APPENDIX O

SOIL BORING ANALYTICAL RESULTS

O-1 URSGWC SOIL BORING ANALYTICAL RESULTS
O-2 HARDING ESE SOIL BORING ANALYTICAL RESULTS

O-1

URSGWC SOIL BORING ANALYTICAL RESULTS

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB1A1-1A			SB1A1-1C			SB1A1-2A			SB1A1-2C			SB03A1-1A			SB03A1-1C			SB03B1-1A			SB03B1-1A			SB03B1-1C		
Collect Date	ICC	PMC	12/17/98			12/17/98			12/17/98			12/17/98			12/16/98			12/16/98			12/17/98			12/17/98			12/17/98		
Sample Interval			0'4"-2'4"			4'4"-6'4"			0'4" - 2'4"			4'4" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0' - 2'			0' - 2'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																													
1,1,1-Trichloroethane	1000	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	0.008	0.005		<	0.004	U	<	0.006	U	--			<	0.005	U
1,1,2,2-Tetrachloroethane	220	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
1,1,2-Trichloroethane	100	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
1,1-Dichloroethane	1000	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	0.005	0.005		<	0.004	U	<	0.006	U	--			<	0.005	U
1,1-Dichloroethylene	9.5	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	0.001	0.004	J	<	0.006	U	--			<	0.005	U
1,2-Dichloroethane	63	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
1,2-Dichloropropane	84	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
2-Butanone	1000	NA	<	0.010	U	<	0.016	U	<	0.008	UJ	<	0.033	U	<	0.010	UJ	<	0.008	UJ	<	0.019	U	--			0.010	0.005	
2-Hexanone	NC	NC	<	0.010	U	<	0.011	U	<	0.008	U	<	0.018	U	<	0.010	U	<	0.008	U	<	0.011	U	--			<	0.010	U
Acetone	1000	NA	<	0.017	U	<	0.037	U	<	0.011	U	<	0.074	U	<	0.039	U	<	0.045	U	<	0.090	U	--			<	0.035	U
Benzene	200	NA	<	0.005	U	<	0.005	U	<	0.004	U	0.001	0.009	J	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Bromoform	720	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.008	U	<	0.006	U	--			<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.011	U	<	0.008	U	<	0.018	U	<	0.005	U	<	0.004	U	<	0.011	U	--			<	0.010	U
Carbon disulfide	NC	NC	0.002	0.005	J	0.004	0.005	J	<	0.004	U	0.006	0.009	J	0.009	0.005		0.003	0.004	J	<	0.006	U	--			<	0.005	U
Carbon tetrachloride	44	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Chlorobenzene	1000	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.011	U	<	0.008	U	<	0.018	U	<	0.010	U	<	0.008	U	<	0.011	U	--			<	0.010	U
Chloroform	940	NA	0.003	0.005	J	0.003	0.005	J	<	0.004	U	0.004	0.009	J	0.002	0.005	J	0.002	0.004	J	0.002	0.006	J	--			0.002	0.005	J
Chloromethane	NC	NC	<	0.010	U	<	0.011	U	<	0.008	U	<	0.018	U	<	0.010	U	<	0.004	U	<	0.011	U	--			<	0.010	U
cis-1,2-Dichloroethylene	100	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Dibromochloromethane	68	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Ethylbenzene	1000	NA	0.000	0.005	J	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Methyl isobutyl ketone	1000	NA	0.002	0.005	J	0.002	0.005	J	<	0.008	U	<	0.018	U	<	0.010	U	<	0.008	U	<	0.011	U	--			0.005	0.005	J
Methylene chloride	760	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Styrene	1000	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Tetrachloroethylene	110	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	0.001	0.005	J	<	0.004	U	<	0.006	U	--			<	0.005	U
Toluene	1000	NA	<	0.005	U	<	0.005	U	<	0.004	U	0.002	0.009	J	0.001	0.005	J	<	0.004	U	0.001	0.006	J	--			<	0.005	U
trans-1,2-Dichloroethylene	1000	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U
Trichloroethylene	520	NA	<	0.005	U	<	0.005	U	<	0.004	U	<	0.009	U	0.009	0.005		<	0.004	U	0.000	0.006	J	--			<	0.005	U
Vinyl acetate	NC	NC	<	0.010	U	<	0.011	U	<	0.008	U	<	0.018	U	<	0.010	U	<	0.008	U	<	0.011	U	--			<	0.010	U
Vinyl chloride	3	NA	<	0.010	U	<	0.011	U	<	0.008	U	<	0.018	U	<	0.010	U	<	0.008	U	<	0.011	U	--			<	0.010	U
Xylenes, Total	1000	NA	<	0.005	U	<	0.005	U	<	0.004	U	0.002	0.009	J	<	0.005	U	<	0.004	U	<	0.006	U	--			<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB1A1-1A			SB1A1-1C			SB1A1-2A			SB1A1-2C			SB03A1-1A			SB03A1-1C			SB03B1-1A			SB03B1-1A			SB03B1-1C		
Collect Date	ICC	PMC	12/17/98			12/17/98			12/17/98			12/17/98			12/16/98			12/16/98			12/17/98			12/17/98			12/17/98		
Sample Interval			0'4"-2'4"			4'4"-6'4"			0'4" - 2'4"			4'4" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0' - 2'			0' - 2'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																													
1,2,4-Trichlorobenzene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
1,2-Dichlorobenzene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
1,3-Dichlorobenzene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
1,4-Dichlorobenzene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
2,4,5-Trichlorophenol	NC	NC	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	27.5	U	<	28.5	U	<	26.8	U	--			<	27.6	U
2,4,6-Trichlorophenol	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
2,4-Dichlorophenol	2500	4	<	9.39	U	<	13.3	U	<	9.29	U	<	19.1	U	<	10.9	U	<	10.3	U	<	9.68	U	--			<	9.98	U
2,4-Dimethylphenol	NC	NC	<	9.39	U	<	13.3	U	<	9.29	U	<	19.1	U	<	10.9	U	<	10.3	U	<	9.68	U	--			<	9.98	U
2,4-Dinitrophenol	NC	NC	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	27.5	U	<	28.5	U	<	26.8	U	--			<	27.6	U
2,4-Dinitrotoluene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
2,6-Dinitrotoluene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
2-Chloronaphthalene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
2-Chlorophenol	2500	7.2	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
2-Methylnaphthalene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
2-Methylphenol	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
2-Nitroaniline	NC	NC	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	27.5	U	<	28.5	U	<	26.8	U	--			<	27.6	U
2-Nitrophenol	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
3,3'-Dichlorobenzidine	NC	NC	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	10.9	U	<	28.5	U	<	26.8	U	--			<	27.6	U
3-Nitroaniline	NC	NC	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	27.5	U	<	28.5	U	<	26.8	U	--			<	27.6	U
4,6-Dinitro-2-methylphenol	NC	NC	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	27.5	U	<	28.5	U	<	26.8	U	--			<	27.6	U
4-Bromophenylphenyl ether	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
4-Chloro-3-methylphenol	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
4-Chloroaniline	NC	NC	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	10.9	U	<	28.5	U	<	26.8	U	--			<	27.6	U
4-Chlorophenylphenyl ether	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
4-Methylphenol	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
4-Nitroaniline	NC	NC	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	10.9	U	<	28.5	U	<	26.8	U	--			<	27.6	U
4-Nitrophenol	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	27.5	U	<	11.3	U	<	10.6	U	--			<	11	U
Acenaphthene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Acenaphthylene	2500	84	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Anthracene	2500	400	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Benzo(b)fluoranthene	7.8	1	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Benzo(a)anthracene	7.8	1	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Benzo(a)pyrene	1	1	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Benzo(k)fluoranthene	78	1	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Butylbenzyl phthalate	2500	200	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Carbazole	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U

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Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB1A1-1A			SB1A1-1C			SB1A1-2A			SB1A1-2C			SB03A1-1A			SB03A1-1C			SB03B1-1A			SB03B1-1A			SB03B1-1C		
Collect Date	ICC	PMC	12/17/98			12/17/98			12/17/98			12/17/98			12/16/98			12/16/98			12/17/98			12/17/98			12/17/98		
Sample Interval			0'4"-2'4"			4'4"-6'4"			0'4" - 2'4"			4'4" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0' - 2'			0' - 2'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Di-n-butyl phthalate	2500	140	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Di-n-octyl phthalate	2500	20	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Dibenz(a,h)anthracene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Dibenzofuran	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Diethyl phthalate	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Dimethyl phthalate	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Fluoranthene	2500	56	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Fluorene	2500	56	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Hexachlorobenzene	3.6	1	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Hexachlorobutadiene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Hexachlorocyclopentadiene	NC	NC	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	10.9	U	<	28.5	U	<	26.8	U	--			<	27.6	U
Hexachloroethane	410	1	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Isophorone	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
N-Nitrosodiphenylamine	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Napthalene	2500	56	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Nitrobenzene	NC	NC	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Pentachlorophenol	48	1	<	26	U	<	36.9	U	<	25.7	U	<	48.2	U	<	27.5	U	<	28.5	U	<	26.8	U	--			<	27.6	U
Phenanthrene	2500	40	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Phenol	2500	800	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
Pyrene	2500	40	<	10.3	U	<	14.7	U	<	10.2	U	<	19.1	U	<	10.9	U	<	11.3	U	<	10.6	U	--			<	11	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																													
PCB 1016	NC	NC	<	0.0418	U	--			<	0.0413	U	--			<	0.0442	U	--			<	0.043	U	<	0.02	U	--		
PCB 1221	NC	NC	<	0.0835	U	--			<	0.0826	U	--			<	0.0884	U	--			<	0.086	U	<	0.02	U	--		
PCB 1232	NC	NC	<	0.0418	U	--			<	0.0413	U	--			<	0.0442	U	--			<	0.043	U	<	0.01	U	--		
PCB 1242	NC	NC	<	0.0835	U	--			<	0.0826	U	--			<	0.0884	U	--			<	0.086	U	<	0.01	U	--		
PCB 1248	NC	NC	<	0.0835	U	--			<	0.0826	U	--			<	0.0884	U	--			<	0.086	U	<	0.01	U	--		
PCB 1254	NC	NC	<	0.0418	U	--			<	0.0413	U	--			<	0.0442	U	--			<	0.043	U	<	0.01	U	--		
PCB 1260	NC	NC	<	0.0418	U	--			<	0.0413	U	--			0.0373	NR		--			0.116	NR		<	0.01	U	--		
TOTAL PETROLEUM HYDROCARBONS																													
Total Petroleum Hydrocarbons (TPH)	2500	NA	4700	NR		--			--			--			364	NR		--			163	NR		--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB1A1-1A			SB1A1-1C			SB1A1-2A			SB1A1-2C			SB03A1-1A			SB03A1-1C			SB03B1-1A			SB03B1-1A			SB03B1-1C		
Collect Date	ICC	PMC	12/17/98			12/17/98			12/17/98			12/17/98			12/16/98			12/16/98			12/17/98			12/17/98			12/17/98		
Sample Interval			0'4"-2'4"			4'4"-6'4"			0'4" - 2'4"			4'4" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0' - 2'			0' - 2'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																													
Aluminum	NC	NC	8370	NR		12500	NR		10000	NR		14200	NR		7480	NR		7220	NR		--			--			8300	NR	
Antimony	8200	0.06	<	10.4	U	<	14.8	U	<	10.3	U	<	19.3	U	<	11	U	9.52	0.01		--			--			<	11.1	U
Arsenic	10	0.5	4.46	NR		29.4	NR		5.61	NR		17.1	NR		4.87	NR		5.47	NR		--			--			4.57	NR	
Barium	140000	10	22	NR		28.4	NR		30.3	NR		44.3	NR		33.9	NR		46.3	NR		--			--			28	NR	
Beryllium	2	0.04	0.288	NR	J	0.584	NR	J	0.315	NR	J	0.85	NR	J	0.333	NR	J	0.303	NR	J	--			--			0.34	NR	J
Cadmium	1000	0.05	<	1.04	U	<	1.48	U	<	1.03	U	<	1.93	U	0.209	NR	J	<	1.14	U	--			--			<	1.11	U
Calcium	NC	NC	2410	NR		2160	NR		2120	NR		2820	NR		<	1400	U	1420	NR		--			--			1080	NR	
Chromium	51000	0.5	20.2	NR		20.4	NR		24.1	NR		34	NR		16.8	NR		19.2	NR		--			--			15.6	NR	
Cobalt	NC	NC	9.74	NR		33.8	NR		11	NR		22.1	NR		4.55	NR		4.27	NR		--			--			4.72	NR	
Copper	76000	13	38.8	NR		80.8	NR		38.1	NR		112	NR		47.6	NR		67.7	NR		--			--			16.7	NR	
Iron	NC	NC	17300	NR		18600	NR		20200	NR		24000	NR		11700	NR		11400	NR		--			--			11900	NR	
Lead	1000	0.15	7.29	NR		26.1	NR		8.94	NR		56.9	NR		25	NR		212	NR		--			--			22.2	NR	
Magnesium	NC	NC	3930	NR		4030	NR		5210	NR		6040	NR		2430	NR		2560	NR		--			--			2650	NR	
Manganese	NC	NC	305	NR		210	NR		425	NR		301	NR		169	NR		154	NR		--			--			188	NR	
Mercury	610	0.02	<	0.104	U	<	0.148	U	<	0.103	U	<	0.193	U	0.0951	NR	J	0.0607	NR	J	<	0.108	U	--			<	0.111	U
Nickel	7500	1	20.5	NR		29.1	NR		30.9	NR		29	NR		12	NR		14	NR		--			--			18.5	NR	
Potassium	NC	NC	658	NR		1040	NR		1190	NR		1740	NR		1110	NR		1120	NR		--			--			773	NR	
Selenium	10000	0.5	<	1.04	U	<	1.48	U	<	1.03	U	<	1.93	U	<	1.1	U	<	1.14	U	--			--			<	1.1	U
Silver	10000	0.36	<	2.09	U	<	2.96	U	<	2.06	U	<	3.87	U	<	2.21	U	<	2.29	U	--			--			<	2.22	U
Sodium	NC	NC	489	NR		781	NR		363	NR		992	NR		116	NR		92.1	NR		--			--			79.2	NR	
Thallium	160	0.05	<	1.04	U	<	1.48	U	<	1.03	U	<	1.93	U	<	1.1	U	<	1.14	U	--			--			<	1.1	U
Vanadium	14000	0.5	34	NR		23.8	NR		30.6	NR		47.5	NR		15.8	NR		16.5	NR		--			--			16.8	NR	
Zinc	610000	50	38.2	NR		73.6	NR		46.8	NR		90.5	NR		62.8	NR		76.6	NR		--			--			58	NR	
METALS BY GRAPHITE FURNACE																													
Antimony	8200	0.06	<	1.25	U	<	1.78	U	<	1.24	U	<	2.32	U	<	1.33	U	2.69	0.01		--			--			<	1.29	U
OTHER PARAMETERS																													
Cation Excange Capacity	NC	NC	2	NR		--			--			--			3.76	NR		--			19.6	NR		--			--		
Cyanide	41000	NA	<	0.52	U	<	0.74	U	<	0.52	U	<	0.97	U	<	0.55	U	<	0.57	U	<	0.54	U	--			<	0.55	U
Total Organic Carbon (TOC)	NC	NC	0.425	0.00011		--			--			--			0.486	0.00011		--			1.05	0.00011		--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB05A1-1A			SB05A1-1A			SB05A1-1C			SB05A2-1A			SB05A2-1C			SB06A1-1A			SB06A1-1C			SB06A2-1A			SB06A2-1A		
Collect Date	ICC	PMC	12/17/98			12/17/98			12/17/98			12/16/98			12/16/98			12/16/98			12/16/98			12/16/98			12/16/98		
Sample Interval			0'2" - 2'2"			0'2" - 2'2"			4'2" - 6'2"			0'4" - 2'4"			4'4" - 6'6"			0'2" - 2'2"			4'2" - 6'2"			0'2" - 2'2"			0'2" - 2'2"		
Units	mg/kg	mg/kg	mg/kg			mg/L			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																													
1,1,1-Trichloroethane	1000	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
1,1,2,2-Tetrachloroethane	220	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
1,1,2-Trichloroethane	100	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
1,1-Dichloroethane	1000	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	0.002	0.004	J	<	0.005	U	<	0.004	U	<	0.005	U	--		
1,1-Dichloroethylene	9.5	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
1,2-Dichloroethane	63	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	0.001	0.004	J	<	0.005	U	<	0.004	U	0.001	0.005	J	--		
1,2-Dichloropropane	84	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
2-Butanone	1000	NA	<	0.008	U	--			<	0.010	U	<	0.010	U	<	0.008	U	<	0.020	U	<	0.008	U	0.009	0.005	J	--		
2-Hexanone	NC	NC	<	0.008	U	--			<	0.010	U	<	0.010	U	<	0.008	U	<	0.010	U	<	0.008	U	<	0.010	U	--		
Acetone	1000	NA	<	0.030	U	--			<	0.025	U	<	0.019	U	<	0.019	U	<	0.015	U	<	0.020	U	<	0.039	U	--		
Benzene	200	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
Bromodichloromethane	NC	NC	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
Bromoform	720	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.008	U	<	0.005	U	--		
Bromomethane	NC	NC	<	0.008	U	--			<	0.010	U	<	0.010	U	<	0.008	U	<	0.010	U	<	0.004	U	<	0.010	U	--		
Carbon disulfide	NC	NC	<	0.004	U	--			0.006	0.005		0.002	0.005	J	0.001	0.004	J	<	0.005	UJ	<	0.004	U	0.001	0.005	J	--		
Carbon tetrachloride	44	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	UJ	--		
Chlorobenzene	1000	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
Chloroethane	NC	NC	<	0.008	U	--			<	0.010	U	<	0.010	U	<	0.008	U	<	0.010	U	<	0.008	U	<	0.010	U	--		
Chloroform	940	NA	0.003	0.004	J	--			0.002	0.005	J	0.002	0.005	J	0.001	0.004	J	0.002	0.005	J	0.003	0.004	J	0.001	0.005	J	--		
Chloromethane	NC	NC	<	0.008	U	--			<	0.010	U	<	0.010	U	<	0.008	U	<	0.010	U	<	0.008	U	<	0.010	U	--		
cis-1,2-Dichloroethylene	100	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
cis-1,3-Dichloropropene	NC	NC	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
Dibromochloromethane	68	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
Ethylbenzene	1000	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
Methyl isobutyl ketone	1000	NA	0.004	0.004	J	--			0.001	0.005	J	<	0.010	U	<	0.008	U	<	0.010	U	<	0.008	U	<	0.010	UJ	--		
Methylene chloride	760	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	0.002	0.005	J	0.002	0.004	J	<	0.005	U	--		
Styrene	1000	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
Tetrachloroethylene	110	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
Toluene	1000	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	0.001	0.005	J	--		
trans-1,2-Dichloroethylene	1000	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
trans-1,3-Dichloropropene	NC	NC	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		
Trichloroethylene	520	NA	0.000	0.004	J	--			<	0.005	U	0.001	0.005	J	0.003	0.004	J	<	0.005	U	<	0.004	U	0.002	0.005	J	--		
Vinyl acetate	NC	NC	<	0.008	U	--			<	0.010	U	<	0.010	U	<	0.008	U	<	0.010	U	<	0.008	U	<	0.010	U	--		
Vinyl chloride	3	NA	<	0.008	U	--			<	0.010	U	<	0.010	U	<	0.008	U	<	0.010	U	<	0.008	U	<	0.010	U	--		
Xylenes, Total	1000	NA	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB05A1-1A			SB05A1-1A			SB05A1-1C			SB05A2-1A			SB05A2-1C			SB06A1-1A			SB06A1-1C			SB06A2-1A			SB06A2-1A		
Collect Date	ICC	PMC	12/17/98			12/17/98			12/17/98			12/16/98			12/16/98			12/16/98			12/16/98			12/16/98			12/16/98		
Sample Interval			0'2" - 2'2"			0'2" - 2'2"			4'2" - 6'2"			0'4" - 2'4"			4'4" - 6'6"			0'2" - 2'2"			4'2" - 6'2"			0'2" - 2'2"			0'2" - 2'2"		
Units	mg/kg	mg/kg	mg/kg			mg/L			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																													
1,2,4-Trichlorobenzene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
1,2-Dichlorobenzene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
1,3-Dichlorobenzene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
1,4-Dichlorobenzene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
2,4,5-Trichlorophenol	NC	NC	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
2,4,6-Trichlorophenol	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
2,4-Dichlorophenol	2500	4	<	9.8	U	--			<	11.6	U	<	9.9	U	<	9.9	U	<	9.76	U	<	9.9	U	<	9.85	U	--		
2,4-Dimethylphenol	NC	NC	<	9.8	U	--			<	11.6	U	<	9.9	U	<	9.9	U	<	9.76	U	<	9.9	U	<	9.85	U	--		
2,4-Dinitrophenol	NC	NC	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
2,4-Dinitrotoluene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
2,6-Dinitrotoluene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
2-Chloronaphthalene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
2-Chlorophenol	2500	7.2	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
2-Methylnaphthalene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
2-Methylphenol	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
2-Nitroaniline	NC	NC	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
2-Nitrophenol	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
3,3'-Dichlorobenzidine	NC	NC	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
3-Nitroaniline	NC	NC	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
4,6-Dinitro-2-methylphenol	NC	NC	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
4-Bromophenylphenyl ether	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
4-Chloro-3-methylphenol	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
4-Chloroaniline	NC	NC	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
4-Chlorophenylphenyl ether	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
4-Methylphenol	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
4-Nitroaniline	NC	NC	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
4-Nitrophenol	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Acenaphthene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Acenaphthylene	2500	84	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Anthracene	2500	400	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Benzo(b)fluoranthene	7.8	1	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Benzo(g,h,I)fluoranthene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Benzo(a)anthracene	7.8	1	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Benzo(a)pyrene	1	1	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Benzo(k)fluoranthene	78	1	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Benzoic acid	NC	NC	--			--			--			<	9.9	U	<	9.9	U	--			<	9.9	U	--			--		
Benzyl alcohol	NC	NC	--			--			--			<	9.9	U	<	9.9	U	--			<	9.9	U	--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Bis(2-chloroethyl) ether	5.2	2.4	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Bis(2-chloroisopropyl) ether	82	2.4	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Bis(2-ethylhexyl) phthalate	410	11	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Butylbenzyl phthalate	2500	200	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Carbazole	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB05A1-1A			SB05A1-1A			SB05A1-1C			SB05A2-1A			SB05A2-1C			SB06A1-1A			SB06A1-1C			SB06A2-1A			SB06A2-1A		
Collect Date	ICC	PMC	12/17/98			12/17/98			12/17/98			12/16/98			12/16/98			12/16/98			12/16/98			12/16/98			12/16/98		
Sample Interval			0'2" - 2'2"			0'2" - 2'2"			4'2" - 6'2"			0'4" - 2'4"			4'4" - 6'6"			0'2" - 2'2"			4'2" - 6'2"			0'2" - 2'2"			0'2" - 2'2"		
Units	mg/kg	mg/kg	mg/kg			mg/L			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Di-n-butyl phthalate	2500	140	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Di-n-octyl phthalate	2500	20	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Dibenz(a,h)anthracene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Dibenzofuran	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Diethyl phthalate	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Dimethyl phthalate	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Fluoranthene	2500	56	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Fluorene	2500	56	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Hexachlorobenzene	3.6	1	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Hexachlorobutadiene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Hexachlorocyclopentadiene	NC	NC	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
Hexachloroethane	410	1	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Isophorone	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
N-Nitrosodi-n-propylamine	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
N-Nitrosodiphenylamine	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Napthalene	2500	56	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Nitrobenzene	NC	NC	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Pentachlorophenol	48	1	<	27.1	U	--			<	32.2	U	<	9.9	U	<	9.9	U	<	27	U	<	9.9	U	<	27.2	U	--		
Phenanthrene	2500	40	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Phenol	2500	800	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
Pyrene	2500	40	<	10.8	U	--			<	12.8	U	<	9.9	U	<	9.9	U	<	10.7	U	<	9.9	U	<	10.8	U	--		
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																													
PCB 1016	NC	NC	<	0.0871	U	<	0.02	U	--			<	0.0424	U	--			<	0.0434	U	--			<	0.0438	U	<	0.02	U
PCB 1221	NC	NC	<	0.174	U	<	0.02	U	--			<	0.0847	U	--			<	0.0868	U	--			<	0.0875	U	<	0.02	U
PCB 1232	NC	NC	<	0.0871	U	<	0.01	U	--			<	0.0424	U	--			<	0.0434	U	--			<	0.0438	U	<	0.01	U
PCB 1242	NC	NC	<	0.174	U	<	0.01	U	--			<	0.0847	U	--			<	0.0868	U	--			<	0.0875	U	<	0.01	U
PCB 1248	NC	NC	<	0.174	U	<	0.01	U	--			<	0.0847	U	--			<	0.0868	U	--			<	0.0875	U	<	0.01	U
PCB 1254	NC	NC	<	0.0871	U	<	0.01	U	--			<	0.0424	U	--			0.0452	NR		--			0.248	NR		<	0.01	U
PCB 1260	NC	NC	0.559	NR		<	0.01	U	--			<	0.0424	U	--			0.0711	NR		--			0.0891	NR		<	0.01	U
TOTAL PETROLEUM HYDROCARBONS																													
Total Petroleum Hydrocarbons (TPH)	2500	NA	--			--			--			51.8	NR		--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB05A1-1A			SB05A1-1A			SB05A1-1C			SB05A2-1A			SB05A2-1C			SB06A1-1A			SB06A1-1C			SB06A2-1A			SB06A2-1A		
Collect Date	ICC	PMC	12/17/98			12/17/98			12/17/98			12/16/98			12/16/98			12/16/98			12/16/98			12/16/98			12/16/98		
Sample Interval			0'2" - 2'2"			0'2" - 2'2"			4'2" - 6'2"			0'4" - 2'4"			4'4" - 6'6"			0'2" - 2'2"			4'2" - 6'2"			0'2" - 2'2"			0'2" - 2'2"		
Units	mg/kg	mg/kg	mg/kg			mg/L			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																													
Aluminum	NC	NC	8190	NR		--			9830	NR		7750	NR		7220	NR		10100	NR		9420	NR		9460	NR		--		
Antimony	8200	0.06	<	10.9	U	--			<	12.9	U	<	10.6	U	<	11.4	U	<	10.8	U	<	10.7	U	<	10.9	U	--		
Arsenic	10	0.5	4.23	NR		--			4.54	NR		4.11	NR		3.57	NR		6.71	NR		4.7	NR		5.6	NR		--		
Barium	140000	10	38.2	NR		--			30.4	NR		22.9	NR		19.2	NR		42.9	NR		27.5	NR		29.4	NR		--		
Beryllium	2	0.04	0.346	NR	J	--			0.392	NR	J	0.314	NR	J	0.272	NR	J	0.341	NR	J	0.283	NR	J	0.381	NR	J	--		
Cadmium	1000	0.05	0.18	NR	J	--			<	1.29	U	<	1.06	U	<	1.14	U	0.147	NR	J	0.282	NR	J	0.227	NR	J	--		
Calcium	NC	NC	898	NR		--			1040	NR		1300	NR		1730	NR		<	2990	U	<	5950	U	<	1470	U	--		
Chromium	51000	0.5	18.9	NR		--			17.8	NR		24.8	NR		36.5	NR		27.3	NR		25.7	NR		18.1	NR		--		
Cobalt	NC	NC	5.77	NR		--			6.23	NR		8.52	NR		7.16	NR		11.1	NR		9.51	NR		10.3	NR		--		
Copper	76000	13	23.5	NR		--			26.3	NR		40.4	NR		27.1	NR		26.7	NR		30.6	NR		29.2	NR		--		
Iron	NC	NC	12900	NR		--			16700	NR		14400	NR		12900	NR		18100	NR		16600	NR		17100	NR		--		
Lead	1000	0.15	20	NR		--			10.2	NR		11.8	NR		9.83	NR		14.6	NR		202	NR		14.9	NR		--		
Magnesium	NC	NC	2840	NR		--			4070	NR		3640	NR		3110	NR		5490	NR		5250	NR		109	NR		--		
Manganese	NC	NC	244	NR		--			211	NR		317	NR		279	NR		304	NR		285	NR		235	NR		--		
Mercury	610	0.02	<	0.109	U	--			<	0.129	U	<	0.106	U	<	0.114	U	<	0.108	U	<	0.107	U	<	0.109	U	--		
Nickel	7500	1	13.3	NR		--			16.5	NR		20.5	NR		15.9	NR		26	NR		22.2	NR		24.4	NR		--		
Potassium	NC	NC	598	NR		--			1230	NR		1080	NR		718	NR		2280	NR		1390	NR		1080	NR		--		
Selenium	10000	0.5	<	1.4	U	--			<	1.09	U	<	1.06	U	<	1.14	U	<	1.08	U	<	1.07	U	<	1.09	U	--		
Silver	10000	0.36	<	2.18	U	--			<	2.59	U	<	2.12	U	3.07	NR		<	2.17	U	<	2.15	U	4.04	NR		--		
Sodium	NC	NC	63.8	NR		--			834	NR		122	NR		401	NR		117	NR		157	NR		183	NR		--		
Thallium	160	0.05	<	1.4	U	--			<	1.09	U	<	1.06	U	<	1.14	U	<	1.08	U	<	1.07	U	<	1.09	U	--		
Vanadium	14000	0.5	14.7	NR		--			20.2	NR		20.6	NR		18	NR		25.9	NR		27.1	NR		32.1	NR		--		
Zinc	610000	50	73.7	NR		--			40	NR		47.6	NR		39.2	NR		45.4	NR		56.4	NR		55.4	NR		--		
METALS BY GRAPHITE FURNACE																													
Antimony	8200	0.06	<	1.31	U	--			<	1.55	U	<	1.27	U	<	1.37	U	<	1.3	U	1.59	0.01		<	1.31	U	--		
OTHER PARAMETERS																													
Cation Excange Capacity	NC	NC	--			--			--			2.96	NR		--			--			--			--			--		
Cyanide	41000	NA	<	0.54	U	--			<	0.65	U	<	0.53	U	<	0.57	U	<	0.54	U	<	0.54	U	<	0.55	U	--		
Total Organic Carbon (TOC)	NC	NC	--			--			--			0.161	0.00011		--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB06A2-1B			SB06A2-2A			SB06A2-2A			SB06A2-2C			SB06A2-3A			SB06A2-3C			SB06A3-1A			SB06A3-1C			SB07A1-1A		
Collect Date	ICC	PMC	12/16/98			12/15/98			12/15/98			12/15/98			12/16/98			12/16/98			12/16/98			12/16/98			12/17/98		
Sample Interval			2'2" - 4'2"			0'4" - 2'4"			0'4" - 2'4"			4'4" - 6'6"			0'5" - 2'5"			4'5" - 6'5"			0'6" - 2'6"			4'6" - 6'6"			0' - 2'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																													
1,1,1-Trichloroethane	1000	NA	<	0.005	U	0.001	0.004	J	--			0.002	0.004	J	0.004	0.005	J	0.001	0.004	J	0.004	0.005	J	<	2.300	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
1,1,2-Trichloroethane	100	NA	0.006	0.005		0.001	0.004	J	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
1,1-Dichloroethane	1000	NA	0.004	0.005	J	<	0.004	U	--			0.012	0.004		0.004	0.005	J	0.019	0.004		0.004	0.005	J	1.700	2.300	J	<	0.005	U
1,1-Dichloroethylene	9.5	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
1,2-Dichloroethane	63	NA	<	0.005	UJ	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
1,2-Dichloropropane	84	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
2-Butanone	1000	NA	<	0.010	UJ	0.004	0.004	J	--			0.008	0.004	J	<	0.010	U	<	0.009	U	<	0.015	U	<	2.300	U	<	0.010	U
2-Hexanone	NC	NC	<	0.010	U	<	0.010	U	--			0.003	0.004	J	<	0.010	U	<	0.009	U	<	0.010	U	<	2.300	U	<	0.010	U
Acetone	1000	NA	<	0.120	U	<	0.014	U	--			<	0.023	U	<	0.015	U	<	0.019	U	<	0.057	U	<	2.300	U	<	0.018	U
Benzene	200	NA	0.002	0.005	J	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	0.001	0.005	J	<	2.300	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	0.002	0.005	J	<	2.300	U	<	0.005	U
Bromoform	720	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.009	U	<	0.010	U	<	2.300	U	<	0.010	U
Carbon disulfide	NC	NC	0.032	0.005		<	0.004	U	--			<	0.004	U	0.002	0.005	J	0.003	0.004	J	<	0.005	U	<	2.300	U	0.003	0.005	J
Carbon tetrachloride	44	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
Chlorobenzene	1000	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	0.400	2.300	J	<	0.005	U
Chloroethane	NC	NC	0.018	0.005	J	<	0.010	U	--			0.004	0.004	J	<	0.010	U	0.031	0.004		<	0.010	U	<	2.300	U	<	0.010	U
Chloroform	940	NA	0.002	0.005	J	0.003	0.004	J	--			0.002	0.004	J	0.003	0.005	J	0.002	0.004	J	0.005	0.005		<	2.300	U	0.001	0.005	J
Chloromethane	NC	NC	<	0.010	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.009	U	<	0.010	U	<	2.300	U	<	0.010	U
cis-1,2-Dichloroethylene	100	NA	<	0.005	U	<	0.004	U	--			<	0.004	UJ	<	0.005	U	0.001	0.004	J	0.042	0.005	J	33.000	2.300		<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
Dibromochloromethane	68	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
Ethylbenzene	1000	NA	0.002	0.005	J	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	0.580	2.300	J	<	0.005	U
Methyl isobutyl ketone	1000	NA	0.005	0.005	J	<	0.010	U	--			0.003	0.004	J	<	0.010	U	0.001	0.004	J	<	0.010	U	<	2.300	U	<	0.010	U
Methylene chloride	760	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	0.002	0.005	J	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
Styrene	1000	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
Tetrachloroethylene	110	NA	<	0.005	U	<	0.004	U	--			0.022	0.004		<	0.005	U	<	0.004	U	0.001	0.005	J	<	2.300	U	<	0.005	U
Toluene	1000	NA	0.001	0.005	J	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	0.001	0.005	J	1.300	2.300	J	<	0.005	U
trans-1,2-Dichloroethylene	1000	NA	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	0.001	0.005	J	1.200	2.300	J	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	<	0.005	U	<	2.300	U	<	0.005	U
Trichloroethylene	520	NA	<	0.005	U	0.001	0.004	J	--			0.003	0.004	J	0.003	0.005	J	<	0.004	U	0.012	0.005		0.410	2.300	J	<	0.005	U
Vinyl acetate	NC	NC	0.002	0.005	J	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.009	U	<	0.010	U	<	2.300	U	<	0.010	U
Vinyl chloride	3	NA	<	0.010	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.009	U	<	0.010	U	<	2.300	U	<	0.010	U
Xylenes, Total	1000	NA	0.010	0.005		<	0.004	U	--			<	0.004	U	<	0.005	U	<	0.004	U	0.001	0.005	J	3.400	2.300		<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB06A2-1B			SB06A2-2A			SB06A2-2A			SB06A2-2C			SB06A2-3A			SB06A2-3C			SB06A3-1A			SB06A3-1C			SB07A1-1A		
Collect Date	ICC	PMC	12/16/98			12/15/98			12/15/98			12/15/98			12/16/98			12/16/98			12/16/98			12/16/98			12/17/98		
Sample Interval			2'2" - 4'2"			0'4" - 2'4"			0'4" - 2'4"			4'4" - 6'6"			0'5" - 2'5"			4'5" - 6'5"			0'6" - 2'6"			4'6" - 6'6"			0' - 2'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																													
1,2,4-Trichlorobenzene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
1,2-Dichlorobenzene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
1,3-Dichlorobenzene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
1,4-Dichlorobenzene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
2,4,5-Trichlorophenol	NC	NC	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
2,4,6-Trichlorophenol	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
2,4-Dichlorophenol	2500	4	<	11.6	U	<	9.5	U	--			<	10.6	U	<	9.67	U	<	10.1	U	<	9.52	U	<	13.7	U	<	19.6	U
2,4-Dimethylphenol	NC	NC	<	11.6	U	<	9.5	U	--			<	10.6	U	<	9.67	U	<	10.1	U	<	9.52	U	<	13.7	U	<	19.6	U
2,4-Dinitrophenol	NC	NC	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
2,4-Dinitrotoluene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
2,6-Dinitrotoluene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
2-Chloronaphthalene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
2-Chlorophenol	2500	7.2	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
2-Methylnaphthalene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
2-Methylphenol	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
2-Nitroaniline	NC	NC	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
2-Nitrophenol	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
3,3'-Dichlorobenzidine	NC	NC	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
3-Nitroaniline	NC	NC	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
4,6-Dinitro-2-methylphenol	NC	NC	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
4-Bromophenylphenyl ether	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
4-Chloro-3-methylphenol	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
4-Chloroaniline	NC	NC	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
4-Chlorophenylphenyl ether	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
4-Methylphenol	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
4-Nitroaniline	NC	NC	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
4-Nitrophenol	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Acenaphthene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Acenaphthylene	2500	84	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Anthracene	2500	400	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Benzo(b)fluoranthene	7.8	1	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Benzo(g,h,I)fluoranthene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Benzo(a)anthracene	7.8	1	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Benzo(a)pyrene	1	1	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Benzo(k)fluoranthene	78	1	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Bis(2-chloroethyl) ether	5.2	2.4	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Bis(2-chloroisopropyl) ether	82	2.4	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Bis(2-ethylhexyl) phthalate	410	11	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Butylbenzyl phthalate	2500	200	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Carbazole	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB06A2-1B			SB06A2-2A			SB06A2-2A			SB06A2-2C			SB06A2-3A			SB06A2-3C			SB06A3-1A			SB06A3-1C			SB07A1-1A		
Collect Date	ICC	PMC	12/16/98			12/15/98			12/15/98			12/15/98			12/16/98			12/16/98			12/16/98			12/16/98			12/17/98		
Sample Interval			2'2" - 4'2"			0'4" - 2'4"			0'4" - 2'4"			4'4" - 6'6"			0'5" - 2'5"			4'5" - 6'5"			0'6" - 2'6"			4'6" - 6'6"			0' - 2'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Di-n-butyl phthalate	2500	140	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Di-n-octyl phthalate	2500	20	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Dibenz(a,h)anthracene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Dibenzofuran	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Diethyl phthalate	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Dimethyl phthalate	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Fluoranthene	2500	56	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Fluorene	2500	56	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Hexachlorobenzene	3.6	1	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Hexachlorobutadiene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Hexachlorocyclopentadiene	NC	NC	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
Hexachloroethane	410	1	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Isophorone	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
N-Nitrosodi-n-propylamine	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
N-Nitrosodiphenylamine	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Napthalene	2500	56	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Nitrobenzene	NC	NC	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Pentachlorophenol	48	1	<	32.1	U	<	26.3	U	--			<	29.4	U	<	26.7	U	<	28	U	<	26.3	U	<	38	U	<	54.1	U
Phenanthrene	2500	40	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Phenol	2500	800	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
Pyrene	2500	40	<	12.8	U	<	10.5	U	--			<	11.7	U	<	10.6	U	<	11.1	U	<	10.5	U	<	15.1	U	<	21.5	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																													
PCB 1016	NC	NC	--			<	0.0422	U	<	0.02	U	--			<	0.043	U	--			<	0.0423	U	--			<	0.0435	U
PCB 1221	NC	NC	--			<	0.0845	U	<	0.02	U	--			<	0.0859	U	--			<	0.0847	U	--			<	0.087	U
PCB 1232	NC	NC	--			<	0.0422	U	<	0.01	U	--			<	0.043	U	--			<	0.0423	U	--			<	0.0435	U
PCB 1242	NC	NC	--			<	0.0845	U	<	0.01	U	--			<	0.0859	U	--			<	0.0847	U	--			<	0.087	U
PCB 1248	NC	NC	--			<	0.0845	U	<	0.01	U	--			<	0.0859	U	--			<	0.0847	U	--			<	0.087	U
PCB 1254	NC	NC	--			<	0.0422	U	<	0.01	U	--			0.135	NR		--			<	0.0423	U	--			<	0.0435	U
PCB 1260	NC	NC	--			0.187	NR	J	<	0.01	U	--			0.105	NR		--			0.0361	NR					<	0.0435	U
TOTAL PETROLEUM HYDROCARBONS																													
Total Petroleum Hydrocarbons (TPH)	2500	NA	--			673	NR		--			--			--			--			2130	NR		--			4050	NR	

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB06A2-1B			SB06A2-2A			SB06A2-2A			SB06A2-2C			SB06A2-3A			SB06A2-3C			SB06A3-1A			SB06A3-1C			SB07A1-1A		
Collect Date	ICC	PMC	12/16/98			12/15/98			12/15/98			12/15/98			12/16/98			12/16/98			12/16/98			12/16/98			12/17/98		
Sample Interval			2'2" - 4'2"			0'4" - 2'4"			0'4" - 2'4"			4'4" - 6'6"			0'5" - 2'5"			4'5" - 6'5"			0'6" - 2'6"			4'6" - 6'6"			0' - 2'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																													
Aluminum	NC	NC	7920	NR		6040	NR		--			6070	NR		5980	NR		8840	NR		9680	NR		5450	NR		7940	NR	
Antimony	8200	0.06	<	12.9	U	<	10.6	U	--			<	11.8	U	<	10.7	U	<	11.2	U	<	10.6	U	<	15.2	U	<	10.9	U
Arsenic	10	0.5	4.83	NR		6.12	NR		--			2.03	NR		6.08	NR		1.26	NR		7.06	NR		3.95	NR		5.32	NR	
Barium	140000	10	25	NR		29.5	NR		--			13.2	NR		31.7	NR		44.5	NR		43	NR		31.3	NR		43.4	NR	
Beryllium	2	0.04	0.503	NR	J	0.247	NR	J	--			0.188	NR	J	0.278	NR	J	0.301	NR	J	0.379	NR	J	0.482	NR	J	0.4	NR	J
Cadmium	1000	0.05	<	1.29	U	0.276	NR	J	--			<	1.18	U	0.341	NR	J	0.134	NR	J	0.491	NR	J	<	1.52	U	0.632	NR	J
Calcium	NC	NC	1430	NR		<	1590	U	--			1880	NR		<	1650	U	<	1990	U	<	1980	U	1110	NR		1660	NR	
Chromium	51000	0.5	11.7	NR		16.1	NR		--			12	NR		16.2	NR		17.6	NR		23.7	NR		11.4	NR		12.9	NR	
Cobalt	NC	NC	4.86	NR		5.63	NR		--			5.35	NR		5.32	NR		6.47	NR		9.36	NR		4.75	NR		6.06	NR	
Copper	76000	13	20.2	NR		20.5	NR		--			16.4	NR		26.9	NR		14.3	NR		32.7	NR		23.6	NR		18.5	NR	
Iron	NC	NC	10200	NR		11600	NR		--			11200	NR		11300	NR		13700	NR		17400	NR		6740	NR		13600	NR	
Lead	1000	0.15	22.2	NR		9.7	NR		--			6.56	NR		10.3	NR		5.3	NR		10.3	NR		18.3	NR		17.4	NR	
Magnesium	NC	NC	1690	NR		2890	NR		--			2770	NR		2910	NR		4700	NR		5520	NR		1490	NR		2890	NR	
Manganese	NC	NC	97.3	NR		218	NR		--			201	NR		381	NR		228	NR		275	NR		61	NR		140	NR	
Mercury	610	0.02	<	0.129	U	<	0.106	U	--			<	0.118	U	0.047	NR	J	<	0.112	U	0.293	NR		<	0.152	U	<	0.109	U
Nickel	7500	1	11.1	NR		22.4	NR	J	--			12.4	NR		13.8	NR		11.5	NR		26.7	NR		10.3	NR		14.1	NR	
Potassium	NC	NC	520	NR		1220	NR		--			291	NR		1040	NR		2560	NR		2710	NR		374	NR		1720	NR	
Selenium	10000	0.5	0.594	NR		<	1.06	U	--			<	1.18	U	<	1.07	U	<	1.12	U	<	1.06	U	<	1.52	U	<	1.09	U
Silver	10000	0.36	3.56	NR		<	2.11	U	--			<	2.36	U	1.99	NR		<	2.25	U	1.91	NR		<	3.05	U	<	2.17	U
Sodium	NC	NC	363	NR		108	NR		--			69.7	NR		92.2	NR		108	NR		128	NR		89.8	NR		127	NR	
Thallium	160	0.05	<	1.29	U	<	1.06	U	--			<	1.18	U	<	1.07	U	<	1.12	U	<	1.06	U	<	1.52	U	<	1.09	U
Vanadium	14000	0.5	17.8	NR		16.9	NR		--			12.1	NR		14.2	NR		19.3	NR		32.9	NR		15.7	NR		25.3	NR	
Zinc	610000	50	38.2	NR		39.6	NR		--			23.5	NR		39.4	NR		29.8	NR		61.3	NR		24.4	NR		42.1	NR	
METALS BY GRAPHITE FURNACE																													
Antimony	8200	0.06	<	1.55	U	<	1.27	U	--			<	1.42	U	<	1.29	U	<	1.35	U	<	1.27	U	<	1.83	U	<	1.3	U
OTHER PARAMETERS																													
Cation Excange Capacity	NC	NC	--			2.89	NR		--			--			--			--			3.07	NR		--			6.84	NR	
Cyanide	41000	NA	<	0.64	U	<	0.53	U	--			<	0.59	U	<	0.54	U	<	0.56	U	<	0.53	U	<	0.76	U	<	0.54	U
Total Organic Carbon (TOC)	NC	NC	--			0.129	0.00011	J	--			--			--			--			0.703	0.00011		--			1.49	0.00011	

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB07A1-1C			SB08A-1A			SB08A-1B			SB08A2A			SB08A2B			SB08A3A			SB08A3B			SB08C1-1A			SB08C1-1B		
Collect Date	ICC	PMC	12/17/98			1/7/99			1/7/99			1/11/99			1/11/99			1/11/99			1/11/99			1/5/99			1/5/99		
Sample Interval			2' - 4'			0'7" - 2'7"			4'7" - 6'7"			0'7" - 2'7"			2'7" - 4'7"			0'8" - 2'8"			2'8" - 4'8"			0'4" - 2'4"			4'4" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																													
1,1,1-Trichloroethane	1000	NA	<	0.006	U	0.003	0.005	J	<	0.004	U	<	0.920	U	0.003	0.004	J	<	0.005	U	<	0.005	U	<	0.005	U	0.002	0.005	J
1,1,2,2-Tetrachloroethane	220	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1-Dichloroethylene	9.5	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	NA	<	0.006	U	<	0.005	UJ	<	0.004	UJ	<	0.920	U	<	0.004	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	U
1,2-Dichloropropane	84	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
2-Butanone	1000	NA	<	0.011	U	<	0.010	UJ	<	0.009	UJ	<	0.920	U	0.008	0.004	J	0.003	0.005	J	0.003	0.005	J	0.004	0.005	J	0.003	0.005	J
2-Hexanone	NC	NC	<	0.011	U	<	0.010	U	<	0.009	U	<	0.920	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.010	U
Acetone	1000	NA	<	0.014	U	<	0.020	U	<	0.013	U	<	1.000	U	<	0.018	U	<	0.010	U	<	0.010	U	<	0.017	U	<	0.011	U
Benzene	200	NA	<	0.006	U	0.000	0.005	J	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	0.005	U
Bromoform	720	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Bromomethane	NC	NC	<	0.011	U	<	0.010	U	<	0.009	U	<	0.920	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.010	U
Carbon disulfide	NC	NC	0.002	0.000	J	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.005	UJ
Carbon tetrachloride	44	NA	<	0.006	U	<	0.005	UJ	<	0.004	UJ	<	0.920	U	<	0.004	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ
Chlorobenzene	1000	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Chloroethane	NC	NC	<	0.011	U	<	0.010	U	<	0.009	U	<	0.920	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.010	U
Chloroform	940	NA	0.002	0.000	J	0.003	0.005	J	<	0.004	U	<	0.920	U	0.002	0.004	J	0.002	0.005	J	0.003	0.005	J	0.002	0.005	J	0.004	0.005	J
Chloromethane	NC	NC	<	0.011	U	<	0.010	U	<	0.009	U	0.120	0.920	J	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.010	U
cis-1,2-Dichloroethylene	100	NA	<	0.006	U	<	0.005	U	0.001	0.004	J	<	0.920	U	0.004	0.004	J	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Dibromochloromethane	68	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Ethylbenzene	1000	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	0.001	0.004	J	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	NA	0.010	0.000	J	<	0.010	U	<	0.009	U	0.190	0.920	J	<	0.009	U	<	0.010	U	<	0.010	U	0.001	0.005	J	<	0.010	U
Methylene chloride	760	NA	<	0.006	U	<	0.010	U	<	0.009	U	<	0.920	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.010	U
Styrene	1000	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Tetrachloroethylene	110	NA	<	0.006	U	0.001	0.005	J	<	0.004	U	<	0.920	U	0.002	0.004	J	0.001	0.005	J	<	0.005	UJ	<	0.005	U	<	0.005	U
Toluene	1000	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	0.003	0.005	J	<	0.005	U	<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Trichloroethylene	520	NA	<	0.006	U	0.004	0.005	J	0.001	0.004	J	0.780	0.920	J	0.097	0.004		0.100	0.005		0.021	0.005		0.014	0.005		0.120	0.005	
Vinyl acetate	NC	NC	<	0.011	U	<	0.010	U	<	0.009	U	<	0.920	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.010	U
Vinyl chloride	3	NA	<	0.011	U	<	0.010	U	<	0.009	U	<	0.920	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.010	U
Xylenes, Total	1000	NA	<	0.006	U	<	0.005	U	<	0.004	U	<	0.920	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB07A1-1C			SB08A-1A			SB08A-1B			SB08A2A			SB08A2B			SB08A3A			SB08A3B			SB08C1-1A			SB08C1-1B		
Collect Date	ICC	PMC	12/17/98			1/7/99			1/7/99			1/11/99			1/11/99			1/11/99			1/11/99			1/5/99			1/5/99		
Sample Interval			2' - 4'			0'7" - 2'7"			4'7" - 6'7"			0'7" - 2'7"			2'7" - 4'7"			0'8" - 2'8"			2'8" - 4'8"			0'4" - 2'4"			4'4" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																													
1,2,4-Trichlorobenzene	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
1,2-Dichlorobenzene	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
1,3-Dichlorobenzene	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
1,4-Dichlorobenzene	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2,4,5-Trichlorophenol	NC	NC	<	30.5	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U
2,4,6-Trichlorophenol	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2,4-Dichlorophenol	2500	4	<	11	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2,4-Dimethylphenol	NC	NC	<	11	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2,4-Dinitrophenol	NC	NC	<	30.5	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U
2,4-Dinitrotoluene	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2,6-Dinitrotoluene	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2-Chloronaphthalene	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2-Chlorophenol	2500	7.2	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2-Methylnaphthalene	NC	NC	<	12.1	U	0.03	0.36	J	<	0.35	U	0.05	0.35	J	0.08	0.37	J	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2-Methylphenol	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
2-Nitroaniline	NC	NC	<	30.5	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U
2-Nitrophenol	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
3,3'-Dichlorobenzidine	NC	NC	<	30.5	U	<	0.72	U	<	0.7	U	<	0.7	U	<	0.73	U	<	0.7	U	<	0.69	U	<	0.72	U	<	0.75	U
3-Nitroaniline	NC	NC	<	30.5	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U
4,6-Dinitro-2-methylphenol	NC	NC	<	30.5	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U
4-Bromophenylphenyl ether	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
4-Chloro-3-methylphenol	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
4-Chloroaniline	NC	NC	<	30.5	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
4-Chlorophenylphenyl ether	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
4-Methylphenol	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	0.019	0.35	J	0.023	0.37	J	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
4-Nitroaniline	NC	NC	<	30.5	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U
4-Nitrophenol	NC	NC	<	12.1	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U
Acenaphthene	NC	NC	<	12.1	U	0.13	0.36	J	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Acenaphthylene	2500	84	<	12.1	U	0.016	0.36	J	<	0.35	U	0.017	0.35	J	<	0.37	U	0.069	0.35	J	0.021	0.35	J	<	0.36	U	<	0.38	U
Anthracene	2500	400	<	12.1	U	0.16	0.36	J	<	0.35	U	0.008	0.35	J	<	0.37	U	0.036	0.35	J	0.013	0.35	J	<	0.36	U	<	0.38	U
Benzo(b)fluoranthene	7.8	1	<	12.1	U	0.22	0.36	J	<	0.35	U	0.024	0.35	J	<	0.37	U	0.14	0.35	J	0.058	0.35	J	<	0.36	U	<	0.38	U
Benzo(g,h,I)fluoranthene	NC	NC	<	12.1	U	0.049	0.36	J	<	0.35	U	<	0.35	U	<	0.37	U	0.043	0.35	J	0.022	0.35	J	<	0.36	U	<	0.38	U
Benzo(a)anthracene	7.8	1	<	12.1	U	0.29	0.36	J	<	0.35	U	0.013	0.35	J	<	0.37	U	0.16	0.35	J	0.072	0.35	J	<	0.36	U	<	0.38	U
Benzo(a)pyrene	1	1	<	12.1	U	0.25	0.36	J	<	0.35	U	<	0.35	U	<	0.37	U	0.16	0.35	J	0.066	0.35	J	<	0.36	U	<	0.38	U
Benzo(k)fluoranthene	78	1	<	12.1	U	0.27	0.36	J	<	0.35	U	<	0.35	U	<	0.37	U	0.23	0.35	J	0.092	0.35	J	<	0.36	U	<	0.38	U
Benzoic acid	NC	NC	--			0.057	0.36	J	<	1.7	U	0.078	0.35	J	0.035	0.37	J	0.17	0.35	J	<	1.7	U	<	1.8	U	<	1.8	U
Benzyl alcohol	NC	NC	--			<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Bis(2-chloroethoxy) methane	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Bis(2-chloroethyl) ether	5.2	2.4	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Bis(2-chloroisopropyl) ether	82	2.4	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Bis(2-ethylhexyl) phthalate	410	11	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Butylbenzyl phthalate	2500	200	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Carbazole	NC	NC	<	12.1	U	0.07	0.36	J	<	0.35	U	<	0.35	U	<	0.37	U	0.008	0.35	J	<	0.35	U	<	0.36	U	<	0.38	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB07A1-1C			SB08A-1A			SB08A-1B			SB08A2A			SB08A2B			SB08A3A			SB08A3B			SB08C1-1A			SB08C1-1B		
Collect Date	ICC	PMC	12/17/98			1/7/99			1/7/99			1/11/99			1/11/99			1/11/99			1/11/99			1/5/99			1/5/99		
Sample Interval			2' - 4'			0'7" - 2'7"			4'7" - 6'7"			0'7" - 2'7"			2'7" - 4'7"			0'8" - 2'8"			2'8" - 4'8"			0'4" - 2'4"			4'4" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	12.1	U	0.28	0.36	J	<	0.35	U	0.02	0.35	J	<	0.37	U	0.19	0.35	J	0.084	0.35	J	<	0.36	U	<	0.38	U
Di-n-butyl phthalate	2500	140	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Di-n-octyl phthalate	2500	20	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Dibenz(a,h)anthracene	NC	NC	<	12.1	U	0.025	0.36	J	<	0.35	U	<	0.35	U	<	0.37	U	0.013	0.35	J	<	0.35	U	<	0.36	U	<	0.38	U
Dibenzofuran	NC	NC	<	12.1	U	0.05	0.36	J	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Diethyl phthalate	NC	NC	<	12.1	U	0.011	0.36	J	0.011	0.35	J	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Dimethyl phthalate	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	0.006	0.35	J	<	0.36	U	<	0.38	U
Fluoranthene	2500	56	<	12.1	U	0.54	0.36		<	0.35	U	0.022	0.35	J	<	0.37	U	0.26	0.35	J	0.13	0.35	J	0.003	0.36	J	<	0.38	U
Fluorene	2500	56	<	12.1	U	0.082	0.36	J	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Hexachlorobenzene	3.6	1	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Hexachlorobutadiene	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Hexachlorocyclopentadiene	NC	NC	<	30.5	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Hexachloroethane	410	1	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	12.1	U	0.058	0.36	J	<	0.35	U	<	0.35	U	<	0.37	U	0.04	0.35	J	0.02	0.35	J	<	0.36	U	<	0.38	U
Isophorone	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
N-Nitrosodi-n-propylamine	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
N-Nitrosodiphenylamine	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Napthalene	2500	56	<	12.1	U	0.059	0.36	J	<	0.35	U	0.008	0.35	J	0.01	0.37	J	0.004	0.35	J	<	0.35	U	<	0.36	U	<	0.38	U
Nitrobenzene	NC	NC	<	12.1	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.37	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.38	U
Pentachlorophenol	48	1	<	30.5	U	0.47	0.36	J	<	1.7	U	0.25	0.35	J	0.23	0.37	J	<	1.7	U	<	1.7	U	<	0.36	U	<	1.8	U
Phenanthrene	2500	40	<	12.1	U	0.57	0.36		<	0.35	U	0.022	0.35	J	0.016	0.37	J	0.079	0.35	J	0.032	0.35	J	<	1.8	U	<	0.38	U
Phenol	2500	800	<	12.1	U	<	0.36	U	<	0.35	U	0.012	0.35	J	0.008	0.37	J	0.008	0.35	J	<	0.35	U	<	0.36	U	<	0.38	U
Pyrene	2500	40	<	12.1	U	0.32	0.36	J	<	0.35	U	0.036	0.35	J	<	0.37	U	0.33	0.35	J	0.13	0.35	J	0.003	0.36	J	<	0.38	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																													
PCB 1016	NC	NC	--			<	0.0431	U	--			<	0.0429	U	--			<	0.0425	U	--			<	0.0437	U	--		
PCB 1221	NC	NC	--			<	0.0862	U	--			<	0.0858	U	--			<	0.0849	U	--			<	0.0874	U	--		
PCB 1232	NC	NC	--			<	0.0431	U	--			<	0.0429	U	--			<	0.0425	U	--			<	0.0437	U	--		
PCB 1242	NC	NC	--			<	0.0862	U	--			<	0.0858	U	--			<	0.0849	U	--			<	0.0874	U	--		
PCB 1248	NC	NC	--			<	0.0862	U	--			<	0.0858	U	--			<	0.0849	U	--			<	0.0874	U	--		
PCB 1254	NC	NC	--			<	0.0431	U	--			<	0.0429	U	--			<	0.0425	U	--			<	0.0437	U	--		
PCB 1260	NC	NC	--			<	0.0431	U	--			<	0.0429	U	--			0.0171	NR		--			<	0.0437	U	--		
TOTAL PETROLEUM HYDROCARBONS																													
Total Petroleum Hydrocarbons (TPH)	2500	NA	--			1610	NR		--			1300	NR		--			123	NR		--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB07A1-1C			SB08A-1A			SB08A-1B			SB08A2A			SB08A2B			SB08A3A			SB08A3B			SB08C1-1A			SB08C1-1B		
Collect Date	ICC	PMC	12/17/98			1/7/99			1/7/99			1/11/99			1/11/99			1/11/99			1/11/99			1/5/99			1/5/99		
Sample Interval			2' - 4'			0'7" - 2'7"			4'7" - 6'7"			0'7" - 2'7"			2'7" - 4'7"			0'8" - 2'8"			2'8" - 4'8"			0'4" - 2'4"			4'4" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																													
Aluminum	NC	NC	3800	NR		7420	NR		3380	NR		7520	NR		4630	NR		4740	NR		3900	NR		6560	NR		7050	NR	
Antimony	8200	0.06	<	12.3	U	30.2	0.01		7.92	0.01		25.2	0.01	J	12.5	0.01		22.4	0.01		14.7	0.01		<	10.9	U	<	11.4	U
Arsenic	10	0.5	1.08	NR		3.34	NR		<	1.09	U	2.56	NR		1.06	NR	J	1.04	NR		0.947	NR	J	2.8	NR		2.48	NR	
Barium	140000	10	9.66	NR		30.2	NR		7.92	NR		25.2	NR		12.5	NR		22.4	NR		14.7	NR		15.3	NR		14.7	NR	
Beryllium	2	0.04	0.213	NR	J	0.343	NR	J	0.192	NR	J	0.3	NR	J	0.249	NR	J	0.23	NR	J	0.212	NR	J	0.262	NR	J	0.265	NR	J
Cadmium	1000	0.05	<	1.23	U	<	1.08	U	<	1.09	U	<	1.07	U	<	1.08	U	<	1.06	U	<	1.06	U	<	1.09	U	<	1.14	U
Calcium	NC	NC	558	NR		2230	NR		356	NR		1480	NR		454	NR		754	NR		791	NR		363	NR		410	NR	
Chromium	51000	0.5	5.75	NR		11.9	NR		4.75	NR		13	NR		8.17	NR		7.58	NR		6.52	NR		7.65	NR		8.45	NR	
Cobalt	NC	NC	2.33	NR		6.52	NR		2.44	NR		7.82	NR		5.89	NR		4.35	NR		4.14	NR		3.59	NR		5.25	NR	
Copper	76000	13	7.38	NR		17.1	NR		5.6	NR		13.4	NR		8.21	NR		8.63	NR		8.56	NR		8.79	NR		10.8	NR	
Iron	NC	NC	6820	NR		10700	NR		4870	NR		10300	NR		8030	NR		7420	NR		6640	NR		9710	NR		11900	NR	
Lead	1000	0.15	2.48	NR		11.5	NR		2.17	NR		9.8	NR		3.13	NR		8.28	NR		5.27	NR		4.68	NR		4.8	NR	
Magnesium	NC	NC	1340	NR		2500	NR		1150	NR		2200	NR		1350	NR		1610	NR		1330	NR		1820	NR		2160	NR	
Manganese	NC	NC	87.9	NR		191	NR		70.1	NR		148	NR		105	NR		123	NR		116	NR		125	NR		219	NR	
Mercury	610	0.02	<	0.123	U	<	0.108	U	<	0.109	U	<	0.107	U	<	0.108	U	<	0.106	U	<	0.106	U	<	0.109	U	<	0.114	U
Nickel	7500	1	5.1	NR		8.89	NR		4.59	NR	J	8.39	NR		5.91	NR		5.82	NR		5.02	NR		5.96	NR		6.9	NR	
Potassium	NC	NC	306	NR		962	NR		451	NR	J	712	NR		510	NR	J	847	NR		672	NR		518	NR		608	NR	
Selenium	10000	0.5	<	1.23	U	<	1.08	U	<	1.09	U	<	1.07	U	<	1.08	U	<	1.06	U	<	1.06	U	<	1.09	U	<	1.14	U
Silver	10000	0.36	<	2.45	U	<	2.16	U	<	2.17	U	<	2.15	U	<	2.16	U	<	2.12	U	<	2.11	U	<	2.19	U	<	2.29	U
Sodium	NC	NC	70.7	NR		184	NR		45.4	NR	J	273	NR		108	NR	J	151	NR		114	NR		159	NR		141	NR	
Thallium	160	0.05	<	1.23	U	<	1.08	U	<	1.09	U	<	1.07	U	<	1.08	U	<	1.06	U	<	1.06	U	<	1.09	U	<	1.14	U
Vanadium	14000	0.5	8.59	NR		15.5	NR		6.39	NR		13.2	NR		9.62	NR		10	NR		8.81	NR		9.73	NR		14.2	NR	
Zinc	610000	50	16.9	NR		29.6	NR		11.8	NR		24.7	NR		13.5	NR		27.4	NR		19.3	NR		20.3	NR		22.7	NR	
METALS BY GRAPHITE FURNACE																													
Antimony	8200	0.06	<	1.47	U	<	1.29	U	<	1.3	U	<	1.29	U	<	1.29	U	<	1.27	U	<	1.27	U	<	1.31	U	<	1.37	U
OTHER PARAMETERS																													
Cation Excange Capacity	NC	NC	--			3.48	NR		--			4.67	NR		--			1.74	NR		--			--			--		
Cyanide	41000	NA	<	0.61	U	<	0.54	U	<	0.54	U	<	0.54	U	<	0.54	U	<	0.53	U	<	0.53	U	<	0.55	U	<	0.57	U
Total Organic Carbon (TOC)	NC	NC	--			0.291	0.00011		--			0.507	0.00011		--			0.234	0.00011		--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08C2-1A			SB08C2-1B			SB08C3-1A			SB08C3-1B			SB08C4-1A			SB08C4-1B			SB08D-1A			SB08D-1B		
Collect Date	ICC	PMC	1/7/99			1/7/99			1/4/99			1/4/99			1/11/99			1/11/99			1/7/99			1/7/99		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
1,1-Dichloroethylene	9.5	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	UJ	<	0.005	U	<	0.005	U
1,2-Dichloropropane	84	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
2-Butanone	1000	NA	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	0.006	0.004	J	0.004	0.006	J	<	0.009	U	<	0.009	U
2-Hexanone	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.008	U	<	0.011	U	<	0.009	U	<	0.009	U
Acetone	1000	NA	<	0.020	U	<	0.011	U	<	0.014	U	<	0.010	U	<	0.023	U	<	0.011	U	<	0.032	U	<	0.036	U
Benzene	200	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	0.001	0.005	J
Bromodichloromethane	NC	NC	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	UJ	<	0.006	UJ	<	0.005	U	<	0.005	U
Bromoform	720	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.008	U	<	0.011	U	<	0.009	U	<	0.009	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
Carbon tetrachloride	44	NA	<	0.005	UJ	<	0.004	UJ	<	0.004	UJ	<	0.005	UJ	<	0.004	UJ	<	0.006	UJ	<	0.005	UJ	<	0.005	UJ
Chlorobenzene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.008	U	<	0.011	U	<	0.009	U	<	0.009	U
Chloroform	940	NA	0.002	0.005	J	0.003	0.004	J	0.001	0.004	J	0.002	0.005	J	0.002	0.004	J	0.003	0.006	J	0.002	0.005	J	0.002	0.005	J
Chloromethane	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.008	U	<	0.011	U	<	0.009	U	<	0.009	U
cis-1,2-Dichloroethylene	100	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
Dibromochloromethane	68	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
Ethylbenzene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	NA	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.008	U	<	0.011	U	<	0.009	U	<	0.009	U
Methylene chloride	760	NA	<	0.010	U	<	0.009	U	<	0.009	U	<	0.005	U	<	0.008	U	<	0.011	U	<	0.009	U	<	0.009	U
Styrene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
Tetrachloroethylene	110	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	0.001	0.004	J	0.001	0.006	J	<	0.005	U	<	0.005	U
Toluene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U
Trichloroethylene	520	NA	0.006	0.005		0.008	0.004		0.001	0.004	J	<	0.005	U	<	0.004	U	<	0.006	U	0.001	0.005	J	<	0.005	U
Vinyl acetate	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.008	U	<	0.011	U	<	0.009	U	<	0.009	U
Vinyl chloride	3	NA	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.008	U	<	0.011	U	<	0.009	U	<	0.009	U
Xylenes, Total	1000	NA	<	0.005	U	<	0.004	U	0.001	0.004	J	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08C2-1A			SB08C2-1B			SB08C3-1A			SB08C3-1B			SB08C4-1A			SB08C4-1B			SB08D-1A			SB08D-1B		
Collect Date	ICC	PMC	1/7/99			1/7/99			1/4/99			1/4/99			1/11/99			1/11/99			1/7/99			1/7/99		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
1,2-Dichlorobenzene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	0.077	0.00000011	J	<	0.37	U	<	0.37	U
1,3-Dichlorobenzene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
1,4-Dichlorobenzene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
2,4,5-Trichlorophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U
2,4,6-Trichlorophenol	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
2,4-Dichlorophenol	2500	4	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
2,4-Dimethylphenol	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
2,4-Dinitrophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U
2,4-Dinitrotoluene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
2,6-Dinitrotoluene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
2-Chloronaphthalene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
2-Chlorophenol	2500	7.2	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
2-Methylnaphthalene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.008	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U
2-Methylphenol	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
2-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U
2-Nitrophenol	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
3,3'-Dichlorobenzidine	NC	NC	<	0.76	U	<	0.7	U	<	0.72	U	<	0.69	U	<	0.72	U	<	0.69	U	<	0.73	U	<	0.73	U
3-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U
4-Bromophenylphenyl ether	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
4-Chloro-3-methylphenol	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
4-Chloroaniline	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
4-Chlorophenylphenyl ether	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
4-Methylphenol	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
4-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U
4-Nitrophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U
Acenaphthene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Acenaphthylene	2500	84	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.026	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U
Anthracene	2500	400	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.018	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U
Benzo(b)fluoranthene	7.8	1	<	0.38	U	<	0.35	U	0.036	0.36	J	<	0.34	U	0.074	0.36	J	<	0.34	U	<	0.37	U	0.013	0.37	J
Benzo(g,h,I)fluoranthene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.027	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U
Benzo(a)anthracene	7.8	1	<	0.38	U	<	0.35	U	0.033	0.36	J	<	0.34	U	0.07	0.36	J	<	0.34	U	<	0.37	U	0.009	0.37	J
Benzo(a)pyrene	1	1	<	0.38	U	<	0.35	U	0.037	0.36	J	<	0.34	U	0.077	0.36	J	<	0.34	U	<	0.37	U	0.015	0.37	J
Benzo(k)fluoranthene	78	1	<	0.38	U	<	0.35	U	0.029	0.36	J	<	0.34	U	0.14	0.36	J	<	0.34	U	<	0.37	U	0.019	0.37	J
Benzoic acid	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U
Benzyl alcohol	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Bis(2-chloroethoxy) methane	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Butylbenzyl phthalate	2500	200	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Carbazole	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.006	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08C2-1A			SB08C2-1B			SB08C3-1A			SB08C3-1B			SB08C4-1A			SB08C4-1B			SB08D-1A			SB08D-1B		
Collect Date	ICC	PMC	1/7/99			1/7/99			1/4/99			1/4/99			1/11/99			1/11/99			1/7/99			1/7/99		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.38	U	<	0.35	U	0.04	0.36	J	<	0.34	U	0.088	0.36	J	0.005	0.34	J	<	0.37	U	0.008	0.37	J
Di-n-butyl phthalate	2500	140	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Di-n-octyl phthalate	2500	20	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	0.007	0.37	J
Dibenz(a,h)anthracene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Dibenzofuran	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Diethyl phthalate	NC	NC	0.012	0.38	J	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	0.008	0.37	J	<	0.37	U
Dimethyl phthalate	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.005	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U
Fluoranthene	2500	56	<	0.38	U	<	0.35	U	0.035	0.36	J	<	0.34	U	0.13	0.36	J	<	0.34	U	<	0.37	U	0.012	0.37	J
Fluorene	2500	56	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Hexachlorobenzene	3.6	1	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Hexachlorobutadiene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Hexachlorocyclopentadiene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Hexachloroethane	410	1	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.019	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U
Isophorone	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
N-Nitrosodiphenylamine	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Napthalene	2500	56	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.006	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U
Nitrobenzene	NC	NC	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.36	U	<	0.34	U	<	0.37	U	<	0.37	U
Pentachlorophenol	48	1	<	1.8	U	<	1.7	U	<	1.7	U	<	0.34	U	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U
Phenanthrene	2500	40	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.056	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U
Phenol	2500	800	<	0.38	U	<	0.35	U	<	0.36	U	<	0.34	U	0.007	0.36	J	<	0.34	U	<	0.37	U	<	0.37	U
Pyrene	2500	40	<	0.38	U	<	0.35	U	0.058	0.36	J	<	1.7	U	0.16	0.36	J	0.004	0.34	J	<	0.37	U	0.008	0.37	J
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0443	U	--			<	0.0435	U	--			<	0.0437	U	--			<	0.0447	U	--		
PCB 1221	NC	NC	<	0.0887	U	--			<	0.0871	U	--			<	0.0874	U	--			<	0.0894	U	--		
PCB 1232	NC	NC	<	0.0443	U	--			<	0.0435	U	--			<	0.0437	U	--			<	0.0447	U	--		
PCB 1242	NC	NC	<	0.0887	U	--			<	0.0871	U	--			<	0.0874	U	--			<	0.0894	U	--		
PCB 1248	NC	NC	<	0.0887	U	--			<	0.0871	U	--			<	0.0874	U	--			<	0.0894	U	--		
PCB 1254	NC	NC	<	0.0443	U	--			<	0.0435	U	--			<	0.0437	U	--			<	0.0447	U	--		
PCB 1260	NC	NC	<	0.0443	U	--			<	0.0435	U	--			0.0176	NR		--			0.371	NR		--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	NA	--			--			11.5	NR		--			150	NR		--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08C2-1A			SB08C2-1B			SB08C3-1A			SB08C3-1B			SB08C4-1A			SB08C4-1B			SB08D-1A			SB08D-1B		
Collect Date	ICC	PMC	1/7/99			1/7/99			1/4/99			1/4/99			1/11/99			1/11/99			1/7/99			1/7/99		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	6360	NR		3490	NR		5760	NR		2780	NR		8030	NR		3750	NR		6900	NR		4330	NR	
Antimony	8200	0.06	12.3	0.01		8.85	0.01		<	10.9	U	<	10.4	U	184	0.01		12.4	0.01		17.6	0.01		12.3	0.01	
Arsenic	10	0.5	1.67	NR		<	1.05	U	2.02	NR		0.634	NR	J	15.6	NR		0.836	NR	J	1.87	NR		1.03	NR	J
Barium	140000	10	12.3	NR		8.85	NR		14.7	NR		15.7	NR		184	NR		12.4	NR		17.6	NR		12.3	NR	
Beryllium	2	0.04	0.282	NR	J	0.189	NR	J	0.246	NR	J	0.181	NR	J	0.257	NR	J	0.186	NR	J	0.296	NR	J	0.219	NR	J
Cadmium	1000	0.05	<	1.11	U	<	1.05	U	0.163	NR	J	0.0943	NR	J	2.8	NR		0.13	NR	J	<	1.12	U	0.182	NR	J
Calcium	NC	NC	431	NR		305	NR		674	NR		458	NR		70700	NR		1500	NR		12700	NR		569	NR	
Chromium	51000	0.5	7.23	NR		4.94	NR		8	NR		4.56	NR		457	NR		80.1	NR		11.1	NR		44.8	NR	
Cobalt	NC	NC	4.93	NR		2.88	NR		4.42	NR		5.07	NR		4.01	NR		3.1	NR		4.29	NR		3.81	NR	
Copper	76000	13	9.1	NR		5.31	NR		13.9	NR		6.81	NR		38.5	NR		7.87	NR		8.5	NR		7.76	NR	
Iron	NC	NC	10000	NR		5790	NR		970	NR		5240	NR		35400	NR		6400	NR		9970	NR		6740	NR	
Lead	1000	0.15	4.61	NR		2.36	NR		4.9	NR		2.93	NR		137	NR		12.9	NR		4.73	NR		3.45	NR	
Magnesium	NC	NC	1930	NR		1030	NR		2150	NR		1160	NR		11500	NR		1250	NR		3550	NR		1390	NR	
Manganese	NC	NC	155	NR		101	NR		135	NR		120	NR		13000	NR		221	NR		158	NR		124	NR	
Mercury	610	0.02	<	0.111	U	<	0.105	U	<	0.109	U	<	0.104	U	<	0.109	U	<	0.105	U	<	0.112	U	<	0.11	U
Nickel	7500	1	6.18	NR		3.53	NR	J	7.34	NR		3.77	NR		9.84	NR		8.87	NR		6.31	NR		4.26	NR	J
Potassium	NC	NC	657	NR		420	NR	J	653	NR		441	NR		862	NR		518	NR	J	603	NR		595	NR	
Selenium	10000	0.5	<	1.11	U	<	1.05	U	<	1.04	U	<	1.04	U	<	1.09	U	<	1.05	U	<	1.12	U	<	1.1	U
Silver	10000	0.36	<	2.22	U	<	2.1	U	<	2.18	U	<	2.08	U	<	2.19	U	<	2.09	U	<	2.23	U	<	2.19	U
Sodium	NC	NC	63.2	NR	J	59.8	NR	J	252	NR		94.9	NR		222	NR		93.2	NR	J	104	NR	J	56.6	NR	J
Thallium	160	0.05	<	1.11	U	<	1.05	U	<	1.04	U	<	1.04	U	<	1.09	U	<	1.05	U	<	1.12	U	<	1.1	U
Vanadium	14000	0.5	10.4	NR		6.93	NR		11.4	NR		5.93	NR		657	NR		13	NR		13.1	NR		8.25	NR	
Zinc	610000	50	25.1	NR		12.1	NR		23.2	NR		11	NR		220	NR		17	NR		30	NR		17.2	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.33	U	<	1.26	U	<	1.31	U	<	1.25	U	<	1.31	U	<	1.26	U	<	1.34	U	<	1.31	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			2.77	NR		--			2.83	NR		--			--			--		
Cyanide	41000	NA	<	0.55	U	<	0.52	U	<	0.54	U	<	0.52	U	<	0.55	U	<	0.52	U	<	0.56	U	<	0.55	U
Total Organic Carbon (TOC)	NC	NC	--			--			0.099	0.00011		--			0.318	0.00011		--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08D2-A			SB08D2B			SB08E1-1A			SB08E1-1B			SB08E1-2A			SB08E1-2B			SB08F1-1A			SB08F1-1B			SB08F1-2A		
Collect Date	ICC	PMC	1/11/99			1/11/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0.4' - 2.4'			2.4' - 4.4'			1'1" - 3'1"			3'1" - 5'1"			0'6" - 2'6"			2'6" - 4'6"			1'1" - 3'1"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																													
1,1,1-Trichloroethane	1000	NA	0.001	0.005	J	0.004	0.004	J	<	0.004	U	<	0.005	U	0.008	0.006		0.008	0.005		0.340	0.005	E	0.002	0.005	J	0.001	0.005	J
1,1,2,2-Tetrachloroethane	220	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	0.001	0.005	J	<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	0.002	0.005	J	0.012	0.005		<	0.005	U	<	0.005	U
1,1-Dichloroethylene	9.5	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	0.001	0.005	J	0.001	0.005	J	<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	NA	<	0.005	UJ	<	0.004	UJ	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,2-Dichloropropane	84	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
2-Butanone	1000	NA	0.004	0.005	J	0.003	0.004	J	0.005	0.004	J	0.004	0.005	J	0.007	0.006	J	0.004	0.005	J	0.009	0.005	J	0.004	0.005	J	0.008	0.005	J
2-Hexanone	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.009	U
Acetone	1000	NA	<	0.017	U	<	0.009	U	<	0.020	U	<	0.010	U	<	0.030	U	<	0.012	U	<	0.035	U	<	0.014	U	<	0.031	U
Benzene	200	NA	<	0.005	U	<	0.004	U	<	0.004	U	0.001	0.005	J	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	UJ	<	0.004	UJ	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Bromoform	720	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.011	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.009	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ
Carbon tetrachloride	44	NA	<	0.005	UJ	<	0.004	UJ	<	0.004	UJ	<	0.005	UJ	<	0.006	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ
Chlorobenzene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.009	U
Chloroform	940	NA	0.001	0.005	J	0.002	0.004	J	0.003	0.004	J	0.002	0.005	J	0.003	0.006	J	0.002	0.005	J	0.003	0.005	J	0.003	0.005	J	0.003	0.005	J
Chloromethane	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.009	U
cis-1,2-Dichloroethylene	100	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	0.016	0.005		<	0.005	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Dibromochloromethane	68	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Ethylbenzene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	NA	0.002	0.005	J	<	0.009	U	0.002	0.004	J	0.002	0.005	J	0.002	0.006	J	0.001	0.005	J	<	0.009	U	<	0.011	U	<	0.009	U
Methylene chloride	760	NA	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.009	U
Styrene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Tetrachloroethylene	110	NA	0.002	0.005	J	0.004	0.004	J	<	0.004	U	<	0.005	U	0.001	0.006	J	<	0.005	U	0.003	0.005	J	<	0.005	U	<	0.005	U
Toluene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Trichloroethylene	520	NA	<	0.005	U	0.008	0.004		0.003	0.004	J	0.001	0.005	J	0.006	0.006		0.002	0.005	J	0.290	0.005	E	0.001	0.005	J	0.001	0.005	J
Vinyl acetate	NC	NC	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.009	U
Vinyl chloride	3	NA	<	0.010	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.009	U
Xylenes, Total	1000	NA	<	0.005	U	<	0.004	U	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08D2-A			SB08D2B			SB08E1-1A			SB08E1-1B			SB08E1-2A			SB08E1-2B			SB08F1-1A			SB08F1-1B			SB08F1-2A		
Collect Date	ICC	PMC	1/11/99			1/11/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0.4' - 2.4'			2.4' - 4.4'			1'1" - 3'1"			3'1" - 5'1"			0'6" - 2'6"			2'6" - 4'6"			1'1" - 3'1"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																													
1,2,4-Trichlorobenzene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
1,2-Dichlorobenzene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
1,3-Dichlorobenzene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
1,4-Dichlorobenzene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2,4,5-Trichlorophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.7	U	<	1.9	U
2,4,6-Trichlorophenol	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2,4-Dichlorophenol	2500	4	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2,4-Dimethylphenol	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2,4-Dinitrophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.7	U	<	1.9	U
2,4-Dinitrotoluene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2,6-Dinitrotoluene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2-Chloronaphthalene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2-Chlorophenol	2500	7.2	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2-Methylnaphthalene	NC	NC	<	0.37	U	0.009	0.35	J	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2-Methylphenol	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
2-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.7	U	<	1.9	U
2-Nitrophenol	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
3,3'-Dichlorobenzidine	NC	NC	<	0.74	U	<	0.71	U	<	0.72	U	<	0.76	U	<	0.76	U	<	0.76	U	<	0.72	U	<	0.71	U	<	0.78	U
3-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.7	U	<	1.9	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.7	U	<	1.9	U
4-Bromophenylphenyl ether	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
4-Chloro-3-methylphenol	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
4-Chloroaniline	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
4-Chlorophenylphenyl ether	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
4-Methylphenol	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
4-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.7	U	<	1.9	U
4-Nitrophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.7	U	<	1.9	U
Acenaphthene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Acenaphthylene	2500	84	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Anthracene	2500	400	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.007	0.38	J	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Benzo(b)fluoranthene	7.8	1	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.024	0.38	J	0.008	0.38	J	<	0.36	U	<	0.35	U	<	0.39	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.02	0.38	J	0.011	0.38	J	<	0.36	U	<	0.35	U	<	0.39	U
Benzo(a)anthracene	7.8	1	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.027	0.38	J	0.011	0.38	J	<	0.36	U	<	0.35	U	<	0.39	U
Benzo(a)pyrene	1	1	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.026	0.38	J	0.01	0.38	J	<	0.36	U	<	0.35	U	<	0.39	U
Benzo(k)fluoranthene	78	1	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.027	0.38	J	0.012	0.38	J	<	0.36	U	<	0.35	U	<	0.39	U
Benzoic acid	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.7	U	<	1.9	U
Benzyl alcohol	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Bis(2-chloroethoxy) methane	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Butylbenzyl phthalate	2500	200	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Carbazole	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.004	0.38	J	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U

Table C-1
Soil Sampling Results
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Field ID	CTDEP	CTDEP	SB08D2-A			SB08D2B			SB08E1-1A			SB08E1-1B			SB08E1-2A			SB08E1-2B			SB08F1-1A			SB08F1-1B			SB08F1-2A		
Collect Date	ICC	PMC	1/11/99			1/11/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0.4' - 2.4'			2.4' - 4.4'			1'1" - 3'1"			3'1" - 5'1"			0'6" - 2'6"			2'6" - 4'6"			1'1" - 3'1"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.032	0.38	J	0.015	0.38	J	<	0.36	U	<	0.35	U	<	0.39	U
Di-n-butyl phthalate	2500	140	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Di-n-octyl phthalate	2500	20	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	0.006	0.35	J	<	0.39	U
Dibenz(a,h)anthracene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.006	0.38	J	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Dibenzofuran	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Diethyl phthalate	NC	NC	<	0.37	U	<	0.35	U	<	0.006	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Dimethyl phthalate	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Fluoranthene	2500	56	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.054	0.38	J	0.022	0.38	J	0.016	0.36	J	<	0.35	U	0.006	0.39	J
Fluorene	2500	56	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Hexachlorobenzene	3.6	1	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Hexachlorobutadiene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Hexachlorocyclopentadiene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Hexachloroethane	410	1	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.016	0.38	J	0.007	0.38	J	<	0.36	U	<	0.35	U	<	0.39	U
Isophorone	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
N-Nitrosodiphenylamine	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Napthalene	2500	56	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Nitrobenzene	NC	NC	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Pentachlorophenol	48	1	<	1.8	U	<	1.7	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.8	U	<	1.7	U	<	1.9	U
Phenanthrene	2500	40	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.028	0.38	J	0.011	0.38	J	0.011	0.36	J	<	0.35	U	<	0.39	U
Phenol	2500	800	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	<	0.38	U	<	0.38	U	<	0.36	U	<	0.35	U	<	0.39	U
Pyrene	2500	40	<	0.37	U	<	0.35	U	<	0.36	U	<	0.38	U	0.047	0.38	J	0.018	0.38	J	0.03	0.36	J	<	0.35	U	0.014	0.39	J
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																													
PCB 1016	NC	NC	<	0.0457	U	--			<	0.044	U	--			<	0.0461	U	--			<	0.0448	U	--			<	0.0467	U
PCB 1221	NC	NC	<	0.0914	U	--			<	0.0879	U	--			<	0.0923	U	--			<	0.0896	U	--			<	0.0935	U
PCB 1232	NC	NC	<	0.0457	U	--			<	0.044	U	--			<	0.0461	U	--			<	0.0448	U	--			<	0.0467	U
PCB 1242	NC	NC	<	0.0914	U	--			<	0.0879	U	--			<	0.0923	U	--			<	0.0896	U	--			<	0.0935	U
PCB 1248	NC	NC	<	0.0914	U	--			<	0.0879	U	--			<	0.0923	U	--			<	0.0896	U	--			<	0.0935	U
PCB 1254	NC	NC	<	0.0457	U	--			<	0.044	U	--			<	0.0461	U	--			<	0.0448	U	--			<	0.0467	U
PCB 1260	NC	NC	<	0.0457	U	--			<	0.044	U	--			<	0.0461	U	--			<	0.0448	U	--			<	0.0467	U
TOTAL PETROLEUM HYDROCARBONS																													
Total Petroleum Hydrocarbons (TPH)	2500	NA	<	10.9	U	--			--			--			--			--			--			--			26	NR	

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Field ID	CTDEP	CTDEP	SB08D2-A			SB08D2B			SB08E1-1A			SB08E1-1B			SB08E1-2A			SB08E1-2B			SB08F1-1A			SB08F1-1B			SB08F1-2A		
Collect Date	ICC	PMC	1/11/99			1/11/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99			1/5/99		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0.4' - 2.4'			2.4' - 4.4'			1'1" - 3'1"			3'1" - 5'1"			0'6" - 2'6"			2'6" - 4'6"			1'1" - 3'1"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																													
Aluminum	NC	NC	7820	NR		5190	NR		6210	NR		2480	NR		8170	NR		6300	NR		8560	NR		4340	NR		8000	NR	
Antimony	8200	0.06	19.9	0.01		11.9	0.01		<	11	U	<	11.7	U	<	11.5	U				<	11.2	U	<	10.6	U	<	11.7	U
Arsenic	10	0.5	2.58	NR		1.76	NR		3.26	NR		<	1.17	U	3.04	NR		1.93	NR		3.62	NR		0.926	NR	J	2.94	NR	
Barium	140000	10	19.9	NR		11.9	NR		15.3	NR		10.5	NR		19.4	NR		13.7	NR		23.4	NR		9.85	NR		23.6	NR	
Beryllium	2	0.04	0.35	NR	J	0.286	NR	J	0.276	NR	J	0.145	NR	J	0.338	NR	J	0.266	NR	J	0.354	NR	J	0.224	NR	J	0.337	NR	J
Cadmium	1000	0.05	<	1.14	U	<	1.07	U	0.11	NR	J	<	1.17	U	<	1.15	U	0.181	NR	J	0.119	NR	J	0.0912	NR	J	<	1.17	U
Calcium	NC	NC	857	NR		503	NR		482	NR		375	NR		704	NR		964	NR		851	NR		430	NR		187	NR	
Chromium	51000	0.5	85	NR		32.8	NR		8.5	NR		4.5	NR		9.78	NR		8.48	NR		14.2	NR		5.76	NR		9.88	NR	
Cobalt	NC	NC	8.34	NR		4.4	NR		4.51	NR		2.51	NR		5.75	NR		4.59	NR		7.88	NR		3.17	NR		7.18	NR	
Copper	76000	13	9.82	NR		8.94	NR		10.7	NR		6.55	NR		10.7	NR		10.8	NR		16.6	NR		5.81	NR		12.6	NR	
Iron	NC	NC	11500	NR		9650	NR		9700	NR		5320	NR		12000	NR		11400	NR		13600	NR		6670	NR		13200	NR	
Lead	1000	0.15	5.73	NR		3.75	NR		4.14	NR		1.78	NR		5.91	NR		4.54	NR		6.78	NR		14.5	NR		6.47	NR	
Magnesium	NC	NC	2170	NR		1570	NR		2070	NR		973	NR		2270	NR		1960	NR		3590	NR		1340	NR		2620	NR	
Manganese	NC	NC	159	NR		151	NR		150	NR		77	NR		171	NR		140	NR		226	NR		108	NR		227	NR	
Mercury	610	0.02	<	0.114	U	<	0.107	U	<	0.11	U	0.622	NR		0.0685	NR	J	<	0.115	U	<	0.112	U	<	0.106	U	<	0.117	U
Nickel	7500	1	7.6	NR		6.9	NR		7.83	NR		3.99	NR		8.83	NR		8.04	NR		13.8	NR		4.02	NR		10.7	NR	
Potassium	NC	NC	823	NR		602	NR		741	NR		558	NR		663	NR		559	NR		1160	NR		389	NR		871	NR	
Selenium	10000	0.5	<	1.14	U	<	1.07	U	<	1.1	U	<	1.17	U	<	1.15	U	<	1.15	U	<	1.12	U	<	1.06	U	<	1.17	U
Silver	10000	0.36	<	2.29	U	<	2.14	U	<	2.2	U	<	2.34	U	<	2.31	U	<	2.3	U	<	2.24	U	<	2.11	U	<	2.34	U
Sodium	NC	NC	153	NR		89.6	NR	J	222	NR		62.1	NR		127	NR		100	NR		310	NR		105	NR		338	NR	
Thallium	160	0.05	<	1.14	U	<	1.07	U	<	1.1	U	<	1.17	U	<	1.15	U	<	1.15	U	<	1.12	U	<	1.06	U	<	1.17	U
Vanadium	14000	0.5	12.8	NR		11.3	NR		11.1	NR		5.89	NR		12.7	NR		12.9	NR		17.4	NR		8.68	NR		13.9	NR	
Zinc	610000	50	25.2	NR		14.1	NR		20	NR		9.61	NR		24.8	NR		19.8	NR		33.3	NR		13.1	NR		33.5	NR	
METALS BY GRAPHITE FURNACE																													
Antimony	8200	0.06	<	1.37	U	<	1.28	U	<	1.32	U	<	1.4	U	<	1.38	U	--			<	1.34	U	<	1.27	U	<	1.4	U
OTHER PARAMETERS																													
Cation Excange Capacity	NC	NC	5.11	NR		--			--			--			--			--			--			--			4.88	NR	
Cyanide	41000	NA	<	0.57	U	<	0.54	U	<	0.55	U	<	0.58	U	<	0.58	U	<	0.57	U	<	0.56	U	<	0.53	U	<	0.58	U
Total Organic Carbon (TOC)	NC	NC	0.231	0.00011		--			--			--			--			--			--			--			0.214	0.00011	

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08F1-2B			SB08G1-1A			SB08G1-1B			SB08H1-1A			SB08H1-1C			SB08H1-2A			SB08H1-2C			SB08I1-1A			SB08I1-1A		
Collect Date	ICC	PMC	1/5/99			1/4/99			1/4/99			1/4/99			1/4/99			1/5/99			1/5/99			1/4/99			1/4/99		
Sample Interval			3'1" - 5'1"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			4'6" - 6'6"			0.4' - 2.4'			4.4' - 6.4'			0'7" - 2'7"			0'7" - 2'7"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																													
1,1,1-Trichloroethane	1000	NA	<	0.005	U	0.005	0.005		<	0.005	U	0.022	0.005		<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
1,1,2,2-Tetrachloroethane	220	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
1,1,2-Trichloroethane	100	NA	<	0.005	U	0.002	0.005	J	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
1,1-Dichloroethane	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	0.001	0.005	J	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
1,1-Dichloroethylene	9.5	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
1,2-Dichloroethane	63	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
1,2-Dichloropropane	84	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
2-Butanone	1000	NA	0.008	0.005	J	<	0.009	U	<	0.010	U	0.008	0.005	J	0.005	0.004	J	0.005	0.005	J	0.026	0.005	J	0.004	0.005	J	--		
2-Hexanone	NC	NC	<	0.010	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	0.004	0.005	J	<	0.010	U	--		
Acetone	1000	NA	<	0.030	U	<	0.020	U	<	0.016	U	<	0.024	U	<	0.011	U	<	0.013	U	<	0.041	U	<	0.021	U	--		
Benzene	200	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Bromodichloromethane	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Bromoform	720	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Bromomethane	NC	NC	<	0.010	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.010	U	--		
Carbon disulfide	NC	NC	<	0.005	UJ	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.006	UJ	<	0.005	UJ	<	0.005	U	<	0.005	U	--		
Carbon tetrachloride	44	NA	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	0.005	UJ	<	0.006	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	U	--		
Chlorobenzene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Chloroethane	NC	NC	<	0.010	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.010	U	--		
Chloroform	940	NA	0.003	0.005	J	0.003	0.005	J	0.002	0.005	J	0.003	0.005	J	0.008	0.004		0.003	0.005	J	0.003	0.005	J	0.004	0.005	J	--		
Chloromethane	NC	NC	<	0.010	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.011		<	0.010	U	<	0.011	U	<	0.010	U	--		
cis-1,2-Dichloroethylene	100	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Dibromochloromethane	68	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Ethylbenzene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Methyl isobutyl ketone	1000	NA	<	0.010	U	0.001	0.005	J	<	0.010	U	0.004	0.005	J	0.005	0.004	J	<	0.010	U	0.004	0.005	J	<	0.010	U	--		
Methylene chloride	760	NA	<	0.010	U	<	0.005	U	<	0.005	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.005	U	--		
Styrene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Tetrachloroethylene	110	NA	<	0.005	U	0.000	0.005	J	<	0.005	U	0.001	0.005	J	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Toluene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
trans-1,2-Dichloroethylene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		
Trichloroethylene	520	NA	0.001	0.005	J	0.014	0.005		0.001	0.005	J	0.016	0.005		0.001	0.004	J	0.002	0.005	J	0.003	0.005	J	0.001	0.005	J	--		
Vinyl acetate	NC	NC	<	0.010	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.010	U	--		
Vinyl chloride	3	NA	<	0.010	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.010	U	--		
Xylenes, Total	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08F1-2B			SB08G1-1A			SB08G1-1B			SB08H1-1A			SB08H1-1C			SB08H1-2A			SB08H1-2C			SB08I1-1A			SB08I1-1A		
Collect Date	ICC	PMC	1/5/99			1/4/99			1/4/99			1/4/99			1/4/99			1/5/99			1/5/99			1/4/99			1/4/99		
Sample Interval			3'1" - 5'1"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			4'6" - 6'6"			0.4' - 2.4'			4.4' - 6.4'			0'7" - 2'7"			0'7" - 2'7"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																													
1,2,4-Trichlorobenzene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
1,2-Dichlorobenzene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
1,3-Dichlorobenzene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
1,4-Dichlorobenzene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2,4,5-Trichlorophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U	--			--		
2,4,6-Trichlorophenol	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2,4-Dichlorophenol	2500	4	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2,4-Dimethylphenol	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2,4-Dinitrophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U	--			--		
2,4-Dinitrotoluene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2,6-Dinitrotoluene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2-Chloronaphthalene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2-Chlorophenol	2500	7.2	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2-Methylnaphthalene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	0.026	0.35	J	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2-Methylphenol	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
2-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U	--			--		
2-Nitrophenol	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
3,3'-Dichlorobenzidine	NC	NC	<	0.76	U	<	0.72	U	<	0.72	U	<	0.69	U	<	0.71	U	<	0.72	U	<	0.72	U	--			--		
3-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U	--			--		
4,6-Dinitro-2-methylphenol	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U	--			--		
4-Bromophenylphenyl ether	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
4-Chloro-3-methylphenol	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
4-Chloroaniline	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
4-Chlorophenylphenyl ether	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
4-Methylphenol	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
4-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U	--			--		
4-Nitrophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U	--			--		
Acenaphthene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	0.26	0.35	J	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Acenaphthylene	2500	84	<	0.38	U	<	0.36	U	<	0.36	U	0.004	0.35	J	<	0.35	U	<	0.36	U	<	0.36	U	0.005	0.36	J	--		
Anthracene	2500	400	0.003	0.38	J	<	0.36	U	0.001	0.36	J	0.4	0.35		<	0.35	U	<	0.36	U	<	0.36	U	0.007	0.36	J	--		
Benzo(b)fluoranthene	7.8	1	<	0.38	U	<	0.36	U	<	0.36	U	0.71	0.35		<	0.35	U	0.033	0.36	J	<	0.36	U	0.035	0.36	J	--		
Benzo(g,h,I)fluoranthene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	0.4	0.35		<	0.35	U	<	0.36	U	<	0.36	U	0.025	0.36	J	--		
Benzo(a)anthracene	7.8	1	0.013	0.38	J	<	0.36	U	<	0.36	U	0.88	0.35		<	0.35	U	0.021	0.36	J	<	0.36	U	0.031	0.36	J	--		
Benzo(a)pyrene	1	1	<	0.38	U	<	0.36	U	<	0.36	U	0.68	0.35		<	0.35	U	0.074	0.36	J	<	0.36	U	0.032	0.36	J	--		
Benzo(k)fluoranthene	78	1	<	0.38	U	<	0.36	U	<	0.36	U	0.75	0.35		<	0.35	U	0.028	0.36	J	<	0.36	U	0.041	0.36	J	--		
Benzoic acid	NC	NC	<	1.8	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.8	U	<	1.8	U	--			--		
Benzyl alcohol	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Bis(2-chloroethyl) ether	5.2	2.4	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Bis(2-chloroisopropyl) ether	82	2.4	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Bis(2-ethylhexyl) phthalate	410	11	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Butylbenzyl phthalate	2500	200	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Carbazole	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	0.26	0.35	J	<	0.35	U	<	0.36	U	<	0.36	U	0.005	0.36	J	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08F1-2B			SB08G1-1A			SB08G1-1B			SB08H1-1A			SB08H1-1C			SB08H1-2A			SB08H1-2C			SB08I1-1A			SB08I1-1A		
Collect Date	ICC	PMC	1/5/99			1/4/99			1/4/99			1/4/99			1/4/99			1/5/99			1/5/99			1/4/99			1/4/99		
Sample Interval			3'1" - 5'1"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			4'6" - 6'6"			0.4' - 2.4'			4.4' - 6.4'			0'7" - 2'7"			0'7" - 2'7"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	0.012	0.38	J	<	0.36	U	<	0.36	U	1.1	0.35		<	0.35	U	0.048	0.36	J	<	0.36	U	0.039	0.36	J	--		
Di-n-butyl phthalate	2500	140	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Di-n-octyl phthalate	2500	20	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Dibenz(a,h)anthracene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	0.17	0.35	J	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Dibenzofuran	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	0.12	0.35	J	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Diethyl phthalate	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Dimethyl phthalate	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Fluoranthene	2500	56	0.019	0.38	J	<	0.36	U	<	0.36	U	1.5	0.35		<	0.35	U	0.035	0.36	J	<	0.36	U	0.061	0.36	J	--		
Fluorene	2500	56	<	0.38	U	<	0.36	U	<	0.36	U	0.19	0.35	J	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Hexachlorobenzene	3.6	1	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Hexachlorobutadiene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Hexachlorocyclopentadiene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Hexachloroethane	410	1	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	0.32	0.35	J	<	0.35	U	<	0.36	U	<	0.36	U	0.021	0.36	J	--		
Isophorone	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
N-Nitrosodi-n-propylamine	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
N-Nitrosodiphenylamine	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Napthalene	2500	56	<	0.38	U	<	0.36	U	<	0.36	U	0.025	0.35	J	<	0.35	U	0.004	0.36	J	<	0.36	U	--			--		
Nitrobenzene	NC	NC	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Pentachlorophenol	48	1	<	1.8	U	<	0.36	U	<	0.36	U	<	1.7	U	<	0.35	U	<	1.8	U	<	0.36	U	--			--		
Phenanthrene	2500	40	0.014	0.38	J	<	0.36	U	0.004	0.36	J	2.2	0.35		<	0.35	U	0.018	0.36	J	<	0.36	U	0.026	0.36	J	--		
Phenol	2500	800	<	0.38	U	<	0.36	U	<	0.36	U	<	0.35	U	<	0.35	U	<	0.36	U	<	0.36	U	--			--		
Pyrene	2500	40	0.036	0.38	J	<	1.7	U	<	1.8	U	2.4	0.35		<	1.7	U	0.046	0.36	J	<	1.8	U	0.081	0.36	J	--		
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																													
PCB 1016	NC	NC	--			<	0.0445	U	--			<	0.0429	U	--			<	0.0436	U	--			<	0.862	U	<	0.02	U
PCB 1221	NC	NC	--			<	0.0891	U	--			<	0.0857	U	--			<	0.0872	U	--			<	1.72	U	<	0.02	U
PCB 1232	NC	NC	--			<	0.0445	U	--			<	0.0429	U	--			<	0.0436	U	--			<	0.862	U	<	0.01	U
PCB 1242	NC	NC	--			<	0.0891	U	--			<	0.0857	U	--			<	0.0872	U	--			<	1.72	U	<	0.01	U
PCB 1248	NC	NC	--			<	0.0891	U	--			<	0.0857	U	--			<	0.0872	U	--			<	1.72	U	<	0.01	U
PCB 1254	NC	NC	--			<	0.0445	U	--			<	0.0429	U	--			<	0.0436	U	--			<	0.862	U	<	0.01	U
PCB 1260	NC	NC	--			<	0.0445	U	--			<	0.0429	U	--			<	0.0436	U	--			0.375	NR		<	0.01	U
TOTAL PETROLEUM HYDROCARBONS																													
Total Petroleum Hydrocarbons (TPH)	2500	NA	--			--			--			120	NR		--			--			--			85.1	NR		--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08F1-2B			SB08G1-1A			SB08G1-1B			SB08H1-1A			SB08H1-1C			SB08H1-2A			SB08H1-2C			SB08I1-1A			SB08I1-1A		
Collect Date	ICC	PMC	1/5/99			1/4/99			1/4/99			1/4/99			1/4/99			1/5/99			1/5/99			1/4/99			1/4/99		
Sample Interval			3'1" - 5'1"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			4'6" - 6'6"			0.4' - 2.4'			4.4' - 6.4'			0'7" - 2'7"			0'7" - 2'7"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																													
Aluminum	NC	NC	6430	NR		11700	NR		2770	NR		7420	NR		2940	NR		7950	NR		2710	NR		7550	NR		--		
Antimony	8200	0.06	<	11.5	U	<	11.1	U	<	10.2	U	<	10.7	U	<	10.8	U	<	10.9	U	<	10.8	U	<	10.8	U	--		
Arsenic	10	0.5	2.1	NR		6.33	NR		0.698	NR		5.06	NR		0.748	NR	J	6.04	NR		1.6	NR		3.69	NR		--		
Barium	140000	10	15.4	NR		58.5	NR		7.95	NR		23.9	NR		12	NR		27.8	NR		7.33	NR		20.9	NR		--		
Beryllium	2	0.04	0.29	NR	J	0.468	NR	J	0.178	NR	J	0.326	NR	J	0.155	NR	J	0.305	NR	J	0.143	NR	J	0.33	NR	J	--		
Cadmium	1000	0.05	0.176	NR	J	<	1.11	U	<	1.02	U	0.307	NR	J	0.115	NR	J	<	1.09	U	0.169	NR	J	0.201	NR	J	--		
Calcium	NC	NC	877	NR		1020	NR		503	NR		891	NR		407	NR		826	NR		435	NR		1590	NR		--		
Chromium	51000	0.5	8.07	NR		29.6	NR		4.07	NR		11.9	NR		4.76	NR		12.2	NR		4.52	NR		9.69	NR		--		
Cobalt	NC	NC	4.85	NR		10.4	NR		2.44	NR		7.04	NR		2.63	NR		6.29	NR		2.19	NR		6.09	NR		--		
Copper	76000	13	10.7	NR		27.1	NR		5.41	NR		16.4	NR		6.19	NR		16.6	NR		5.74	NR		12.9	NR		--		
Iron	NC	NC	10700	NR		17300	NR		5060	NR		11400	NR		4740	NR		13000	NR		4380	NR		11700	NR		--		
Lead	1000	0.15	4.96	NR		7.77	NR		2.02	NR		6.76	NR		3.22	NR		7.71	NR		1.75	NR		6.72	NR		--		
Magnesium	NC	NC	2260	NR		6050	NR		1030	NR		2890	NR		1210	NR		3300	NR		1020	NR		2530	NR		--		
Manganese	NC	NC	196	NR		280	NR		86.7	NR		173	NR		104	NR		216	NR		61.8	NR		220	NR		--		
Mercury	610	0.02	<	0.115	U	<	0.111	U	<	0.102	U	<	0.107	U	<	0.108	U	0.0398	NR	J	<	0.108	U	<	0.108	U	--		
Nickel	7500	1	7.62	NR		26.1	NR		4.34	NR		13.3	NR		3.43	NR		11.4	NR		3.35	NR		11.4	NR		--		
Potassium	NC	NC	713	NR		2530	NR		364	NR		1080	NR		549	NR		1210	NR		370	NR		705	NR		--		
Selenium	10000	0.5	<	1.15	U	<	1.11	U	<	1.02	U	<	1.07	U	<	1.08	U	<	1.09	U	<	1.08	U	<	1.08	U	--		
Silver	10000	0.36	<	2.3	U	<	2.23	U	<	2.04	U	<	2.14	U	<	2.16	U	<	2.18	U	<	2.16	U	<	2.16	U	--		
Sodium	NC	NC	167	NR		258	NR		75.9	NR		218	NR		62.5	NR		126	NR		82.2	NR		222	NR		--		
Thallium	160	0.05	<	1.15	U	<	1.11	U	<	1.02	U	<	1.07	U	<	1.08	U	<	1.09	U	<	1.08	U	<	1.08	U	--		
Vanadium	14000	0.5	12.5	NR		31.8	NR		5.92	NR		15.9	NR		6.82	NR		16	NR		5.57	NR		13.3	NR		--		
Zinc	610000	50	26.7	NR		40.1	NR		9.52	NR		27.3	NR		11.1	NR		28.8	NR		9.5	NR		37.7	NR		--		
METALS BY GRAPHITE FURNACE																													
Antimony	8200	0.06	<	1.38	U	<	1.34	U	<	1.23	U	<	1.29	U	<	1.3	U	<	1.31	U	<	1.3	U	<	1.29	U	--		
OTHER PARAMETERS																													
Cation Excange Capacity	NC	NC	--			--			--			3.5	NR		--			--			--			4.85	NR		--		
Cyanide	41000	NA	<	0.57	U	<	0.56	U	<	0.51	U	<	0.54	U	<	0.54	U	<	0.55	U	<	0.54	U	<	0.54	U	--		
Total Organic Carbon (TOC)	NC	NC	--			--			--			0.103	0.00011		--			--			--			<	0.11	U	--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08I1-1B			SB08I1-2A			SB08I1-2B			SB08J1-1A			SB08J1-1C			SB08K1-1A			SB08K1-1B			SB08K1-2A		
Collect Date	ICC	PMC	1/4/99			1/4/99			1/4/99			12/30/98			12/30/98			1/7/99			1/7/99			1/6/99		
Sample Interval			2'7" - 4'7"			1'9" - 3'9"			3'9" - 5'9"			0'5" - 2'5"			4'5" - 6'5"			0'8" - 2'8"			2'8" - 4'8"			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	NA	0.001	0.004	J	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	0.003	0.005	J	0.014	0.004		0.022	0.005	
1,1,2,2-Tetrachloroethane	220	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U
1,1,2-Trichloroethane	100	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.004	UJ	<	0.005	U
1,1-Dichloroethane	1000	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	0.002	0.005	J	0.006	0.004		0.210	0.005	
1,1-Dichloroethylene	9.5	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	0.002	0.005	J	0.002	0.004	J	0.015	0.005	J
1,2-Dichloroethane	63	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.004	UJ	<	0.005	U
1,2-Dichloropropane	84	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U
2-Butanone	1000	NA	<	0.009	U	0.008	0.005	J	<	0.011	U	<	0.014	U	0.010	0.006	J	0.016	0.005	J	<	0.008	U	<	0.030	U
2-Hexanone	NC	NC	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	0.002	0.005	J	<	0.008	U	<	0.010	U
Acetone	1000	NA	<	0.019	U	<	0.032	U	<	0.011	U	<	0.037	U	<	0.032	U	<	0.032	U	<	0.041	U	<	0.080	U
Benzene	200	NA	<	0.004	U	<	0.005	U	<	0.006	U	0.001	0.005	J	<	0.006	U	0.003	0.005	J	0.004	0.004	J	<	0.005	U
Bromodichloromethane	NC	NC	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	0.003	0.005	J	<	0.004	UJ	<	0.005	U
Bromoform	720	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U
Bromomethane	NC	NC	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.008	U	<	0.010	U
Carbon disulfide	NC	NC	<	0.004	U	<	0.005	U	<	0.006	U	0.001	0.005	J	0.002	0.006	J	0.000	0.005	J	<	0.004	U	0.001	0.005	J
Carbon tetrachloride	44	NA	<	0.004	UJ	<	0.005	U	<	0.006	UJ	<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.004	UJ	<	0.005	UJ
Chlorobenzene	1000	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U
Chloroethane	NC	NC	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.008	U	<	0.010	U
Chloroform	940	NA	0.003	0.004	J	0.004	0.005	J	0.003	0.006	J	0.002	0.005	J	0.004	0.006	J	0.002	0.005	J	0.002	0.004	J	0.003	0.005	J
Chloromethane	NC	NC	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.006	U	<	0.010	U	<	0.008	U	<	0.010	U
cis-1,2-Dichloroethylene	100	NA	<	0.004	U	<	0.005	U	<	0.006	U	0.002	0.005	J	<	0.006	U	0.084	0.005		0.085	0.004		0.120	0.005	
cis-1,3-Dichloropropene	NC	NC	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U
Dibromochloromethane	68	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	UJ	<	0.005	U
Ethylbenzene	1000	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	0.000	0.005	J	0.001	0.004	J	<	0.005	U
Methyl isobutyl ketone	1000	NA	0.003	0.004	J	0.003	0.005	J	0.004	0.006	J	0.002	0.005	J	<	0.012	U	0.004	0.005	J	<	0.008	U	<	0.010	U
Methylene chloride	760	NA	<	0.009	U	<	0.009	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.010	U	<	0.008	U	<	0.010	U
Styrene	1000	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U
Tetrachloroethylene	110	NA	0.001	0.004	J	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.004	UJ	<	0.005	U
Toluene	1000	NA	<	0.004	U	0.000	0.005	J	<	0.006	U	0.001	0.005	J	<	0.006	U	0.000	0.005	J	<	0.004	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	0.004	0.005	J	0.004	0.004	J	0.012	0.005	
trans-1,3-Dichloropropene	NC	NC	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U
Trichloroethylene	520	NA	0.003	0.004	J	0.001	0.005	J	0.001	0.006	J	0.010	0.005		<	0.006	U	0.055	0.005		0.087	0.004		0.010	0.005	
Vinyl acetate	NC	NC	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.008	U	<	0.010	U
Vinyl chloride	3	NA	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.008	U	0.017	0.005	J
Xylenes, Total	1000	NA	<	0.004	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	0.000	0.005	J	<	0.004	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08I1-1B			SB08I1-2A			SB08I1-2B			SB08J1-1A			SB08J1-1C			SB08K1-1A			SB08K1-1B			SB08K1-2A		
Collect Date	ICC	PMC	1/4/99			1/4/99			1/4/99			12/30/98			12/30/98			1/7/99			1/7/99			1/6/99		
Sample Interval			2'7" - 4'7"			1'9" - 3'9"			3'9" - 5'9"			0'5" - 2'5"			4'5" - 6'5"			0'8" - 2'8"			2'8" - 4'8"			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
1,2-Dichlorobenzene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
1,3-Dichlorobenzene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
1,4-Dichlorobenzene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
2,4,5-Trichlorophenol	NC	NC	<	1.8	U	<	2	U	<	1.8	U	<	1.7	U	<	1.9	U	<	1.7	U	<	1.8	U	<	1.7	U
2,4,6-Trichlorophenol	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
2,4-Dichlorophenol	2500	4	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
2,4-Dimethylphenol	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	0.016	0.35	J
2,4-Dinitrophenol	NC	NC	<	1.8	U	<	2	U	<	1.8	U	<	1.7	U	<	1.9	U	<	1.7	U	<	1.8	U	<	1.7	U
2,4-Dinitrotoluene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
2,6-Dinitrotoluene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
2-Chloronaphthalene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
2-Chlorophenol	2500	7.2	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
2-Methylnaphthalene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	0.009	0.35	J	0.002	0.39	J	0.15	0.35	J	0.064	0.37	J	0.05	0.35	J
2-Methylphenol	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
2-Nitroaniline	NC	NC	<	1.8	U	<	2	U	<	1.8	U	<	1.7	U	<	1.9	U	<	1.7	U	<	1.8	U	<	1.7	U
2-Nitrophenol	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
3,3'-Dichlorobenzidine	NC	NC	<	0.73	U	<	0.85	U	<	0.73	U	<	0.71	U	<	0.78	U	<	0.7	U	<	0.74	U	<	0.7	U
3-Nitroaniline	NC	NC	<	1.8	U	<	2	U	<	1.8	U	<	1.7	U	<	1.9	U	<	1.7	U	<	1.8	U	<	1.7	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.8	U	<	2	U	<	1.8	U	<	1.7	U	<	1.9	U	<	1.7	U	<	1.8	U	<	1.7	U
4-Bromophenylphenyl ether	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
4-Chloro-3-methylphenol	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
4-Chloroaniline	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
4-Chlorophenylphenyl ether	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
4-Methylphenol	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	0.063	0.35	J
4-Nitroaniline	NC	NC	<	1.8	U	<	2	U	<	1.8	U	<	1.7	U	<	1.9	U	<	1.7	U	<	1.8	U	<	1.7	U
4-Nitrophenol	NC	NC	<	1.8	U	<	2	U	<	1.8	U	<	0.35	U	<	0.39	U	<	1.7	U	<	1.8	U	<	1.7	U
Acenaphthene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	0.035	0.35	J	0.014	0.39	J	<	0.35	U	<	0.37	U	<	0.35	U
Acenaphthylene	2500	84	0.006	0.37	J	<	0.42	U	<	0.37	U	0.055	0.35	J	0.006	0.39	J	<	0.35	U	<	0.37	U	0.008	0.35	J
Anthracene	2500	400	0.007	0.37	J	<	0.42	U	<	0.37	U	0.17	0.35	J	0.058	0.39	J	<	0.35	U	<	0.37	U	0.006	0.35	J
Benzo(b)fluoranthene	7.8	1	0.03	0.37	J	<	0.42	U	<	0.37	U	0.34	0.35	J	0.12	0.39	J	<	0.35	U	0.035	0.37	J	0.036	0.35	J
Benzo(g,h,I)fluoranthene	NC	NC	0.02	0.37	J	<	0.42	U	<	0.37	U	0.2	0.35	J	0.097	0.39	J	<	0.35	U	<	0.37	U	0.021	0.35	J
Benzo(a)anthracene	7.8	1	0.024	0.37	J	<	0.42	U	<	0.37	U	0.32	0.35	J	0.14	0.39	J	<	0.35	U	0.025	0.37	J	0.02	0.35	J
Benzo(a)pyrene	1	1	0.025	0.37	J	<	0.42	U	<	0.37	U	0.41	0.35		0.13	0.39	J	<	0.35	U	0.022	0.37	J	0.019	0.35	J
Benzo(k)fluoranthene	78	1	0.028	0.37	J	<	0.42	U	<	0.37	U	0.32	0.35	J	0.12	0.39	J	<	0.35	U	0.02	0.37	J	0.024	0.35	J
Benzoic acid	NC	NC	<	1.8	U	<	2	U	<	1.8	U	<	0.35	UUJ	<	0.39	UUJ	<	1.7	U	<	1.8	U	<	1.7	U
Benzyl alcohol	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Bis(2-chloroethoxy) methane	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	0.088	0.35	J
Butylbenzyl phthalate	2500	200	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Carbazole	NC	NC	0.008	0.37	J	<	0.42	U	<	0.37	U	0.037	0.35	J	0.02	0.39	J	<	0.35	U	<	0.37	U	<	0.35	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08I1-1B			SB08I1-2A			SB08I1-2B			SB08J1-1A			SB08J1-1C			SB08K1-1A			SB08K1-1B			SB08K1-2A		
Collect Date	ICC	PMC	1/4/99			1/4/99			1/4/99			12/30/98			12/30/98			1/7/99			1/7/99			1/6/99		
Sample Interval			2'7" - 4'7"			1'9" - 3'9"			3'9" - 5'9"			0'5" - 2'5"			4'5" - 6'5"			0'8" - 2'8"			2'8" - 4'8"			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	0.029	0.37	J	<	0.42	U	<	0.37	U	0.42	0.35		0.14	0.39	J	0.029	0.35	J	0.056	0.37	J	0.048	0.35	J
Di-n-butyl phthalate	2500	140	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	0.013	0.35	J
Di-n-octyl phthalate	2500	20	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Dibenz(a,h)anthracene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	0.08	0.35	J	0.032	0.39	J	<	0.35	U	<	0.37	U	<	0.35	U
Dibenzofuran	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	0.02	0.35	J	0.005	0.39	J	<	0.35	U	<	0.37	U	<	0.35	U
Diethyl phthalate	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	0.006	0.35	J
Dimethyl phthalate	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Fluoranthene	2500	56	0.045	0.37	J	<	0.42	U	<	0.37	U	0.6	0.35		0.3	0.39	J	0.026	0.35	J	0.038	0.37	J	0.038	0.35	J
Fluorene	2500	56	<	0.37	U	<	0.42	U	<	0.37	U	0.03	0.35	J	0.014	0.39	J	<	0.35	U	<	0.37	U	<	0.35	U
Hexachlorobenzene	3.6	1	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Hexachlorobutadiene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Hexachlorocyclopentadiene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Hexachloroethane	410	1	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Indeno(1,2,3-C,D)pyrene	NC	NC	0.016	0.37	J	<	0.42	U	<	0.37	U	0.18	0.35	J	0.078	0.39	J	<	0.35	U	<	0.37	U	0.015	0.35	J
Isophorone	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
N-Nitrosodiphenylamine	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Napthalene	2500	56	<	0.37	U	<	0.42	U	<	0.37	U	0.008	0.35	J	0.002	0.39	J	0.079	0.35	J	0.029	0.37	J	0.026	0.35	J
Nitrobenzene	NC	NC	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	<	0.35	U	<	0.37	U	<	0.35	U
Pentachlorophenol	48	1	<	1.8	U	<	2	U	<	1.8	U	<	1.7	U	<	1.9	U	<	1.7	U	<	1.8	U	<	1.7	U
Phenanthrene	2500	40	0.023	0.37	J	<	0.42	U	<	0.37	U	0.55	0.35		0.18	0.39	J	0.076	0.35	J	0.063	0.37	J	0.028	0.35	J
Phenol	2500	800	<	0.37	U	<	0.42	U	<	0.37	U	<	0.35	U	<	0.39	U	0.007	0.35	J	<	0.37	U	0.027	0.35	J
Pyrene	2500	40	0.056	0.37	J	<	0.42	U	<	0.37	U	0.85	0.35		0.4	0.39		0.021	0.35	J	0.043	0.37	J	0.04	0.35	J
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0456	U	--			<	0.044	U	--			<	0.0428	U	--			<	0.0428	U
PCB 1221	NC	NC	--			<	0.0911	U	--			<	0.0879	U	--			<	0.0857	U	--			<	0.0856	U
PCB 1232	NC	NC	--			<	0.0456	U	--			<	0.044	U	--			<	0.0428	U	--			<	0.0428	U
PCB 1242	NC	NC	--			<	0.0911	U	--			<	0.0879	U	--			<	0.0857	U	--			<	0.0856	U
PCB 1248	NC	NC	--			<	0.0911	U	--			<	0.0879	U	--			<	0.0857	U	--			<	0.0856	U
PCB 1254	NC	NC	--			<	0.0456	U	--			<	0.044	U	--			<	0.0428	U	--			<	0.0428	U
PCB 1260	NC	NC	--			<	0.0456	U	--			0.0575	NR		--			0.00682	NR		--			0.027	NR	
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	NA	--			--			--			--			--			--			--			104	NR	

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08I1-1B			SB08I1-2A			SB08I1-2B			SB08J1-1A			SB08J1-1C			SB08K1-1A			SB08K1-1B			SB08K1-2A		
Collect Date	ICC	PMC	1/4/99			1/4/99			1/4/99			12/30/98			12/30/98			1/7/99			1/7/99			1/6/99		
Sample Interval			2'7" - 4'7"			1'9" - 3'9"			3'9" - 5'9"			0'5" - 2'5"			4'5" - 6'5"			0'8" - 2'8"			2'8" - 4'8"			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	7740	NR		6790	NR		2830	NR		6020	NR		5860	NR		430	NR		6240	NR		4850	NR	
Antimony	8200	0.06	<	11.1	U	<	11.4	U	<	11.1	U	<	11	U	<	11.8	U	13.3	0.01		18.8	0.01		17.4	0.01	
Arsenic	10	0.5	3.52	NR		2.56	NR		0.795	NR	J	3.36	NR		3.71	NR		1.11	NR		1.8	NR		1.86	NR	
Barium	140000	10	22.2	NR		18.5	NR		6.6	NR		31.3	NR		22.2	NR		13.3	NR		18.8	NR		17.4	NR	
Beryllium	2	0.04	0.346	NR	J	0.303	NR	J	0.131	NR	J	0.254	NR	J	0.256	NR	J	0.245	NR	J	0.289	NR	J	0.261	NR	J
Cadmium	1000	0.05	0.279	NR	J	<	1.14	U	0.222	NR	J	0.183	NR	J	0.392	NR	J	<	1.07	U	<	1.11	U	0.763	NR	J
Calcium	NC	NC	1920	NR		1100	NR		436	NR		3810	NR		1070	NR		1070	NR		1090	NR		700	NR	
Chromium	51000	0.5	13.1	NR		7.25	NR		3.7	NR		12	NR		9.47	NR		6.3	NR		8.85	NR		18.4	NR	
Cobalt	NC	NC	6.78	NR		5.91	NR		2.62	NR		6.18	NR		3.65	NR		3.78	NR		5.74	NR		5.27	NR	
Copper	76000	13	14	NR		13.6	NR		7.14	NR		20.6	NR		12.3	NR		8.95	NR		11.8	NR		12.9	NR	
Iron	NC	NC	13100	NR		11000	NR		4880	NR		11400	NR		9550	NR		8130	NR		10200	NR		9150	NR	
Lead	1000	0.15	7.24	NR		4.83	NR		2.11	NR		21.7	NR		12.4	NR		4.6	NR		5.19	NR		29.9	NR	
Magnesium	NC	NC	2820	NR		2430	NR		1010	NR		2570	NR		1980	NR		1540	NR		2180	NR		1770	NR	
Manganese	NC	NC	233	NR		304	NR		56.2	NR		153	NR		123	NR		135	NR		164	NR		125	NR	
Mercury	610	0.02	<	0.111	U	<	0.114	U	<	0.111	U	0.0533	NR	J	<	0.118	U	0.0641	NR	J	<	0.111	U	<	0.107	U
Nickel	7500	1	10.6	NR		8.58	NR		3.59	NR		8.88	NR		7.64	NR		6.69	NR		8.37	NR		37.6	NR	
Potassium	NC	NC	711	NR		558	NR		<	553	U	621	NR		<	558	U	660	NR		735	NR		646	NR	
Selenium	10000	0.5	<	1.11	U	<	1.14	U	<	1.11	U	<	1.1	U	<	1.18	U	<	1.07	U	<	1.11	U	<	1.07	U
Silver	10000	0.36	<	2.21	U	<	2.28	U	<	2.21	U	<	2.2	U	<	2.35	U	<	2.14	U	<	2.22	U	<	2.14	U
Sodium	NC	NC	185	NR		160	NR		96.1	NR		199	NR		70.8	NR		209	NR		184	NR		227	NR	
Thallium	160	0.05	<	1.11	U	<	1.14	U	<	1.11	U	<	1.1	U	<	1.18	U	<	1.07	U	<	1.11	U	<	1.07	U
Vanadium	14000	0.5	14.6	NR		12.6	NR		5.8	NR		21.7	NR		14.8	NR		9.27	NR		12.8	NR		11	NR	
Zinc	610000	50	30.4	NR		23.1	NR		9.99	NR		51.2	NR		118	NR		20.5	NR		21.8	NR		24.1	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.33	U	<	1.37	U	<	1.33	U	<	1.32	U	<	1.41	U	<	1.28	U	<	1.33	U	<	1.28	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			1.42	NR	
Cyanide	41000	NA	<	0.55	U	<	0.57	U	<	0.55	U	<	0.55	U	<	0.59	U	<	0.54	U	<	0.56	U	<	0.53	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			0.402	0.00011	

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08K1-2B			SB08K1-3A			SB08K1-3B			SB08K1-4A			SB08K1-4B			SB08K2-1A			SB08K2-1B			SB08L1-2A		
Collect Date	ICC	PMC	1/6/99			1/6/99			1/6/99			1/6/99			1/6/99			1/8/99			1/8/99			12/15/98		
Sample Interval			3' - 5'			0'5" - 2'5"			2'5" - 4'5"			1'8" - 3'8"			3'8" - 5'8"			0'11" - 2'11"			2'11" - 4'11"			0'4" - 2'4"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	NA	0.011	0.005		0.005	0.005		0.001	0.005	J	<	0.005	U	0.003	0.007	J	<	0.005	U	<	0.006	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1,2-Trichloroethane	100	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1-Dichloroethane	1000	NA	0.170	0.005		<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1-Dichloroethylene	9.5	NA	0.010	0.005		<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
1,2-Dichloroethane	63	NA	<	0.005	UJ	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.007	U	<	0.005	UJ	<	0.006	UJ	<	0.005	U
1,2-Dichloropropane	84	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
2-Butanone	1000	NA	0.006	0.005	J	0.005	0.005	J	<	0.009	U	0.005	0.000	J	0.007	0.007	J	0.030	0.005	J	0.009	0.006	J	0.010	0.005	
2-Hexanone	NC	NC	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U	<	0.014	U	<	0.009	U	<	0.012	U	<	0.010	U
Acetone	1000	NA	<	0.020	U	<	0.015	U	<	0.018	U	<	0.014	U	<	0.016	U	<	0.096	U	<	0.027	U	<	0.031	U
Benzene	200	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	0.001	0.007	J	<	0.005	U	<	0.006	U	0.001	0.005	J
Bromodichloromethane	NC	NC	<	0.005	UJ	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
Bromoform	720	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U	<	0.014	U	<	0.009	U	<	0.012	U	<	0.010	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	0.001	0.000	J	0.001	0.007	J	<	0.005	U	<	0.006	U	<	0.005	U
Carbon tetrachloride	44	NA	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.007	UJ	<	0.005	UJ	<	0.006	UJ	<	0.005	U
Chlorobenzene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U	<	0.014	U	<	0.009	U	<	0.012	U	<	0.010	U
Chloroform	940	NA	0.002	0.005	J	0.002	0.005	J	0.002	0.005	J	0.003	0.000	J	0.004	0.007	J	<	0.005	U	0.002	0.006	J	0.002	0.005	J
Chloromethane	NC	NC	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U	<	0.014	U	<	0.009	U	<	0.012	U	<	0.010	U
cis-1,2-Dichloroethylene	100	NA	0.006	0.005		<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
Dibromochloromethane	68	NA	<	0.005	UJ	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
Ethylbenzene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
Methyl isobutyl ketone	1000	NA	<	0.010	U	0.001	0.005	J	0.002	0.005	J	0.002	0.000	J	<	0.014	U	0.001	0.005	J	0.001	0.006	J	<	0.010	U
Methylene chloride	760	NA	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U	0.001	0.007	J	<	0.009	U	<	0.012	U	<	0.005	U
Styrene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
Tetrachloroethylene	110	NA	<	0.005	UJ	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
Toluene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	0.001	0.005	J
trans-1,2-Dichloroethylene	1000	NA	0.078	0.005		<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	<	0.005	U
Trichloroethylene	520	NA	0.004	0.005	J	0.003	0.005	J	0.001	0.005	J	0.001	0.000	J	0.002	0.007	J	<	0.005	U	<	0.006	U	0.001	0.005	J
Vinyl acetate	NC	NC	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U	<	0.014	U	<	0.009	U	<	0.012	U	<	0.010	U
Vinyl chloride	3	NA	0.011	0.005		<	0.010	U	<	0.009	U	<	0.010	U	<	0.014	U	<	0.009	U	<	0.012	U	<	0.010	U
Xylenes, Total	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.007	U	<	0.005	U	<	0.006	U	0.001	0.005	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08K1-2B			SB08K1-3A			SB08K1-3B			SB08K1-4A			SB08K1-4B			SB08K2-1A			SB08K2-1B			SB08L1-2A		
Collect Date	ICC	PMC	1/6/99			1/6/99			1/6/99			1/6/99			1/6/99			1/8/99			1/8/99			12/15/98		
Sample Interval			3' - 5'			0'5" - 2'5"			2'5" - 4'5"			1'8" - 3'8"			3'8" - 5'8"			0'11" - 2'11"			2'11" - 4'11"			0'4" - 2'4"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
1,2-Dichlorobenzene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
1,3-Dichlorobenzene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
1,4-Dichlorobenzene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
2,4,5-Trichlorophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.9	U	<	1.8	U	<	1.7	U	<	25.7	U
2,4,6-Trichlorophenol	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
2,4-Dichlorophenol	2500	4	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	9.3	U
2,4-Dimethylphenol	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	9.3	U
2,4-Dinitrophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.9	U	<	1.8	U	<	1.7	U	<	25.7	U
2,4-Dinitrotoluene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
2,6-Dinitrotoluene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
2-Chloronaphthalene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
2-Chlorophenol	2500	7.2	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
2-Methylnaphthalene	NC	NC	0.083	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
2-Methylphenol	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
2-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.9	U	<	1.8	U	<	1.7	U	<	25.7	U
2-Nitrophenol	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
3,3'-Dichlorobenzidine	NC	NC	<	0.74	U	<	0.72	U	<	0.71	U	<	0.68	U	<	0.78	U	<	0.76	U	<	0.69	U	<	25.7	U
3-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.9	U	<	1.8	U	<	1.7	U	<	25.7	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.9	U	<	1.8	U	<	1.7	U	<	25.7	U
4-Bromophenylphenyl ether	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	UUJ
4-Chloro-3-methylphenol	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
4-Chloroaniline	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	25.7	U
4-Chlorophenylphenyl ether	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
4-Methylphenol	NC	NC	0.024	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
4-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.9	U	<	1.8	U	<	1.7	U	<	25.7	U
4-Nitrophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.9	U	<	1.8	U	<	1.7	U	<	10.2	U
Acenaphthene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Acenaphthylene	2500	84	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Anthracene	2500	400	0.006	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Benzo(b)fluoranthene	7.8	1	0.012	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Benzo(g,h,l)fluoranthene	NC	NC	0.011	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Benzo(a)anthracene	7.8	1	0.011	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Benzo(a)pyrene	1	1	0.008	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Benzo(k)fluoranthene	78	1	0.019	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Benzoic acid	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.9	U	<	1.8	U	<	1.7	U	--		
Benzyl alcohol	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.37	U	<	0.36	U	<	0.35	U	0.034	0.34	J	0.064	0.39	J	<	0.38	U	<	0.35	U	<	10.2	U
Butylbenzyl phthalate	2500	200	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Carbazole	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08K1-2B			SB08K1-3A			SB08K1-3B			SB08K1-4A			SB08K1-4B			SB08K2-1A			SB08K2-1B			SB08L1-2A		
Collect Date	ICC	PMC	1/6/99			1/6/99			1/6/99			1/6/99			1/6/99			1/8/99			1/8/99			12/15/98		
Sample Interval			3' - 5'			0'5" - 2'5"			2'5" - 4'5"			1'8" - 3'8"			3'8" - 5'8"			0'11" - 2'11"			2'11" - 4'11"			0'4" - 2'4"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	0.046	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Di-n-butyl phthalate	2500	140	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	0.019	0.39	J	<	0.38	U	<	0.35	U	<	10.2	U
Di-n-octyl phthalate	2500	20	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	0.007	0.39	J	<	0.38	U	<	0.35	U	<	10.2	U
Dibenz(a,h)anthracene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Dibenzofuran	NC	NC	0.006	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Diethyl phthalate	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	0.008	0.39	J	<	0.38	U	<	0.35	U	<	10.2	U
Dimethyl phthalate	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Fluoranthene	2500	56	0.026	0.00000011	J	0.004	0.00000011	J	0.006	0.00000011	J	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Fluorene	2500	56	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Hexachlorobenzene	3.6	1	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Hexachlorobutadiene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Hexachlorocyclopentadiene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	25.7	U
Hexachloroethane	410	1	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Indeno(1,2,3-C,D)pyrene	NC	NC	0.005	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Isophorone	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
N-Nitrosodiphenylamine	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Napthalene	2500	56	0.046	0.37	J	<	0.36	U	<	0.35	U	0.012	0.34	J	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Nitrobenzene	NC	NC	<	0.37	U	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Pentachlorophenol	48	1	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.9	U	<	1.8	U	<	1.8	U	<	25.7	U
Phenanthrene	2500	40	0.049	0.37	J	<	0.36	U	0.006	0.35	J	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Phenol	2500	800	0.01	0.37	J	<	0.36	U	<	0.35	U	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
Pyrene	2500	40	0.026	0.37	J	0.004	0.36	J	0.004	0.35	J	<	0.34	U	<	0.39	U	<	0.38	U	<	0.35	U	<	10.2	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0438	U	--			<	0.041	U	--			<	0.0441	U	--			<	0.0413	U
PCB 1221	NC	NC	--			<	0.0875	U	--			<	0.0821	U	--			<	0.0881	U	--			<	0.0826	U
PCB 1232	NC	NC	--			<	0.0438	U	--			<	0.041	U	--			<	0.0441	U	--			<	0.0413	U
PCB 1242	NC	NC	--			<	0.0875	U	--			<	0.0821	U	--			<	0.0881	U	--			<	0.0826	U
PCB 1248	NC	NC	--			<	0.0875	U	--			<	0.0821	U	--			<	0.0881	U	--			<	0.0826	U
PCB 1254	NC	NC	--			<	0.0438	U	--			<	0.041	U	--			<	0.0441	U	--			<	0.0413	U
PCB 1260	NC	NC	--			<	0.0438	U	--			<	0.041	U	--			<	0.0441	U	--			0.0165	NR	J
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	NA	--			<	10.9	U	--			--			--			<	11	U	--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08K1-2B			SB08K1-3A			SB08K1-3B			SB08K1-4A			SB08K1-4B			SB08K2-1A			SB08K2-1B			SB08L1-2A		
Collect Date	ICC	PMC	1/6/99			1/6/99			1/6/99			1/6/99			1/6/99			1/8/99			1/8/99			12/15/98		
Sample Interval			3' - 5'			0'5" - 2'5"			2'5" - 4'5"			1'8" - 3'8"			3'8" - 5'8"			0'11" - 2'11"			2'11" - 4'11"			0'4" - 2'4"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	4740	NR		5970	NR		3640	NR		3080	NR		2720	NR		6840	NR		2980	NR		5150	NR	
Antimony	8200	0.06	14.5	0.01					<	10.4	U	<	10.3	U	<	11.5	U	<	11	U	<	10.5	U	<	10.3	U
Arsenic	10	0.5	1.62	NR		2.49	NR		0.941	NR	J	1.09	NR		<	1.15	U	2.72	NR		1.52	NR		3.97	NR	
Barium	140000	10	14.5	NR		14.9	NR		9.16	NR		9.12	NR		10.6	NR		16	NR		8.52	NR		28.4	NR	
Beryllium	2	0.04	0.277	NR	J	0.281	NR	J	0.204	NR	J	0.15	NR	J	0.146	NR	J	0.331	NR	J	0.163	NR	J	0.213	NR	J
Cadmium	1000	0.05	<	1.14	U	<	1.09	U	0.0937	NR	J	<	1.03	U	<	1.15	U	0.105	NR	J	0.147	NR	J	0.386	NR	J
Calcium	NC	NC	834	NR		646	NR		460	NR		330	NR		479	NR		543	NR		570	NR		<	1590	U
Chromium	51000	0.5	10.5	NR		7.27	NR		4.11	NR		4.8	NR		5.78	NR		8.18	NR		5.22	NR		15.9	NR	
Cobalt	NC	NC	3.84	NR		4.18	NR		2.39	NR		2.03	NR	J	2.06	NR	J	5.77	NR		1.91	NR		6.3	NR	
Copper	76000	13	10.6	NR		10.6	NR		8.36	NR		5.96	NR		6.08	NR		9.94	NR		7	NR		24.5	NR	
Iron	NC	NC	8580	NR		10300	NR		6550	NR		5380	NR		4590	NR		11200	NR		5210	NR		11400	NR	
Lead	1000	0.15	5.84	NR		4.01	NR		2.67	NR		2.04	NR		1.98	NR		4.46	NR		2.59	NR		7.01	NR	
Magnesium	NC	NC	1650	NR		2100	NR		1320	NR		1160	NR		1030	NR		2430	NR		1100	NR		2640	NR	
Manganese	NC	NC	117	NR		191	NR		184	NR		89.4	NR		108	NR		345	NR		139	NR		305	NR	
Mercury	610	0.02	0.294	NR		<	0.109	U	0.274	NR		0.0443	NR	J	0.204	NR		0.0456	NR	J	<	0.105	U	0.052	NR	J
Nickel	7500	1	19.1	NR		7.49	NR		6.19	NR		4.77	NR	J	4.27	NR	J	7.87	NR		18.8	NR		9.97	NR	
Potassium	NC	NC	685	NR		496	NR		489	NR	J	551	NR		541	NR	J	722	NR		520	NR		2670	NR	
Selenium	10000	0.5	<	1.14	U	<	1.09	U	<	1.04	U	<	1.03	U	<	1.15	U	<	1.1	U	<	1.05	U	<	1.03	U
Silver	10000	0.36	<	2.28	U	<	2.19	U	<	2.09	U	<	2.05	U	<	2.3	U	<	2.2	U	<	2.1	U	<	2.07	U
Sodium	NC	NC	124	NR		135	NR		83.1	NR	J	97.2	NR		71.9	NR	J	386	NR		120	NR		102	NR	
Thallium	160	0.05	<	1.14	U	<	1.09	U	<	1.04	U	<	1.03	U	<	1.15	U	<	1.1	U	<	1.05	U	<	1.03	U
Vanadium	14000	0.5	9.98	NR		10.8	NR		6.87	NR		6.37	NR		5.87	NR		12.5	NR		6.05	NR		18.9	NR	
Zinc	610000	50	18.7	NR		21.9	NR		13	NR		10.3	NR		9.72	NR		26.3	NR		17.6	NR		35.4	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.37	U	--			<	1.25	U	<	1.23	U	<	1.38	U	<	1.32	U	<	1.26	U	<	1.24	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			2.69	NR		--			--			--			3.78	NR		--			--		
Cyanide	41000	NA	<	0.57	U	<	0.55	U	<	0.52	U	<	0.51	U	<	0.57	U	<	0.55	U	<	0.53	U	<	0.52	U
Total Organic Carbon (TOC)	NC	NC	--			0.097	0.00011	J	--			--			--			0.153	0.00011		--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-2C			SB08L1-3A			SB08L1-3B			SB08L1-4A			SB08L1-4C			SB08L1-5A		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/15/98			12/10/98			12/10/98			1/7/99		
Sample Interval			4'4" - 6'4"			0'4" - 2'4"			4'4" - 6'4"			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																				
1,1,1-Trichloroethane	1000	NA	0.007	0.005		0.003	0.005	J	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
1,1,2,2-Tetrachloroethane	220	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
1,1,2-Trichloroethane	100	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
1,1-Dichloroethane	1000	NA	0.001	0.005	J	0.003	0.005	J	0.002	0.005	J	<	0.004	U	<	0.006	U	<	0.004	U
1,1-Dichloroethylene	9.5	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
1,2-Dichloroethane	63	NA	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.004	U	<	0.006	U	<	0.004	U
1,2-Dichloropropane	84	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
2-Butanone	1000	NA	0.019	0.005		<	0.010	UJ	0.010	0.005	J	<	0.009	UJ	<	0.012	U	<	0.009	U
2-Hexanone	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U	<	0.009	U
Acetone	1000	NA	<	0.054	U	<	0.031	U	<	0.022	U	<	0.009	U	<	0.012	U	<	0.022	U
Benzene	200	NA	0.001	0.005	J	<	0.005	U	0.000	0.005	J	<	0.004	U	<	0.006	U	<	0.004	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.004	U	<	0.006	U	<	0.004	U
Bromoform	720	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
Bromomethane	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U	<	0.009	U
Carbon disulfide	NC	NC	0.001	0.005	J	<	0.005	U	0.012	0.005		<	0.004	U	<	0.006	U	<	0.004	U
Carbon tetrachloride	44	NA	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.004	U	<	0.006	U	<	0.004	UJ
Chlorobenzene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
Chloroethane	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U	<	0.009	U
Chloroform	940	NA	0.002	0.005	J	0.002	0.005	J	0.003	0.005	J	0.001	0.004	J	0.003	0.006	J	0.002	0.004	J
Chloromethane	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U	<	0.009	U
cis-1,2-Dichloroethylene	100	NA	0.006	0.005		<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
Dibromochloromethane	68	NA	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.004	U	<	0.006	U	<	0.004	U
Ethylbenzene	1000	NA	0.002	0.005	J	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
Methyl isobutyl ketone	1000	NA	<	0.010	U	<	0.010	U	<	0.010	U	0.001	0.004	J	0.003	0.006	J	<	0.009	U
Methylene chloride	760	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.009	U
Styrene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
Tetrachloroethylene	110	NA	<	0.005	U	0.001	0.005	J	<	0.005	UJ	0.001	0.004	J	0.001	0.006	J	<	0.004	U
Toluene	1000	NA	<	0.005	UJ	0.001	0.005	J	0.001	0.005	J	<	0.004	U	<	0.006	U	<	0.004	U
trans-1,2-Dichloroethylene	1000	NA	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.006	U	<	0.004	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.004	U	<	0.006	U	<	0.004	U
Trichloroethylene	520	NA	0.077	0.005		0.004	0.005	J	<	0.005	U	0.001	0.004	J	0.012	0.006		<	0.004	U
Vinyl acetate	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U	<	0.009	U
Vinyl chloride	3	NA	<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U	<	0.009	U
Xylenes, Total	1000	NA	<	0.005	U	<	0.005	U	0.000	0.005	J	<	0.004	U	<	0.006	U	<	0.004	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-2C			SB08L1-3A			SB08L1-3B			SB08L1-4A			SB08L1-4C			SB08L1-5A		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/15/98			12/10/98			12/10/98			1/7/99		
Sample Interval			4'4" - 6'4"			0'4" - 2'4"			4'4" - 6'4"			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																				
1,2,4-Trichlorobenzene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
1,2-Dichlorobenzene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
1,3-Dichlorobenzene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
1,4-Dichlorobenzene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
2,4,5-Trichlorophenol	NC	NC	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	1.8	U
2,4,6-Trichlorophenol	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
2,4-Dichlorophenol	2500	4	<	9.87	U	<	9.69	U	<	10.2	U	<	9.27	U	<	10.7	U	<	0.37	U
2,4-Dimethylphenol	NC	NC	<	9.87	U	<	9.69	U	<	10.2	U	<	9.27	U	<	10.7	U	<	0.37	U
2,4-Dinitrophenol	NC	NC	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	1.8	U
2,4-Dinitrotoluene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
2,6-Dinitrotoluene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
2-Chloronaphthalene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
2-Chlorophenol	2500	7.2	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
2-Methylnaphthalene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
2-Methylphenol	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
2-Nitroaniline	NC	NC	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	1.8	U
2-Nitrophenol	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
3,3'-Dichlorobenzidine	NC	NC	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	0.74	U
3-Nitroaniline	NC	NC	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	1.8	U
4,6-Dinitro-2-methylphenol	NC	NC	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	1.8	U
4-Bromophenylphenyl ether	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
4-Chloro-3-methylphenol	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
4-Chloroaniline	NC	NC	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	0.37	U
4-Chlorophenylphenyl ether	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
4-Methylphenol	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
4-Nitroaniline	NC	NC	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	1.8	U
4-Nitrophenol	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	1.8	U
Acenaphthene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Acenaphthylene	2500	84	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Anthracene	2500	400	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Benzo(b)fluoranthene	7.8	1	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Benzo(a)anthracene	7.8	1	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Benzo(a)pyrene	1	1	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Benzo(k)fluoranthene	78	1	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Benzoic acid	NC	NC	--			--			--			--			--			<	1.8	U
Benzyl alcohol	NC	NC	--			--			--			--			--			<	0.37	U
Bis(2-chloroethoxy) methane	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Butylbenzyl phthalate	2500	200	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Carbazole	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-2C			SB08L1-3A			SB08L1-3B			SB08L1-4A			SB08L1-4C			SB08L1-5A		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/15/98			12/10/98			12/10/98			1/7/99		
Sample Interval			4'4" - 6'4"			0'4" - 2'4"			4'4" - 6'4"			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Di-n-butyl phthalate	2500	140	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	0.013	0.37	J
Di-n-octyl phthalate	2500	20	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Dibenz(a,h)anthracene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Dibenzofuran	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Diethyl phthalate	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Dimethyl phthalate	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Fluoranthene	2500	56	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Fluorene	2500	56	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Hexachlorobenzene	3.6	1	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Hexachlorobutadiene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Hexachlorocyclopentadiene	NC	NC	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	0.37	U
Hexachloroethane	410	1	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Isophorone	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
N-Nitrosodiphenylamine	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Napthalene	2500	56	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Nitrobenzene	NC	NC	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Pentachlorophenol	48	1	<	27.3	U	<	26.8	U	<	28.3	U	<	25.6	U	<	29.5	U	<	1.8	U
Phenanthrene	2500	40	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Phenol	2500	800	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
Pyrene	2500	40	<	10.9	U	<	10.7	U	<	11.3	U	<	10.2	U	<	11.7	U	<	0.37	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																				
PCB 1016	NC	NC	--			<	0.0431	U	--			<	0.0412	U	--			<	0.0458	U
PCB 1221	NC	NC	--			<	0.0861	U	--			<	0.0824	U	--			<	0.0916	U
PCB 1232	NC	NC	--			<	0.0431	U	--			<	0.0412	U	--			<	0.0458	U
PCB 1242	NC	NC	--			<	0.0861	U	--			<	0.0824	U	--			<	0.0916	U
PCB 1248	NC	NC	--			<	0.0861	U	--			<	0.0824	U	--			<	0.0916	U
PCB 1254	NC	NC	--			0.0703	NR	J	--			0.0668	NR		--			<	0.0458	U
PCB 1260	NC	NC	--			0.0355	NR	J	--			<	0.0412	U	--			<	0.0458	U
TOTAL PETROLEUM HYDROCARBONS																				
Total Petroleum Hydrocarbons (TPH)	2500	NA	--			--			--			--			--			<	11.5	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-2C			SB08L1-3A			SB08L1-3B			SB08L1-4A			SB08L1-4C			SB08L1-5A		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/15/98			12/10/98			12/10/98			1/7/99		
Sample Interval			4'4" - 6'4"			0'4" - 2'4"			4'4" - 6'4"			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																				
Aluminum	NC	NC	2780	NR		3970	NR		3370	NR		2890	NR		2820	NR		10700	NR	
Antimony	8200	0.06	<	11	U	<	10.8	U	<	11.4	U	<	10.3	U	<	11.8	U	18	0.01	
Arsenic	10	0.5	1.43	NR		4.23	NR		1.1	NR		1.14	NR		0.766	NR	J	1.44	NR	
Barium	140000	10	12.4	NR		14.3	NR		6.62	NR		13.5	NR		16.3	NR		18	NR	
Beryllium	2	0.04	0.156	NR	J	0.208	NR	J	0.17	NR	J	0.238	NR	J	0.151	NR	J	0.329	NR	J
Cadmium	1000	0.05	0.317	NR	J	0.291	NR	J	<	1.14	U	<	1.03	U	<	1.18	U	<	1.15	U
Calcium	NC	NC	<	849	U	<	735	U	730	NR		4200	NR		2850	NR		575	NR	
Chromium	51000	0.5	6.46	NR		22	NR		7.46	NR		10.9	NR		14.9	NR		15.2	NR	
Cobalt	NC	NC	3.93	NR		2.37	NR		2.13	NR		2.76	NR		2.21	NR		5.69	NR	
Copper	76000	13	9.9	NR		23.4	NR		17.5	NR		9.44	NR		7.96	NR		11.2	NR	
Iron	NC	NC	7250	NR		6370	NR		22.8	NR		5750	NR		5550	NR		13300	NR	
Lead	1000	0.15	12.8	NR		14.8	NR		23.1	NR		5.59	NR		5.32	NR		7.04	NR	
Magnesium	NC	NC	1480	NR		1150	NR		1150	NR		1360	NR		1310	NR		2770	NR	
Manganese	NC	NC	143	NR		115	NR		64.3	NR		248	NR		325	NR		150	NR	
Mercury	610	0.02	<	0.11	U	0.0463	NR	J	<	0.114	U	<	0.103	U	<	0.118	U	<	0.115	U
Nickel	7500	1	5.08	NR		5.28	NR		5.11	NR		4.61	NR		<	5.92	U	8.64	NR	
Potassium	NC	NC	768	NR		481	NR		512	NR		496	NR		508	NR		650	NR	
Selenium	10000	0.5	<	1.1	U	<	1.08	U	<	1.14	U	<	1.03	U	<	1.18	U	<	1.15	U
Silver	10000	0.36	<	2.19	U	<	2.15	U	<	2.28	U	<	2.06	U	<	2.37	U	<	2.29	U
Sodium	NC	NC	61.7	NR		60.3	NR		63.7	NR		115	NR		70.4	NR		356	NR	
Thallium	160	0.05	<	1.1	U	<	1.08	U	<	1.14	U	<	1.03	U	<	1.18	U	<	1.15	U
Vanadium	14000	0.5	11.9	NR		9.3	NR		8.46	NR		14	NR		11.1	NR		17.2	NR	
Zinc	610000	50	16.3	NR		44.5	NR		28.3	NR		14.8	NR		14.9	NR		32.2	NR	
METALS BY GRAPHITE FURNACE																				
Antimony	8200	0.06	<	1.32	U	<	1.29	U	<	1.37	U	<	1.24	U	<	1.42	U	<	1.37	U
OTHER PARAMETERS																				
Cation Excange Capacity	NC	NC	--			--			--			--			--			4.35	NR	
Cyanide	41000	NA	<	0.55	U	<	0.54	U	<	0.57	U	<	0.51	U	<	0.59	U	<	0.57	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			0.145	0.00011	

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-5B			SB08L1-6A			SB08L1-6C			SB08L1-7A			SB08L1-7B			SB08L1-7C			SB08L1-8A			SB08L1-8C		
Collect Date	ICC	PMC	1/7/99			12/8/98			12/8/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98		
Sample Interval			2'6" - 4'6"			2' - 4'			4' - 6'			0'10" - 2'10"			2'10" - 4'10"			4'10" - 6'10"			0'9" - 2'9"			4'9" - 6'9"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	UJ	<	0.005	UJ
1,2-Dichloropropane	84	1	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
2-Butanone	1000	80	<	0.011	U	<	0.017	UJ	<	0.014	UJ	<	1.600	U	<	1.000	U	<	0.860	U	<	0.010	UJ	0.011	0.005	
2-Hexanone	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.010	U	<	0.010	U
Acetone	1000	140	<	0.011	U	<	0.054	U	<	0.036	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.024	U	<	0.027	U
Benzene	200	0.2	<	0.005	U	<	0.005	U	0.001	0.005	J	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	0.001	0.005	J
Bromodichloromethane	NC	NC	<	0.005	U	<	0.005	UJ	<	0.005	UJ	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Bromoform	720	0.8	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Bromomethane	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.010	U	<	0.010	U
Carbon disulfide	NC	NC	0.001	0.005	J	<	0.005	U	0.005	0.005		<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	0.004	0.005	J
Carbon tetrachloride	44	1	<	0.005	UJ	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Chlorobenzene	1000	20	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Chloroethane	NC	NC	<	0.011	U	<	0.010	U	0.038	0.005	J	<	1.200	U	<	0.960	U	<	0.860	U	<	0.010	U	<	0.010	U
Chloroform	940	1.2	0.002	0.005	J	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	0.004	0.005	J	0.002	0.005	J
Chloromethane	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.010	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	0.063	0.005	J	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.005	U	<	0.005	UJ	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.005	U	0.002	0.005	J	<	1.200	U	<	0.960	U	0.390	0.860	J	<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	14	<	0.011	U	0.005	0.005	J	0.002	0.005	J	<	1.200	U	<	0.960	U	<	0.860	U	<	0.010	U	0.002	0.005	J
Methylene chloride	760	1	<	0.011	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Styrene	1000	20	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Toluene	1000	67	<	0.005	U	0.001	0.005	J	0.001	0.005	J	0.140	1.200	J	0.210	0.960	J	0.760	0.860	J	0.001	0.005	J	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	0.002	0.005	J	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.005	U	<	0.005	U
Trichloroethylene	520	1	<	0.005	U	0.058	0.005		<	0.005	U	<	1.200	U	0.280	0.960	J	<	0.860	U	0.002	0.005	J	<	0.005	U
Vinyl acetate	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.010	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.011	U	<	0.010	U	<	0.010	U	<	1.200	U	<	0.960	U	<	0.860	U	<	0.010	U	<	0.010	U
Xylenes, Total	1000	19.5	<	0.005	U	0.001	0.005	J	0.004	0.005	J	1.700	1.200	J	1.400	0.960	J	6.400	0.860	J	<	0.005	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-5B			SB08L1-6A			SB08L1-6C			SB08L1-7A			SB08L1-7B			SB08L1-7C			SB08L1-8A			SB08L1-8C		
Collect Date	ICC	PMC	1/7/99			12/8/98			12/8/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98		
Sample Interval			2'6" - 4'6"			2' - 4'			4' - 6'			0'10" - 2'10"			2'10" - 4'10"			4'10" - 6'10"			0'9" - 2'9"			4'9" - 6'9"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
1,2-Dichlorobenzene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
1,3-Dichlorobenzene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
1,4-Dichlorobenzene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
2,4,5-Trichlorophenol	NC	NC	<	1.7	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	1.7	U	<	2	U
2,4,6-Trichlorophenol	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
2,4-Dichlorophenol	2500	4	<	0.34	U	<	9.58	U	<	11.3	U	<	9.63	U	--			<	10.4	U	<	0.35	U	<	0.4	U
2,4-Dimethylphenol	NC	NC	<	0.34	U	<	9.58	U	<	11.3	U	<	9.63	U	--			<	10.4	U	<	0.35	U	<	0.4	U
2,4-Dinitrophenol	NC	NC	<	1.7	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	1.7	U	<	2	U
2,4-Dinitrotoluene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
2,6-Dinitrotoluene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
2-Chloronaphthalene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
2-Chlorophenol	2500	7.2	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
2-Methylnaphthalene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
2-Methylphenol	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
2-Nitroaniline	NC	NC	<	1.7	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	1.7	U	<	2	U
2-Nitrophenol	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
3,3'-Dichlorobenzidine	NC	NC	<	0.69	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	0.69	U	<	0.8	U
3-Nitroaniline	NC	NC	<	1.7	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	1.7	U	<	2	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.7	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	1.7	U	<	2	U
4-Bromophenylphenyl ether	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
4-Chloro-3-methylphenol	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
4-Chloroaniline	NC	NC	<	0.34	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	0.35	U	<	0.4	U
4-Chlorophenylphenyl ether	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
4-Methylphenol	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
4-Nitroaniline	NC	NC	<	1.7	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	1.7	U	<	2	U
4-Nitrophenol	NC	NC	<	1.7	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Acenaphthene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.012	0.35	J	<	0.4	U
Acenaphthylene	2500	84	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.025	0.35	J	<	0.4	U
Anthracene	2500	400	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.041	0.35	J	<	0.4	U
Benzo(b)fluoranthene	7.8	1	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.12	0.35	J	<	0.4	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.12	0.35	J	<	0.4	U
Benzo(a)anthracene	7.8	1	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.13	0.35	J	0.01	0.4	J
Benzo(a)pyrene	1	1	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.13	0.35	J	0.008	0.4	J
Benzo(k)fluoranthene	78	1	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.12	0.35	J	<	0.4	U
Benzoic acid	NC	NC	<	1.7	U	--			--			--			--			--			<	0.35	U	<	0.4	U
Benzyl alcohol	NC	NC	<	0.34	U	--			--			--			--			--			<	0.35	U	<	0.4	U
Bis(2-chloroethoxy) methane	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Butylbenzyl phthalate	2500	200	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Carbazole	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.018	0.35	J	<	0.4	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-5B			SB08L1-6A			SB08L1-6C			SB08L1-7A			SB08L1-7B			SB08L1-7C			SB08L1-8A			SB08L1-8C		
Collect Date	ICC	PMC	1/7/99			12/8/98			12/8/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98		
Sample Interval			2'6" - 4'6"			2' - 4'			4' - 6'			0'10" - 2'10"			2'10" - 4'10"			4'10" - 6'10"			0'9" - 2'9"			4'9" - 6'9"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.13	0.35	J	0.012	0.4	J
Di-n-butyl phthalate	2500	140	0.014	0.34	J	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Di-n-octyl phthalate	2500	20	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	UUJ
Dibenz(a,h)anthracene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Dibenzofuran	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Diethyl phthalate	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	UUJ	<	0.4	U
Dimethyl phthalate	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Fluoranthene	2500	56	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.23	0.35	J	0.013	0.4	J
Fluorene	2500	56	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.015	0.35	J	<	0.4	U
Hexachlorobenzene	3.6	1	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Hexachlorobutadiene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Hexachlorocyclopentadiene	NC	NC	<	0.34	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	0.35	U	<	0.4	U
Hexachloroethane	410	1	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.1	0.35	J	<	0.4	U
Isophorone	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
N-Nitrosodiphenylamine	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Napthalene	2500	56	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Nitrobenzene	NC	NC	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Pentachlorophenol	48	1	<	1.7	U	<	26.5	U	<	31.4	U	<	26.6	U	--			<	28.7	U	<	1.7	U	<	2	U
Phenanthrene	2500	40	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.13	0.35	J	<	0.4	U
Phenol	2500	800	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	<	0.35	U	<	0.4	U
Pyrene	2500	40	<	0.34	U	<	10.5	U	<	12.5	U	<	10.6	U	--			<	11.4	U	0.22	0.35	J	0.016	0.4	J
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0426	U	--			<	4.28	U	--			--			<	0.0417	U	--		
PCB 1221	NC	NC	--			<	0.0852	U	--			<	8.56	U	--			--			<	0.0833	U	--		
PCB 1232	NC	NC	--			<	0.0426	U	--			<	4.28	U	--			--			<	0.0417	U	--		
PCB 1242	NC	NC	--			<	0.0852	U	--			<	8.56	U	--			--			<	0.0833	U	--		
PCB 1248	NC	NC	--			<	0.0852	U	--			<	8.56	U	--			--			<	0.0833	U	--		
PCB 1254	NC	NC	--			<	0.0426	U	--			<	4.28	U	--			--			<	0.0417	U	--		
PCB 1260	NC	NC	--			0.0855	NR	J	--			1.3	NR	J	--			--			0.0439	NR		--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-5B			SB08L1-6A			SB08L1-6C			SB08L1-7A			SB08L1-7B			SB08L1-7C			SB08L1-8A			SB08L1-8C		
Collect Date	ICC	PMC	1/7/99			12/8/98			12/8/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98		
Sample Interval			2'6" - 4'6"			2' - 4'			4' - 6'			0'10" - 2'10"			2'10" - 4'10"			4'10" - 6'10"			0'9" - 2'9"			4'9" - 6'9"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	2940	NR		6640	NR		3620	NR		4390	NR		--			7360	NR		3540	NR		3920	NR	
Antimony	8200	0.06	9.27	0.01		<	10.6	U	<	12.6	U	4.23	0.01		--			<	11.5	U	<	10.4	U	<	14.1	U
Arsenic	10	0.5	<	1.04	U	3.18	NR		1.67	NR		2.53	NR		--			5.01	NR		3.35	NR		2.37	NR	
Barium	140000	10	9.27	NR		58.8	NR		8.87	NR		18.3	NR		--			26.4	NR		30.7	NR		16.4	NR	
Beryllium	2	0.04	0.186	NR	J	0.349	NR	J	0.157	NR	J	0.17	NR	J	--			0.3	NR	J	0.166	NR	J	0.184	NR	J
Cadmium	1000	0.05	<	1.04	U	1.27	NR		<	1.26	U	0.215	NR	J	--			0.563	NR	J	1.49	NR		0.376	NR	J
Calcium	NC	NC	390	NR		18900	NR		743	NR		6120	NR		--			3650	NR		833	NR		4940	NR	
Chromium	51000	0.5	5.21	NR		31.9	NR		5.94	NR		15.4	NR		--			48.4	NR		37.3	NR		63.6	NR	
Cobalt	NC	NC	3	NR		4.77	NR		2.19	NR		3.87	NR		--			8.1	NR		4.04	NR		3.33	NR	
Copper	76000	13	6.88	NR		161	NR		4.85	NR		29.4	NR		--			52.8	NR		23.8	NR		12.5	NR	
Iron	NC	NC	5540	NR		10600	NR		5700	NR		7290	NR		--			12600	NR		6880	NR		6910	NR	
Lead	1000	0.15	2.2	NR		28.6	NR		3.6	NR		10	NR		--			17	NR		15.3	NR		4.2	NR	
Magnesium	NC	NC	991	NR		2900	NR		1340	NR		2060	NR		--			3230	NR		1250	NR		1820	NR	
Manganese	NC	NC	124	NR		173	NR		71.9	NR		100	NR		--			257	NR		110	NR		76.3	NR	
Mercury	610	0.02	<	0.104	U	0.0423	NR	J	<	0.126	U	0.0551	NR	J	--			0.0508	NR	J	0.062	NR	J	<	0.141	U
Nickel	7500	1	4.06	NR	J	15.7	NR		2.65	NR		8.59	NR		--			20.7	NR		6.57	NR		6.19	NR	
Potassium	NC	NC	513	NR	J	793	NR		473	NR		823	NR		--			693	NR		589	NR		823	NR	
Selenium	10000	0.5	<	1.04	U	<	1.06	U	<	1.26	U	<	1.07	U	--			<	1.15	U	<	1.04	U	<	1.41	U
Silver	10000	0.36	<	2.07	U	<	2.13	U	<	2.52	U	<	2.14	U	--			<	2.3	U	<	2.08	U	<	2.82	U
Sodium	NC	NC	59	NR	J	336	NR		125	NR		120	NR		--			98.4	NR		96.3	NR		180	NR	
Thallium	160	0.05	<	1.04	U	<	1.06	U	<	1.26	U	<	1.07	U	--			<	1.15	U	<	1.04	U	<	1.41	U
Vanadium	14000	0.5	5.81	NR		19.3	NR		8.4	NR		10.7	NR		--			15.6	NR		8.58	NR		10.7	NR	
Zinc	610000	50	13.4	NR		80.7	NR		12.8	NR		46.8	NR		--			75.5	NR		36.8	NR		22	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.24	U	2.84	0.01		1.51	0.01		<	1.28	U	--			<	1.38	U	--			<	1.69	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.52	U	<	0.53	U	<	0.63	U	<	0.53	U	--			<	0.58	U	<	0.52	U	<	0.71	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-9A			SB08L1-9C			SB09A1-1A			SB09A1-1A			SB09A1-1B			SB09A1-2A			SB09A1-2B			SB09A1-3A		
Collect Date	ICC	PMC	12/29/98			12/29/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'8" - 2'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	0.044	0.005		0.002	0.006	J	<	0.005	U	--			0.200	1.800	J	<	1.000	U	0.069	0.005		<	0.980	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	<	0.980	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	<	0.980	U
1,1-Dichloroethane	1000	14	0.003	0.005	J	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	0.042	0.005		<	0.980	U
1,1-Dichloroethylene	9.5	1.4	0.024	0.005		0.002	0.006	J	<	0.005	U	--			<	1.800	U	<	1.000	U	0.001	0.005	J	<	0.980	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.006	UJ	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	<	0.980	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	<	0.980	U
2-Butanone	1000	80	<	0.017	U	<	0.012	U	0.021	0.005		--			<	1.800	U	<	1.000	UJ	<	0.009	UJ	1.100	0.980	
2-Hexanone	NC	NC	<	0.017	U	<	0.012	U	<	0.010	U	--			<	1.800	U	<	1.000	U	<	0.009	U	<	0.980	U
Acetone	1000	140	<	0.023	U	<	0.027	U	<	0.059	U	--			<	1.800	U	<	1.000	UJ	<	0.014	U	<	0.980	U
Benzene	200	0.2	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	0.002	0.005	J	<	0.980	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.006	U	<	0.005	UJ	--			<	1.800	U	<	1.000	U	<	0.005	UJ	<	0.980	U
Bromoform	720	0.8	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	<	0.980	U
Bromomethane	NC	NC	<	0.017	U	<	0.012	U	<	0.010	U	--			<	1.800	U	<	1.000	U	<	0.009	U	<	0.980	U
Carbon disulfide	NC	NC	<	0.005	U	0.001	0.006	J	<	0.005	U	--			<	1.800	U	<	1.000	U	0.000	0.005	J	<	0.980	U
Carbon tetrachloride	44	1	<	0.005	UJ	<	0.006	UJ	<	0.005	UJ	--			<	1.800	U	<	1.000	U	<	0.005	UJ	<	0.980	U
Chlorobenzene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	0.000	0.005	J	<	0.980	U
Chloroethane	NC	NC	<	0.017	U	<	0.012	U	<	0.010	U	--			<	1.800	U	<	1.000	U	<	0.009	U	<	0.980	U
Chloroform	940	1.2	0.003	0.005	J	0.004	0.006	J	<	0.005	U	--			<	1.800	U	<	1.000	U	0.001	0.005	J	<	0.980	U
Chloromethane	NC	NC	<	0.017	U	<	0.012	U	<	0.010	U	--			<	1.800	U	<	1.000	U	<	0.009	U	<	0.980	U
cis-1,2-Dichloroethylene	100	14	0.008	0.005		<	0.006	U	0.011	0.005		--			5.300	1.800		0.280	1.000	J	1.500	0.005	E	0.740	0.980	J
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	<	0.980	U
Dibromochloromethane	68	0.1	<	0.005	UJ	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	<	0.980	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	2.900	0.980	
Methyl isobutyl ketone	1000	14	0.006	0.005	J	<	0.012	U	<	0.010	U	--			<	1.800	U	<	1.000	U	<	0.009	U	<	0.980	U
Methylene chloride	760	1	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	UJ	<	1.000	UJ	<	0.005	U	<	0.980	U
Styrene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	<	0.980	U
Tetrachloroethylene	110	1	0.002	0.005	J	<	0.006	U	0.050	0.005	J	--			21.000	1.800		2.800	1.000		0.840	0.005	E	0.180	0.980	J
Toluene	1000	67	<	0.005	U	<	0.006	U	0.001	0.005	J	--			<	1.800	U	<	1.000	U	<	0.005	U	9.000	0.980	
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	0.006	0.005		<	0.980	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	--			<	1.800	U	<	1.000	U	<	0.005	U	<	0.980	U
Trichloroethylene	520	1	0.110	0.005		0.008	0.006		0.030	0.005		--			25.000	1.800		1.400	1.000		1.300	0.005	E	<	0.980	U
Vinyl acetate	NC	NC	<	0.017	U	<	0.012	U	<	0.010	U	--			<	1.800	U	<	1.000	U	<	0.009	U	<	0.980	U
Vinyl chloride	3	0.4	<	0.017	U	<	0.012	U	<	0.010	U	--			<	1.800	U	<	1.000	U	<	0.009	U	2.300	0.980	
Xylenes, Total	1000	19.5	<	0.005	U	<	0.006	U	0.000	0.005	J	--			<	1.800	U	<	1.000	U	0.001	0.005	J	22.000	0.980	

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-9A			SB08L1-9C			SB09A1-1A			SB09A1-1A			SB09A1-1B			SB09A1-2A			SB09A1-2B			SB09A1-3A		
Collect Date	ICC	PMC	12/29/98			12/29/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'8" - 2'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
1,2-Dichlorobenzene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
1,3-Dichlorobenzene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
1,4-Dichlorobenzene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
2,4,5-Trichlorophenol	NC	NC	<	1.7	U	<	9.9	U	<	26.4	U	--			<	28.6	U	<	26.4	U	<	29.1	U	<	29.1	U
2,4,6-Trichlorophenol	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
2,4-Dichlorophenol	2500	4	<	0.35	U	<	0.34	U	<	9.55	U	--			<	10.3	U	<	9.53	U	<	10.5	U	<	10.5	U
2,4-Dimethylphenol	NC	NC	<	0.35	U	<	0.34	U	<	9.55	U	--			<	10.3	U	<	9.53	U	<	10.5	U	<	10.5	U
2,4-Dinitrophenol	NC	NC	<	1.7	U	<	1.7	U	<	26.4	U	--			<	28.6	U	<	9.9	U	<	29.1	U	<	29.1	U
2,4-Dinitrotoluene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
2,6-Dinitrotoluene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
2-Chloronaphthalene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
2-Chlorophenol	2500	7.2	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
2-Methylnaphthalene	NC	NC	0.001	0.35	J	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
2-Methylphenol	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
2-Nitroaniline	NC	NC	<	1.7	U	<	1.7	U	<	26.4	U	--			<	28.6	U	<	26.4	U	<	29.1	U	<	29.1	U
2-Nitrophenol	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
3,3'-Dichlorobenzidine	NC	NC	<	0.71	U	<	0.69	U	<	26.4	U	--			<	28.6	U	<	26.4	U	<	29.1	U	<	29.1	U
3-Nitroaniline	NC	NC	<	1.7	U	<	1.7	U	<	26.4	U	--			<	28.6	U	<	26.4	U	<	29.1	U	<	29.1	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.7	U	<	1.7	U	<	26.4	U	--			<	28.6	U	<	26.4	U	<	29.1	U	<	29.1	U
4-Bromophenylphenyl ether	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
4-Chloro-3-methylphenol	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
4-Chloroaniline	NC	NC	<	0.35	U	<	0.34	U	<	26.4	U	--			<	28.6	U	<	26.4	U	<	29.1	U	<	29.1	U
4-Chlorophenylphenyl ether	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
4-Methylphenol	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
4-Nitroaniline	NC	NC	<	1.7	U	<	1.7	U	<	26.4	U	--			<	28.6	U	<	26.4	U	<	29.1	U	<	29.1	U
4-Nitrophenol	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Acenaphthene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Acenaphthylene	2500	84	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Anthracene	2500	400	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Benzo(b)fluoranthene	7.8	1	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Benzo(a)anthracene	7.8	1	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Benzo(a)pyrene	1	1	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Benzo(k)fluoranthene	78	1	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Benzoic acid	NC	NC	<	0.35	U	<	0.34	U	--			--			--			--			--			--		
Benzyl alcohol	NC	NC	<	0.35	U	<	0.34	U	--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Butylbenzyl phthalate	2500	200	0.001	0.35	J	0.002	0.34	J	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Carbazole	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-9A			SB08L1-9C			SB09A1-1A			SB09A1-1A			SB09A1-1B			SB09A1-2A			SB09A1-2B			SB09A1-3A		
Collect Date	ICC	PMC	12/29/98			12/29/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'8" - 2'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Di-n-butyl phthalate	2500	140	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Di-n-octyl phthalate	2500	20	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Dibenz(a,h)anthracene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Dibenzofuran	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Diethyl phthalate	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Dimethyl phthalate	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Fluoranthene	2500	56	<	0.35	U	0.002	0.34	J	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Fluorene	2500	56	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Hexachlorobenzene	3.6	1	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Hexachlorobutadiene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Hexachlorocyclopentadiene	NC	NC	<	0.35	U	<	0.34	U	<	26.4	U	--			<	28.6	U	<	26.4	U	<	29.1	U	<	29.1	U
Hexachloroethane	410	1	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Isophorone	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
N-Nitrosodiphenylamine	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Napthalene	2500	56	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Nitrobenzene	NC	NC	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Pentachlorophenol	48	1	<	1.7	U	<	1.7	U	<	26.4	U	--			<	28.6	U	<	26.4	U	<	29.1	U	<	29.1	U
Phenanthrene	2500	40	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Phenol	2500	800	<	0.35	U	<	0.34	U	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
Pyrene	2500	40	<	0.35	U	0.001	0.34	J	<	10.5	U	--			<	11.4	U	<	10.5	U	<	11.6	U	<	11.6	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0441	U	--			<	4.25	UUJ	<	0.02	U	--			<	4.24	U	--			<	4.67	UUJ
PCB 1221	NC	NC	<	0.0881	U	--			<	8.49	UUJ	<	0.02	U	--			<	8.47	U	--			<	9.33	UUJ
PCB 1232	NC	NC	<	0.0441	U	--			<	4.25	UUJ	<	0.01	U	--			<	4.24	U	--			<	4.67	UUJ
PCB 1242	NC	NC	<	0.0881	U	--			<	8.49	UUJ	<	0.01	U	--			<	8.47	U	--			<	9.33	UUJ
PCB 1248	NC	NC	<	0.0881	U	--			<	8.49	UUJ	<	0.01	U	--			<	8.47	U	--			<	9.33	UUJ
PCB 1254	NC	NC	<	0.0441	U	--			<	4.25	UUJ	<	0.01	U	--			<	4.24	U	--			<	4.67	U
PCB 1260	NC	NC	<	0.0441	U	--			<	4.25	UUJ	<	0.01	U	--			<	4.24	U	--			<	4.67	UUJ
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			2080	NR		--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB08L1-9A			SB08L1-9C			SB09A1-1A			SB09A1-1A			SB09A1-1B			SB09A1-2A			SB09A1-2B			SB09A1-3A		
Collect Date	ICC	PMC	12/29/98			12/29/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'8" - 2'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	3360	NR		3460	NR		6660	NR		--			5230	NR		7890	NR		11200	NR		13400	NR	
Antimony	8200	0.06	<	11	U	<	10.4	U	<	10.6	U	--			<	11.5	U	<	10.6	UUJ	<	11.7	U	<	11.7	U
Arsenic	10	0.5	5.38	NR		<	1.04	U	6.58	NR		--			3.66	NR		4.68	NR		5.23	NR		3.98	NR	
Barium	140000	10	14.2	NR		9.9	NR		42.3	NR		--			34.8	NR		51	NR		45.2	NR		31.4	NR	
Beryllium	2	0.04	0.348	NR	J	0.173	NR	J	0.272	NR	J	--			0.224	NR	J	0.293	NR	J	0.456	NR	J	0.576	NR	J
Cadmium	1000	0.05	<	1.1	U	<	1.04	U	0.347	NR	J	--			0.561	NR	J	<	1.06	U	<	1.17	U	0.81	NR	J
Calcium	NC	NC	823	NR		628	NR		1330	NR		--			1020	NR		1770	NR		1080	NR		1070	NR	
Chromium	51000	0.5	8.24	NR		5.45	NR		19.9	NR		--			24.8	NR		22.7	NR		63.8	NR		26	NR	
Cobalt	NC	NC	4.55	NR		1.95	NR		7.99	NR		--			5.45	NR		6.8	NR		9.77	NR		7.95	NR	
Copper	76000	13	14.1	NR		5.8	NR		33.4	NR		--			67.2	NR		22.6	NR		36.1	NR		24.6	NR	
Iron	NC	NC	12700	NR		5610	NR		12700	NR		--			9600	NR		13800	NR		16400	NR		15300	NR	
Lead	1000	0.15	5	NR		2.4	NR		13.6	NR		--			27.5	NR		8	NR		17.1	NR		13.7	NR	
Magnesium	NC	NC	1170	NR		1380	NR		3510	NR		--			2120	NR		4470	NR		5750	NR		3600	NR	
Manganese	NC	NC	134	NR		81.7	NR		209	NR		--			149	NR		215	NR	J	201	NR		189	NR	
Mercury	610	0.02	0.0377	NR	J	<	0.104	U	0.0331	NR	J	--			2.39	NR		0.117	NR		0.0536	NR	J	<	0.117	U
Nickel	7500	1	9.66	NR		4.16	NR		17.3	NR		--			16.9	NR		21.9	NR		30.4	NR		24.2	NR	
Potassium	NC	NC	412	NR		445	NR		1750	NR		--			772	NR		2170	NR		1900	NR		798	NR	
Selenium	10000	0.5	<	1.1	U	<	1.04	U	<	1.06	U	--			<	1.15	U	<	1.06	U	<	1.17	U	<	1.17	U
Silver	10000	0.36	<	2.2	U	<	2.09	U	<	2.12	U	--			<	2.29	U	<	2.12	U	<	2.33	U	<	2.33	U
Sodium	NC	NC	160	NR		58.9	NR		91.6	NR		--			65.3	NR		97	NR		502	NR		78.5	NR	
Thallium	160	0.05	<	1.1	U	<	1.04	U	<	1.06	U	--			<	1.15	U	<	1.06	U	<	1.17	U	<	1.17	U
Vanadium	14000	0.5	9.11	NR		7.04	NR		19.8	NR		--			12.4	NR		24.8	NR		30.2	NR		25.6	NR	
Zinc	610000	50	17.5	NR		16.1	NR		48.5	NR		--			66	NR		38.6	NR		96.4	NR		38.5	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.32	U	<	1.25	U	<	1.27	U	--			<	1.38	U	<	1.27	U	<	1.4	U	<	1.4	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			2.21	NR		--			--			--			--			--		
Cyanide	41000	2	<	0.55	U	<	0.52	U	<	0.53	U				<	0.57	U	<	0.53	U	<	0.58	U	<	0.58	U
Total Organic Carbon (TOC)	NC	NC	--			--			<	0.11	U	--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09A1-3B			SB09A1-4A			SB09A1-4B			SB09A2-1A			SB09A2-1C			SB09B2-1A			SB09B2-1C			SB09B3-1A			
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98			12/29/98			
Sample Interval			2'8" - 4'8"			0'8" - 2'8"			2'8" - 4'8"			1' - 3'			3' - 5'			0'7" - 2'7"			4'7" - 6'7"			0'9" - 2'9"			
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result
VOLATILE ORGANICS																											
1,1,1-Trichloroethane	1000	40	<	5.100	U	<	5.600	U	<	4.400	U	8.900	2.700		<	4.700	U	<	0.006	U	<	0.005	U	0.001	0.006	J	<
1,1,2,2-Tetrachloroethane	220	0.1	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
1,1,2-Trichloroethane	100	1	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
1,1-Dichloroethane	1000	14	0.610	5.100	J	0.320	5.600	J	<	4.400	U	6.600	2.700		<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
1,1-Dichloroethylene	9.5	1.4	1.200	5.100	J	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
1,2-Dichloroethane	63	0.2	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	UJ	<	0.005	UJ	<	0.006	U	<
1,2-Dichloropropane	84	1	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
2-Butanone	1000	80	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	UJ	<	4.700	U	<	0.011	UJ	0.012	0.005		0.031	0.006	J	<
2-Hexanone	NC	NC	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.011	U	<	0.011	U	0.004	0.006	J	<
Acetone	1000	140	<	5.100	UJ	<	5.600	U	<	4.400	U	4.700	2.700	J	<	4.700	U	<	0.015	U	<	0.028	U	<	0.098	U	<
Benzene	200	0.2	2.300	5.100	J	0.740	5.600	J	<	4.400	U	<	2.700	U	0.380	4.700	J	<	0.006	U	<	0.005	U	0.001	0.006	J	0.003
Bromodichloromethane	NC	NC	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
Bromoform	720	0.8	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
Bromomethane	NC	NC	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.011	U	<	0.011	U	<	0.013	U	<
Carbon disulfide	NC	NC	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	0.001	0.005	J	0.001	0.006	J	0.004
Carbon tetrachloride	44	1	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	UJ	<	0.005	UJ	<	0.006	UJ	<
Chlorobenzene	1000	20	1.500	5.100	J	<	5.600	U	0.450	4.400	J	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
Chloroethane	NC	NC	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.011	U	<	0.011	U	<	0.013	U	<
Chloroform	940	1.2	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	0.002	0.006	J	0.002	0.005	J	0.004	0.006	J	0.005
Chloromethane	NC	NC	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.011	U	<	0.011	U	<	0.013	U	<
cis-1,2-Dichloroethylene	100	14	86.000	5.100		1.500	5.600	J	16.000	4.400		46.000	2.700		32.000	4.700		<	0.006	U	<	0.005	U	0.021	0.006		0.009
cis-1,3-Dichloropropene	NC	NC	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
Dibromochloromethane	68	0.1	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	0.001	0.006	J	<
Ethylbenzene	1000	10.1	12.000	5.100		7.600	5.600	J	4.600	4.400		<	2.700	U	10.000	4.700		<	0.006	U	<	0.005	U	0.001	0.006	J	<
Methyl isobutyl ketone	1000	14	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	0.008	0.006	J	<	0.011	U	0.009	0.006	J	<
Methylene chloride	760	1	<	5.100	UJ	<	5.600	UJ	<	4.400	UJ	3.000	2.700	J	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
Styrene	1000	20	0.580	5.100	J	0.860	5.600	J	0.260	4.400	J	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
Tetrachloroethylene	110	1	0.650	5.100	J	1.000	5.600	J	0.280	4.400	J	16.000	2.700		0.780	4.700	J	<	0.006	U	<	0.005	U	0.002	0.006	J	<
Toluene	1000	67	36.000	5.100		17.000	5.600	J	6.600	4.400		<	2.700	U	8.200	4.700		<	0.006	U	<	0.005	U	0.003	0.006	J	<
trans-1,2-Dichloroethylene	1000	20	0.900	5.100	J	<	5.600	U	<	4.400	U	0.410	2.700	J	0.600	4.700	J	<	0.006	U	<	0.005	U	<	0.006	U	0.001
trans-1,3-Dichloropropene	NC	NC	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.006	U	<	0.005	U	<	0.006	U	<
Trichloroethylene	520	1	<	5.100	U	0.640	5.600	J	<	4.400	U	18.000	2.700		<	4.700	U	<	0.006	U	<	0.005	U	0.058	0.006		<
Vinyl acetate	NC	NC	<	5.100	U	<	5.600	U	<	4.400	U	<	2.700	U	<	4.700	U	<	0.011	U	<	0.011	U	<	0.013	U	<
Vinyl chloride	3	0.4	7.700	5.100		<	5.600	U	2.000	4.400	J	<	2.700	U	<	4.700	U	<	0.011	U	<	0.011	U	<	0.013	U	<
Xylenes, Total	1000	19.5	76.000	5.100		91.000	5.600	J	27.000	4.400		<	2.700	U	78.000	4.700		<	0.006	U	0.002	0.005	J	0.009	0.006		<

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09A1-3B			SB09A1-4A			SB09A1-4B			SB09A2-1A			SB09A2-1C			SB09B2-1A			SB09B2-1C			SB09B3-1A			
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98			12/29/98			
Sample Interval			2'8" - 4'8"			0'8" - 2'8"			2'8" - 4'8"			1' - 3'			3' - 5'			0'7" - 2'7"			4'7" - 6'7"			0'9" - 2'9"			
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result
SEMIVOLATILE ORGANICS																											
1,2,4-Trichlorobenzene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	0.014
1,2-Dichlorobenzene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	0.026
1,3-Dichlorobenzene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
1,4-Dichlorobenzene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	0.014
2,4,5-Trichlorophenol	NC	NC	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	1.7	U	<	2.2	U	<	1.7	U	<
2,4,6-Trichlorophenol	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
2,4-Dichlorophenol	2500	4	<	11	U	<	10.3	U	<	10.6	U	<	9.43	U	<	10.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
2,4-Dimethylphenol	NC	NC	<	11	U	<	10.3	U	<	10.6	U	<	9.43	U	<	10.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
2,4-Dinitrophenol	NC	NC	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	1.7	U	<	2.2	U	<	1.7	U	<
2,4-Dinitrotoluene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
2,6-Dinitrotoluene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
2-Chloronaphthalene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
2-Chlorophenol	2500	7.2	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
2-Methylnaphthalene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	0.014	0.35	J	0.072
2-Methylphenol	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
2-Nitroaniline	NC	NC	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	1.7	U	<	2.2	U	<	1.7	U	<
2-Nitrophenol	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
3,3'-Dichlorobenzidine	NC	NC	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	0.69	U	<	0.9	U	<	0.7	U	<
3-Nitroaniline	NC	NC	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	1.7	U	<	2.2	U	<	1.7	U	<
4,6-Dinitro-2-methylphenol	NC	NC	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	1.7	U	<	2.2	U	<	1.7	U	<
4-Bromophenylphenyl ether	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
4-Chloro-3-methylphenol	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
4-Chloroaniline	NC	NC	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	0.35	U	<	0.45	U	<	0.35	U	<
4-Chlorophenylphenyl ether	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
4-Methylphenol	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	0.046
4-Nitroaniline	NC	NC	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	1.7	U	<	2.2	U	<	1.7	U	<
4-Nitrophenol	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Acenaphthene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.035	0.35	J	<	0.45	U	0.02	0.35	J	0.76
Acenaphthylene	2500	84	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	0.15	0.35	J	0.34
Anthracene	2500	400	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.13	0.35	J	0.004	0.45	J	0.18	0.35	J	6.8
Benzo(b)fluoranthene	7.8	1	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.33	0.35	J	<	0.45	U				15
Benzo(g,h,I)fluoranthene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.42	0.35		<	0.45	U	0.2	0.35	J	1.9
Benzo(a)anthracene	7.8	1	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.47	0.35		0.015	0.45	J	0.8	0.35		20
Benzo(a)pyrene	1	1	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.44	0.35		<	0.45	U	0.82	0.35		16
Benzo(k)fluoranthene	78	1	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.4	0.35		<	0.45	U	0.87	0.35		12
Benzoic acid	NC	NC	--			--			--			--			--			<	0.35	U	0.049	0.45	J	<	0.35	U	<
Benzyl alcohol	NC	NC	--			--			--			--			--			<	0.35	U	<	0.45	U	<	0.35	U	<
Bis(2-chloroethoxy) methane	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Bis(2-chloroethyl) ether	5.2	2.4	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Bis(2-chloroisopropyl) ether	82	2.4	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Bis(2-ethylhexyl) phthalate	410	11	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Butylbenzyl phthalate	2500	200	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Carbazole	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.052	0.35	J	<	0.45	U	0.039	0.35	J	0.21

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Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09A1-3B			SB09A1-4A			SB09A1-4B			SB09A2-1A			SB09A2-1C			SB09B2-1A			SB09B2-1C			SB09B3-1A			
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98			12/29/98			
Sample Interval			2'8" - 4'8"			0'8" - 2'8"			2'8" - 4'8"			1' - 3'			3' - 5'			0'7" - 2'7"			4'7" - 6'7"			0'9" - 2'9"			
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result
Chrysene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.44	0.35		0.012	0.45	J	1.1	0.35		22
Di-n-butyl phthalate	2500	140	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Di-n-octyl phthalate	2500	20	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	UUJ	0.014	0.35	J	<
Dibenz(a,h)anthracene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.12	0.35	J	<	0.45	U	0.096	0.35	J	1.4
Dibenzofuran	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.01	0.35	J	<	0.45	U	0.009	0.35	J	0.28
Diethyl phthalate	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Dimethyl phthalate	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Fluoranthene	2500	56	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.74	0.35		0.02	0.45	J	1.3	0.35		28
Fluorene	2500	56	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.034	0.35	J	<	0.45	U	0.014	0.35	J	0.75
Hexachlorobenzene	3.6	1	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Hexachlorobutadiene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Hexachlorocyclopentadiene	NC	NC	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Hexachloroethane	410	1	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Indeno(1,2,3-C,D)pyrene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.36	0.35		<	0.45	U	0.23	0.35	J	3.2
Isophorone	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
N-Nitrosodi-n-propylamine	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
N-Nitrosodiphenylamine	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Napthalene	2500	56	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	0.009	0.35	J	0.048
Nitrobenzene	NC	NC	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Pentachlorophenol	48	1	<	30.5	U	<	28.4	U	<	29.4	U	<	26.1	U	<	28.4	U	<	1.7	U	<	2.2	U	<	1.7	U	<
Phenanthrene	2500	40	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.44	0.35		0.01	0.45	J	0.4	0.35		7.1
Phenol	2500	800	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	<	0.35	U	<	0.45	U	<	0.35	U	<
Pyrene	2500	40	<	12.1	U	<	11.3	U	<	11.7	U	<	10.4	U	<	11.3	U	0.93	0.35		0.02	0.45	J	1.5	0.35		58
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																											
PCB 1016	NC	NC	--			<	45.6	UUJ	--			<	0.0419	U	--			<	0.0427	U	--			<	0.0431	U	--
PCB 1221	NC	NC	--			<	91.2	UUJ	--			<	0.0839	U	--			<	0.0855	U	--			<	0.0863	U	--
PCB 1232	NC	NC	--			<	45.6	U	--			<	0.0419	U	--			<	0.0427	U	--			<	0.0431	U	--
PCB 1242	NC	NC	--			<	91.2	UUJ	--			<	0.0839	U	--			<	0.0855	U	--			<	0.0863	U	--
PCB 1248	NC	NC	--			<	91.2	UUJ	--			<	0.0839	U	--			<	0.0855	U	--			<	0.0863	U	--
PCB 1254	NC	NC	--			<	45.6	UUJ	--			<	0.0419	U	--			<	0.0427	U	--			<	0.0431	U	--
PCB 1260	NC	NC	--			74	NR	J	--			0.0246	NR		--			0.0292	NR		--			<	0.0431	U	--
TOTAL PETROLEUM HYDROCARBONS																											
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			79.6	NR		--			804	NR		--

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Field ID	CTDEP	CTDEP	SB09A1-3B			SB09A1-4A			SB09A1-4B			SB09A2-1A			SB09A2-1C			SB09B2-1A			SB09B2-1C			SB09B3-1A			
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98			12/29/98			
Sample Interval			2'8" - 4'8"			0'8" - 2'8"			2'8" - 4'8"			1' - 3'			3' - 5'			0'7" - 2'7"			4'7" - 6'7"			0'9" - 2'9"			
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result
METALS (mg/kg)																											
Aluminum	NC	NC	8820	NR		10800	NR		12000	NR		5890	NR		2550	NR		4610	NR		2700	NR		6660	NR		6070
Antimony	8200	0.06	<	12.2	U	8.61	0.01		<	11.8	U	<	10.5	U	<	11.4	U	<	10.7	U	5.27	0.01		<	10.8	U	<
Arsenic	10	0.5	5	NR		3.75	NR		4.5	NR		6.06	NR		2.78	NR		3.19	NR		1.61	NR		6.18	NR		6.92
Barium	140000	10	47.5	NR		225	NR	J	55.4	NR		56.5	NR		14.6	NR		30.5	NR		12.3	NR		40.2	NR		74.6
Beryllium	2	0.04	0.555	NR	J	0.215	NR	J	0.454	NR	J	0.308	NR	J	0.105	NR	J	0.201	NR	J	0.137	NR	J	0.318	NR	J	0.529
Cadmium	1000	0.05	4.68	NR		4.9	NR		5.29	NR		<	1.05	U	<	1.14	U	0.457	NR	J	0.34	NR	J	0.803	NR	J	<
Calcium	NC	NC	1280	NR		5660	NR	J	4830	NR		1540	NR		890	NR		1590	NR		1460	NR		7290	NR		1390
Chromium	51000	0.5	67.9	NR		288	NR	J	32.5	NR		20.3	NR		11.7	NR		8.52	NR		12.8	NR		47.6	NR		13.8
Cobalt	NC	NC	8.25	NR		30.3	NR	J	8.04	NR		5.23	NR		2.35	NR		3.48	NR		1.67	NR		5.97	NR		7.21
Copper	76000	13	67.1	NR		70.1	NR		36.6	NR		18.4	NR		8.21	NR		11.9	NR		9.58	NR		32.1	NR		30.4
Iron	NC	NC	14200	NR		18900	NR		15100	NR		10100	NR		4910	NR		7230	NR		4250	NR		11000	NR		12100
Lead	1000	0.15	87.3	NR		7870	NR		745	NR		11.9	NR		2.75	NR		7.29	NR		53.3	NR		29.1	NR		105
Magnesium	NC	NC	3490	NR		5550	NR	J	3640	NR		3220	NR		1110	NR		1720	NR		1100	NR		3020	NR		2220
Manganese	NC	NC	166	NR		255	NR	J	210	NR		158	NR		54	NR		105	NR		40.8	NR		158	NR		117
Mercury	610	0.02	<	0.122	U	0.907	NR		0.184	NR		<	0.105	U	<	0.114	U	<	0.107	U	<	0.118	U	0.0799	NR	J	0.0469
Nickel	7500	1	19.8	NR		66.8	NR	J	34.9	NR		14.4	NR		5.94	NR		10.1	NR		4.02	NR		11.8	NR		12
Potassium	NC	NC	884	NR		1360	NR		1030	NR		1960	NR		617	NR		811	NR		500	NR		1300	NR		689
Selenium	10000	0.5	<	1.22	U	<	1.14	U	<	1.18	U	<	1.05	U	<	1.14	U	<	1.07	U	<	1.18	U	<	1.08	U	1.51
Silver	10000	0.36	<	2.45	U	2.28	NR		<	2.36	U	<	2.1	U	<	2.28	U	<	2.14	U	<	2.37	U	<	2.16	U	<
Sodium	NC	NC	135	NR		1310	NR		260	NR		59.7	NR		171	NR		127	NR		151	NR		304	NR		149
Thallium	160	0.05	<	1.22	U	<	1.14	U	<	1.18	U	<	1.05	U	<	1.14	U	<	1.07	U	<	1.18	U	<	1.08	U	<
Vanadium	14000	0.5	29.9	NR		56.1	NR		24.5	NR		17.6	NR		6.58	NR		10.3	NR		6.82	NR		15.3	NR		22.3
Zinc	610000	50	143	NR		207	NR	J	71.2	NR		57.6	NR		13.1	NR		20.5	NR		29.2	NR		166	NR		50.3
METALS BY GRAPHITE FURNACE																											
Antimony	8200	0.06	<	1.88	U	<	1.37	U	<	1.42	U	<	1.26	U	<	1.37	U	<	1.28	U	3.44	0.01		<	1.29	U	<
OTHER PARAMETERS																											
Cation Excange Capacity	NC	NC	--			--			--			--			--			2.14	NR		--			5.48	NR		--
Cyanide	41000	2	<	0.61	U	2	0.00011		<	0.59	U	<	0.52	U	<	0.57	U	<	0.53	U	<	0.59	U	<	0.54	U	<
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			0.212	0.00011		--			1	0.00011		--

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B3-1C		SB09B4-1A			SB09B4-1A			SB09B4-1B			SB09B4-1B			SB09B6-1A			SB09B6-1C			SB09B7-1A		
Collect Date	ICC	PMC	12/29/98		12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/8/98		
Sample Interval			2'9" - 4'9"		0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg		mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																									
1,1,1-Trichloroethane	1000	40	0.005	UJ	<	0.860	U	--			<	4.100	U	--			0.012	0.005		0.010	0.005		<	0.025	U
1,1,2,2-Tetrachloroethane	220	0.1	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
1,1,2-Trichloroethane	100	1	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
1,1-Dichloroethane	1000	14	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	0.002	0.005	J	<	0.025	U
1,1-Dichloroethylene	9.5	1.4	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
1,2-Dichloroethane	63	0.2	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
1,2-Dichloropropane	84	1	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
2-Butanone	1000	80	0.014	UJ	<	0.860	U	--			<	4.100	U	--			<	0.010	UJ	0.003	0.005	J	<	0.050	UJ
2-Hexanone	NC	NC	0.014	UJ	<	0.860	U	--			<	4.100	U	--			0.003	0.005	J	<	0.010	U	<	0.050	U
Acetone	1000	140	0.016	UJ	<	0.860	U	--			<	4.100	U	--			0.025	0.005	J	<	0.015	U	<	0.050	U
Benzene	200	0.2	0.005	J	<	0.860	U	--			<	4.100	U	--			0.001	0.005	J	0.001	0.005	J	<	0.025	U
Bromodichloromethane	NC	NC	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	UJ	<	0.005	UJ	<	0.025	UJ
Bromoform	720	0.8	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
Bromomethane	NC	NC	0.014	UJ	<	0.860	U	--			<	4.100	U	--			<	0.010	U	<	0.010	U	<	0.050	U
Carbon disulfide	NC	NC	0.005	J	<	0.860	U	--			<	4.100	U	--			<	0.005	U	0.001	0.005	J	<	0.025	U
Carbon tetrachloride	44	1	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	UJ	<	0.025	U
Chlorobenzene	1000	20	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
Chloroethane	NC	NC	0.014	UJ	<	0.860	U	--			<	4.100	U	--			<	0.010	U	<	0.010	U	<	0.050	U
Chloroform	940	1.2	0.005	J	0.032	0.860	J	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
Chloromethane	NC	NC	0.014	UJ	<	0.860	U	--			<	4.100	U	--			<	0.010	U	<	0.010	U	<	0.050	U
cis-1,2-Dichloroethylene	100	14	0.005	J	0.300	0.860	J	--			0.170	4.100	J	--			0.005	0.005		0.005	0.005		<	0.025	U
cis-1,3-Dichloropropene	NC	NC	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
Dibromochloromethane	68	0.1	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
Ethylbenzene	1000	10.1	0.005	UJ	1.000	0.860		--			0.280	4.100	J	--			<	0.005	U	<	0.005	U	<	0.025	U
Methyl isobutyl ketone	1000	14	0.014	UJ	<	0.860	U	--			<	4.100	U	--			<	0.010	U	0.005	0.005	J	0.018	0.000	J
Methylene chloride	760	1	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
Styrene	1000	20	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
Tetrachloroethylene	110	1	0.005	UJ	0.300	0.860	J	--			0.120	4.100	J	--			0.001	0.005	J	0.001	0.005	J	<	0.025	U
Toluene	1000	67	0.005	UJ	2.700	0.860		--			<	4.100	U	--			0.002	0.005	J	0.003	0.005	J	<	0.025	U
trans-1,2-Dichloroethylene	1000	20	0.005	J	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
trans-1,3-Dichloropropene	NC	NC	0.005	UJ	<	0.860	U	--			<	4.100	U	--			<	0.005	U	<	0.005	U	<	0.025	U
Trichloroethylene	520	1	0.005	UJ	1.400	0.860		--			0.230	4.100	J	--			0.088	0.005		0.056	0.005		<	0.025	U
Vinyl acetate	NC	NC	0.014	UJ	<	0.860	U	--			<	4.100	U	--			<	0.010	U	<	0.010	U	<	0.050	U
Vinyl chloride	3	0.4	0.014	UJ	<	0.860	U	--			<	4.100	U	--			<	0.010	U	<	0.010	U	<	0.050	U
Xylenes, Total	1000	19.5	0.005	UJ	3.600	0.860		--			2.100	4.100	J	--			0.000	0.005	J	<	0.005	U	0.001	0.000	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B3-1C		SB09B4-1A			SB09B4-1A			SB09B4-1B			SB09B4-1B			SB09B6-1A			SB09B6-1C			SB09B7-1A		
Collect Date	ICC	PMC	12/29/98		12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/8/98		
Sample Interval			2'9" - 4'9"		0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg		mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																									
1,2,4-Trichlorobenzene	NC	NC	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
1,2-Dichlorobenzene	NC	NC	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
1,3-Dichlorobenzene	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
1,4-Dichlorobenzene	NC	NC	0.00000011	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
2,4,5-Trichlorophenol	NC	NC	2	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
2,4,6-Trichlorophenol	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
2,4-Dichlorophenol	2500	4	0.4	U	<	9.68	U	--			<	10	U	--			<	9.61	U	<	9.74	U	<	9.39	U
2,4-Dimethylphenol	NC	NC	0.4	U	<	9.68	U	--			<	10	U	--			<	9.61	U	<	9.74	U	<	9.39	U
2,4-Dinitrophenol	NC	NC	2	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
2,4-Dinitrotoluene	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
2,6-Dinitrotoluene	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
2-Chloronaphthalene	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
2-Chlorophenol	2500	7.2	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
2-Methylnaphthalene	NC	NC	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
2-Methylphenol	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
2-Nitroaniline	NC	NC	2	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
2-Nitrophenol	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
3,3'-Dichlorobenzidine	NC	NC	0.8	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
3-Nitroaniline	NC	NC	2	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
4,6-Dinitro-2-methylphenol	NC	NC	2	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
4-Bromophenylphenyl ether	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
4-Chloro-3-methylphenol	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
4-Chloroaniline	NC	NC	0.4	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
4-Chlorophenylphenyl ether	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
4-Methylphenol	NC	NC	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
4-Nitroaniline	NC	NC	2	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
4-Nitrophenol	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Acenaphthene	NC	NC	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Acenaphthylene	2500	84	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Anthracene	2500	400	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Benzo(b)fluoranthene	7.8	1	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Benzo(g,h,I)fluoranthene	NC	NC	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Benzo(a)anthracene	7.8	1	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Benzo(a)pyrene	1	1	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Benzo(k)fluoranthene	78	1	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Benzoic acid	NC	NC	0.4	U	--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	0.4	U	--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Bis(2-chloroethyl) ether	5.2	2.4	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Bis(2-chloroisopropyl) ether	82	2.4	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Bis(2-ethylhexyl) phthalate	410	11	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Butylbenzyl phthalate	2500	200	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Carbazole	NC	NC	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B3-1C		SB09B4-1A			SB09B4-1A			SB09B4-1B			SB09B4-1B			SB09B6-1A			SB09B6-1C			SB09B7-1A		
Collect Date	ICC	PMC	12/29/98		12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/8/98		
Sample Interval			2'9" - 4'9"		0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg		mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Di-n-butyl phthalate	2500	140	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Di-n-octyl phthalate	2500	20	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Dibenz(a,h)anthracene	NC	NC	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Dibenzofuran	NC	NC	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Diethyl phthalate	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Dimethyl phthalate	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Fluoranthene	2500	56	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Fluorene	2500	56	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Hexachlorobenzene	3.6	1	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Hexachlorobutadiene	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Hexachlorocyclopentadiene	NC	NC	0.4	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
Hexachloroethane	410	1	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Indeno(1,2,3-C,D)pyrene	NC	NC	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Isophorone	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
N-Nitrosodi-n-propylamine	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
N-Nitrosodiphenylamine	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Napthalene	2500	56	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Nitrobenzene	NC	NC	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Pentachlorophenol	48	1	2	U	<	26.8	U	--			<	27.8	U	--			<	26.6	U	<	26.9	U	<	26	U
Phenanthrene	2500	40	0.4	J	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Phenol	2500	800	0.4	U	<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
Pyrene	2500	40	0.4		<	10.6	U	--			<	11	U	--			<	10.6	U	<	10.7	U	<	10.3	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																									
PCB 1016	NC	NC			<	0.043	U	--			--			--			<	0.0427	U	--			<	0.0418	U
PCB 1221	NC	NC			<	0.086	U	--			--			--			<	0.0854	U	--			<	0.0835	U
PCB 1232	NC	NC			<	0.043	U	--			--			--			<	0.0427	U	--			<	0.0418	U
PCB 1242	NC	NC			<	0.086	U	--			--			--			<	0.0854	U	--			<	0.0835	U
PCB 1248	NC	NC			<	0.086	U	--			--			--			<	0.0854	U	--			<	0.0835	U
PCB 1254	NC	NC			0.048	NR		--			--			--			<	0.0427	U	--			<	0.0418	U
PCB 1260	NC	NC			0.05	NR		--			--			--			0.084	NR		--			0.025	NR	
TOTAL PETROLEUM HYDROCARBONS																									
Total Petroleum Hydrocarbons (TPH)	2500	2500			8500	NR		--			--			--			128	NR		--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B3-1C		SB09B4-1A			SB09B4-1A			SB09B4-1B			SB09B4-1B			SB09B6-1A			SB09B6-1C			SB09B7-1A		
Collect Date	ICC	PMC	12/29/98		12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			12/8/98		
Sample Interval			2'9" - 4'9"		0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg		mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																									
Aluminum	NC	NC	NR		6780	NR		--			8730	NR		--			5550	NR		4230	NR		9410	NR	
Antimony	8200	0.06	12.3	U	<	10.8	U	--			35.3	0.01		--			<	10.7	U	<	10.8	U	<	10.4	U
Arsenic	10	0.5	NR		19.7	NR		<	0.5	U	6.53	NR		--			4.64	NR		4.09	NR		3.82	NR	
Barium	140000	10	NR		75.8	NR		--			198	NR		--			28.7	NR		16.5	NR		56.5	NR	
Beryllium	2	0.04	NR	J	0.339	NR	J	--			3.19	NR		<	0.04	U	0.282	NR	J	0.21	NR	J	0.569	NR	J
Cadmium	1000	0.05	1.23	U	3.92	NR		--			30.4	NR		--			0.49	NR	J	<	1.08	U	<	1.04	U
Calcium	NC	NC	NR		2420	NR		--			4340	NR		--			2120	NR		1170	NR		9750	NR	
Chromium	51000	0.5	NR		61.8	NR		--			252	NR		--			27.4	NR		19	NR		15.3	NR	
Cobalt	NC	NC	NR		5.4	NR		--			6.63	NR		--			4.01	NR		4.01	NR		6.04	NR	
Copper	76000	13	NR		341	NR		--			238	NR		--			18.5	NR		15.6	NR		21.6	NR	
Iron	NC	NC	NR		11500	NR		--			22000	NR		--			9640	NR		7650	NR		11500	NR	
Lead	1000	0.15	NR		72.2	NR		--			527	NR		--			14.8	NR		7.09	NR		7.93	NR	
Magnesium	NC	NC	NR		2160	NR		--			2520	NR		--			2050	NR	J	1850	NR		5740	NR	
Manganese	NC	NC	NR		253	NR		--			587	NR		--			309	NR		151	NR		284	NR	
Mercury	610	0.02	NR	J	0.358	NR	J	--			<	0.111	U	--			0.0503	NR	J	<	0.108	U	<	0.104	U
Nickel	7500	1	NR		11.9	NR		--			55.9	NR		--			10.2	NR		9.22	NR		32.3	NR	
Potassium	NC	NC	NR		752	NR		--			871	NR		--			635	NR		770	NR		1560	NR	
Selenium	10000	0.5	NR		<	1.08	U	--			<	1.11	U	--			<	1.07	U	<	1.08	U	<	1.04	U
Silver	10000	0.36	2.47	U	<	2.15	U	--			1.63	NR	J	--			<	2.13	U	<	2.16	U	<	2.09	U
Sodium	NC	NC	NR		122	NR		--			108	NR		--			60.7	NR		58.7	NR	J	226	NR	
Thallium	160	0.05	1.23	U	<	1.08	U	--			<	1.11	U	--			<	1.07	U	<	1.08	U	<	1.04	U
Vanadium	14000	0.5	NR		13.8	NR		--			41.2	NR		--			23.4	NR		15.8	NR		24.3	NR	
Zinc	610000	50	NR		533	NR		--			290	NR		--			34.3	NR		26.5	NR		37.9	NR	
METALS BY GRAPHITE FURNACE																									
Antimony	8200	0.06	1.48	U	4.52	0.01		--			35.2	0.01		--			<	1.28	U	<	1.3	U	1.65	0.01	
OTHER PARAMETERS																									
Cation Excange Capacity	NC	NC			2	NR		--			--			--			1	NR		--			--		
Cyanide	41000	2	0.62	U	<	0.54	U				<	0.56	U				<	0.53	U	<	0.54	U	<	0.52	U
Total Organic Carbon (TOC)	NC	NC			11000	0.00011		--			--			--			2970	0.00011		--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B7-1B			SB09B7-1C			SB09B8-1A			SB09B8-1B			SB09B9-1A			SB09B9-1B			SB09B10-1A			SB09B10-1B		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/7/98			12/7/98			12/29/98			12/29/98			12/7/98			12/7/98		
Sample Interval			2'6" - 4'6"			4'6" - 6'6"			0'3" - 2'3"			2'3" - 4'3"			1.5' - 3.5'			3.5' - 5.5'			2' - 4'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	--			0.002	0.005	J	2.200	7.400	J	1.300	2.700	J	0.001	0.005	J	<	0.005	U	0.001	0.005	J	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	1	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	14	--			<	0.005	U	0.440	7.400	J	<	2.700	U	0.001	0.005	J	<	0.005	U	<	0.005	U	0.002	0.005	J
1,1-Dichloroethylene	9.5	1.4	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	0.2	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,2-Dichloropropane	84	1	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
2-Butanone	1000	80	--			<	0.011	U	<	7.400	U	<	2.700	U	<	0.012	UJ	<	0.011	U	<	0.010	UJ	<	0.010	UJ
2-Hexanone	NC	NC	--			<	0.011	U	<	7.400	U	<	2.700	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.010	U
Acetone	1000	140	--			<	0.011	U	<	8.900	U	<	2.700	U	<	0.035	U	<	0.023	U	0.012	0.005		<	0.022	U
Benzene	200	0.2	--			<	0.005	U	<	7.400	U	<	2.700	U	0.001	0.005	J	<	0.005	U	<	0.005	U	0.001	0.005	J
Bromodichloromethane	NC	NC	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.005	UJ
Bromoform	720	0.8	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Bromomethane	NC	NC	--			<	0.011	U	<	7.400	U	<	2.700	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.010	U
Carbon disulfide	NC	NC	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Carbon tetrachloride	44	1	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	UJ	<	0.005	U	<	0.005	U	<	0.005	U
Chlorobenzene	1000	20	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Chloroethane	NC	NC	--			<	0.011	U	<	7.400	U	<	2.700	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.010	U
Chloroform	940	1.2	--			<	0.005	U	<	7.400	U	<	2.700	U	0.005	0.005		0.002	0.005	J	0.002	0.005	J	0.002	0.005	J
Chloromethane	NC	NC	--			<	0.011	U	<	7.400	U	<	2.700	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	--			<	0.005	U	13.000	7.400		3.700	2.700		0.002	0.005	J	<	0.005	U	<	0.005	U	0.001	0.005	J
cis-1,3-Dichloropropene	NC	NC	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Dibromochloromethane	68	0.1	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	UJ	<	0.005	U	<	0.005	U	<	0.005	U
Ethylbenzene	1000	10.1	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	0.001	0.005	J
Methyl isobutyl ketone	1000	14	--			<	0.011	U	<	7.400	U	<	2.700	U	0.003	0.005	J	<	0.011	U	<	0.010	U	<	0.010	U
Methylene chloride	760	1	--			<	0.005	U	<	7.400	UJ	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Styrene	1000	20	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Tetrachloroethylene	110	1	--			<	0.005	U	<	7.400	U	0.140	2.700	J	0.005	0.005		0.000	0.005	J	<	0.005	U	0.000	0.005	J
Toluene	1000	67	--			<	0.005	U	<	7.400	U	<	2.700	U	0.001	0.005	J	<	0.005	U	0.001	0.005	J	0.001	0.005	J
trans-1,2-Dichloroethylene	1000	20	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	--			<	0.005	U	<	7.400	U	<	2.700	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Trichloroethylene	520	1	--			<	0.005	U	95.000	7.400		29.000	2.700		0.021	0.005		0.002	0.005	J	0.001	0.005	J	0.001	0.005	J
Vinyl acetate	NC	NC	--			<	0.011	U	<	7.400	U	<	2.700	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.010	U
Vinyl chloride	3	0.4	--			<	0.011	U	<	7.400	U	<	2.700	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.010	U
Xylenes, Total	1000	19.5	--			<	0.005	U	<	7.400	U	<	2.700	U	0.001	0.005	J	<	0.005	U	0.000	0.005	J	0.003	0.005	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B7-1B			SB09B7-1C			SB09B8-1A			SB09B8-1B			SB09B9-1A			SB09B9-1B			SB09B10-1A			SB09B10-1B		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/7/98			12/7/98			12/29/98			12/29/98			12/7/98			12/7/98		
Sample Interval			2'6" - 4'6"			4'6" - 6'6"			0'3" - 2'3"			2'3" - 4'3"			1.5' - 3.5'			3.5' - 5.5'			2' - 4'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
1,2-Dichlorobenzene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
1,3-Dichlorobenzene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
1,4-Dichlorobenzene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
2,4,5-Trichlorophenol	NC	NC	--			<	28.5	U	<	27.4	U	<	27.8	U	<	1.8	U	<	1.7	U	<	26.7	U	<	28.5	U
2,4,6-Trichlorophenol	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
2,4-Dichlorophenol	2500	4	--			<	10.3	U	<	9.89	U	<	10.1	U	<	0.38	U	<	0.36	U	<	9.66	U	<	10.3	U
2,4-Dimethylphenol	NC	NC	--			<	10.3	U	<	9.89	U	<	10.1	U	<	0.38	U	<	0.36	U	<	9.66	U	<	10.3	U
2,4-Dinitrophenol	NC	NC	--			<	28.5	U	<	27.4	U	<	27.8	U	<	1.8	U	<	1.7	U	<	26.7	U	<	28.5	U
2,4-Dinitrotoluene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
2,6-Dinitrotoluene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
2-Chloronaphthalene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
2-Chlorophenol	2500	7.2	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
2-Methylnaphthalene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	0.019	0.38	J	0.025	0.36	J	<	10.6	U	<	11.3	U
2-Methylphenol	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
2-Nitroaniline	NC	NC	--			<	28.5	U	<	27.4	U	<	27.8	U	<	1.8	U	<	1.7	U	<	26.7	U	<	28.5	U
2-Nitrophenol	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
3,3'-Dichlorobenzidine	NC	NC	--			<	28.5	U	<	27.4	U	<	27.8	U	<	0.76	U	<	0.72	U	<	26.7	U	<	28.5	U
3-Nitroaniline	NC	NC	--			<	28.5	U	<	27.4	U	<	27.8	U	<	1.8	U	<	1.7	U	<	26.7	U	<	28.5	U
4,6-Dinitro-2-methylphenol	NC	NC	--			<	28.5	U	<	27.4	U	<	27.8	U	<	1.8	U	<	1.7	U	<	26.7	U	<	28.5	U
4-Bromophenylphenyl ether	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
4-Chloro-3-methylphenol	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
4-Chloroaniline	NC	NC	--			<	28.5	U	<	27.4	U	<	27.8	U	<	0.38	U	<	0.36	U	<	26.7	U	<	28.5	U
4-Chlorophenylphenyl ether	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
4-Methylphenol	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
4-Nitroaniline	NC	NC	--			<	28.5	U	<	27.4	U	<	27.8	U	<	1.8	U	<	1.7	U	<	26.7	U	<	28.5	U
4-Nitrophenol	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Acenaphthene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	0.032	0.38	J	<	0.36	U	<	10.6	U	<	11.3	U
Acenaphthylene	2500	84	--			<	11.3	U	<	10.9	U	<	11.1	U	0.086	0.38	J	0.12	0.36	J	<	10.6	U	<	11.3	U
Anthracene	2500	400	--			<	11.3	U	<	10.9	U	<	11.1	U	0.14	0.38	J	0.12	0.36	J	<	10.6	U	<	11.3	U
Benzo(b)fluoranthene	7.8	1	--			<	11.3	U	<	10.9	U	<	11.1	U	0.18	0.38	J	0.24	0.36	J	<	10.6	U	<	11.3	U
Benzo(g,h,I)fluoranthene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	0.24	0.38	J	0.058	0.36	J	<	10.6	U	<	11.3	U
Benzo(a)anthracene	7.8	1	--			<	11.3	U	<	10.9	U	<	11.1	U	0.2	0.38	J	0.16	0.36	J	<	10.6	U	<	11.3	U
Benzo(a)pyrene	1	1	--			<	11.3	U	<	10.9	U	<	11.1	U	0.22	0.38	J	0.24	0.36	J	<	10.6	U	<	11.3	U
Benzo(k)fluoranthene	78	1	--			<	11.3	U	<	10.9	U	<	11.1	U	0.16	0.38	J	0.17	0.36	J	<	10.6	U	<	11.3	U
Benzoic acid	NC	NC	--			--			--			--			<	0.38	U	<	0.36	U	--			--		
Benzyl alcohol	NC	NC	--			--			--			--			<	0.38	U	<	0.36	U	--			--		
Bis(2-chloroethoxy) methane	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Bis(2-chloroethyl) ether	5.2	2.4	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Bis(2-chloroisopropyl) ether	82	2.4	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Bis(2-ethylhexyl) phthalate	410	11	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Butylbenzyl phthalate	2500	200	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Carbazole	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	0.044	0.38	J	<	0.36	U	<	10.6	U	<	11.3	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B7-1B			SB09B7-1C			SB09B8-1A			SB09B8-1B			SB09B9-1A			SB09B9-1B			SB09B10-1A			SB09B10-1B		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/7/98			12/7/98			12/29/98			12/29/98			12/7/98			12/7/98		
Sample Interval			2'6" - 4'6"			4'6" - 6'6"			0'3" - 2'3"			2'3" - 4'3"			1.5' - 3.5'			3.5' - 5.5'			2' - 4'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	0.29	0.38	J	0.23	0.36	J	<	10.6	U	<	11.3	U
Di-n-butyl phthalate	2500	140	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	0.36	0.36		<	10.6	U	<	11.3	U
Di-n-octyl phthalate	2500	20	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Dibenz(a,h)anthracene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	0.055	0.38	J	0.025	0.36	J	<	10.6	U	<	11.3	U
Dibenzofuran	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	0.018	0.38	J	<	0.36	U	<	10.6	U	<	11.3	U
Diethyl phthalate	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Dimethyl phthalate	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Fluoranthene	2500	56	--			<	11.3	U	<	10.9	U	<	11.1	U	0.4	0.38		0.27	0.36	J	<	10.6	U	<	11.3	U
Fluorene	2500	56	--			<	11.3	U	<	10.9	U	<	11.1	U	0.034	0.38	J	<	0.36	U	<	10.6	U	<	11.3	U
Hexachlorobenzene	3.6	1	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Hexachlorobutadiene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Hexachlorocyclopentadiene	NC	NC	--			<	28.5	U	<	27.4	U	<	27.8	U	<	0.38	U	<	0.36	U	<	26.7	U	<	28.5	U
Hexachloroethane	410	1	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Indeno(1,2,3-C,D)pyrene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	0.13	0.38	J	0.054	0.36	J	<	10.6	U	<	11.3	U
Isophorone	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
N-Nitrosodi-n-propylamine	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
N-Nitrosodiphenylamine	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Napthalene	2500	56	--			<	11.3	U	<	10.9	U	<	11.1	U	0.014	0.38	J	0.059	0.36	J	<	10.6	U	<	11.3	U
Nitrobenzene	NC	NC	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Pentachlorophenol	48	1	--			<	28.5	U	<	27.4	U	<	27.8	U	<	1.8	U	<	1.7	U	<	26.7	U	<	28.5	U
Phenanthrene	2500	40	--			<	11.3	U	<	10.9	U	<	11.1	U	0.4	0.38		0.13	0.36	J	<	10.6	U	<	11.3	U
Phenol	2500	800	--			<	11.3	U	<	10.9	U	<	11.1	U	<	0.38	U	<	0.36	U	<	10.6	U	<	11.3	U
Pyrene	2500	40	--			<	11.3	U	<	10.9	U	<	11.1	U	0.54	0.38		0.22	0.36	J	<	10.6	U	<	11.3	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			--			<	0.044	U	--			<	0.0445	U	--			<	0.0429	U	--		
PCB 1221	NC	NC	--			--			<	0.0879	U	--			<	0.0891	U	--			<	0.0858	U	--		
PCB 1232	NC	NC	--			--			<	0.044	U	--			<	0.0445	U	--			<	0.0429	U	--		
PCB 1242	NC	NC	--			--			<	0.0879	U	--			<	0.0891	U	--			<	0.0858	U	--		
PCB 1248	NC	NC	--			--			<	0.0879	U	--			<	0.0891	U	--			<	0.0858	U	--		
PCB 1254	NC	NC	--			--			<	0.044	U	--			<	0.0445	U	--			<	0.0429	U	--		
PCB 1260	NC	NC	--			--			<	0.044	U	--			<	0.0445	U	--			<	0.0429	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500				--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B7-1B			SB09B7-1C			SB09B8-1A			SB09B8-1B			SB09B9-1A			SB09B9-1B			SB09B10-1A			SB09B10-1B		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/7/98			12/7/98			12/29/98			12/29/98			12/7/98			12/7/98		
Sample Interval			2'6" - 4'6"			4'6" - 6'6"			0'3" - 2'3"			2'3" - 4'3"			1.5' - 3.5'			3.5' - 5.5'			2' - 4'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	--			5480	NR		8090	NR		3630	NR		8630	NR		4770	NR		5290	NR		6820	NR	
Antimony	8200	0.06	--			<	11.5	U	<	11	U	4.5	0.01	J	<	11.1	U	<	11.2	U	<	10.7	U	<	11.5	U
Arsenic	10	0.5	--			4.13	NR		7.24	NR		2.53	NR		3.55	NR		2.26	NR		2.77	NR		2.68	NR	
Barium	140000	10	--			18.2	NR		43.1	NR		22.6	NR		57.1	NR		63.6	NR		38.5	NR		29.8	NR	
Beryllium	2	0.04	--			0.255	NR	J	0.573	NR	J	0.248	NR	J	0.301	NR	J	0.21	NR	J	0.22	NR	J	0.281	NR	J
Cadmium	1000	0.05	--			<	1.15	U	0.344	NR	J	<	1.12	U	5.63	NR		0.19	NR	J	<	1.07	U	0.316	NR	J
Calcium	NC	NC	--			1190	NR		1290	NR		5030	NR		7350	NR		912	NR		634	NR		858	NR	
Chromium	51000	0.5	--			11.3	NR		25.2	NR		9.76	NR		48.4	NR		19.6	NR		55	NR		7.82	NR	
Cobalt	NC	NC	--			3.84	NR		7.22	NR		3.71	NR		5.68	NR		3.58	NR		3.75	NR		4.46	NR	
Copper	76000	13	--			16	NR		33.6	NR		13.9	NR		133	NR		13.6	NR		12.5	NR		14.9	NR	
Iron	NC	NC	--			8300	NR		13100	NR		6580	NR		12000	NR		7610	NR		8160	NR		10000	NR	
Lead	1000	0.15	--			7.03	NR		7.82	NR		6.15	NR		60.4	NR		15.7	NR		7.87	NR		13.6	NR	
Magnesium	NC	NC	--			2370	NR		4410	NR		1730	NR		2930	NR		2140	NR		1930	NR		2000	NR	
Manganese	NC	NC	--			230	NR		170	NR		108	NR		232	NR		126	NR		122	NR		166	NR	
Mercury	610	0.02	<	0.115	U	<	0.115	U	<	0.11	U	<	0.112	U	1.02	NR		0.0322	NR	J	<	0.107	U	0.0732	NR	J
Nickel	7500	1	--			14.9	NR		22.2	NR		7.97	NR		12.1	NR		10.3	NR		7.73	NR		19	NR	
Potassium	NC	NC	--			671	NR		2030	NR		751	NR		1150	NR		933	NR		710	NR		607	NR	
Selenium	10000	0.5	--			<	1.15	U	<	1.1	U	<	1.12	U	<	1.11	U	<	1.12	U	<	1.07	U	<	1.15	U
Silver	10000	0.36	--			<	2.29	U	<	2.2	U	<	2.23	U	<	2.23	U	<	2.25	U	<	2.15	U	<	2.29	U
Sodium	NC	NC	--			109	NR		125	NR		127	NR		660	NR		67.8	NR		61.1	NR		114	NR	
Thallium	160	0.05	--			<	1.15	U	<	1.1	U	<	1.12	U	<	1.11	U	<	1.12	U	<	1.07	U	<	1.15	U
Vanadium	14000	0.5	--			13.3	NR		23.9	NR		13.8	NR		16.4	NR		11.8	NR		10.5	NR		11.3	NR	
Zinc	610000	50	--			24.6	NR		35	NR		24.5	NR		219	NR		84.7	NR		20.1	NR		34.7	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	1.46	0.01		--			<	1.32	U	<	1.34	U	6.5	0.01		<	1.35	U	<	1.29	U	<	1.37	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--						--			--			--			--			--			--		
Cyanide	41000	2				<	0.57	U	<	0.55	U	<	0.56	U	<	0.56	U	<	0.56	U	<	0.54	U	<	0.57	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B11-1A			SB09B11-1C			SB09C1-1A			SB09C1-1B			SB09C2-1A			SB09C2-1A			SB09C2-1B			SB10A1-1A		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			11/18/98		
Sample Interval			0'8" - 2'8"			4'8" - 6'8"			1' - 3'			3' - 5'			0'10" - 2'10"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	0.200	0.880	J	--			<	4.400	U	<	0.005	UJ
1,1,2,2-Tetrachloroethane	220	0.1	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	0.210	0.880	J	--			<	4.400	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.004	U	<	3.600	U	2.500	7.300	J	3.300	5.800	J	0.083	0.880	J	--			<	4.400	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
2-Butanone	1000	80	<	0.009	UJ	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	UJ	--			<	4.400	U	<	0.010	U
2-Hexanone	NC	NC	<	0.009	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.010	U
Acetone	1000	140	<	0.020	U	<	3.600	U	<	7.300	U	<	5.800	U	<	1.500	U	--			<	4.400	U	0.034	0.005	J
Benzene	200	0.2	0.001	0.004	J	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			0.240	4.400	J	<	0.005	U
Bromodichloromethane	NC	NC	<	0.004	UJ	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	UJ
Bromoform	720	0.8	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
Bromomethane	NC	NC	<	0.009	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.010	U
Carbon disulfide	NC	NC	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
Carbon tetrachloride	44	1	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	UJ
Chlorobenzene	1000	20	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	6.000	0.880	J	--			19.000	4.400		<	0.005	U
Chloroethane	NC	NC	<	0.009	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.010	U
Chloroform	940	1.2	0.001	0.004	J	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
Chloromethane	NC	NC	<	0.009	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	0.001	0.005	J
cis-1,2-Dichloroethylene	100	14	0.002	0.004	J	<	3.600	U	3.900	7.300	J	20.000	5.800		0.170	0.880	J	--			1.200	4.400	J	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	UJ
Ethylbenzene	1000	10.1	<	0.004	U	<	3.600	U	<	7.300	U	9.700	5.800		0.860	0.880	J	--			11.000	4.400		<	0.005	U
Methyl isobutyl ketone	1000	14	<	0.009	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.010	U
Methylene chloride	760	1	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	UJ	<	0.880	UJ	--			<	4.400	U	<	0.005	UJ
Styrene	1000	20	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
Tetrachloroethylene	110	1	0.001	0.004	J	<	3.600	U	<	7.300	U	<	5.800	U	0.170	0.880	J	--			0.400	4.400	J	0.001	0.005	J
Toluene	1000	67	0.001	0.004	J	<	3.600	U	2.400	7.300	J	14.000	5.800		0.560	0.880	J	--			38.000	4.400		<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.004	U	<	3.600	U	0.930	7.300	J	1.800	5.800	J	0.085	0.880	J	--			<	4.400	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.004	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.005	U
Trichloroethylene	520	1	0.005	0.004		<	3.600	U	<	7.300	U	0.440	5.800	J	0.220	0.880	J	--			<	4.400	U	<	0.005	U
Vinyl acetate	NC	NC	<	0.009	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.009	U	<	3.600	U	<	7.300	U	<	5.800	U	<	0.880	U	--			<	4.400	U	<	0.010	U
Xylenes, Total	1000	19.5	0.001	0.004	J	<	3.600	U	<	7.300	U	60.000	5.800		4.300	0.880		--			64.000	4.400		<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B11-1A			SB09B11-1C			SB09C1-1A			SB09C1-1B			SB09C2-1A			SB09C2-1A			SB09C2-1B			SB10A1-1A		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			11/18/98		
Sample Interval			0'8" - 2'8"			4'8" - 6'8"			1' - 3'			3' - 5'			0'10" - 2'10"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
1,2-Dichlorobenzene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
1,3-Dichlorobenzene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
1,4-Dichlorobenzene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
2,4,5-Trichlorophenol	NC	NC	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
2,4,6-Trichlorophenol	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
2,4-Dichlorophenol	2500	4	<	10.3	U	<	12.2	U	<	10.2	U	<	10.7	U	<	9.97	U	--			<	10.4	U	<	0.334	U
2,4-Dimethylphenol	NC	NC	<	10.3	U	<	12.2	U	<	10.2	U	<	10.7	U	<	9.97	U	--			<	10.4	U	<	0.334	U
2,4-Dinitrophenol	NC	NC	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
2,4-Dinitrotoluene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
2,6-Dinitrotoluene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
2-Chloronaphthalene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
2-Chlorophenol	2500	7.2	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
2-Methylnaphthalene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
2-Methylphenol	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
2-Nitroaniline	NC	NC	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
2-Nitrophenol	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
3,3'-Dichlorobenzidine	NC	NC	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
3-Nitroaniline	NC	NC	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
4,6-Dinitro-2-methylphenol	NC	NC	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
4-Bromophenylphenyl ether	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
4-Chloro-3-methylphenol	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
4-Chloroaniline	NC	NC	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
4-Chlorophenylphenyl ether	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
4-Methylphenol	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
4-Nitroaniline	NC	NC	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
4-Nitrophenol	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Acenaphthene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Acenaphthylene	2500	84	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Anthracene	2500	400	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Benzo(b)fluoranthene	7.8	1	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Benzo(g,h,I)fluoranthene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Benzo(a)anthracene	7.8	1	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Benzo(a)pyrene	1	1	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Benzo(k)fluoranthene	78	1	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Bis(2-chloroethyl) ether	5.2	2.4	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Bis(2-chloroisopropyl) ether	82	2.4	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Bis(2-ethylhexyl) phthalate	410	11	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Butylbenzyl phthalate	2500	200	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Carbazole	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B11-1A			SB09B11-1C			SB09C1-1A			SB09C1-1B			SB09C2-1A			SB09C2-1A			SB09C2-1B			SB10A1-1A		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			11/18/98		
Sample Interval			0'8" - 2'8"			4'8" - 6'8"			1' - 3'			3' - 5'			0'10" - 2'10"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Di-n-butyl phthalate	2500	140	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Di-n-octyl phthalate	2500	20	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Dibenz(a,h)anthracene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Dibenzofuran	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Diethyl phthalate	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Dimethyl phthalate	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Fluoranthene	2500	56	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Fluorene	2500	56	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Hexachlorobenzene	3.6	1	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Hexachlorobutadiene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Hexachlorocyclopentadiene	NC	NC	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
Hexachloroethane	410	1	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Isophorone	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
N-Nitrosodi-n-propylamine	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
N-Nitrosodiphenylamine	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Napthalene	2500	56	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Nitrobenzene	NC	NC	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Pentachlorophenol	48	1	<	28.5	U	<	33.8	U	<	28.2	U	<	29.5	U	<	27.6	U	--			<	28.7	U	<	0.934	U
Phenanthrene	2500	40	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Phenol	2500	800	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
Pyrene	2500	40	<	11.3	U	<	13.4	U	<	11.2	U	<	11.7	U	<	11	U	--			<	11.4	U	<	0.368	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0457	U	--			<	0.0453	U	--			<	4.43	UUJ	<	0.02	U	--			<	0.0446	U
PCB 1221	NC	NC	<	0.0914	U	--			<	0.0906	UUJ	--			<	8.86	UUJ	<	0.02	U	--			<	0.09	U
PCB 1232	NC	NC	<	0.0457	U	--			<	0.0453	UUJ	--			<	4.43	UUJ	<	0.01	U	--			<	0.045	U
PCB 1242	NC	NC	<	0.0914	U	--			<	0.0906	U	--			<	8.86	UUJ	<	0.01	U	--			<	0.0892	U
PCB 1248	NC	NC	<	0.0914	U	--			<	0.0906	UUJ	--			<	8.86	UUJ	<	0.01	U	--			<	0.0892	U
PCB 1254	NC	NC	<	0.0457	U	--			0.06	NR	J	--			10.7	NR	J	<	0.01	U	--			<	0.045	U
PCB 1260	NC	NC	0.039	NR		--			0.061	NR	J	--			13.7	NR	J	<	0.01	U	--			<	0.0446	U
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			5420	NR		--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB09B11-1A			SB09B11-1C			SB09C1-1A			SB09C1-1B			SB09C2-1A			SB09C2-1A			SB09C2-1B			SB10A1-1A		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/7/98			12/7/98			12/7/98			12/7/98			12/7/98			11/18/98		
Sample Interval			0'8" - 2'8"			4'8" - 6'8"			1' - 3'			3' - 5'			0'10" - 2'10"			0'10" - 2'10"			2'10" - 4'10"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	8000	NR		4020	NR		2150	NR		2850	NR	J	11300	NR		--			5010	NR		5840	NR	
Antimony	8200	0.06	<	11.4	U	<	13.6	U	--			<	11.8	U	<	11.1	U	--			<	11.5	U	<	11.1	U
Arsenic	10	0.5	3.76	NR		2	NR		3.25	NR		1.27	NR		8.27	NR		--			4.22	NR		1.73	NR	
Barium	140000	10	81.7	NR		13.5	NR		51.2	NR		20.3	NR		54.3	NR		--			32.4	NR		10.6	NR	
Beryllium	2	0.04	0.326	NR	J	0.156	NR	J	0.627	NR	J	0.165	NR	J	0.438	NR	J	--			0.315	NR	J	0.37	NR	J
Cadmium	1000	0.05	5.42	NR		0.265	NR	J	0.625	NR	J	0.644	NR	J	3.57	NR		--			2.34	NR		0.0992	NR	J
Calcium	NC	NC	6830	NR		1210	NR		1830	NR		573	NR		4430	NR		--			4580	NR		336	NR	
Chromium	51000	0.5	14.1	NR		6.6	NR		7.71	NR		7.58	NR		105	NR		--			87.4	NR		<	1.11	U
Cobalt	NC	NC	4.16	NR		3.01	NR		4.54	NR		2.82	NR		11.7	NR		--			4.75	NR		3.41	NR	
Copper	76000	13	58.4	NR		5.32	NR		25	NR		13.1	NR		48.8	NR		--			48.5	NR		6.59	NR	
Iron	NC	NC	11500	NR		6240	NR		3910	NR		6200	NR		17300	NR		--			8500	NR		7990	NR	
Lead	1000	0.15	51.1	NR		3.07	NR		31.4	NR		7.07	NR		33.7	NR		--			202	NR		4.17	NR	
Magnesium	NC	NC	2670	NR		1540	NR		526	NR		1230	NR		5320	NR		--			2180	NR		1570	NR	
Manganese	NC	NC	211	NR		71.2	NR		35.7	NR		79.1	NR		234	NR		--			138	NR		121	NR	
Mercury	610	0.02	0.124	NR		<	0.136	U	0.038	NR	J	<	0.118	U	0.0773	NR	J	--			0.0788	NR	J	<	0.11	U
Nickel	7500	1	10.9	NR		4.97	NR		10.2	NR		6.11	NR		52.7	NR		--			15.5	NR		5.82	NR	
Potassium	NC	NC	691	NR		736	NR		497	NR	J	558	NR	J	1960	NR		--			745	NR		367	NR	
Selenium	10000	0.5	<	1.14	U	<	1.36	U	<	1.13	U	<	1.18	U	<	1.11	U	--			<	1.15	U	<	1.11	U
Silver	10000	0.36	<	2.29	U	<	2.71	U	<	2.27	U	<	2.37	U	7.12	NR		--			5.61	NR		<	2.23	U
Sodium	NC	NC	116	NR		137	NR		193	NR		67.4	NR	J	160	NR		--			97.5	NR	J	55.9	NR	
Thallium	160	0.05	<	1.14	U	<	1.36	U	<	1.13	U	<	1.18	U	<	1.11	U	--			<	1.15	U	<	1.11	U
Vanadium	14000	0.5	14.2	NR		8.85	NR		17.6	NR		8.66	NR		40.4	NR		--			15.4	NR		9.14	NR	
Zinc	610000	50	76.3	NR		14.6	NR		23.3	NR		35.2	NR		112	NR		--			50	NR		20.4	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	1.46	0.01		<	1.63	U	<	1.36	U	<	1.42	U	<	1.33	U	--			<	1.38	U	<	1.11	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			1	NR		--			--			--		
Cyanide	41000	2	<	0.57	U	<	0.68	U	<	0.57	U	<	0.59	U	1.29	0.00011		--			<	0.58	U	<	0.56	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			9850	0.00011		--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB10A1-1A			SB10A1-1B			SB10A1-1B			SB10A1-2A			SB10A1-2A			SB10A1-2B			SB10A1-2B			SB10A1-3A			SB10A1-3A			SE
Collect Date	ICC	PMC	11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			12/2/98			12/2/98			
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result
VOLATILE ORGANICS																														
1,1,1-Trichloroethane	1000	40	--			<	0.005	UJ	--			<	0.004	UJ	--			<	0.005	U	--			<	0.006	U	--			<
1,1,2,2-Tetrachloroethane	220	0.1	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
1,1,2-Trichloroethane	100	1	--			<	0.005	U	--			<	0.004	U	--			<	0.005	UJ	--			<	0.006	U	--			<
1,1-Dichloroethane	1000	14	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
1,1-Dichloroethylene	9.5	1.4	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
1,2-Dichloroethane	63	0.2	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
1,2-Dichloropropane	84	1	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
2-Butanone	1000	80	--			<	0.009	UJ	--			<	0.008	U	--			<	0.010	U	--			0.003	0.006	J	--			<
2-Hexanone	NC	NC	--			<	0.009	U	--			<	0.008	U	--			<	0.010	U	--			<	0.011	U	--			<
Acetone	1000	140	--			0.032	0.005	J	--			<	0.018	U	--			0.027	0.005	J	--			0.013	0.006	J	--			0.010
Benzene	200	0.2	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
Bromodichloromethane	NC	NC	--			<	0.005	UJ	--			<	0.004	UJ	--			<	0.005	UJ	--			<	0.006	UJ	--			<
Bromoform	720	0.8	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
Bromomethane	NC	NC	--			<	0.009	U	--			<	0.008	U	--			<	0.010	U	--			<	0.011	U	--			<
Carbon disulfide	NC	NC	--			<	0.005	UJ	--			<	0.004	UJ	--			<	0.005	UJ	--			<	0.006	U	--			<
Carbon tetrachloride	44	1	--			<	0.005	UJ	--			<	0.004	UJ	--			<	0.005	UJ	--			<	0.006	U	--			<
Chlorobenzene	1000	20	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
Chloroethane	NC	NC	--			<	0.009	U	--			<	0.008	U	--			<	0.010	U	--			<	0.011	U	--			<
Chloroform	940	1.2	--			<	0.005	UJ	--			<	0.004	UJ	--			<	0.005	UJ	--			0.002	0.006	J	--			0.001
Chloromethane	NC	NC	--			<	0.009	U	--			<	0.008	U	--			<	0.010	U	--			<	0.011	U	--			<
cis-1,2-Dichloroethylene	100	14	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
cis-1,3-Dichloropropene	NC	NC	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
Dibromochloromethane	68	0.1	--			<	0.005	UJ	--			<	0.004	UJ	--			<	0.005	UJ	--			<	0.006	U	--			<
Ethylbenzene	1000	10.1	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
Methyl isobutyl ketone	1000	14	--			<	0.009	U	--			<	0.008	U	--			<	0.010	U	--			<	0.011	U	--			0.002
Methylene chloride	760	1	--			<	0.005	UJ	--			<	0.004	UJ	--			<	0.005	UJ	--			<	0.006	U	--			0.003
Styrene	1000	20	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
Tetrachloroethylene	110	1	--			<	0.005	UJ	--			<	0.004	UJ	--			<	0.005	UJ	--			0.001	0.006	J	--			<
Toluene	1000	67	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
trans-1,2-Dichloroethylene	1000	20	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
trans-1,3-Dichloropropene	NC	NC	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
Trichloroethylene	520	1	--			<	0.005	U	--			<	0.004	U	--			<	0.005	U	--			<	0.006	U	--			<
Vinyl acetate	NC	NC	--			<	0.009	U	--			<	0.008	U	--			<	0.010	U	--			<	0.011	U	--			<
Vinyl chloride	3	0.4	--			<	0.009	U	--			<	0.008	U	--			<	0.010	U	--			<	0.011	U	--			<
Xylenes, Total	1000	19.5	--			<	0.005	U	--			<	0.004	U	--			0.001	0.005	J	--			<	0.006	U	--			<

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB10A1-1A			SB10A1-1B			SB10A1-1B			SB10A1-2A			SB10A1-2A			SB10A1-2B			SB10A1-2B			SB10A1-3A			SB10A1-3A			SE
Collect Date	ICC	PMC	11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			12/2/98			12/2/98			
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result
SEMIVOLATILE ORGANICS																														
1,2,4-Trichlorobenzene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
1,2-Dichlorobenzene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
1,3-Dichlorobenzene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
1,4-Dichlorobenzene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
2,4,5-Trichlorophenol	NC	NC	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
2,4,6-Trichlorophenol	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
2,4-Dichlorophenol	2500	4	--			<	0.343	U	--			<	0.341	U	--			<	0.352	U	--			<	0.322	U	--			<
2,4-Dimethylphenol	NC	NC	--			<	0.343	U	--			<	0.341	U	--			<	0.352	U	--			<	0.322	U	--			<
2,4-Dinitrophenol	NC	NC	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
2,4-Dinitrotoluene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
2,6-Dinitrotoluene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
2-Chloronaphthalene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
2-Chlorophenol	2500	7.2	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
2-Methylnaphthalene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
2-Methylphenol	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
2-Nitroaniline	NC	NC	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
2-Nitrophenol	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
3,3'-Dichlorobenzidine	NC	NC	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
3-Nitroaniline	NC	NC	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
4,6-Dinitro-2-methylphenol	NC	NC	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
4-Bromophenylphenyl ether	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
4-Chloro-3-methylphenol	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
4-Chloroaniline	NC	NC	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
4-Chlorophenylphenyl ether	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
4-Methylphenol	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
4-Nitroaniline	NC	NC	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
4-Nitrophenol	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Acenaphthene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Acenaphthylene	2500	84	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Anthracene	2500	400	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Benzo(b)fluoranthene	7.8	1	--			<	0.378	U	--			0.364	0.373		--			<	0.387	U	--			<	0.354	U	--			<
Benzo(g,h,I)fluoranthene	NC	NC	--			<	0.378	U	--			0.0857	0.373		--			<	0.387	U	--			<	0.354	U	--			<
Benzo(a)anthracene	7.8	1	--			<	0.378	U	--			0.258	0.373		--			<	0.387	U	--			<	0.354	U	--			<
Benzo(a)pyrene	1	1	--			<	0.378	U	--			0.227	0.373		--			<	0.387	U	--			<	0.354	U	--			<
Benzo(k)fluoranthene	78	1	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--			--			--
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--			--			--
Bis(2-chloroethoxy) methane	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Bis(2-chloroethyl) ether	5.2	2.4	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Bis(2-chloroisopropyl) ether	82	2.4	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Bis(2-ethylhexyl) phthalate	410	11	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Butylbenzyl phthalate	2500	200	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Carbazole	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB10A1-1A			SB10A1-1B			SB10A1-1B			SB10A1-2A			SB10A1-2A			SB10A1-2B			SB10A1-2B			SB10A1-3A			SB10A1-3A			SE
Collect Date	ICC	PMC	11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			12/2/98			12/2/98			
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result
Chrysene	NC	NC	--			<	0.378	U	--			0.196	0.373		--			<	0.387	U	--			<	0.354	U	--			<
Di-n-butyl phthalate	2500	140	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Di-n-octyl phthalate	2500	20	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Dibenz(a,h)anthracene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Dibenzofuran	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Diethyl phthalate	NC	NC	--			0.238	0.378		--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Dimethyl phthalate	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Fluoranthene	2500	56	--			<	0.378	U	--			0.335	0.373		--			<	0.387	U	--			<	0.354	U	--			<
Fluorene	2500	56	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Hexachlorobenzene	3.6	1	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Hexachlorobutadiene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Hexachlorocyclopentadiene	NC	NC	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
Hexachloroethane	410	1	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Indeno(1,2,3-C,D)pyrene	NC	NC	--			<	0.378	U	--			0.0858	0.373		--			<	0.387	U	--			<	0.354	U	--			<
Isophorone	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
N-Nitrosodi-n-propylamine	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
N-Nitrosodiphenylamine	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Napthalene	2500	56	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Nitrobenzene	NC	NC	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Pentachlorophenol	48	1	--			<	0.95	U	--			<	0.943	U	--			<	0.985	U	--			<	0.891	U	--			<
Phenanthrene	2500	40	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Phenol	2500	800	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
Pyrene	2500	40	--			<	0.378	U	--			<	0.373	U	--			<	0.387	U	--			<	0.354	U	--			<
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																														
PCB 1016	NC	NC	--			--			--			<	0.0452	U	--			--			--			<	0.044	U	--			--
PCB 1221	NC	NC	--			--			--			<	0.0909	U	--			--			--			<	0.088	U	--			--
PCB 1232	NC	NC	--			--			--			<	0.0452	U	--			--			--			<	0.0429	U	--			--
PCB 1242	NC	NC	--			--			--			<	0.0905	U	--			--			--			<	0.0858	U	--			--
PCB 1248	NC	NC	--			--			--			<	0.0909	U	--			--			--			<	0.0858	U	--			--
PCB 1254	NC	NC	--			--			--			<	0.0452	U	--			--			--			<	0.044	U	--			--
PCB 1260	NC	NC	--			--			--			<	0.0452	U	--			--			--			<	0.044	U	--			--
TOTAL PETROLEUM HYDROCARBONS																														
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--			--			--

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB10A1-1A			SB10A1-1B			SB10A1-1B			SB10A1-2A			SB10A1-2A			SB10A1-2B			SB10A1-2B			SB10A1-3A			SB10A1-3A			SE
Collect Date	ICC	PMC	11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			12/2/98			12/2/98			
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result
METALS (mg/kg)																														
Aluminum	NC	NC	--			8220	NR		--			9030	NR		--			9860	NR		--			9290	NR		--			5460
Antimony	8200	0.06	--			<	12.2	U	--			<	11.3	U	--			<	11.7	U	--			<	11	U	--			<
Arsenic	10	0.5	--			2.58	NR		--			5.73	NR		--			3.06	NR		--			5.16	NR		--			1.5
Barium	140000	10	--			20.4	NR		--			28.1	NR		--			20	NR		--			31.2	NR		--			9.56
Beryllium	2	0.04	--			0.369	NR	J	--			0.4	NR	J	--			0.381	NR	J	--			0.38	NR	J	--			0.29
Cadmium	1000	0.05	<	0.05	U	<	1.22	U	<	0.05	U	0.116	NR	J	<	0.05	U	<	1.17	U	<	0.05	U	<	1.1	U	<	0.05	U	0.178
Calcium	NC	NC	--			358	NR		--			809	NR		--			525	NR		--			871	NR		--			1010
Chromium	51000	0.5	--			9.44	NR		--			17.6	NR		--			14	NR		--			17.2	NR		--			5.73
Cobalt	NC	NC	--			5.41	NR		--			7.82	NR		--			4.23	NR		--			7.4	NR		--			2.61
Copper	76000	13	--			11.8	NR		--			21.5	NR		--			11.9	NR		--			22.2	NR		--			7.65
Iron	NC	NC	--			12900	NR		--			13200	NR		--			14300	NR		--			13800	NR		--			6480
Lead	1000	0.15	--			5.71	NR		--			16.7	NR		--			9.48	NR		--			8.98	NR		--			3.51
Magnesium	NC	NC	--			2510	NR		--			3760	NR		--			2190	NR		--			4390	NR		--			1170
Manganese	NC	NC	--			234	NR		--			219	NR		--			175	NR		--			269	NR		--			123
Mercury	610	0.02	--			<	0.12	U	--			<	0.11	U	--			<	0.12	U	--			<	0.11	U	--			<
Nickel	7500	1	--			8.69	NR		--			21.9	NR		--			10.7	NR		--			21.5	NR		--			5.42
Potassium	NC	NC	--			595	NR	J	--			1260	NR		--			671	NR		--			1430	NR		--			<
Selenium	10000	0.5	--			<	1.22	U	--			<	1.13	U	--			<	1.17	U	--			<	1.1	U	--			<
Silver	10000	0.36	--			<	2.45	U	--			<	2.26	U	--			<	2.35	U	--			<	2.2	U	--			<
Sodium	NC	NC	--			84.9	NR		--			97.8	NR	J	--			103	NR	J	--			72.8	NR		--			129
Thallium	160	0.05	--			<	1.22	U	--			<	1.13	U	--			<	1.17	U	--			<	1.1	U	--			<
Vanadium	14000	0.5	<	0.05	U	14.7	NR		<	0.05	U	32.7	NR		<	0.05	U	23.6	NR		<	0.05	U	20.4	NR		<	0.05	U	8.1
Zinc	610000	50	--			30.9	NR		--			38.6	NR		--			27.2	NR		--			36	NR		--			13.8
METALS BY GRAPHITE FURNACE																														
Antimony	8200	0.06	--			<	1.22	U	--			<	1.13	U	--			0.216	0.01		--			<	1.1	U	--			<
OTHER PARAMETERS																														
Cation Excange Capacity	NC	NC	--			--			--			--			--						--			--			--			--
Cyanide	41000	2	--			<	0.61	U	--			<	0.57	U	--			<	0.59	U	--			<	0.55	U	--			<
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--			--			--

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	10A1-3B		SB10A1-3B			SB12-3A			SB12-3B			SB12A1-1A			SB12A1-1C			SB12B1-1A			SB12B1-1B		
Collect Date	ICC	PMC	12/2/98		12/2/98			12/21/98			12/21/98			12/9/98			12/8/98			1/8/99			1/8/99		
Sample Interval			6" - 4'6"		2'6" - 4'6"			1' - 3'			3' - 5'			1' - 3'			4'6" - 6'6"			0'5" - 2'5"			4'5" - 6'5"		
Units	mg/kg	mg/kg	mg/kg		mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																									
1,1,1-Trichloroethane	1000	40	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	1	0.005	U	--			<	0.006	U	<	0.005	U	0.001	0.006	J	<	0.006	U	<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	14	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	0.2	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	UJ	<	0.005	UJ
1,2-Dichloropropane	84	1	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
2-Butanone	1000	80	0.010	U	--			<	0.011	UJ	0.010	0.005		<	0.011	UJ	<	0.011	U	0.004	0.005	J	<	0.010	UJ
2-Hexanone	NC	NC	0.010	U	--			<	0.011	U	<	0.010	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.010	U
Acetone	1000	140	0.005	J	--			<	0.037	U	<	0.031	U	<	0.043	U	<	0.011	U	<	0.012	U	<	0.011	U
Benzene	200	0.2	0.005	U	--			<	0.006	U	<	0.005	U	0.016	0.006		<	0.006	U	<	0.005	U	<	0.005	U
Bromodichloromethane	NC	NC	0.005	UJ	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	UJ	<	0.005	U	<	0.005	U
Bromoform	720	0.8	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
Bromomethane	NC	NC	0.010	U	--			<	0.011	U	<	0.010	U	0.012	0.006	J	<	0.011	U	<	0.010	U	<	0.010	U
Carbon disulfide	NC	NC	0.005	U	--			<	0.006	UJ	<	0.005	UJ	<	0.006	UJ	<	0.006	U	<	0.005	U	0.000	0.005	J
Carbon tetrachloride	44	1	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	UJ	<	0.005	UJ
Chlorobenzene	1000	20	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
Chloroethane	NC	NC	0.010	U	--			<	0.011	U	<	0.010	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.010	U
Chloroform	940	1.2	0.005	J	--			0.002	0.006	J	0.002	0.005	J	0.001	0.006	J	<	0.006	U	0.002	0.005	J	0.002	0.005	J
Chloromethane	NC	NC	0.010	U	--			<	0.011	U	<	0.010	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	0.005	U	--			<	0.006	U	<	0.005	U	0.006	0.006		<	0.006	U	<	0.005	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
Dibromochloromethane	68	0.1	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
Ethylbenzene	1000	10.1	0.005	U	--			<	0.006	U	<	0.005	U	0.001	0.006	J	<	0.006	U	<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	14	0.005	J	--			0.008	0.006	J	<	0.010	U	<	0.011	U	<	0.011	U	0.001	0.005	J	<	0.010	U
Methylene chloride	760	1	0.005	J	--			<	0.006	U	0.001	0.005	J	<	0.006	UJ	<	0.006	U	<	0.010	U	<	0.010	U
Styrene	1000	20	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
Tetrachloroethylene	110	1	0.005	U	--			<	0.006	U	<	0.005	U	0.002	0.006	J	<	0.006	U	<	0.005	U	0.000	0.005	J
Toluene	1000	67	0.005	U	--			<	0.006	U	<	0.005	U	0.007	0.006		<	0.006	U	<	0.005	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	0.005	U	--			<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U
Trichloroethylene	520	1	0.005	U	--			<	0.006	U	<	0.005	U	0.230	0.006		0.001	0.006	J	<	0.005	U	<	0.005	U
Vinyl acetate	NC	NC	0.010	U	--			<	0.011	U	<	0.010	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.010	U
Vinyl chloride	3	0.4	0.010	U	--			<	0.011	U	<	0.010	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.010	U
Xylenes, Total	1000	19.5	0.005	U	--			<	0.006	U	<	0.005	U	0.002	0.006	J	<	0.006	U	<	0.005	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	10A1-3B		SB10A1-3B			SB12-3A			SB12-3B			SB12A1-1A			SB12A1-1C			SB12B1-1A			SB12B1-1B		
Collect Date	ICC	PMC	12/2/98		12/2/98			12/21/98			12/21/98			12/9/98			12/8/98			1/8/99			1/8/99		
Sample Interval			6" - 4'6"		2'6" - 4'6"			1' - 3'			3' - 5'			1' - 3'			4'6" - 6'6"			0'5" - 2'5"			4'5" - 6'5"		
Units	mg/kg	mg/kg	mg/kg		mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																									
1,2,4-Trichlorobenzene	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
1,2-Dichlorobenzene	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
1,3-Dichlorobenzene	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
1,4-Dichlorobenzene	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
2,4,5-Trichlorophenol	NC	NC	0.957	U	--			<	1.7	U	<	2	U	<	29.1	U	<	31	U	<	1.8	U	<	1.6	U
2,4,6-Trichlorophenol	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
2,4-Dichlorophenol	2500	4	0.339	U	--			<	0.36	U	<	0.41	U	<	10.5	U	<	11.2	U	<	0.37	U	<	0.34	U
2,4-Dimethylphenol	NC	NC	0.339	U	--			<	0.36	U	<	0.41	U	<	10.5	U	<	11.2	U	<	0.37	U	<	0.34	U
2,4-Dinitrophenol	NC	NC	0.957	U	--			<	1.7	U	<	2	U	<	29.1	U	<	31	U	<	1.8	U	<	1.6	U
2,4-Dinitrotoluene	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
2,6-Dinitrotoluene	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
2-Chloronaphthalene	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
2-Chlorophenol	2500	7.2	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
2-Methylnaphthalene	NC	NC	0.373	U	--			0.015	0.36	J	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
2-Methylphenol	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
2-Nitroaniline	NC	NC	0.957	U	--			<	1.7	U	<	2	U	<	29.1	U	<	31	U	<	1.8	U	<	1.6	U
2-Nitrophenol	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
3,3'-Dichlorobenzidine	NC	NC	0.957	U	--			<	0.72	U	<	0.81	U	<	29.1	U	<	31	U	<	0.73	U	<	0.68	U
3-Nitroaniline	NC	NC	0.957	U	--			<	1.7	U	<	2	U	<	29.1	U	<	31	U	<	1.8	U	<	1.6	U
4,6-Dinitro-2-methylphenol	NC	NC	0.957	U	--			<	1.7	U	<	2	U	<	29.1	U	<	31	U	<	1.8	U	<	1.6	U
4-Bromophenylphenyl ether	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
4-Chloro-3-methylphenol	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
4-Chloroaniline	NC	NC	0.957	U	--			<	0.36	U	<	0.36	U	<	29.1	U	<	31	U	<	0.37	U	<	0.34	U
4-Chlorophenylphenyl ether	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
4-Methylphenol	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
4-Nitroaniline	NC	NC	0.957	U	--			<	1.7	U	<	2	U	<	29.1	U	<	31	U	<	1.8	U	<	1.6	U
4-Nitrophenol	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	1.8	U	<	1.6	U
Acenaphthene	NC	NC	0.373	U	--			0.025	0.36	J	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Acenaphthylene	2500	84	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Anthracene	2500	400	0.373	U	--			0.24	0.36	J	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Benzo(b)fluoranthene	7.8	1	0.373	U	--			0.64	0.36		0.012	0.41	J	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Benzo(g,h,I)fluoranthene	NC	NC	0.373	U	--			0.61	0.36		<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Benzo(a)anthracene	7.8	1	0.373	U	--			0.67	0.36		0.013	0.41	J	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Benzo(a)pyrene	1	1	0.373	U	--			0.78	0.36		0.014	0.41	J	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Benzo(k)fluoranthene	78	1	0.373	U	--			0.67	0.36		0.014	0.41	J	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Benzoic acid	NC	NC			--			<	0.36	U	0.04	0.41	J	--			--			<	1.8	U	<	1.6	U
Benzyl alcohol	NC	NC			--			<	0.36	U	<	0.41	U	--			--			<	0.37	U	<	0.34	U
Bis(2-chloroethoxy) methane	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Bis(2-chloroethyl) ether	5.2	2.4	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Bis(2-chloroisopropyl) ether	82	2.4	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Bis(2-ethylhexyl) phthalate	410	11	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Butylbenzyl phthalate	2500	200	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Carbazole	NC	NC	0.373	U	--			0.036	0.36	J	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	10A1-3B		SB10A1-3B			SB12-3A			SB12-3B			SB12A1-1A			SB12A1-1C			SB12B1-1A			SB12B1-1B		
Collect Date	ICC	PMC	12/2/98		12/2/98			12/21/98			12/21/98			12/9/98			12/8/98			1/8/99			1/8/99		
Sample Interval			6" - 4'6"		2'6" - 4'6"			1' - 3'			3' - 5'			1' - 3'			4'6" - 6'6"			0'5" - 2'5"			4'5" - 6'5"		
Units	mg/kg	mg/kg	mg/kg		mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	0.373	U	--			0.75	0.36		0.013	0.41	J	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Di-n-butyl phthalate	2500	140	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Di-n-octyl phthalate	2500	20	0.373	U	--			<	0.36	UUJ	<	0.41	UUJ	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Dibenz(a,h)anthracene	NC	NC	0.373	U	--			0.28	0.36	J	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Dibenzofuran	NC	NC	0.373	U	--			0.016	0.36	J	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Diethyl phthalate	NC	NC	0.373	U	--			<	0.36	UUJ	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Dimethyl phthalate	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Fluoranthene	2500	56	0.373	U	--			0.67	0.36		0.018	0.41	J	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Fluorene	2500	56	0.373	U	--			0.061	0.36	J	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Hexachlorobenzene	3.6	1	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Hexachlorobutadiene	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Hexachlorocyclopentadiene	NC	NC	0.957	U	--			<	0.36	U	<	0.36	U	<	29.1	U	<	31	U	<	0.37	U	<	0.34	U
Hexachloroethane	410	1	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Indeno(1,2,3-C,D)pyrene	NC	NC	0.373	U	--			0.55	0.36		<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Isophorone	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
N-Nitrosodi-n-propylamine	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
N-Nitrosodiphenylamine	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Napthalene	2500	56	0.373	U	--			0.009	0.36	J	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Nitrobenzene	NC	NC	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Pentachlorophenol	48	1	0.957	U	--			<	1.7	U	<	2	U	<	29.1	U	<	31	U	<	1.8	U	<	1.6	U
Phenanthrene	2500	40	0.373	U	--			0.31	0.36	J	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Phenol	2500	800	0.373	U	--			<	0.36	U	<	0.41	U	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
Pyrene	2500	40	0.373	U	--			1.3	0.36		0.018	0.41	J	<	11.6	U	<	12.3	U	<	0.37	U	<	0.34	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																									
PCB 1016	NC	NC			--			<	0.0434	U	--			<	0.0467	U	--			<	0.0445	U	--		
PCB 1221	NC	NC			--			<	0.0868	U	--			<	0.0933	U	--			<	0.089	U	--		
PCB 1232	NC	NC			--			<	0.0434	U	--			<	0.0467	U	--			<	0.0445	U	--		
PCB 1242	NC	NC			--			<	0.0868	U	--			<	0.0933	U	--			<	0.089	U	--		
PCB 1248	NC	NC			--			<	0.0868	U	--			<	0.0933	U	--			<	0.089	U	--		
PCB 1254	NC	NC			--			<	0.0434	U	--			0.117	NR		--			<	0.0445	U	--		
PCB 1260	NC	NC			--			<	0.0434	U	--			<	0.0467	U	--			<	0.0445	U	--		
TOTAL PETROLEUM HYDROCARBONS																									
Total Petroleum Hydrocarbons (TPH)	2500	2500			--			162	NR		--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	10A1-3B		SB10A1-3B			SB12-3A			SB12-3B			SB12A1-1A			SB12A1-1C			SB12B1-1A			SB12B1-1B		
Collect Date	ICC	PMC	12/2/98		12/2/98			12/21/98			12/21/98			12/9/98			12/8/98			1/8/99			1/8/99		
Sample Interval			6" - 4'6"		2'6" - 4'6"			1' - 3'			3' - 5'			1' - 3'			4'6" - 6'6"			0'5" - 2'5"			4'5" - 6'5"		
Units	mg/kg	mg/kg	mg/kg		mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																									
Aluminum	NC	NC	NR		--			8210	NR		9960	NR		17900	NR		3510	NR		7060	NR		2320	NR	
Antimony	8200	0.06	11.3	U	--			4.51	0.01		<	12.2	U	<	11.7	U	<	12.5	U	<	11.1	UUJ	<	10.3	U
Arsenic	10	0.5	NR		--			4.61	NR		3.03	NR		0.99	NR		<	1.25	U	2.56	NR		1.13	NR	
Barium	140000	10	NR		--			25.2	NR		33.6	NR		1330	NR		13.4	NR		14.4	NR		6.56	NR	
Beryllium	2	0.04	NR	J	--			0.331	NR	J	0.576	NR	J	0.284	NR	J	0.16	NR	J	0.252	NR	J	0.143	NR	J
Cadmium	1000	0.05	NR	J	<	0.05	U	<	1.08	U	0.0933	NR	J	554	NR		1.09	NR	J	0.224	NR	J	0.109	NR	J
Calcium	NC	NC	NR		--			755	NR		2000	NR		6190	NR		770	NR		738	NR		327	NR	
Chromium	51000	0.5	NR		--			10.4	NR		8.54	NR		772	NR		22.9	NR		36	NR		11.4	NR	
Cobalt	NC	NC	NR		--			6.01	NR		4.92	NR		4.75	NR		1.74	NR	J	4.82	NR		2.03	NR	J
Copper	76000	13	NR		--			17.7	NR		8.91	NR		744	NR		15.2	NR		11.4	NR		6.81	NR	
Iron	NC	NC	NR		--			10900	NR		12400	NR		22900	NR		5870	NR		13100	NR	J	5140	NR	
Lead	1000	0.15	NR		--			12.6	NR		7.18	NR		300	NR		6.47	NR		11.1	NR		3.44	NR	
Magnesium	NC	NC	NR		--			2390	NR		2010	NR		3360	NR		1410	NR		2420	NR	J	842	NR	
Manganese	NC	NC	NR		--			242	NR		237	NR		383	NR		84.1	NR		222	NR	J	62	NR	
Mercury	610	0.02	0.11	U	--			0.0385	NR	J	<	0.122	U	0.309	NR		<	0.125	U	<	0.111	U	<	0.103	U
Nickel	7500	1	NR	J	--			12.4	NR		9.64	NR		30.2	NR		3.49	NR	J	8.59	NR		3.76	NR	J
Potassium	NC	NC	566	U	--			546	NR		467	NR	J	608	NR		244	NR	J	432	NR	J	571	NR	
Selenium	10000	0.5	1.13	U	--			<	1.08	U	<	1.22	U	<	1.17	U	<	1.25	U	<	1.11	U	<	1.03	U
Silver	10000	0.36	2.26	U	--			<	2.17	U	<	2.43	U	2.28	NR	J	<	2.49	U	<	2.22	U	<	2.05	U
Sodium	NC	NC	NR		--			150	NR		189	NR		136	NR		110	NR	J	576	NR		142	NR	
Thallium	160	0.05	1.13	U	--			<	1.08	U	<	1.22	U	<	1.17	U	<	1.25	U	<	1.11	U	<	1.03	U
Vanadium	14000	0.5	NR		<	0.05	U	13.5	NR		10.7	NR		21	NR		8.71	NR		16.4	NR		5.77	NR	
Zinc	610000	50	NR		--			30.5	NR		30.8	NR		2270	NR		26.1	NR		28.3	NR		9.74	NR	
METALS BY GRAPHITE FURNACE																									
Antimony	8200	0.06	1.13	U	--			<	1.3	U	<	1.46	U	3.69	0.01		1.54	0.01		<	1.33	U	<	1.23	U
OTHER PARAMETERS																									
Cation Excange Capacity	NC	NC			--			4	NR		--			--			--			--			--		
Cyanide	41000	2	0.57	U	--			<	0.54	U	<	0.61	U	<	0.58	U	<	0.62	U	<	0.56	U	<	0.51	U
Total Organic Carbon (TOC)	NC	NC			--			0.426	0.00011		--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12B2-1A			SB12B2-1B			SB12B3-1A			SB12B3-1B			SB12B3-2A			SB12B3-2B			SB12B3-3A			SB12B3-3B		
Collect Date	ICC	PMC	1/8/99			1/8/99			1/6/99			1/6/99			1/6/99			1/6/99			1/6/99			1/6/99		
Sample Interval			0'4" - 2'4"			2'4" - 4'4"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	0.002	0.005	J	0.011	0.005		0.001	0.005	J	<	0.006	U	17.000	0.950		<	0.006	U	<	0.005	U	0.002	0.004	J
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	0.052	0.950	J	<	0.006	U	<	0.005	U	<	0.004	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
1,1-Dichloroethane	1000	14	0.002	0.005	J	<	0.005	U	<	0.005	U	<	0.006	U	0.110	0.950	J	<	0.006	U	<	0.005	U	0.001	0.004	J
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
1,2-Dichloroethane	63	0.2	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
2-Butanone	1000	80	0.006	0.005	J	0.004	0.005	J	0.004	0.005	J	0.005	0.006	J	<	0.950	U	0.005	0.006	J	0.005	0.005	J	<	0.008	U
2-Hexanone	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.950	U	<	0.012	U	<	0.010	U	<	0.008	U
Acetone	1000	140	<	0.024	U	<	0.010	U	<	0.020	U	<	0.013	U	<	1.100	U	<	0.012	U	<	0.018	U	<	0.011	U
Benzene	200	0.2	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.005	UJ	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Bromoform	720	0.8	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Bromomethane	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	0.110	0.950	J	<	0.012	U	<	0.010	U	<	0.008	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	0.001	0.006	J	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Carbon tetrachloride	44	1	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.006	UJ	2.800	0.950		<	0.006	U	<	0.005	UJ	<	0.004	UJ
Chlorobenzene	1000	20	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Chloroethane	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.950	U	<	0.012	U	<	0.010	U	<	0.008	U
Chloroform	940	1.2	0.002	0.005	J	0.002	0.005	J	0.003	0.005	J	0.004	0.006	J	<	0.950	U	0.002	0.006	J	0.002	0.005	J	0.003	0.004	J
Chloromethane	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	0.160	0.950	J	<	0.012	U	<	0.010	U	<	0.008	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.005	UJ	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Methyl isobutyl ketone	1000	14	0.001	0.005	J	<	0.010	U	<	0.010	U	<	0.012	U	<	0.950	U	<	0.012	U	<	0.010	U	<	0.008	U
Methylene chloride	760	1	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.950	U	<	0.012	U	<	0.010	U	<	0.008	U
Styrene	1000	20	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Tetrachloroethylene	110	1	<	0.005	U	0.003	0.005	J	<	0.005	U	<	0.006	U	0.081	0.950	J	<	0.006	U	<	0.005	U	<	0.004	U
Toluene	1000	67	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U
Trichloroethylene	520	1	<	0.005	U	<	0.005	U	0.003	0.005	J	0.001	0.006	J	6.300	0.950		<	0.006	U	0.001	0.005	J	0.008	0.004	
Vinyl acetate	NC	NC	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.950	U	<	0.012	U	<	0.010	U	<	0.008	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.950	U	<	0.012	U	<	0.010	U	<	0.008	U
Xylenes, Total	1000	19.5	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.950	U	<	0.006	U	<	0.005	U	<	0.004	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12B2-1A			SB12B2-1B			SB12B3-1A			SB12B3-1B			SB12B3-2A			SB12B3-2B			SB12B3-3A			SB12B3-3B		
Collect Date	ICC	PMC	1/8/99			1/8/99			1/6/99			1/6/99			1/6/99			1/6/99			1/6/99			1/6/99		
Sample Interval			0'4" - 2'4"			2'4" - 4'4"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
1,2-Dichlorobenzene	NC	NC	<	0.38	U	0.03	0.34	J	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
1,3-Dichlorobenzene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
1,4-Dichlorobenzene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
2,4,5-Trichlorophenol	NC	NC	<	1.9	U	<	1.6	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.7	U	<	1.7	U
2,4,6-Trichlorophenol	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
2,4-Dichlorophenol	2500	4	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
2,4-Dimethylphenol	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	0.011	0.36	J	<	0.34	U	<	0.35	U	<	0.35	U
2,4-Dinitrophenol	NC	NC	<	1.9	U	<	1.6	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.7	U	<	1.7	U
2,4-Dinitrotoluene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
2,6-Dinitrotoluene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
2-Chloronaphthalene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
2-Chlorophenol	2500	7.2	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
2-Methylnaphthalene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
2-Methylphenol	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	0.007	0.36	J	<	0.34	U	<	0.35	U	<	0.35	U
2-Nitroaniline	NC	NC	<	1.9	U	<	1.6	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.7	U	<	1.7	U
2-Nitrophenol	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
3,3'-Dichlorobenzidine	NC	NC	<	0.77	U	<	0.67	U	<	0.73	U	<	0.7	U	<	0.72	U	<	0.67	U	<	0.71	U	<	0.69	U
3-Nitroaniline	NC	NC	<	1.9	U	<	1.6	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.7	U	<	1.7	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.9	U	<	1.6	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.7	U	<	1.7	U
4-Bromophenylphenyl ether	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
4-Chloro-3-methylphenol	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
4-Chloroaniline	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
4-Chlorophenylphenyl ether	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
4-Methylphenol	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	0.014	0.36	J	<	0.34	U	<	0.35	U	<	0.35	U
4-Nitroaniline	NC	NC	<	1.9	U	<	1.6	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.7	U	<	1.7	U
4-Nitrophenol	NC	NC	<	1.9	U	<	1.6	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.7	U	<	1.7	U
Acenaphthene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Acenaphthylene	2500	84	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Anthracene	2500	400	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Benzo(b)fluoranthene	7.8	1	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Benzo(a)anthracene	7.8	1	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Benzo(a)pyrene	1	1	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Benzo(k)fluoranthene	78	1	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Benzoic acid	NC	NC	0.055	0.38	J	<	1.6	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.7	U	<	1.7	U
Benzyl alcohol	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Bis(2-chloroethoxy) methane	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.38	U	<	0.47	U	<	0.37	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Butylbenzyl phthalate	2500	200	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Carbazole	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12B2-1A			SB12B2-1B			SB12B3-1A			SB12B3-1B			SB12B3-2A			SB12B3-2B			SB12B3-3A			SB12B3-3B		
Collect Date	ICC	PMC	1/8/99			1/8/99			1/6/99			1/6/99			1/6/99			1/6/99			1/6/99			1/6/99		
Sample Interval			0'4" - 2'4"			2'4" - 4'4"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	1.5	0.36		<	0.34	U	<	0.35	U	<	0.35	U
Di-n-butyl phthalate	2500	140	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Di-n-octyl phthalate	2500	20	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Dibenz(a,h)anthracene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Dibenzofuran	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Diethyl phthalate	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	0.008	0.35	J
Dimethyl phthalate	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Fluoranthene	2500	56	<	0.38	U	0.023	0.34	J	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Fluorene	2500	56	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Hexachlorobenzene	3.6	1	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Hexachlorobutadiene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Hexachlorocyclopentadiene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Hexachloroethane	410	1	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Isophorone	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
N-Nitrosodiphenylamine	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Napthalene	2500	56	<	0.38	U	<	0.34	U	<	0.37	U	0.004	0.35	J	<	0.36	U	0.003	0.34	J	<	0.35	U	<	0.35	U
Nitrobenzene	NC	NC	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Pentachlorophenol	48	1	<	1.9	U	<	1.6	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.6	U	<	1.7	U	<	1.7	U
Phenanthrene	2500	40	<	0.38	U	0.057	0.34	J	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
Phenol	2500	800	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	0.007	0.36	J	<	0.34	U	<	0.35	U	<	0.35	U
Pyrene	2500	40	<	0.38	U	<	0.34	U	<	0.37	U	<	0.35	U	<	0.36	U	<	0.34	U	<	0.35	U	<	0.35	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0461	U	--			<	0.0446	U	--			<	0.0438	U	--			<	0.0441	U	--		
PCB 1221	NC	NC	<	0.0923	U	--			<	0.0892	U	--			<	0.0876	U	--			<	0.0881	U	--		
PCB 1232	NC	NC	<	0.0461	U	--			<	0.0446	U	--			<	0.0438	U	--			<	0.0441	U	--		
PCB 1242	NC	NC	<	0.0923	U	--			<	0.0892	U	--			<	0.0876	U	--			<	0.0881	U	--		
PCB 1248	NC	NC	<	0.0923	U	--			<	0.0892	U	--			<	0.0876	U	--			<	0.0881	U	--		
PCB 1254	NC	NC	<	0.0461	U	--			<	0.0446	U	--			<	0.0438	U	--			<	0.0441	U	--		
PCB 1260	NC	NC	<	0.0461	U	--			<	0.0446	U	--			0.041	NR		--			<	0.0441	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	<	0.0115	U	--			--			--			--			--			<	0.011	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12B2-1A			SB12B2-1B			SB12B3-1A			SB12B3-1B			SB12B3-2A			SB12B3-2B			SB12B3-3A			SB12B3-3B		
Collect Date	ICC	PMC	1/8/99			1/8/99			1/6/99			1/6/99			1/6/99			1/6/99			1/6/99			1/6/99		
Sample Interval			0'4" - 2'4"			2'4" - 4'4"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	7780	NR		3190	NR		6970	NR		5360	NR		7240	NR		3630	NR		5640	NR		4860	NR	
Antimony	8200	0.06	<	11.5	U	<	10.2	U	<	11.1	U	<	10.8	U	20.3	0.01		11.3	0.01		<	11	U	<	10.5	U
Arsenic	10	0.5	2.9	NR		0.84	NR	J	3.22	NR		1.96	NR		2.44	NR		<	1.03	U	2.13	NR		1.39	NR	
Barium	140000	10	18.5	NR		9.89	NR		17.3	NR		13.7	NR		20.3	NR		11.3	NR		14.2	NR		12.7	NR	
Beryllium	2	0.04	0.309	NR	J	0.168	NR	J	0.35	NR	J	0.217	NR	J	0.335	NR	J	0.233	NR	J	0.246	NR	J	0.202	NR	J
Cadmium	1000	0.05	0.108	NR	J	0.117	NR	J	<	1.11	U	0.171	NR	J	<	1.1	U	<	1.03	U	<	1.1	U	<	1.05	U
Calcium	NC	NC	623	NR		332	NR		770	NR		544	NR		542	NR		719	NR		628	NR		627	NR	
Chromium	51000	0.5	14.1	NR		16.8	NR		8.21	NR		7.53	NR		7.8	NR		5.19	NR		7.25	NR		7.01	NR	
Cobalt	NC	NC	7.23	NR		2.53	NR		5.54	NR		4.07	NR		5.74	NR		2.95	NR		4.48	NR		3.51	NR	
Copper	76000	13	11.3	NR		7.37	NR		13.3	NR		9.1	NR		11.2	NR		12.8	NR		11.3	NR		7.08	NR	
Iron	NC	NC	15300	NR		5520	NR	J	13100	NR		10400	NR		12100	NR		6300	NR		10200	NR		8620	NR	
Lead	1000	0.15	4.87	NR		1.79	NR		5.19	NR		3.3	NR		5.33	NR		2	NR		4.15	NR		3.13	NR	
Magnesium	NC	NC	2100	NR		1280	NR		2730	NR		1530	NR		2250	NR		1140	NR		2110	NR		1650	NR	
Manganese	NC	NC	349	NR		81.7	NR		254	NR		171	NR		235	NR		113	NR		172	NR		197	NR	
Mercury	610	0.02	<	0.115	U	<	0.102	U	<	0.111	U	0.053	NR	J	<	0.11	U	0.769	NR		<	0.11	U	0.0457	NR	J
Nickel	7500	1	7.77	NR		5.65	NR		9.2	NR		5.84	NR		7.34	NR		505	NR		7	NR		6.31	NR	
Potassium	NC	NC	1690	NR		878	NR		703	NR		560	NR		698	NR		505	NR	J	683	NR		557	NR	
Selenium	10000	0.5	<	1.15	U	<	1.02	U	<	1.11	U	<	1.08	U	<	1.1	U	<	1.03	U	<	1.1	U	<	1.05	U
Silver	10000	0.36	<	2.31	U	<	2.05	U	<	2.23	U	<	2.16	U	<	2.19	U	<	2.05	U	<	2.2	U	<	2.1	U
Sodium	NC	NC	1240	NR		359	NR		297	NR		197	NR		125	NR		97.7	NR	J	203	NR		65	NR	J
Thallium	160	0.05	<	1.15	U	<	1.02	U	<	1.11	U	<	1.08	U	<	1.1	U	<	1.03	U	<	1.1	U	<	1.05	U
Vanadium	14000	0.5	17.1	NR		6.79	NR		13.2	NR		12.1	NR		12.6	NR		7.2	NR		10.8	NR		9.47	NR	
Zinc	610000	50	20.1	NR		12.2	NR		28.9	NR		14.9	NR		30.2	NR		11.4	NR		22	NR		15.1	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			<	1.38	U	<	1.11	U	<	1.3	U	<	1.31	U	<	1.23	U	<	1.32	U	<	1.26	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	7	NR		--			--			--			--			--			3	NR		--		
Cyanide	41000	2	0.51	0.00011	J	<	0.51	U	<	0.56	U	<	0.54	U	<	0.55	U	<	0.51	U	<	0.55	U	<	0.53	U
Total Organic Carbon (TOC)	NC	NC	0.092	0.00011	J	--			--			--			--			--			0.075	0.00011		--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12B4-1A			SB12B4-1C			SB12B5-1A			SB12B5-1C			SB12B6-1A			SB12B6-1C			SB12B6-2A			SB12B6-2B		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/10/98			12/10/98			12/10/98			12/10/98			12/15/98			12/15/98		
Sample Interval			0'4" - 1'9"			3'9" - 5'9"			0'8" - 2'8"			4'8" - 6'8"			0'4" - 1'9"			4'4" - 6'4"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.006	U	0.003	0.005	J	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.006	U	0.001	0.005	J	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
2-Butanone	1000	80	<	0.009	UJ	<	0.011	UJ	0.007	0.005	J	0.003	0.006	J	0.006	0.006	J	<	0.012	U	<	0.009	UJ	<	0.012	UJ
2-Hexanone	NC	NC	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	<	0.012	U	<	0.012	U	<	0.009	U	<	0.012	U
Acetone	1000	140	<	0.020	U	<	0.011	U	<	0.022	U	<	0.012	U	<	0.020	U	<	0.012	U	<	0.023	U	<	0.015	U
Benzene	200	0.2	0.001	0.005	J	0.001	0.006	J	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Bromoform	720	0.8	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Bromomethane	NC	NC	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	<	0.012	U	<	0.012	U	<	0.009	U	<	0.012	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Carbon tetrachloride	44	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Chlorobenzene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Chloroethane	NC	NC	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	<	0.012	U	<	0.012	U	<	0.009	U	<	0.012	U
Chloroform	940	1.2	0.002	0.005	J	0.003	0.006	J	0.002	0.005	J	0.002	0.006	J	0.001	0.006	J	0.004	0.006	J	0.002	0.005	J	0.004	0.006	J
Chloromethane	NC	NC	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	<	0.012	U	<	0.012	U	<	0.009	U	<	0.012	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	0.006	U	0.007	0.005		0.001	0.006	J	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Methyl isobutyl ketone	1000	14	<	0.009	U	0.003	0.006	J	<	0.010	U	0.002	0.006	J	0.002	0.006	J	0.002	0.006	J	<	0.009	U	0.003	0.006	J
Methylene chloride	760	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Styrene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Tetrachloroethylene	110	1	0.001	0.005	J	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Toluene	1000	67	0.001	0.005	J	<	0.006	U	0.001	0.005	J	<	0.006	U	<	0.006	U	0.000	0.006	J	0.001	0.005	J	0.001	0.006	J
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.006	U
Trichloroethylene	520	1	0.006	0.005		<	0.006	U	0.016	0.005		<	0.006	U	0.001	0.006	J	<	0.006	U	0.001	0.005	J	<	0.006	U
Vinyl acetate	NC	NC	<	0.009	U	<	0.006	U	<	0.010	U	<	0.012	U	<	0.012	U	<	0.012	U	<	0.009	U	<	0.012	U
Vinyl chloride	3	0.4	<	0.009	U	<	0.011	U	<	0.010	U	<	0.012	U	<	0.012	U	<	0.012	U	<	0.009	U	<	0.012	U
Xylenes, Total	1000	19.5	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	0.000	0.006	J	<	0.005	U	<	0.006	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12B4-1A			SB12B4-1C			SB12B5-1A			SB12B5-1C			SB12B6-1A			SB12B6-1C			SB12B6-2A			SB12B6-2B		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/10/98			12/10/98			12/10/98			12/10/98			12/15/98			12/15/98		
Sample Interval			0'4" - 1'9"			3'9" - 5'9"			0'8" - 2'8"			4'8" - 6'8"			0'4" - 1'9"			4'4" - 6'4"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
1,2-Dichlorobenzene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
1,3-Dichlorobenzene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
1,4-Dichlorobenzene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
2,4,5-Trichlorophenol	NC	NC	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
2,4,6-Trichlorophenol	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
2,4-Dichlorophenol	2500	4	<	9.54	U	<	9.62	U	<	9.94	U	<	10.3	U	<	9.7	U	<	10.4	U	<	9.84	U	<	9.38	U
2,4-Dimethylphenol	NC	NC	<	9.54	U	<	9.62	U	<	9.94	U	<	10.3	U	<	9.7	U	<	10.4	U	<	9.84	U	<	9.38	U
2,4-Dinitrophenol	NC	NC	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
2,4-Dinitrotoluene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
2,6-Dinitrotoluene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
2-Chloronaphthalene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
2-Chlorophenol	2500	7.2	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
2-Methylnaphthalene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
2-Methylphenol	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
2-Nitroaniline	NC	NC	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
2-Nitrophenol	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
3,3'-Dichlorobenzidine	NC	NC	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
3-Nitroaniline	NC	NC	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
4,6-Dinitro-2-methylphenol	NC	NC	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
4-Bromophenylphenyl ether	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
4-Chloro-3-methylphenol	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
4-Chloroaniline	NC	NC	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
4-Chlorophenylphenyl ether	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
4-Methylphenol	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
4-Nitroaniline	NC	NC	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
4-Nitrophenol	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Acenaphthene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Acenaphthylene	2500	84	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Anthracene	2500	400	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Benzo(b)fluoranthene	7.8	1	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Benzo(a)anthracene	7.8	1	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Benzo(a)pyrene	1	1	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Benzo(k)fluoranthene	78	1	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Butylbenzyl phthalate	2500	200	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Carbazole	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12B4-1A			SB12B4-1C			SB12B5-1A			SB12B5-1C			SB12B6-1A			SB12B6-1C			SB12B6-2A			SB12B6-2B		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/10/98			12/10/98			12/10/98			12/10/98			12/15/98			12/15/98		
Sample Interval			0'4" - 1'9"			3'9" - 5'9"			0'8" - 2'8"			4'8" - 6'8"			0'4" - 1'9"			4'4" - 6'4"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Di-n-butyl phthalate	2500	140	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Di-n-octyl phthalate	2500	20	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Dibenz(a,h)anthracene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Dibenzofuran	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Diethyl phthalate	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Dimethyl phthalate	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Fluoranthene	2500	56	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Fluorene	2500	56	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Hexachlorobenzene	3.6	1	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Hexachlorobutadiene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Hexachlorocyclopentadiene	NC	NC	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
Hexachloroethane	410	1	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Isophorone	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
N-Nitrosodiphenylamine	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Napthalene	2500	56	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Nitrobenzene	NC	NC	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Pentachlorophenol	48	1	<	26.4	U	<	26.6	U	<	27.5	U	<	28.5	U	<	26.8	U	<	28.7	U	<	27.2	U	<	25.9	U
Phenanthrene	2500	40	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Phenol	2500	800	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
Pyrene	2500	40	<	10.5	U	<	10.6	U	<	10.9	U	<	11.3	U	<	10.7	U	<	11.4	U	<	10.8	U	<	10.3	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0424	U	--			<	0.0442	U	--			<	0.0431	U	--			<	0.0437	U	--		
PCB 1221	NC	NC	<	0.0848	U	--			<	0.0884	U	--			<	0.0862	U	--			<	0.0874	U	--		
PCB 1232	NC	NC	<	0.0424	U	--			<	0.0442	U	--			<	0.0431	U	--			<	0.0437	U	--		
PCB 1242	NC	NC	<	0.0848	U	--			<	0.0884	U	--			<	0.0862	U	--			<	0.0874	U	--		
PCB 1248	NC	NC	<	0.0848	U	--			<	0.0884	U	--			<	0.0862	U	--			<	0.0874	U	--		
PCB 1254	NC	NC	<	0.0424	U	--			<	0.0442	U	--			<	0.0431	U	--			<	0.0437	U	--		
PCB 1260	NC	NC	0.119	NR	J	--			0.268	NR		--			0.072	NR		--			<	0.0437	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			456	NR		--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12B4-1A			SB12B4-1C			SB12B5-1A			SB12B5-1C			SB12B6-1A			SB12B6-1C			SB12B6-2A			SB12B6-2B		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/10/98			12/10/98			12/10/98			12/10/98			12/15/98			12/15/98		
Sample Interval			0'4" - 1'9"			3'9" - 5'9"			0'8" - 2'8"			4'8" - 6'8"			0'4" - 1'9"			4'4" - 6'4"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	5800	NR		2900	NR		6350	NR		2350	NR		5900	NR		2600	NR		10900	NR		4400	NR	
Antimony	8200	0.06	<	10.6	U	<	10.7	U	<	11	U	4.64	0.01	J	4.95	0.01	J	<	11.5	U	<	10.9	U	<	10.4	U
Arsenic	10	0.5	2.82	NR		<	1.07	U	4.6	NR		0.754	NR	J	3.25	NR		0.753	NR	J	12.9	NR		2.27	NR	
Barium	140000	10	27.2	NR		8.64	NR		37.6	NR		9.19	NR		23.8	NR		10	NR		47.4	NR		16.2	NR	
Beryllium	2	0.04	0.214	NR	J	0.146	NR	J	0.26	NR	J	0.123	NR	J	0.252	NR	J	0.145	NR	J	0.429	NR	J	0.229	NR	J
Cadmium	1000	0.05	0.991	NR	J	<	1.07	U	1.62	NR		<	1.14	U	<	1.08	U	<	1.15	U	<	1.09	U	0.3	NR	J
Calcium	NC	NC	4120	NR		519	NR		4270	NR		321	NR		5320	NR		540	NR		2300	NR		<	847	U
Chromium	51000	0.5	28	NR		4.39	NR		133	NR		5.52	NR		10.1	NR		6.14	NR		24	NR		19.8	NR	
Cobalt	NC	NC	4.32	NR		2.06	NR		5.78	NR		2.43	NR		5.08	NR		2.99	NR		11.5	NR		2.67	NR	
Copper	76000	13	32.6	NR		5.8	NR		30.1	NR		5.15	NR		16.8	NR		6.85	NR		31.4	NR		9.72	NR	
Iron	NC	NC	9860	NR		4870	NR		10700	NR		3700	NR		10100	NR		5310	NR		18000	NR		7970	NR	
Lead	1000	0.15	16.5	NR		2.56	NR		46.2	NR		2.83	NR		8.42	NR		1.94	NR		10.2	NR		5.06	NR	
Magnesium	NC	NC	2410	NR		1210	NR		2800	NR		975	NR		2420	NR		1070	NR		5360	NR		1620	NR	
Manganese	NC	NC	159	NR		86.8	NR		534	NR		55.9	NR		172	NR		72.8	NR		328	NR		123	NR	
Mercury	610	0.02	0.0612	NR	J	<	0.107	U	0.283	NR		<	0.114	U	<	0.108	U	<	0.115	U	<	0.109	U	<	0.104	U
Nickel	7500	1	15.1	NR		4.19	NR		46.2	NR		<	5.71	U	7.38	NR		<	5.76	U	27.4	NR		8.59	NR	
Potassium	NC	NC	934	NR		505	NR	J	765	NR		594	NR		902	NR		782	NR		2260	NR		699	NR	
Selenium	10000	0.5	<	1.06	U	<	1.07	U	<	1.1	U	<	1.14	U	<	1.08	U	<	1.15	U	<	1.09	U	<	1.04	U
Silver	10000	0.36	<	2.12	U	<	2.14	U	<	2.21	U	<	2.29	U	<	2.16	U	<	2.3	U	<	2.19	U	<	2.08	U
Sodium	NC	NC	153	NR		46.8	NR		169	NR		68	NR	J	128	NR		68.5	NR	J	155	NR		57.4	NR	J
Thallium	160	0.05	<	1.06	U	<	1.07	U	<	1.1	U	<	1.14	U	<	1.08	U	<	1.15	U	<	1.09	U	<	1.04	U
Vanadium	14000	0.5	16.3	NR		7.22	NR		30.8	NR		6.39	NR		16	NR		6.31	NR		29	NR		9.65	NR	
Zinc	610000	50	45	NR		10.7	NR		98.1	NR		8.82	NR		31.5	NR		12.3	NR		51.7	NR		24.9	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.27	U	<	1.28	U	<	1.33	U	<	1.37	U	<	1.29	U	<	1.38	U	<	1.31	U	<	1.25	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			7	NR		--		
Cyanide	41000	2	<	0.53	U	<	0.53	U	<	0.55	U	<	0.57	U	<	0.54	U	<	0.58	U	<	0.55	U	<	0.52	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			0.935	0.00011		--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12C1-1A			SB12C1-1C			SB12C1-2A		
Collect Date	ICC	PMC	12/29/98			12/29/98			12/29/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS											
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.006	U	<	0.006	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.006	U	<	0.006	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.006	U	<	0.006	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.006	U	<	0.006	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.006	U	<	0.006	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.006	U	<	0.006	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.006	U	<	0.006	U
2-Butanone	1000	80	<	0.010	U	<	0.011	U	<	0.012	U
2-Hexanone	NC	NC	<	0.010	U	<	0.011	U	<	0.012	U
Acetone	1000	140	<	0.026	U	<	0.011	U	<	0.022	U
Benzene	200	0.2	<	0.005	U	<	0.006	U	<	0.006	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.006	U	<	0.006	U
Bromoform	720	0.8	<	0.005	U	<	0.006	U	<	0.006	U
Bromomethane	NC	NC	<	0.010	U	<	0.011	U	<	0.012	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.006	U	<	0.006	U
Carbon tetrachloride	44	1	<	0.005	UJ	<	0.006	UJ	<	0.006	UJ
Chlorobenzene	1000	20	<	0.005	U	<	0.006	U	<	0.006	U
Chloroethane	NC	NC	<	0.010	U	<	0.011	U	<	0.012	U
Chloroform	940	1.2	0.002	0.005	J	0.003	0.006	J	0.004	0.006	J
Chloromethane	NC	NC	<	0.010	U	<	0.011	U	<	0.012	U
cis-1,2-Dichloroethylene	100	14	0.001	0.005		<	0.006	U	<	0.006	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.006	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.006	U	<	0.006	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.006	U	<	0.006	U
Methyl isobutyl ketone	1000	14	<	0.010	U	<	0.011	U	<	0.012	U
Methylene chloride	760	1	0.010	0.005		<	0.006	U	<	0.006	U
Styrene	1000	20	<	0.005	U	<	0.006	U	<	0.006	U
Tetrachloroethylene	110	1	0.001	0.005	J	<	0.006	U	<	0.006	U
Toluene	1000	67	<	0.005	U	<	0.006	U	<	0.006	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.006	U	<	0.006	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.006	U
Trichloroethylene	520	1	0.014	0.005		<	0.006	U	0.002	0.006	J
Vinyl acetate	NC	NC	<	0.010	U	<	0.011	U	<	0.012	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.011	U	<	0.012	U
Xylenes, Total	1000	19.5	<	0.005	U	<	0.006	U	<	0.006	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12C1-1A			SB12C1-1C			SB12C1-2A		
Collect Date	ICC	PMC	12/29/98			12/29/98			12/29/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS											
1,2,4-Trichlorobenzene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
1,2-Dichlorobenzene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
1,3-Dichlorobenzene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
1,4-Dichlorobenzene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
2,4,5-Trichlorophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U
2,4,6-Trichlorophenol	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
2,4-Dichlorophenol	2500	4	<	0.38	U	<	0.34	U	<	0.34	U
2,4-Dimethylphenol	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
2,4-Dinitrophenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U
2,4-Dinitrotoluene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
2,6-Dinitrotoluene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
2-Chloronaphthalene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
2-Chlorophenol	2500	7.2	<	0.38	U	<	0.34	U	<	0.34	U
2-Methylnaphthalene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
2-Methylphenol	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
2-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U
2-Nitrophenol	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
3,3'-Dichlorobenzidine	NC	NC	<	0.76	U	<	0.69	U	<	0.69	U
3-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U
4-Bromophenylphenyl ether	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
4-Chloro-3-methylphenol	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
4-Chloroaniline	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
4-Chlorophenylphenyl ether	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
4-Methylphenol	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
4-Nitroaniline	NC	NC	<	1.8	U	<	1.7	U	<	1.7	U
4-Nitrophenol	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Acenaphthene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Acenaphthylene	2500	84	<	0.38	U	<	0.34	U	<	0.34	U
Anthracene	2500	400	<	0.38	U	<	0.34	U	<	0.34	U
Benzo(b)fluoranthene	7.8	1	<	0.38	U	<	0.34	U	<	0.34	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Benzo(a)anthracene	7.8	1	<	0.38	U	<	0.34	U	0.004	0.34	J
Benzo(a)pyrene	1	1	<	0.38	U	<	0.34	U	<	0.34	U
Benzo(k)fluoranthene	78	1	<	0.38	U	<	0.34	U	<	0.34	U
Benzoic acid	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Benzyl alcohol	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Bis(2-chloroethoxy) methane	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.38	U	<	0.34	U	<	0.34	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.38	U	<	0.34	U	<	0.34	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.38	U	<	0.34	U	<	0.34	U
Butylbenzyl phthalate	2500	200	<	0.38	U	<	0.34	U	<	0.34	U
Carbazole	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12C1-1A			SB12C1-1C			SB12C1-2A		
Collect Date	ICC	PMC	12/29/98			12/29/98			12/29/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.38	U	<	0.34	U	0.003	0.34	J
Di-n-butyl phthalate	2500	140	<	0.38	U	<	0.34	U	<	0.34	U
Di-n-octyl phthalate	2500	20	<	0.38	U				<	0.34	U
Dibenz(a,h)anthracene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Dibenzofuran	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Diethyl phthalate	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Dimethyl phthalate	NC	NC	<	0.38	U				<	0.34	U
Fluoranthene	2500	56	0.001	0.38	J	0.001	0.34	J	0.004	0.34	J
Fluorene	2500	56	<	0.38	U				<	0.34	U
Hexachlorobenzene	3.6	1	<	0.38	U	<	0.34	U	<	0.34	U
Hexachlorobutadiene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Hexachlorocyclopentadiene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Hexachloroethane	410	1	<	0.38	U	<	0.34	U	<	0.34	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.38	U				<	0.34	U
Isophorone	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
N-Nitrosodiphenylamine	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Napthalene	2500	56	<	0.38	U	<	0.34	U	<	0.34	U
Nitrobenzene	NC	NC	<	0.38	U	<	0.34	U	<	0.34	U
Pentachlorophenol	48	1	<	1.8	U	<	1.7	U	<	1.7	U
Phenanthrene	2500	40	<	0.38	U	0.002	0.34	J	0.002	0.34	J
Phenol	2500	800	<	0.38	U	<	0.34	U	<	0.34	U
Pyrene	2500	40	0.0008	0.38	J	0.002	0.34	J	0.004	0.34	J
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)											
PCB 1016	NC	NC	<	0.0459	U	--			<	0.0413	U
PCB 1221	NC	NC	<	0.0918	U	--			<	0.0826	U
PCB 1232	NC	NC	<	0.0459	U	--			<	0.0413	U
PCB 1242	NC	NC	<	0.0918	U	--			<	0.0826	U
PCB 1248	NC	NC	<	0.0918	U	--			<	0.0826	U
PCB 1254	NC	NC	<	0.0459	U	--			<	0.0413	U
PCB 1260	NC	NC	<	0.0459	U	--			<	0.0413	U
TOTAL PETROLEUM HYDROCARBONS											
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12C1-1A			SB12C1-1C			SB12C1-2A		
Collect Date	ICC	PMC	12/29/98			12/29/98			12/29/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)											
Aluminum	NC	NC	8690	NR	J	3190	NR		3840	NR	
Antimony	8200	0.06	<	11.5	U	<	10.3	U	<	10.3	U
Arsenic	10	0.5	2.71	NR		<	1.03	U	0.735	NR	J
Barium	140000	10	27.5	NR		9.7	NR		13.3	NR	
Beryllium	2	0.04	0.32	NR	J	0.18	NR	J	0.188	NR	J
Cadmium	1000	0.05	0.125	NR	J	<	1.03	U	<	1.03	U
Calcium	NC	NC	571	NR		367	NR		665	NR	
Chromium	51000	0.5	9.48	NR		4.18	NR		5.34	NR	
Cobalt	NC	NC	4.36	NR		1.71	NR		2.41	NR	
Copper	76000	13	13.4	NR		4.63	NR		6.69	NR	
Iron	NC	NC	13400	NR		5330	NR		7020	NR	
Lead	1000	0.15	11.9	NR		2.3	NR		4.13	NR	
Magnesium	NC	NC	2660	NR		1300	NR		1430	NR	
Manganese	NC	NC	173	NR		79.4	NR		115	NR	
Mercury	610	0.02	<	0.115	U	<	0.103	U	<	0.103	U
Nickel	7500	1	7.77	NR		3.86	NR	J	5.35	NR	
Potassium	NC	NC	381	NR	J	309	NR	J	356	NR	J
Selenium	10000	0.5	<	1.15	U	<	1.03	U	<	1.03	U
Silver	10000	0.36	<	2.3	U	<	2.05	U	<	2.07	U
Sodium	NC	NC	179	NR		91.7	NR	J	119	NR	
Thallium	160	0.05	<	1.15	U	<	1.03	U	<	1.03	U
Vanadium	14000	0.5	13.8	NR		7.25	NR		7.91	NR	
Zinc	610000	50	33.8	NR		14	NR		15.5	NR	
METALS BY GRAPHITE FURNACE											
Antimony	8200	0.06	<	1.38	U	<	1.23	U	<	1.24	U
OTHER PARAMETERS											
Cation Excange Capacity	NC	NC	--			--			--		
Cyanide	41000	2	<	0.57	U	<	0.51	U	<	0.52	U
Total Organic Carbon (TOC)	NC	NC	--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12C1-2C			SB12D1-1A			SB12D1-2A			SB12D1-2B			SB12D1-3A			SB12D1-3B			SB12E1-1A			SB12E1-1C		
Collect Date	ICC	PMC	12/29/98			12/16/98			12/15/98			12/15/98			12/15/98			12/16/98			12/15/98			12/15/98		
Sample Interval			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'5" - 2'5"			4'5" - 6'5"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	0.002	0.004	J	0.006	0.004		0.003	0.005	J
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.006	U	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	0.001	0.004	J	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
2-Butanone	1000	80	<	0.011	U	<	0.010	UJ	<	0.010	UJ	<	0.009	UJ	<	0.013	U	<	0.009	UJ	<	0.011	UJ	<	0.011	UJ
2-Hexanone	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.013	U	<	0.009	U	<	0.009	U	<	0.011	U
Acetone	1000	140	<	0.012	U	<	0.015	U	<	0.034	U	<	0.028	U	<	0.013	U	<	0.037	U	<	0.037	U	<	0.011	U
Benzene	200	0.2	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	0.001	0.004	J	0.000	0.005	J
Bromodichloromethane	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Bromoform	720	0.8	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Bromomethane	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.013	U	<	0.009	U	<	0.009	U	<	0.011	U
Carbon disulfide	NC	NC	0.001	0.006	J	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	0.001	0.004	J	<	0.005	U
Carbon tetrachloride	44	1	<	0.006	UJ	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Chlorobenzene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Chloroethane	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.013	U	<	0.009	U	<	0.009	U	<	0.011	U
Chloroform	940	1.2	0.004	0.006	J	0.003	0.005	J	0.003	0.005	J	0.003	0.005	J	0.003	0.006	J	0.001	0.004	J	0.002	0.004	J	0.003	0.005	J
Chloromethane	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.013	U	<	0.009	U	<	0.009	U	<	0.011	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	0.009	0.004		<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Methyl isobutyl ketone	1000	14	0.002	0.006	J	0.003	0.005	J	0.003	0.005	J	0.003	0.005	J	<	0.013	U	0.002	0.004	J	<	0.009	U	<	0.011	U
Methylene chloride	760	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Styrene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	0.009	0.004		0.004	0.004		0.000	0.005	J
Toluene	1000	67	<	0.006	U	0.001	0.005	J	0.001	0.005	J	<	0.005	U	<	0.006	U	0.001	0.004	J	<	0.004	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	0.001	0.004	J	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U
Trichloroethylene	520	1	0.001	0.006	J	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	0.006	0.004		0.084	0.004		0.006	0.005	
Vinyl acetate	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.013	U	<	0.009	U	<	0.009	U	<	0.011	U
Vinyl chloride	3	0.4	<	0.011	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.013	U	<	0.009	U	<	0.009	U	<	0.011	U
Xylenes, Total	1000	19.5	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.004	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12C1-2C			SB12D1-1A			SB12D1-2A			SB12D1-2B			SB12D1-3A			SB12D1-3B			SB12E1-1A			SB12E1-1C		
Collect Date	ICC	PMC	12/29/98			12/16/98			12/15/98			12/15/98			12/15/98			12/16/98			12/15/98			12/15/98		
Sample Interval			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'5" - 2'5"			4'5" - 6'5"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
1,2-Dichlorobenzene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
1,3-Dichlorobenzene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
1,4-Dichlorobenzene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
2,4,5-Trichlorophenol	NC	NC	<	1.6	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
2,4,6-Trichlorophenol	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
2,4-Dichlorophenol	2500	4	<	0.34	U	<	9.85	U	<	0.323	U	<	0.324	U	<	0.343	U	<	0.329	U	<	9.53	U	<	10.1	U
2,4-Dimethylphenol	NC	NC	<	0.34	U	<	9.85	U	<	0.323	U	<	0.324	U	<	0.312	U	<	0.329	U	<	9.53	U	<	10.1	U
2,4-Dinitrophenol	NC	NC	<	1.6	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
2,4-Dinitrotoluene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
2,6-Dinitrotoluene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
2-Chloronaphthalene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
2-Chlorophenol	2500	7.2	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
2-Methylnaphthalene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
2-Methylphenol	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
2-Nitroaniline	NC	NC	<	1.6	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
2-Nitrophenol	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
3,3'-Dichlorobenzidine	NC	NC	<	0.68	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
3-Nitroaniline	NC	NC	<	1.6	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.6	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
4-Bromophenylphenyl ether	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
4-Chloro-3-methylphenol	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
4-Chloroaniline	NC	NC	<	0.34	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
4-Chlorophenylphenyl ether	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
4-Methylphenol	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
4-Nitroaniline	NC	NC	<	1.8	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
4-Nitrophenol	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Acenaphthene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Acenaphthylene	2500	84	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Anthracene	2500	400	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Benzo(b)fluoranthene	7.8	1	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	0.164	0.343		<	0.362	U	<	10.5	U	<	11.1	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Benzo(a)anthracene	7.8	1	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	0.0872	0.343	J	<	0.362	U	<	10.5	U	<	11.1	U
Benzo(a)pyrene	1	1	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Benzo(k)fluoranthene	78	1	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Benzoic acid	NC	NC	<	0.34	U	--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	<	0.34	U	--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Butylbenzyl phthalate	2500	200	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Carbazole	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12C1-2C			SB12D1-1A			SB12D1-2A			SB12D1-2B			SB12D1-3A			SB12D1-3B			SB12E1-1A			SB12E1-1C		
Collect Date	ICC	PMC	12/29/98			12/16/98			12/15/98			12/15/98			12/15/98			12/16/98			12/15/98			12/15/98		
Sample Interval			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'5" - 2'5"			4'5" - 6'5"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	0.0999	0.343	J	<	0.362	U	<	10.5	U	<	11.1	U
Di-n-butyl phthalate	2500	140	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Di-n-octyl phthalate	2500	20	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Dibenz(a,h)anthracene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Dibenzofuran	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Diethyl phthalate	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	0.0814	0.343	J	<	0.362	U	<	10.5	U	<	11.1	U
Dimethyl phthalate	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Fluoranthene	2500	56	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	0.169	0.343		<	0.362	U	<	10.5	U	<	11.1	U
Fluorene	2500	56	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Hexachlorobenzene	3.6	1	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Hexachlorobutadiene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Hexachlorocyclopentadiene	NC	NC	<	0.34	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
Hexachloroethane	410	1	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Isophorone	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
N-Nitrosodiphenylamine	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Napthalene	2500	56	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Nitrobenzene	NC	NC	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Pentachlorophenol	48	1	<	1.8	U	<	27.2	U	<	0.892	U	<	0.897	U	<	0.862	U	<	0.91	U	<	26.4	U	<	27.9	U
Phenanthrene	2500	40	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Phenol	2500	800	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	<	0.343	U	<	0.362	U	<	10.5	U	<	11.1	U
Pyrene	2500	40	<	0.34	U	<	10.8	U	<	0.355	U	<	0.357	U	0.207	0.343		<	0.362	U	<	10.5	U	<	11.1	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0438	U	<	0.043	U	--			<	0.0415	U	--			<	0.0424	U	--		
PCB 1221	NC	NC	--			<	0.0875	U	<	0.086	U	--			<	0.0831	U	--			<	0.0847	U	--		
PCB 1232	NC	NC	--			<	0.0438	U	<	0.043	U	--			<	0.0415	U	--			<	0.0424	U	--		
PCB 1242	NC	NC	--			<	0.0875	U	<	0.086	U	--			<	0.0831	U	--			<	0.0847	U	--		
PCB 1248	NC	NC	--			<	0.0875	U	<	0.086	U	--			<	0.0831	U	--			<	0.0847	U	--		
PCB 1254	NC	NC	--			<	0.0438	U	<	0.043	U	--			<	0.0415	U	--			<	0.0424	U	--		
PCB 1260	NC	NC	--			0.017	NR		<	0.043	U	--			<	0.0415	U	--			0.059	NR		--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			15	NR		--			1310	NR		--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12C1-2C			SB12D1-1A			SB12D1-2A			SB12D1-2B			SB12D1-3A			SB12D1-3B			SB12E1-1A			SB12E1-1C		
Collect Date	ICC	PMC	12/29/98			12/16/98			12/15/98			12/15/98			12/15/98			12/16/98			12/15/98			12/15/98		
Sample Interval			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'5" - 2'5"			4'5" - 6'5"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	2650	NR		3010	NR	J	8140	NR		7830	NR		2660	NR		6340	NR		7560	NR		3250	NR	
Antimony	8200	0.06	<	10.4	U	<	10.9	U	<	10.8	U	<	10.8	U	<	10.4	U	<	11	U	<	10.6	U	<	11.2	U
Arsenic	10	0.5	0.681	NR	J	0.84	NR	J	1.8	NR		2.06	NR		0.712	NR	J	3.21	NR		3.25	NR		<	1.12	U
Barium	140000	10	12.7	NR		17	NR		16.9	NR		11.1	NR		11.5	NR		14.5	NR		40.4	NR		9.21	NR	
Beryllium	2	0.04	0.137	NR	J	0.1	NR	J	0.301	NR	J	0.241	NR	J	0.0985	NR	J	0.298	NR	J	0.277	NR	J	0.16	NR	J
Cadmium	1000	0.05	<	1.04	U	<	1.09	U	<	1.08	U	<	1.08	U	0.156	NR	J	<	1.1	U	0.517	NR	J	<	1.12	U
Calcium	NC	NC	820	NR		1050	NR		580	NR		318	NR		<	781	U	619	NR		6100	NR	J	1180	NR	
Chromium	51000	0.5	4.17	NR		15.7	NR		10.9	NR		9.59	NR		16.7	NR		6.61	NR		14.8	NR		6.9	NR	
Cobalt	NC	NC	1.91	NR	J	2.16	NR	J	4.53	NR		4.79	NR		1.96	NR	J	3.54	NR		6.49	NR		1.9	NR	J
Copper	76000	13	6.2	NR		30.4	NR		10.6	NR		9.53	NR		29.8	NR		8.8	NR		28.9	NR		6.62	NR	
Iron	NC	NC	5930	NR		6070	NR		10400	NR		10100	NR		5260	NR		9030	NR		16000	NR		5750	NR	
Lead	1000	0.15	3.09	NR		13.4	NR		4.41	NR		4.78	NR		5.94	NR		5.88	NR		20.9	NR		2.3	NR	
Magnesium	NC	NC	1060	NR		109	NR		2380	NR		1940	NR		1410	NR		1790	NR		3310	NR		1310	NR	
Manganese	NC	NC	96.6	NR		73.7	NR		170	NR		178	NR		63.1	NR		133	NR		267	NR		87.8	NR	
Mercury	610	0.02	<	0.104	U	<	0.109	U	<	0.108	U	<	0.108	U	<	0.104	U	0.086	NR	J	0.0427	NR	J	<	0.112	U
Nickel	7500	1	4.63	NR		407	NR		9.52	NR		9.45	NR		9.17	NR		6.86	NR		17.7	NR		7.85	NR	
Potassium	NC	NC	375	NR	J	985	NR		619	NR		<	541	U	343	NR	J	487	NR	J	809	NR		651	NR	
Selenium	10000	0.5	<	1.04	U	<	1.09	U	<	1.08	U	<	1.08	U	<	1.04	U	<	1.1	U	<	1.06	U	<	1.12	U
Silver	10000	0.36	<	2.07	U	<	2.19	U	<	2.15	U	<	2.16	U	<	2.08	U	<	2.19	U	<	2.12	U	<	2.24	U
Sodium	NC	NC	104	NR		9.73	NR		97.2	NR	J	173	NR		184	NR		102	NR	J	395	NR		62.9	NR	
Thallium	160	0.05	<	1.04	U	<	1.09	U	<	1.08	U	<	1.08	U	<	1.04	U	<	1.1	U	<	1.06	U	<	1.12	U
Vanadium	14000	0.5	6.16	NR		6.65	NR		15.4	NR		14.1	NR		5.39	NR		9.82	NR		35.7	NR		13.5	NR	
Zinc	610000	50	12.4	NR		35.9	NR		20.1	NR		18.5	NR		34.2	NR		21.8	NR		59.9	NR		12	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.24	U	<	1.31	U	<	1.29	U	<	1.3	U	<	1.25	U	<	1.32	U	4.36	0.01		<	1.35	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			<	1.14	U	--			<	10	U	--		
Cyanide	41000	2	<	0.52	U	<	0.55	U	<	0.54	U	<	0.54	U	<	0.52	U	<	0.55	U	<	0.53	U	<	0.56	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			0.089	0.00011	J	--			0.622	0.00011		--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12E2-1A			SB12E2-1C			SB13A1-1A			SB13A1-1C			SB13B1-1A			SB13B1-1B			SB13C1-1A			SB13C1-1B		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/29/98			12/29/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			0'4" - 2'4"			4'4" - 6'4"			1'6" - 3'6"			5'6" - 7'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	0.076	0.005		0.001	0.008	J	<	0.005	U	<	0.005	U	0.008	0.006		<	0.006	U	0.004	0.005	J	0.001	0.004	J
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
1,1-Dichloroethane	1000	14	0.008	0.005		<	0.008	U	<	0.005	U	<	0.005	U	0.002	0.006	J	0.001	0.006	J	0.002	0.005	J	<	0.004	U
1,1-Dichloroethylene	9.5	1.4	0.014	0.005		<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
2-Butanone	1000	80	<	0.010	U	<	0.015	UJ	<	0.010	U	<	0.010	UJ	<	0.017	UJ	<	0.016	UJ	<	0.010	UJ	<	0.009	UJ
2-Hexanone	NC	NC	<	0.010	U	<	0.015	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.009	U
Acetone	1000	140	<	0.016	U	<	0.015	U	<	0.017	U	<	0.020	U	<	0.055	U	<	0.046	U	<	0.060	U	<	0.020	U
Benzene	200	0.2	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	0.001	0.005	J	<	0.004	U
Bromodichloromethane	NC	NC	<	0.005	UJ	<	0.008	UJ	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Bromoform	720	0.8	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Bromomethane	NC	NC	<	0.010	U	<	0.015	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.009	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	0.001	0.006	J	0.001	0.006	J	<	0.005	U	<	0.004	U
Carbon tetrachloride	44	1	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	UJ	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Chlorobenzene	1000	20	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Chloroethane	NC	NC	<	0.010	U	<	0.015	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.009	U
Chloroform	940	1.2	0.002	0.005	J	0.003	0.008	J	0.003	0.005	J	0.005	0.005		<	0.006	U	0.003	0.006	J	0.001	0.005	J	0.002	0.004	J
Chloromethane	NC	NC	<	0.010	U	<	0.015	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.009	U
cis-1,2-Dichloroethylene	100	14	0.002	0.005	J	<	0.008	U	<	0.005	U	<	0.005	U	0.002	0.006	J	0.002	0.006	J	0.004	0.005	J	<	0.004	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	UJ	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Methyl isobutyl ketone	1000	14	0.002	0.005	J	0.002	0.008	J	<	0.010	U	<	0.010	U	0.001	0.006	J	<	0.012	U	<	0.010	U	<	0.009	U
Methylene chloride	760	1	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Styrene	1000	20	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Tetrachloroethylene	110	1	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	0.027	0.006		<	0.006	U	0.068	0.005		0.012	0.004	
Toluene	1000	67	0.001	0.005	J	0.001	0.008	J	<	0.005	U	<	0.005	U	0.001	0.006	J	0.001	0.006	J	0.001	0.005	J	<	0.004	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.005	U	<	0.004	U
Trichloroethylene	520	1	0.006	0.005		<	0.008	U	0.009	0.005		0.001	0.005	J	0.006	0.006		<	0.006	U	0.004	0.005	J	0.001	0.004	J
Vinyl acetate	NC	NC	<	0.010	U	<	0.015	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.009	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.015	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.010	U	<	0.009	U
Xylenes, Total	1000	19.5	<	0.005	U	<	0.008	U	<	0.005	U	<	0.005	U	0.000	0.006	J	<	0.006	U	0.000	0.005	J	<	0.004	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12E2-1A			SB12E2-1C			SB13A1-1A			SB13A1-1C			SB13B1-1A			SB13B1-1B			SB13C1-1A			SB13C1-1B		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/29/98			12/29/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			0'4" - 2'4"			4'4" - 6'4"			1'6" - 3'6"			5'6" - 7'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
1,2-Dichlorobenzene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
1,3-Dichlorobenzene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
1,4-Dichlorobenzene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
2,4,5-Trichlorophenol	NC	NC	<	28	U	<	27.6	U	<	1.9	U	<	1.8	U	<	27.9	U	<	9.9	U	<	27	U	<	28.8	U
2,4,6-Trichlorophenol	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
2,4-Dichlorophenol	2500	4	<	10.1	U	<	9.97	U	<	0.38	U	<	0.36	U	<	10.1	U	<	10.7	U	<	9.75	U	<	10.4	U
2,4-Dimethylphenol	NC	NC	<	10.1	U	<	9.97	U	<	0.38	U	<	0.36	U	<	10.1	U	<	10.7	U	<	9.75	U	<	10.4	U
2,4-Dinitrophenol	NC	NC	<	28	U	<	27.6	U	<	1.9	U	<	1.8	U	<	27.9	U	<	29.7	U	<	27	U	<	28.8	U
2,4-Dinitrotoluene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
2,6-Dinitrotoluene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
2-Chloronaphthalene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
2-Chlorophenol	2500	7.2	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
2-Methylnaphthalene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
2-Methylphenol	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
2-Nitroaniline	NC	NC	<	28	U	<	27.6	U	<	1.9	U	<	1.8	U	<	27.9	U	<	29.7	U	<	27	U	<	28.8	U
2-Nitrophenol	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
3,3'-Dichlorobenzidine	NC	NC	<	28	U	<	27.6	U	<	0.77	U	<	0.72	U	<	27.9	U	<	29.7	U	<	27	U	<	28.8	U
3-Nitroaniline	NC	NC	<	28	U	<	27.6	U	<	1.9	U	<	1.8	U	<	27.9	U	<	29.7	U	<	27	U	<	28.8	U
4,6-Dinitro-2-methylphenol	NC	NC	<	28	U	<	27.6	U	<	1.9	U	<	1.8	U	<	27.9	U	<	29.7	U	<	27	U	<	28.8	U
4-Bromophenylphenyl ether	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
4-Chloro-3-methylphenol	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
4-Chloroaniline	NC	NC	<	28	U	<	27.6	U	<	0.38	U	<	0.36	U	<	27.9	U	<	29.7	U	<	27	U	<	28.8	U
4-Chlorophenylphenyl ether	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
4-Methylphenol	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
4-Nitroaniline	NC	NC	<	28	U	<	27.6	U	<	1.9	U	<	1.8	U	<	27.9	U	<	29.7	U	<	27	U	<	28.8	U
4-Nitrophenol	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Acenaphthene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Acenaphthylene	2500	84	<	11.1	U	<	11	U	<	0.38	U	0.002	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Anthracene	2500	400	<	11.1	U	<	11	U	<	0.38	U	0.003	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Benzo(b)fluoranthene	7.8	1	<	11.1	U	<	11	U	<	0.38	U	0.008	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Benzo(g,h,I)fluoranthene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Benzo(a)anthracene	7.8	1	<	11.1	U	<	11	U	0.004	0.38	J	0.01	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Benzo(a)pyrene	1	1	<	11.1	U	<	11	U	<	0.38	U	0.009	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Benzo(k)fluoranthene	78	1	<	11.1	U	<	11	U	<	0.38	U	0.008	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Benzoic acid	NC	NC	--			--			<	0.38	UJ	<	0.36	U	--			--			--			--		
Benzyl alcohol	NC	NC	--			--			<	0.38	U	<	0.36	U	--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Bis(2-chloroethyl) ether	5.2	2.4	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Bis(2-chloroisopropyl) ether	82	2.4	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Bis(2-ethylhexyl) phthalate	410	11	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Butylbenzyl phthalate	2500	200	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Carbazole	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12E2-1A			SB12E2-1C			SB13A1-1A			SB13A1-1C			SB13B1-1A			SB13B1-1B			SB13C1-1A			SB13C1-1B		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/29/98			12/29/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			0'4" - 2'4"			4'4" - 6'4"			1'6" - 3'6"			5'6" - 7'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	11.1	U	<	11	U	0.002	0.38	J	0.01	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Di-n-butyl phthalate	2500	140	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Di-n-octyl phthalate	2500	20	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Dibenz(a,h)anthracene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Dibenzofuran	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Diethyl phthalate	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Dimethyl phthalate	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Fluoranthene	2500	56	<	11.1	U	<	11	U	0.004	0.38	J	0.022	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Fluorene	2500	56	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Hexachlorobenzene	3.6	1	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Hexachlorobutadiene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Hexachlorocyclopentadiene	NC	NC	<	28	U	<	27.6	U	<	0.38	U	<	0.36	U	<	27.9	U	<	29.7	U	<	27	U	<	28.8	U
Hexachloroethane	410	1	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Isophorone	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
N-Nitrosodi-n-propylamine	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
N-Nitrosodiphenylamine	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Napthalene	2500	56	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Nitrobenzene	NC	NC	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Pentachlorophenol	48	1	<	28	U	<	27.6	U	<	1.9	U	<	1.8	U	<	27.9	U	<	29.7	U	<	27	U	<	28.8	U
Phenanthrene	2500	40	<	11.1	U	<	11	U	<	0.38	U	0.006	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Phenol	2500	800	<	11.1	U	<	11	U	<	0.38	U	<	0.36	U	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
Pyrene	2500	40	<	11.1	U	<	11	U	0.003	0.38	J	0.026	0.36	J	<	11.1	U	<	11.8	U	<	10.7	U	<	11.4	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.045	U	--			<	0.0457	U	--			<	0.0448	U	--			<	0.0433	U	--		
PCB 1221	NC	NC	<	0.09	U	--			<	0.0914	U	--			<	0.0897	U	--			<	0.0867	U	--		
PCB 1232	NC	NC	<	0.045	U	--			<	0.0457	U	--			<	0.0448	U	--			<	0.0433	U	--		
PCB 1242	NC	NC	<	0.09	U	--			<	0.0914	U	--			<	0.0897	U	--			<	0.0867	U	--		
PCB 1248	NC	NC	<	0.09	U	--			<	0.0914	U	--			<	0.0897	U	--			<	0.0867	U	--		
PCB 1254	NC	NC	<	0.045	U	--			<	0.0457	U	--			<	0.0448	U	--			<	0.0433	U	--		
PCB 1260	NC	NC	0.02	NR		--			<	0.0457	U	--			<	0.0448	U	--			0.051	NR		--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			<	11.4	U	--			115	NR		--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB12E2-1A			SB12E2-1C			SB13A1-1A			SB13A1-1C			SB13B1-1A			SB13B1-1B			SB13C1-1A			SB13C1-1B		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/29/98			12/29/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			0'4" - 2'4"			4'4" - 6'4"			1'6" - 3'6"			5'6" - 7'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	7910	NR		3020	NR		8670	NR		4340	NR		9150	NR		11600	NR		8910	NR		8530	NR	
Antimony	8200	0.06	<	11.2	U	<	11.1	U	<	11.4	U	<	11	U	<	11.2	U	<	11.9	U	<	10.8	U	<	11.5	U
Arsenic	10	0.5	3.33	NR		<	1.12	U	3.12	NR		0.805	NR	J	5.77	NR		5.83	NR		4.19	NR		12	NR	
Barium	140000	10	24.8	NR		11.5	NR		17.1	NR		12.1	NR		59.4	NR		40.1	NR		49.9	NR		67.4	NR	
Beryllium	2	0.04	0.303	NR	J	0.142	NR	J	0.462	NR	J	0.184	NR	J	0.441	NR	J	0.529	NR	J	0.344	NR	J	0.334	NR	J
Cadmium	1000	0.05	<	1.12	U	<	1.11	U	<	1.14	U	<	1.1	U	1.78	NR		<	1.19	U	0.783	NR	J	2.03	NR	
Calcium	NC	NC	2080	NR		679	NR		912	NR		667	NR		1210	NR		879	NR		2740	NR		5590	NR	
Chromium	51000	0.5	10.7	NR		5.77	NR		7.4	NR		7.11	NR		17.6	NR		10.8	NR		36.6	NR		56.6	NR	
Cobalt	NC	NC	5.38	NR		1.98	NR	J	3.31	NR		4.29	NR		7.84	NR		4.21	NR		5.29	NR		5.8	NR	
Copper	76000	13	15.5	NR		7.52	NR		8.69	NR		7.82	NR		26.3	NR		13.6	NR		27.3	NR		30.8	NR	
Iron	NC	NC	14600	NR		5770	NR		10200	NR		6790	NR		16400	NR		12800	NR		14800	NR		17700	NR	
Lead	1000	0.15	11	NR		2.19	NR		11.9	NR		4.85	NR		33.8	NR		26.9	NR		47.3	NR		30.1	NR	
Magnesium	NC	NC	2970	NR		1270	NR		1730	NR		1610	NR		2620	NR		2010	NR		2890	NR		2790	NR	
Manganese	NC	NC	180	NR		112	NR		235	NR		101	NR		746	NR		217	NR		257	NR		851	NR	
Mercury	610	0.02	<	0.112	U	<	0.111	U	<	0.114	U	<	0.11	U	0.0972	NR	J	0.184	NR		0.0881	NR	J	0.0464	NR	J
Nickel	7500	1	10.2	NR		4.72	NR	J	6.15	NR		5.65	NR		16.1	NR		6.94	NR		13.6	NR		14.6	NR	
Potassium	NC	NC	490	NR	J	456	NR	J	285	NR	J	540	NR	J	591	NR		406	NR	J	1060	NR		888	NR	
Selenium	10000	0.5	<	1.12	U	<	1.11	U	<	1.14	U	<	1.1	U	<	1.12	U	<	1.19	U	<	1.08	U	<	1.15	U
Silver	10000	0.36	<	2.25	U	<	2.21	U	<	2.29	U	<	2.21	U	2	NR		<	2.39	U	<	2.17	U	<	2.31	U
Sodium	NC	NC	174	NR		97.5	NR	J	102	NR	J	66.6	NR		65.7	NR	J	133	NR		166	NR		135	NR	
Thallium	160	0.05	<	1.12	U	<	1.11	U	<	1.14	U	<	1.1	U	<	1.12	U	<	1.19	U	<	1.08	U	<	1.15	U
Vanadium	14000	0.5	24.7	NR		7.8	NR		11.8	NR		11.1	NR		18	NR		15.8	NR		22	NR		51.5	NR	
Zinc	610000	50	34.6	NR		11.6	NR		29	NR		18	NR		117	NR		36.8	NR		92	NR		61.9	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	1.24	0.01		1.27	0.01		<	1.37	U	<	1.33	U	<	1.35	U	<	1.43	U	<	1.3	U	<	1.39	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			9	NR		--			7	NR		--			--			--		
Cyanide	41000	2	<	0.56	U	<	0.55	U	<	0.57	U	<	0.55	U	<	0.56	U	<	0.6	U	<	0.54	U	<	0.58	U
Total Organic Carbon (TOC)	NC	NC	--			--			1.02	0.00011		--			0.702	0.00011		--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13C1-1B			SB13D1-1A			SB13D1-1A			SB13D1-1C			SB13D1-2A			SB13D1-2C			SB13D1-3A			SB13D1-3C		
Collect Date	ICC	PMC	12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			2'6" - 4'6"			1' - 3'			1' - 3'			5' - 7'			1' - 3'			5' - 7'			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	--			0.310	1.800	J	--			0.019	0.004		<	0.005	U	<	0.005	U	0.003	0.005	J	<	23.000	U
1,1,2,2-Tetrachloroethane	220	0.1	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	21.000	0.000	J
1,1,2-Trichloroethane	100	1	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
1,1-Dichloroethane	1000	14	--			0.110	1.800	J	--			0.005	0.004		<	0.005	U	<	0.005	U	0.006	0.005		<	23.000	U
1,1-Dichloroethylene	9.5	1.4	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
1,2-Dichloroethane	63	0.2	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	UJ	<	23.000	U
1,2-Dichloropropane	84	1	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
2-Butanone	1000	80	--			<	1.800	U	--			<	0.009	UJ	<	0.010	U	0.005	0.005	J	0.120	0.005		<	23.000	UJ
2-Hexanone	NC	NC	--			<	1.800	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.009	U	<	23.000	U
Acetone	1000	140	--			<	1.800	U	--			<	0.023	U	<	0.017	U	<	0.015	U	0.280	0.005	J	<	23.000	U
Benzene	200	0.2	--			<	1.800	U	--			0.001	0.004	J	<	0.005	U	0.001	0.005	J	0.001	0.005	J	<	23.000	U
Bromodichloromethane	NC	NC	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
Bromoform	720	0.8	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
Bromomethane	NC	NC	--			<	1.800	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.009	U	<	23.000	U
Carbon disulfide	NC	NC	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	0.001	0.005	J	<	23.000	U
Carbon tetrachloride	44	1	--			0.083	1.800	J	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	UJ	<	23.000	U
Chlorobenzene	1000	20	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
Chloroethane	NC	NC	--			<	1.800	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.009	U	<	23.000	U
Chloroform	940	1.2	--			<	1.800	U	--			0.004	0.004		0.003	0.005	J	0.003	0.005	J	0.002	0.005	J	<	23.000	U
Chloromethane	NC	NC	--			<	1.800	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.009	U	<	23.000	U
cis-1,2-Dichloroethylene	100	14	--			<	1.800	U	--			0.002	0.004	J	<	0.005	U	<	0.005	U	0.002	0.005	J	<	23.000	U
cis-1,3-Dichloropropene	NC	NC	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
Dibromochloromethane	68	0.1	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
Ethylbenzene	1000	10.1	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	1.100	0.000	J
Methyl isobutyl ketone	1000	14	--			<	1.800	U	--			<	0.009	U	0.007	0.005	J	0.001	0.005	J	0.005	0.005	J	<	23.000	U
Methylene chloride	760	1	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
Styrene	1000	20	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
Tetrachloroethylene	110	1	--			<	1.800	U	--			0.001	0.004	J	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
Toluene	1000	67	--			0.450	1.800	J	--			0.001	0.004	J	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
trans-1,2-Dichloroethylene	1000	20	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
trans-1,3-Dichloropropene	NC	NC	--			<	1.800	U	--			<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	23.000	U
Trichloroethylene	520	1	--			11.000	1.800		--			0.068	0.004		<	0.005	U	<	0.005	U	0.001	0.005	J	<	23.000	U
Vinyl acetate	NC	NC	--			<	1.800	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.009	U	<	23.000	U
Vinyl chloride	3	0.4	--			<	1.800	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.009	U	<	23.000	U
Xylenes, Total	1000	19.5	--			<	1.800	U	--			0.000	0.004	J	0.001	0.005	J	0.000	0.005	J	0.001	0.005	J	<	23.000	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13C1-1B			SB13D1-1A			SB13D1-1A			SB13D1-1C			SB13D1-2A			SB13D1-2C			SB13D1-3A			SB13D1-3C		
Collect Date	ICC	PMC	12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			2'6" - 4'6"			1' - 3'			1' - 3'			5' - 7'			1' - 3'			5' - 7'			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
1,2-Dichlorobenzene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
1,3-Dichlorobenzene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
1,4-Dichlorobenzene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
2,4,5-Trichlorophenol	NC	NC	--			<	26.7	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
2,4,6-Trichlorophenol	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
2,4-Dichlorophenol	2500	4	--			<	9.67	U	--			<	9.72	U	<	9.83	U	<	9	U	<	10	U	<	10.4	U
2,4-Dimethylphenol	NC	NC	--			<	9.67	U	--			<	9.72	U	<	9.83	U	<	9	U	<	10	U	<	10.4	U
2,4-Dinitrophenol	NC	NC	--			<	9.9	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
2,4-Dinitrotoluene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
2,6-Dinitrotoluene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
2-Chloronaphthalene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
2-Chlorophenol	2500	7.2	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
2-Methylnaphthalene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
2-Methylphenol	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
2-Nitroaniline	NC	NC	--			<	26.7	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
2-Nitrophenol	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
3,3'-Dichlorobenzidine	NC	NC	--			<	26.7	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
3-Nitroaniline	NC	NC	--			<	26.7	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
4,6-Dinitro-2-methylphenol	NC	NC	--			<	26.7	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
4-Bromophenylphenyl ether	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
4-Chloro-3-methylphenol	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
4-Chloroaniline	NC	NC	--			<	26.7	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
4-Chlorophenylphenyl ether	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
4-Methylphenol	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
4-Nitroaniline	NC	NC	--			<	26.7	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
4-Nitrophenol	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Acenaphthene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Acenaphthylene	2500	84	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Anthracene	2500	400	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Benzo(b)fluoranthene	7.8	1	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Benzo(g,h,I)fluoranthene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Benzo(a)anthracene	7.8	1	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Benzo(a)pyrene	1	1	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Benzo(k)fluoranthene	78	1	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Bis(2-chloroethyl) ether	5.2	2.4	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Bis(2-chloroisopropyl) ether	82	2.4	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Bis(2-ethylhexyl) phthalate	410	11	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Butylbenzyl phthalate	2500	200	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Carbazole	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13C1-1B			SB13D1-1A			SB13D1-1A			SB13D1-1C			SB13D1-2A			SB13D1-2C			SB13D1-3A			SB13D1-3C		
Collect Date	ICC	PMC	12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			2'6" - 4'6"			1' - 3'			1' - 3'			5' - 7'			1' - 3'			5' - 7'			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Di-n-butyl phthalate	2500	140	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Di-n-octyl phthalate	2500	20	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Dibenz(a,h)anthracene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Dibenzofuran	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Diethyl phthalate	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Dimethyl phthalate	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Fluoranthene	2500	56	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Fluorene	2500	56	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Hexachlorobenzene	3.6	1	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Hexachlorobutadiene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Hexachlorocyclopentadiene	NC	NC	--			<	26.7	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
Hexachloroethane	410	1	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Indeno(1,2,3-C,D)pyrene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Isophorone	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
N-Nitrosodi-n-propylamine	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
N-Nitrosodiphenylamine	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Napthalene	2500	56	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Nitrobenzene	NC	NC	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Pentachlorophenol	48	1	--			<	26.7	U	--			<	26.9	U	<	27.2	U	<	24.9	U	<	27.7	U	<	28.8	U
Phenanthrene	2500	40	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Phenol	2500	800	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
Pyrene	2500	40	--			<	10.6	U	--			<	10.7	U	<	10.8	U	<	9.9	U	<	11	U	<	11.4	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.043	U	--			--			<	0.0437	U	--			<	0.0444	U	--		
PCB 1221	NC	NC	--			<	0.0859	U	--			--			<	0.0873	U	--			<	0.0889	U	--		
PCB 1232	NC	NC	--			<	0.043	U	--			--			<	0.0437	U	--			<	0.0444	U	--		
PCB 1242	NC	NC	--			<	0.0859	U	--			--			<	0.0873	U	--			<	0.0889	U	--		
PCB 1248	NC	NC	--			<	0.0859	U	--			--			<	0.0873	U	--			<	0.0889	U	--		
PCB 1254	NC	NC	--			0.044	NR		--			--			<	0.0437	U	--			<	0.0444	U	--		
PCB 1260	NC	NC	--			<	0.043	U	--			--			<	0.0437	U	--			<	0.0444	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			<	10.9	U	--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13C1-1B			SB13D1-1A			SB13D1-1A			SB13D1-1C			SB13D1-2A			SB13D1-2C			SB13D1-3A			SB13D1-3C		
Collect Date	ICC	PMC	12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			2'6" - 4'6"			1' - 3'			1' - 3'			5' - 7'			1' - 3'			5' - 7'			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	--			15000	NR		--			9370	NR		6710	NR		5270	NR		9320	NR		3800	NR	
Antimony	8200	0.06	--			255	0.01		--			13.3	0.01		<	10.9	U	<	10	U	<	11.1	U	<	11.6	U
Arsenic	10	0.5	<	0.5	U	17	NR		<	0.5	U	6.66	NR		2.55	NR		2.05	NR		4.45	NR		1.32	NR	
Barium	140000	10	--			160	NR		--			81.4	NR		22.2	NR		16	NR		35.9	NR		8.54	NR	
Beryllium	2	0.04	--			0.303	NR	J	--			0.212	NR	J	0.303	NR	J	0.244	NR	J	0.43	NR	J	0.179	NR	J
Cadmium	1000	0.05	--			40.9	NR		--			17.4	NR		<	1.09	U	<	1	U	<	1.11	U	<	1.16	U
Calcium	NC	NC	--			1740	NR		--			7400	NR		648	NR		544	NR		1320	NR		853	NR	
Chromium	51000	0.5	--			34.9	NR		--			31.6	NR		7.31	NR		6.06	NR		10	NR		8.56	NR	
Cobalt	NC	NC	--			4.51	NR		--			7.53	NR		3.92	NR		3.16	NR		4.81	NR		2.34	NR	
Copper	76000	13	--			258	NR		--			87.3	NR		8.72	NR		8.36	NR		11.7	NR		27.7	NR	
Iron	NC	NC	--			13200	NR		--			16700	NR		9280	NR		7720	NR		11500	NR		6110	NR	
Lead	1000	0.15	--			4000	NR		--			326	NR		5.19	NR		5.63	NR		11.9	NR		8.1	NR	
Magnesium	NC	NC	--			2250	NR		--			3500	NR		1840	NR		1530	NR		2030	NR		1450	NR	
Manganese	NC	NC	--			272	NR		--			213	NR		94.3	NR		97.5	NR		235	NR		65.8	NR	
Mercury	610	0.02	--			0.68	NR		--			0.135	NR		0.0332	NR	J	<	0.1	U	0.126	NR		<	0.116	U
Nickel	7500	1	--			15.2	NR		--			9.26	NR		7.59	NR		5.65	NR		7.44	NR		4.2	NR	J
Potassium	NC	NC	--			444	NR	J	--			284	NR	J	407	NR	J	<	500	U	502	NR	J	583	NR	
Selenium	10000	0.5	--			<	1.07	U	--			<	1.08	U	<	1.09	U	<	1	U	<	1.11	U	<	1.16	U
Silver	10000	0.36	--			1.58	NR		--			<	2.16	U	<	2.18	U	<	2	U	<	2.22	U	<	2.31	U
Sodium	NC	NC	--			183	NR		--			628	NR		53	NR		47.6	NR	J	65.2	NR	J	67.8	NR	J
Thallium	160	0.05	--			<	1.07	U	--			<	1.08	U	<	1.09	U	<	1	U	<	1.11	U	<	1.16	U
Vanadium	14000	0.5	--			17.8	NR		--			37.4	NR		10.4	NR		8.63	NR		13.5	NR		11.2	NR	
Zinc	610000	50	--			8580	NR		--			867	NR		20.5	NR		17.4	NR		29.3	NR		25.8	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			65.3	0.01		--			4.64	0.01		<	1.31	U	<	1.2	U	<	1.33	U	<	1.39	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			4	NR		--			--			--		
Cyanide	41000	2	--			0.928	0.00011		--			0.55	0.00011		<	0.55	U	<	0.63	U	<	0.56	U	<	0.58	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			0.298	0.00011		--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13E1-1A			SB13E1-1B			SB13E1-1C			SB13F1-1A			SB13F1-1C			SB13G1-1A			SB13G1-1C			SB13H1-1A		
Collect Date	ICC	PMC	12/14/98			12/14/98			12/14/98			12/28/98			12/28/98			12/29/98			12/29/98			12/28/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'9" - 2'9"			4'9" - 6'9"			1' - 3'			5' - 7'			0'9" - 2'9"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
1,1-Dichloroethane	1000	14	0.004	0.005	J	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
1,2-Dichloropropane	84	1	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
2-Butanone	1000	80	<	0.010	UJ	<	2.600	UJ	--			<	0.011	UJ	<	0.013	U	<	0.010	UJ	<	0.010	UJ	<	0.016	UJ
2-Hexanone	NC	NC	<	0.010	U	<	2.600	U	--			<	0.011	U	0.001	0.006	J	<	0.010	U	<	0.010	U	<	0.016	U
Acetone	1000	140	<	0.031	U	<	2.600	U	--			0.021	0.006		<	0.015	U	0.010	0.005		<	0.011	U	0.016	0.008	
Benzene	200	0.2	0.002	0.005	J	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Bromodichloromethane	NC	NC	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Bromoform	720	0.8	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Bromomethane	NC	NC	<	0.010	U	<	2.600	U	--			<	0.011	U	<	0.013	U	<	0.010	U	<	0.010	U	<	0.016	U
Carbon disulfide	NC	NC	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Carbon tetrachloride	44	1	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	UJ	<	0.005	UJ	<	0.005	UJ	<	0.008	U
Chlorobenzene	1000	20	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Chloroethane	NC	NC	<	0.010	U	<	2.600	U	--			<	0.011	U	<	0.013	U	<	0.010	U	<	0.010	U	<	0.016	U
Chloroform	940	1.2	0.003	0.005	J	<	2.600	U	--			0.003	0.006	J	0.003	0.006	J	0.004	0.005	J	0.004	0.005	J	0.004	0.008	J
Chloromethane	NC	NC	<	0.010	U	<	2.600	U	--			<	0.011	U	<	0.013	U	<	0.010	U	<	0.010	U	<	0.016	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Dibromochloromethane	68	0.1	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	UJ	<	0.005	UJ	<	0.008	U
Ethylbenzene	1000	10.1	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Methyl isobutyl ketone	1000	14	0.002	0.005	J	<	2.600	U	--			0.002	0.006	J	0.004	0.006	J	0.001	0.005	J	0.003	0.005	J	0.003	0.008	J
Methylene chloride	760	1	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Styrene	1000	20	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Tetrachloroethylene	110	1	0.001	0.005	J	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Toluene	1000	67	0.002	0.005	J	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U
Trichloroethylene	520	1	0.002	0.005	J	<	2.600	U	--			<	0.006	U	0.000	0.006	J	0.001	0.005	J	0.002	0.005	J	<	0.008	U
Vinyl acetate	NC	NC	<	0.010	U	<	2.600	U	--			<	0.011	U	<	0.013	U	<	0.010	U	<	0.010	U	<	0.016	U
Vinyl chloride	3	0.4	<	0.010	U	<	2.600	U	--			<	0.011	U	<	0.013	U	<	0.010	U	<	0.010	U	<	0.016	U
Xylenes, Total	1000	19.5	0.001	0.005	J	<	2.600	U	--			<	0.006	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.008	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13E1-1A			SB13E1-1B			SB13E1-1C			SB13F1-1A			SB13F1-1C			SB13G1-1A			SB13G1-1C			SB13H1-1A		
Collect Date	ICC	PMC	12/14/98			12/14/98			12/14/98			12/28/98			12/28/98			12/29/98			12/29/98			12/28/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'9" - 2'9"			4'9" - 6'9"			1' - 3'			5' - 7'			0'9" - 2'9"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
1,2-Dichlorobenzene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
1,3-Dichlorobenzene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
1,4-Dichlorobenzene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
2,4,5-Trichlorophenol	NC	NC	<	27	U	--			<	27.1	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U
2,4,6-Trichlorophenol	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
2,4-Dichlorophenol	2500	4	<	9.77	U	--			<	9.78	U	<	0.35	U	<	0.35	U	<	0.34	U	<	0.35	U	<	0.35	U
2,4-Dimethylphenol	NC	NC	<	9.77	U	--			<	9.78	U	<	0.35	U	<	0.35	U	<	0.34	U	<	0.35	U	<	0.35	U
2,4-Dinitrophenol	NC	NC	<	27	U	--			<	27.1	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U
2,4-Dinitrotoluene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
2,6-Dinitrotoluene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
2-Chloronaphthalene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
2-Chlorophenol	2500	7.2	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
2-Methylnaphthalene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
2-Methylphenol	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
2-Nitroaniline	NC	NC	<	27	U	--			<	27.1	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U
2-Nitrophenol	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
3,3'-Dichlorobenzidine	NC	NC	<	27	U	--			<	27.1	U	<	0.69	U	<	0.75	U	<	0.69	U	<	0.69	U	<	0.71	U
3-Nitroaniline	NC	NC	<	27	U	--			<	27.1	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U
4,6-Dinitro-2-methylphenol	NC	NC	<	27	U	--			<	27.1	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U
4-Bromophenylphenyl ether	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
4-Chloro-3-methylphenol	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
4-Chloroaniline	NC	NC	<	27	U	--			<	27.1	U	<	0.35	U	<	0.38	U	<	0.35	U	<	0.35	U	<	0.35	U
4-Chlorophenylphenyl ether	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
4-Methylphenol	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
4-Nitroaniline	NC	NC	<	27	U	--			<	27.1	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U
4-Nitrophenol	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Acenaphthene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.012	0.34	J	<	0.35	U	<	0.35	U
Acenaphthylene	2500	84	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Anthracene	2500	400	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.025	0.34	J	<	0.35	U	<	0.35	U
Benzo(b)fluoranthene	7.8	1	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.022	0.34	J	<	0.35	U	<	0.35	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.021	0.34	J	<	0.35	U	<	0.35	U
Benzo(a)anthracene	7.8	1	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.038	0.34	J	<	0.35	U	<	0.35	U
Benzo(a)pyrene	1	1	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.023	0.34	J	<	0.35	U	<	0.35	U
Benzo(k)fluoranthene	78	1	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.025	0.34	J	<	0.35	U	<	0.35	U
Benzoic acid	NC	NC	--			--			--			<	0.35	UJ	<	0.38	UJ	<	0.34	U	<	0.35	U	<	0.35	UJ
Benzyl alcohol	NC	NC	--			--			--			<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Bis(2-chloroethoxy) methane	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Butylbenzyl phthalate	2500	200	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Carbazole	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.015	0.34	J	<	0.35	U	<	0.35	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13E1-1A			SB13E1-1B			SB13E1-1C			SB13F1-1A			SB13F1-1C			SB13G1-1A			SB13G1-1C			SB13H1-1A		
Collect Date	ICC	PMC	12/14/98			12/14/98			12/14/98			12/28/98			12/28/98			12/29/98			12/29/98			12/28/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'9" - 2'9"			4'9" - 6'9"			1' - 3'			5' - 7'			0'9" - 2'9"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.034	0.34	J	<	0.35	U	<	0.35	U
Di-n-butyl phthalate	2500	140	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Di-n-octyl phthalate	2500	20	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Dibenz(a,h)anthracene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.007	0.34	J	<	0.35	U	<	0.35	U
Dibenzofuran	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.005	0.34	J	<	0.35	U	<	0.35	U
Diethyl phthalate	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Dimethyl phthalate	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Fluoranthene	2500	56	<	10.7	U	--			<	10.8	U	0.004	0.35	J	<	0.38	U	0.12	0.34	J	0.004	0.00000011	J	<	0.35	U
Fluorene	2500	56	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.013	0.34	J	<	0.35	U	<	0.35	U
Hexachlorobenzene	3.6	1	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Hexachlorobutadiene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Hexachlorocyclopentadiene	NC	NC	<	27	U	--			<	27.1	U	<	0.35	U	<	0.38	U	<	0.35	U	<	0.35	U	<	0.35	U
Hexachloroethane	410	1	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.015	0.34	J	<	0.35	U	<	0.35	U
Isophorone	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
N-Nitrosodiphenylamine	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Napthalene	2500	56	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	0.002	0.34	J	<	0.35	U	<	0.35	U
Nitrobenzene	NC	NC	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Pentachlorophenol	48	1	<	27	U	--			<	27.1	U	<	1.7	U	<	1.8	U	<	1.7	U	<	1.7	U	<	1.7	U
Phenanthrene	2500	40	<	10.7	U	--			<	10.8	U	0.004	0.35	J	<	0.38	U	0.1	0.34	J	<	0.35	U	<	0.35	U
Phenol	2500	800	<	10.7	U	--			<	10.8	U	<	0.35	U	<	0.38	U	<	0.34	U	<	0.35	U	<	0.35	U
Pyrene	2500	40	<	10.7	U	--			<	10.8	U	0.007	0.35	J	<	0.38	U	0.096	0.34	J	0.004	0.00000011	J	<	0.35	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0434	U	--			--			<	0.0424	U	--			<	0.0412	U	--			<	0.042	U
PCB 1221	NC	NC	<	0.0869	U	--			--			<	0.0847	U	--			<	0.0825	U	--			<	0.084	U
PCB 1232	NC	NC	<	0.0434	U	--			--			<	0.0424	U	--			<	0.0412	U	--			<	0.042	U
PCB 1242	NC	NC	<	0.0869	U	--			--			<	0.0847	U	--			<	0.0825	U	--			<	0.084	U
PCB 1248	NC	NC	<	0.0869	U	--			--			<	0.0847	U	--			<	0.0825	U	--			<	0.084	U
PCB 1254	NC	NC	<	0.0434	U	--			--			<	0.0424	U	--			<	0.0412	U	--			<	0.042	U
PCB 1260	NC	NC	<	0.0434	U	--			--			0.038	NR		--			<	0.0412	U	--			<	0.042	U
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	<	10.9	U	--			--			306	NR		--			<	10.3	U	--			<	10.5	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13E1-1A			SB13E1-1B			SB13E1-1C			SB13F1-1A			SB13F1-1C			SB13G1-1A			SB13G1-1C			SB13H1-1A		
Collect Date	ICC	PMC	12/14/98			12/14/98			12/14/98			12/28/98			12/28/98			12/29/98			12/29/98			12/28/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'9" - 2'9"			4'9" - 6'9"			1' - 3'			5' - 7'			0'9" - 2'9"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	6720	NR		--			3010	NR		4320	NR		3750	NR		3500	NR		20.8	NR		3800	NR	
Antimony	8200	0.06	<	10.9	U	--			<	10.9	U	<	10.6	U	<	11.1	U	<	10.3	U	<	10.4	U	<	10.5	U
Arsenic	10	0.5	4.6	NR		--			0.57	NR		1.37	NR		1.92	NR		0.588	NR	J	3550	NR		1.05	NR	
Barium	140000	10	23.1	NR		--			8.06	NR		14.9	NR		8.24	NR		12.2	NR		11.8	NR		10.1	NR	
Beryllium	2	0.04	0.296	NR	J	--			0.148	NR	J	0.195	NR	J	0.139	NR	J	0.178	NR	J	0.173	NR	J	0.169	NR	J
Cadmium	1000	0.05	<	1.09	U	--			<	1.09	U	<	1.06	U	<	1.11	U	<	1.03	U	<	1.04	U	<	1.05	U
Calcium	NC	NC	3240	NR		--			965	NR		5900	NR		791	NR		507	NR		561	NR		2220	NR	
Chromium	51000	0.5	24.3	NR		--			4.65	NR		5.71	NR		3.99	NR		5.67	NR		5.59	NR		4.77	NR	
Cobalt	NC	NC	4.31	NR		--			2.45	NR		2.67	NR		0.824	NR	J	2.76	NR		2.23	NR		2.56	NR	
Copper	76000	13	16.4	NR		--			8.91	NR		9.57	NR		5.8	NR		6.37	NR		6.97	NR		6.4	NR	
Iron	NC	NC	11700	NR		--			5440	NR		7200	NR		5140	NR		5880	NR		5970	NR		6270	NR	
Lead	1000	0.15	12.3	NR		--			3.28	NR		6.57	NR		1.71	NR		3.03	NR		3.35	NR		3.31	NR	
Magnesium	NC	NC	109	NR		--			1180	NR		1620	NR		1070	NR		1200	NR		1360	NR		1180	NR	
Manganese	NC	NC	258	NR		--			52.1	NR		125	NR		92.4	NR		102	NR		88.3	NR		101	NR	
Mercury	610	0.02	<	0.109	U	--			<	0.109	U	<	0.106	U	<	0.111	U	<	0.103	U	<	0.104	U	<	0.105	U
Nickel	7500	1	9.25	NR		--			5.05	NR		5.23	NR	J	4.69	NR	J	4	NR	J	5.32	NR		4.41	NR	J
Potassium	NC	NC	538	NR	J	--			619	NR		496	NR	J	475	NR	J	515	NR	J	434	NR	J	275	NR	J
Selenium	10000	0.5	<	1.09	U	--			<	1.09	U	<	1.06	U	<	1.11	U	<	1.03	U	<	1.04	U	<	1.05	U
Silver	10000	0.36	<	2.17	U	--			<	2.17	U	<	2.12	U	<	2.21	U	<	2.06	U	<	2.08	U	<	2.1	U
Sodium	NC	NC	63.7	NR	J	--			63.7	NR		178	NR		124	NR		62.1	NR	J	62.8	NR	J	53.2	NR	J
Thallium	160	0.05	<	1.09	U	--			<	1.09	U	<	1.06	U	<	1.11	U	<	1.03	U	<	1.04	U	<	1.05	U
Vanadium	14000	0.5	20.6	NR		--			7.17	NR		9.06	NR		5.36	NR		7.61	NR		7.23	NR		7.32	NR	
Zinc	610000	50	28.2	NR		--			16	NR		35.3	NR		11.5	NR		13.5	NR		16	NR		15	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.3	U	--			<	1.3	U	<	1.27	U	<	1.33	U	<	1.24	U	<	1.25	U	<	1.26	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	4	NR		--			--			2	NR		--			1	NR		--			2	NR	
Cyanide	41000	2	<	0.54	U	--			<	0.54	U	<	0.53	U	<	0.55	U	<	0.52	U	<	0.52	U	<	0.53	U
Total Organic Carbon (TOC)	NC	NC	0.126	0.00011		--			--			0.06	0.00011	J	--			<	0.1	U	--			<	0.11	U

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13H1-1C			SB13I1-1A			SB13I1-1C			SB13J1-1A			SB13J1-1C			SB13J1-2A			SB13J1-2C			SB14A2-1A		
Collect Date	ICC	PMC	12/28/98			12/10/98			12/10/98			12/21/98			12/21/98			12/14/98			12/14/98			12/7/98		
Sample Interval			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'6" - 2'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	0.002	0.005	J	0.002	0.004	J	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.006	U	<	0.005	U	<	0.005	U	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
2-Butanone	1000	80	<	0.011	UJ	<	0.009	UJ	<	0.011	UJ	0.015	0.005		<	0.010	UJ	<	0.010	UJ	<	0.009	UJ	<	0.010	UJ
2-Hexanone	NC	NC	<	0.011	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U
Acetone	1000	140	0.011	0.006		<	0.013	U	<	0.012	U	<	0.042	U	<	0.010	U	<	0.042	U	<	0.028	U	<	0.010	U
Benzene	200	0.2	<	0.006	U	<	0.005	U	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	UJ
Bromoform	720	0.8	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
Bromomethane	NC	NC	<	0.011	U	<	0.009	U	<	0.011	U	0.005	0.005	J	<	0.010	U	<	0.010	UJ	<	0.009	U	<	0.010	U
Carbon disulfide	NC	NC	0.001	0.006	J	<	0.005	U	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
Carbon tetrachloride	44	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	0.004	U	<	0.005	UJ
Chlorobenzene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
Chloroethane	NC	NC	<	0.011	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U
Chloroform	940	1.2	0.003	0.006	J	0.002	0.005	J	0.001	0.005	J	0.002	0.005	J	0.003	0.005	J	0.003	0.005	J	0.002	0.004	J	<	0.005	U
Chloromethane	NC	NC	<	0.011	U	<	0.009	U	<	0.011	U	0.002	0.005	J	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	0.002	0.005	J	<	0.004	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
Methyl isobutyl ketone	1000	14	0.003	0.006	J	0.001	0.005	J	0.002	0.005	J	0.004	0.005	J	0.003	0.005	J	<	0.010	U	<	0.009	U	0.004	0.005	J
Methylene chloride	760	1	<	0.011	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.010	U	<	0.009	U	<	0.005	U
Styrene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.006	U	<	0.005	U	0.001	0.005	J	<	0.005	U	<	0.005	U	0.008	0.005		0.004	0.004		<	0.005	UJ
Toluene	1000	67	<	0.006	U	<	0.005	U	<	0.005	U	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.004	U	0.000	0.005	J
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U
Trichloroethylene	520	1	<	0.006	U	0.001	0.005	J	0.023	0.005		0.006	0.005		0.001	0.005	J	0.036	0.005		0.028	0.004		<	0.005	U
Vinyl acetate	NC	NC	<	0.011	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.011	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.010	U	<	0.010	UJ	<	0.009	U	<	0.010	U
Xylenes, Total	1000	19.5	<	0.006	U	<	0.005	U	<	0.005	U	0.000	0.005	J	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13H1-1C			SB13I1-1A			SB13I1-1C			SB13J1-1A			SB13J1-1C			SB13J1-2A			SB13J1-2C			SB14A2-1A		
Collect Date	ICC	PMC	12/28/98			12/10/98			12/10/98			12/21/98			12/21/98			12/14/98			12/14/98			12/7/98		
Sample Interval			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'6" - 2'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
1,2-Dichlorobenzene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
1,3-Dichlorobenzene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
1,4-Dichlorobenzene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
2,4,5-Trichlorophenol	NC	NC	<	1.7	U	<	26.5	U	<	28.5	U	<	1.8	U	<	2	U	<	26.3	U	<	27	U	<	26.5	U
2,4,6-Trichlorophenol	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
2,4-Dichlorophenol	2500	4	<	0.37	U	<	9.56	U	<	10.3	U	<	9.5	U	<	0.36	U	<	9.77	U	<	0.41	U	<	9.56	U
2,4-Dimethylphenol	NC	NC	<	0.37	U	<	9.56	U	<	10.3	U	<	9.5	U	<	0.36	U	<	9.77	U	<	0.41	U	<	9.56	U
2,4-Dinitrophenol	NC	NC	<	1.7	U	<	26.5	U	<	28.5	U	<	1.8	U	<	2	U	<	26.3	U	<	27	U	<	26.5	U
2,4-Dinitrotoluene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
2,6-Dinitrotoluene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
2-Chloronaphthalene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
2-Chlorophenol	2500	7.2	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
2-Methylnaphthalene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
2-Methylphenol	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
2-Nitroaniline	NC	NC	<	1.7	U	<	26.5	U	<	28.5	U	<	1.8	U	<	2	U	<	26.3	U	<	27	U	<	26.5	U
2-Nitrophenol	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
3,3'-Dichlorobenzidine	NC	NC	<	0.73	U	<	26.5	U	<	28.5	U	<	0.72	U	<	0.81	U	<	26.3	U	<	27	U	<	26.5	U
3-Nitroaniline	NC	NC	<	1.7	U	<	26.5	U	<	28.5	U	<	1.8	U	<	2	U	<	26.3	U	<	27	U	<	26.5	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.7	U	<	26.5	U	<	28.5	U	<	1.8	U	<	2	U	<	26.3	U	<	27	U	<	26.5	U
4-Bromophenylphenyl ether	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
4-Chloro-3-methylphenol	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	26.3	U	<	27	U	<	10.5	U
4-Chloroaniline	NC	NC	<	0.35	U	<	26.5	U	<	28.5	U	<	0.36	U	<	0.41	U	<	263	U	<	27	U	<	26.5	U
4-Chlorophenylphenyl ether	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
4-Methylphenol	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
4-Nitroaniline	NC	NC	<	1.7	U	<	26.5	U	<	28.5	U	<	1.8	U	<	2	U	<	26.3	U	<	27	U	<	26.5	U
4-Nitrophenol	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	26.3	U	<	27	U	<	10.5	U
Acenaphthene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Acenaphthylene	2500	84	<	0.37	U	<	10.5	U	<	11.3	U	0.11	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Anthracene	2500	400	<	0.37	U	<	10.5	U	<	11.3	U	0.15	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Benzo(b)fluoranthene	7.8	1	<	0.37	U	<	10.5	U	<	11.3	U	0.46	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	0.14	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Benzo(a)anthracene	7.8	1	<	0.37	U	<	10.5	U	<	11.3	U	0.34	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Benzo(a)pyrene	1	1	<	0.37	U	<	10.5	U	<	11.3	U	0.51	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Benzo(k)fluoranthene	78	1	<	0.37	U	<	10.5	U	<	11.3	U	0.39	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Benzoic acid	NC	NC	<	0.37	UJ	--			--			<	10.5	U	<	0.41	U	--			--			--		
Benzyl alcohol	NC	NC	<	0.37	U	--			--			<	10.5	U	<	0.41	U	--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Butylbenzyl phthalate	2500	200	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Carbazole	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13H1-1C			SB13I1-1A			SB13I1-1C			SB13J1-1A			SB13J1-1C			SB13J1-2A			SB13J1-2C			SB14A2-1A		
Collect Date	ICC	PMC	12/28/98			12/10/98			12/10/98			12/21/98			12/21/98			12/14/98			12/14/98			12/7/98		
Sample Interval			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'6" - 2'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	0.34	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Di-n-butyl phthalate	2500	140	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Di-n-octyl phthalate	2500	20	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Dibenz(a,h)anthracene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	0.065	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Dibenzofuran	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Diethyl phthalate	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Dimethyl phthalate	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Fluoranthene	2500	56	<	0.37	U	<	10.5	U	<	11.3	U	0.4	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Fluorene	2500	56	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Hexachlorobenzene	3.6	1	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Hexachlorobutadiene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Hexachlorocyclopentadiene	NC	NC	<	0.35	U	<	26.5	U	<	28.5	U	<	0.36	U	<	0.41	U	<	263	U	<	27	U	<	26.5	U
Hexachloroethane	410	1	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	0.18	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Isophorone	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
N-Nitrosodiphenylamine	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Napthalene	2500	56	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Nitrobenzene	NC	NC	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Pentachlorophenol	48	1	<	1.7	U	<	26.5	U	<	28.5	U	<	1.8	U	<	2	U	<	26.3	U	<	27	U	<	26.5	U
Phenanthrene	2500	40	<	0.37	U	<	10.5	U	<	11.3	U	0.044	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Phenol	2500	800	<	0.37	U	<	10.5	U	<	11.3	U	<	10.5	U	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
Pyrene	2500	40	<	0.37	U	<	10.5	U	<	11.3	U	0.48	10.5	J	<	0.41	U	<	10.5	U	<	107	U	<	10.5	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0425	U	--			<	0.0449	U	--			<	0.0422	U	--			<	0.0425	U
PCB 1221	NC	NC	--			<	0.085	U	--			<	0.0898	U	--			<	0.0845	U	--			<	0.085	U
PCB 1232	NC	NC	--			<	0.0425	U	--			<	0.0449	U	--			<	0.0422	U	--			<	0.0425	U
PCB 1242	NC	NC	--			<	0.085	U	--			<	0.0898	U	--			<	0.0845	U	--			<	0.085	U
PCB 1248	NC	NC	--			<	0.085	U	--			<	0.0898	U	--			<	0.0845	U	--			<	0.085	U
PCB 1254	NC	NC	--			<	0.0425	U	--			<	0.0845	U	--			<	0.0422	U	--			<	0.0425	U
PCB 1260	NC	NC	--			<	0.0425	U				<	0.0845	U	--			0.088	NR		--			<	0.0425	U
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			<	10.6	U	--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB13H1-1C			SB13I1-1A			SB13I1-1C			SB13J1-1A			SB13J1-1C			SB13J1-2A			SB13J1-2C			SB14A2-1A		
Collect Date	ICC	PMC	12/28/98			12/10/98			12/10/98			12/21/98			12/21/98			12/14/98			12/14/98			12/7/98		
Sample Interval			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'9" - 2'9"			4'9" - 6'9"			0'6" - 2'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	1960	NR		4810	NR	J	2400	NR		5260	NR		4000	NR		5260	NR		4260	NR		9220	NR	
Antimony	8200	0.06	<	11	U	<	10.6	U	<	11.4	U	4.43	0.01	J	<	13.3	U	4.43	0.01		<	10.9	U	<	10.6	U
Arsenic	10	0.5	<	1.11	U	1.88	NR		0.773	NR	J	1.64	NR		1.17	NR	J	1	NR		2	NR		7.08	NR	
Barium	140000	10	12.1	NR		10.4	NR		9.29	NR		57	NR		13.2	NR		57	NR		16	NR		39	NR	
Beryllium	2	0.04	0.0881	NR	J	1.06	NR	J	0.13	NR	J	0.171	NR	J	0.177	NR	J	0.171	NR	J	0.173	NR	J	0.328	NR	J
Cadmium	1000	0.05	<	1.1	U	<	1.06	U	<	1.14	U	6.54	NR		<	1.33	U	1	NR		<	1.09	U	<	1.06	U
Calcium	NC	NC	371	NR		1240	NR		484	NR		4400	NR		479	NR		4400	NR		2030	NR		1510	NR	
Chromium	51000	0.5	2.92	NR		7.87	NR		5.57	NR		28.3	NR		9.99	NR		28	NR		17	NR		27.9	NR	
Cobalt	NC	NC	1.28	NR	J	3.99	NR		2.95	NR		5.85	NR		2.75	NR		5	NR		5	NR		9.61	NR	
Copper	76000	13	6.44	NR		7.04	NR		5.99	NR		186	NR		8.28	NR		18	NR		30	NR		19	NR	
Iron	NC	NC	3930	NR		8210	NR		4220	NR		1090	NR		5640	NR		10900	NR		8180	NR		15600	NR	
Lead	1000	0.15	1.67	NR		3.36	NR		2.02	NR		1150	NR		3.24	NR		15	NR		39	NR		6.6	NR	
Magnesium	NC	NC	784	NR		1370	NR		1020	NR		2510	NR		1300	NR		2510	NR		1830	NR		5320	NR	
Manganese	NC	NC	74.4	NR		127	NR		51.4	NR		231	NR		53.3	NR		167	NR		175	NR		206	NR	
Mercury	610	0.02	<	0.11	U	<	0.106	U	<	0.114	U	0.0364	NR	J	0.16	NR		0.103	NR	J	0.16	NR	J	<	0.106	U
Nickel	7500	1	3.98	NR	J	4.86	NR	J	2.43	NR	J	8.24	NR	J	4.06	NR	J	8	NR		8	NR		19	NR	
Potassium	NC	NC	467	NR	J	472	NR	J	702	NR		472	NR	J	596	NR	J	756	NR		550	NR		2720	NR	
Selenium	10000	0.5	<	1.1	U	<	1.06	U	<	1.14	U	<	1.12	U	<	1.33	U	<	1.06	U	<	1.09	U	<	1.06	U
Silver	10000	0.36	<	2.21	U	<	2.13	U	<	2.29	U	1.76	NR	J	<	2.67	U	6	NR		2	NR		<	2.13	U
Sodium	NC	NC	53.1	NR	J	111	NR		68	NR	J	143	NR		84.8	NR	J	248	NR		109	NR		58.7	NR	J
Thallium	160	0.05	<	1.1	U	<	1.06	U	<	1.14	U	<	1.12	U	<	1.33	U	<	1.06	U	<	1.09	U	<	1.06	U
Vanadium	14000	0.5	4.13	NR		11.8	NR		5.9	NR		16.9	NR		8.49	NR		20	NR		17	NR		22.9	NR	
Zinc	610000	50	7.91	NR		13.7	NR		14.7	NR		238	NR		16.2	NR		67	NR		49	NR		38.4	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.33	U	<	1.28	UUJ	<	1.37	U	5.16	0.01		<	1.6	U	2.1	0.01		<	1.3	U	<	1.28	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			3.03	NR		--			--			--			--			--			--		
Cyanide	41000	2	<	0.55	U	<	0.53	U	<	0.57	U	<	0.53	U	<	0.67	U	<	0.53	U	<	0.54	U	<	0.53	U
Total Organic Carbon (TOC)	NC	NC	--			<	0.11	U	--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB14A2-1C			SB14A2-2A			SB14A2-2A			SB14A2-2C			SB15A1-1A			SB15A1-1C			SB16A1-1A			SB16A1-1B		
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98			12/15/98			12/15/98		
Sample Interval			4' - 6'			0'3" - 2'3"			0'3" - 2'3"			4' - 6'			0'3" - 2'3"			4'3" - 6'3"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	0.010	0.005		0.019	0.005		--			0.034	0.005		<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1-Dichloroethane	1000	14	0.002	0.005	J	0.003	0.005	J	--			0.006	0.005		<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	0.003	0.005	J	0.011	0.005		--			0.041	0.005		<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	UJ	<	0.005	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
2-Butanone	1000	80	<	0.010	U	<	0.010	UJ	--			<	0.009	UJ	<	0.012	UJ	<	0.010	UJ	<	0.013	UJ	<	0.034	UJ
2-Hexanone	NC	NC	<	0.010	U	<	0.010	U	--			<	0.009	U	<	0.012	U	<	0.010	U	<	0.013	U	<	0.010	U
Acetone	1000	140	<	0.010	U	<	0.018	U	--			<	0.015	U	<	0.012	U	<	0.010	U	<	0.022	U	<	0.110	U
Benzene	200	0.2	0.000	0.005	J	0.001	0.005	J	--			0.001	0.005	J	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	UJ	<	0.005	UJ	--			<	0.005	UJ	<	0.006	U	<	0.005	U	<	0.006	UJ	<	0.005	U
Bromoform	720	0.8	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.010	U	--			<	0.009	U	<	0.012	U	<	0.010	U	<	0.013	U	<	0.010	U
Carbon disulfide	NC	NC	<	0.005	U	0.002	0.005	J	--			0.001	0.005	J	<	0.006	U	<	0.005	U	<	0.006	UJ	<	0.005	U
Carbon tetrachloride	44	1	<	0.005	UJ	<	0.005	UJ	--			<	0.005	UJ	<	0.006	UJ	<	0.005	U	<	0.006	UJ	<	0.005	U
Chlorobenzene	1000	20	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.010	U	--			<	0.009	U	<	0.012	U	<	0.010	U	<	0.013	U	<	0.010	U
Chloroform	940	1.2	<	0.005	U	<	0.005	U	--			<	0.005	U	0.003	0.006	J	0.003	0.005	J	0.003	0.006	J	0.002	0.005	J
Chloromethane	NC	NC	<	0.010	U	<	0.010	U	--			<	0.009	U	<	0.012	U	<	0.010	U	<	0.013	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	0.002	0.005	J	0.017	0.005		--			0.027	0.005		<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.006	UJ	<	0.005	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
Methyl isobutyl ketone	1000	14	<	0.010	U	<	0.010	U	--			<	0.009	U	0.003	0.006	J	0.002	0.005	J	0.006	0.006	J	0.005	0.005	J
Methylene chloride	760	1	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
Styrene	1000	20	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.005	UJ	0.014	0.005	J	--			0.023	0.005	J	<	0.006	U	<	0.005	U	0.000	0.006	J	<	0.005	U
Toluene	1000	67	0.001	0.005	J	0.001	0.005	J	--			0.001	0.005	J	<	0.006	U	<	0.005	U	0.001	0.006	J	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	UJ	<	0.005	U
Trichloroethylene	520	1	0.003	0.005	J	0.056	0.005		--			0.083	0.005		<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U
Vinyl acetate	NC	NC	<	0.010	U	<	0.010	U	--			<	0.009	U	<	0.012	U	<	0.010	U	<	0.013	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.010	U	--			<	0.009	U	<	0.012	U	<	0.010	U	<	0.013	U	<	0.010	U
Xylenes, Total	1000	19.5	0.000	0.005	J	<	0.005	U	--			0.000	0.005	J	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB14A2-1C			SB14A2-2A			SB14A2-2A			SB14A2-2C			SB15A1-1A			SB15A1-1C			SB16A1-1A			SB16A1-1B		
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98			12/15/98			12/15/98		
Sample Interval			4' - 6'			0'3" - 2'3"			0'3" - 2'3"			4' - 6'			0'3" - 2'3"			4'3" - 6'3"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
1,2-Dichlorobenzene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
1,3-Dichlorobenzene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
1,4-Dichlorobenzene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
2,4,5-Trichlorophenol	NC	NC	<	27.2	U	<	26.3	U	--			<	29.3	U	<	1.7	U	<	1.7	U	<	0.91	U	<	1.1	U
2,4,6-Trichlorophenol	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
2,4-Dichlorophenol	2500	4	<	9.85	U	<	9.52	U	--			<	10.6	U	<	0.34	U	<	0.34	U	<	0.329	U	<	0.396	U
2,4-Dimethylphenol	NC	NC	<	9.85	U	<	9.52	U	--			<	10.6	U	<	0.34	U	<	0.34	U	<	0.329	U	<	0.396	U
2,4-Dinitrophenol	NC	NC	<	27.2	U	<	26.3	U	--			<	29.3	U	<	1.7	U	<	1.7	U	<	0.91	U	<	1.1	U
2,4-Dinitrotoluene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
2,6-Dinitrotoluene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
2-Chloronaphthalene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
2-Chlorophenol	2500	7.2	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
2-Methylnaphthalene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	0.003	0.34	J	0.005	0.34	J	<	0.362	U	<	0.436	U
2-Methylphenol	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
2-Nitroaniline	NC	NC	<	27.2	U	<	26.3	U	--			<	29.3	U	<	1.7	U	<	1.7	U	<	0.91	U	<	1.1	U
2-Nitrophenol	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
3,3'-Dichlorobenzidine	NC	NC	<	27.2	U	<	26.3	U	--			<	29.3	U	<	0.69	U	<	0.69	U	<	0.91	U	<	1.1	U
3-Nitroaniline	NC	NC	<	27.2	U	<	26.3	U	--			<	29.3	U	<	1.7	U	<	1.7	U	<	0.91	U	<	1.1	U
4,6-Dinitro-2-methylphenol	NC	NC	<	27.2	U	<	26.3	U	--			<	29.3	U	<	1.7	U	<	1.7	U	<	0.91	U	<	1.1	U
4-Bromophenylphenyl ether	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
4-Chloro-3-methylphenol	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
4-Chloroaniline	NC	NC	<	27.2	U	<	26.3	U	--			<	29.3	U	<	0.34	U	<	0.34	U	<	0.91	U	<	1.1	U
4-Chlorophenylphenyl ether	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
4-Methylphenol	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
4-Nitroaniline	NC	NC	<	27.2	U	<	26.3	U	--			<	29.3	U	<	1.7	U	<	1.7	U	<	0.91	U	<	1.1	U
4-Nitrophenol	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Acenaphthene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	0.03	0.34	J	<	0.34	U	<	0.362	U	<	0.436	U
Acenaphthylene	2500	84	<	10.8	U	<	10.5	U	--			<	11.7	U	0.019	0.34	J	0.007	0.34	J	<	0.362	U	<	0.436	U
Anthracene	2500	400	<	10.8	U	<	10.5	U	--			<	11.7	U	0.17	0.34	J	0.005	0.34	J	<	0.362	U	<	0.436	U
Benzo(b)fluoranthene	7.8	1	<	10.8	U	<	10.5	U	--			<	11.7	U	0.57	0.34		0.012	0.34	J	<	0.362	U	<	0.436	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	0.52	0.34		0.012	0.34	J	<	0.362	U	<	0.436	U
Benzo(a)anthracene	7.8	1	<	10.8	U	<	10.5	U	--			<	11.7	U	0.7	0.34		0.016	0.34	J	<	0.362	U	<	0.436	U
Benzo(a)pyrene	1	1	<	10.8	U	<	10.5	U	--			<	11.7	U	0.74	0.34		0.015	0.34	J	<	0.362	U	<	0.436	U
Benzo(k)fluoranthene	78	1	<	10.8	U	<	10.5	U	--			<	11.7	U	0.76	0.34		0.013	0.34	J	<	0.362	U	<	0.436	U
Benzoic acid	NC	NC	--			--			--			--			<	0.34	U	<	0.34	U	--			--		
Benzyl alcohol	NC	NC	--			--			--			--			<	0.34	U	<	0.34	U	--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Butylbenzyl phthalate	2500	200	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	0.018	0.34	J	<	0.362	U	<	0.436	U
Carbazole	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	0.027	0.34	J	<	0.34	U	<	0.362	U	<	0.436	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB14A2-1C			SB14A2-2A			SB14A2-2A			SB14A2-2C			SB15A1-1A			SB15A1-1C			SB16A1-1A			SB16A1-1B		
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98			12/15/98			12/15/98		
Sample Interval			4' - 6'			0'3" - 2'3"			0'3" - 2'3"			4' - 6'			0'3" - 2'3"			4'3" - 6'3"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	0.79	0.34		0.027	0.34	J	<	0.362	U	<	0.436	U
Di-n-butyl phthalate	2500	140	<	10.8	U	<	10.5	U	--			<	11.7	U	0.015	0.34	J	<	0.34	U	<	0.362	U	<	0.436	U
Di-n-octyl phthalate	2500	20	<	10.8	U	<	10.5	U	--			<	11.7	U	0.006	0.34	J	<	0.34	U	<	0.362	U	<	0.436	U
Dibenz(a,h)anthracene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	0.18	0.34	J	<	0.34	U	<	0.362	U	<	0.436	U
Dibenzofuran	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	0.009	0.34	J	0.002	0.34	J	<	0.362	U	<	0.436	U
Diethyl phthalate	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	0.007	0.34	J	0.007	0.34	J	<	0.362	U	<	0.436	U
Dimethyl phthalate	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Fluoranthene	2500	56	<	10.8	U	<	10.5	U	--			<	11.7	U	1.2	0.34		0.017	0.34	J	<	0.362	U	<	0.436	U
Fluorene	2500	56	<	10.8	U	<	10.5	U	--			<	11.7	U	0.047	0.34	J	0.003	0.34	J	<	0.362	U	<	0.436	U
Hexachlorobenzene	3.6	1	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Hexachlorobutadiene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Hexachlorocyclopentadiene	NC	NC	<	27.2	U	<	26.3	U	--			<	29.3	U	<	0.34	U	<	0.34	U	<	0.91	U	<	1.1	U
Hexachloroethane	410	1	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	0.47	0.34		<	0.34	U	<	0.362	U	<	0.436	U
Isophorone	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
N-Nitrosodiphenylamine	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Napthalene	2500	56	<	10.8	U	<	10.5	U	--			<	11.7	U	0.005	0.34	J	0.004	0.34	J	<	0.362	U	<	0.436	U
Nitrobenzene	NC	NC	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Pentachlorophenol	48	1	<	27.2	U	<	26.3	U	--			<	29.3	U	<	1.7	U	<	1.7	U	<	0.91	U	<	1.1	U
Phenanthrene	2500	40	<	10.8	U	<	10.5	U	--			<	11.7	U	0.48	0.34		0.02	0.34	J	<	0.362	U	<	0.436	U
Phenol	2500	800	<	10.8	U	<	10.5	U	--			<	11.7	U	<	0.34	U	<	0.34	U	<	0.362	U	<	0.436	U
Pyrene	2500	40	<	10.8	U	<	10.5	U	--			<	11.7	U	2.1	0.34		0.028	0.34	J	<	0.362	U	<	0.436	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0423	U	<	0.02	U	--			<	0.0416	U	--			<	0.0439	U	--		
PCB 1221	NC	NC	--			<	0.0847	U	<	0.02	U	--			<	0.0832	U	--			<	0.0877	U	--		
PCB 1232	NC	NC	--			<	0.0423	U	<	0.01	U	--			<	0.0416	U	--			<	0.0439	U	--		
PCB 1242	NC	NC	--			<	0.0847	U	<	0.01	U	--			<	0.0832	U	--			<	0.0877	U	--		
PCB 1248	NC	NC	--			<	0.0847	U	<	0.01	U	--			<	0.0832	U	--			<	0.0877	U	--		
PCB 1254	NC	NC	--			<	0.0423	U	<	0.01	U	--			<	0.0416	U	--			0.062	NR	J	--		
PCB 1260	NC	NC	--			0.228	NR		<	0.01	U	--			<	0.0416	U	--			0.032	NR	J	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			11.1	NR		--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB14A2-1C			SB14A2-2A			SB14A2-2A			SB14A2-2C			SB15A1-1A			SB15A1-1C			SB16A1-1A			SB16A1-1B		
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/7/98			12/21/98			12/21/98			12/15/98			12/15/98		
Sample Interval			4' - 6'			0'3" - 2'3"			0'3" - 2'3"			4' - 6'			0'3" - 2'3"			4'3" - 6'3"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	2120	NR		5700	NR		--			3940	NR		3550	NR		3040	NR		6140	NR		9290	NR	
Antimony	8200	0.06	<	10.9	U	<	10.6	U	--			<	11.8	U	<	10.4	U	<	10.4	U	<	11	U	<	13.2	U
Arsenic	10	0.5	0.956	NR	J	13	NR		<	0.5	U	3.05	NR		1.85	NR		1.23	NR		18.2	NR		4.55	NR	
Barium	140000	10	7.66	NR		47.6	NR		--			18.6	NR		13.6	NR		8.71	NR		13.7	NR		35.9	NR	
Beryllium	2	0.04	0.0979	NR	J	0.1	NR	J	--			0.177	NR	J	0.2	NR	J	0.185	NR	J	0.302	NR	J	0.507	NR	J
Cadmium	1000	0.05	0.471	NR	J	2.43	NR		--			1.62	NR		0.158	NR	J	<	1.04	U	0.396	NR	J	<	1.32	U
Calcium	NC	NC	579	NR		2310	NR		--			2100	NR		539	NR		523	NR		<	910	U	12200	NR	
Chromium	51000	0.5	15.3	NR		132	NR		--			80.3	NR		4.82	NR		4.34	NR		7.14	NR		8.34	NR	
Cobalt	NC	NC	1.82	NR	J	5.47	NR		--			3.82	NR		3.25	NR		2.82	NR		4.27	NR		3.71	NR	
Copper	76000	13	7.31	NR		33.7	NR		--			25.7	NR		8.92	NR		6.73	NR		11.2	NR		12.6	NR	
Iron	NC	NC	4900	NR	J	11000	NR		--			7860	NR		7470	NR		5570	NR		9270	NR		11900	NR	J
Lead	1000	0.15	2.83	NR		15.2	NR		--			6.64	NR		2.84	NR		2.43	NR		8.37	NR		16.6	NR	
Magnesium	NC	NC	977	NR		2740	NR		--			2800	NR		1400	NR		992	NR		1850	NR		2060	NR	
Manganese	NC	NC	69.2	NR		163	NR		--			112	NR		107	NR		80.4	NR		134	NR		265	NR	
Mercury	610	0.02	<	0.109	U	0.0479	NR	J	--			<	0.118	U	<	0.104	U	<	0.104	U	<	0.11	U	0.248	NR	
Nickel	7500	1	<	5.47	U	14.3	NR		--			11.8	NR		5.66	NR		4.53	NR	J	6.06	NR		9.82	NR	
Potassium	NC	NC	533	NR	J	1210	NR		--			768	NR		746	NR		474	NR		365	NR	J	<	661	U
Selenium	10000	0.5	<	1.09	U	<	1.06	U	--			<	1.18	U	<	1.04	U	<	1.04	U	<	1.1	U	<	1.32	U
Silver	10000	0.36	<	2.19	U	<	2.12	U	--			<	2.36	U	<	2.08	U	<	2.08	U	<	2.19	U	<	2.64	U
Sodium	NC	NC	53.8	NR	J	99.5	NR	J	--			65	NR	J	132	NR		118	NR		194	NR		156	NR	
Thallium	160	0.05	<	1.09	U	<	1.06	U	--			<	1.18	U	<	1.04	U	<	1.04	U	<	1.1	U	<	1.32	U
Vanadium	14000	0.5	5.95	NR		21.1	NR		--			10.7	NR		8.26	NR		7.28	NR		11.2	NR		10.5	NR	
Zinc	610000	50	10.5	NR		53.6	NR		--			40.1	NR		13.4	NR		10.6	NR		41.2	NR		38.2	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.31	U	<	1.27	U	--			<	1.41	U	<	1.25	U	<	1.25	U	<	1.32	U	<	1.59	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			1	NR		--			--			--		
Cyanide	41000	2	<	0.55	U	<	0.53	U	--			<	0.59	U	<	0.52	U	<	0.52	U	<	0.55	U	<	0.66	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			0.07	0.00011	J	--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16A1-2A			SB16A1-2B			SB16A1-3A			SB16A1-3B			SB16A1-4A			SB16A1-4B			SB16B1-1A			SB16B1-1C		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/15/98			12/15/98			12/15/98			12/15/98			12/17/98			12/17/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			1' - 3'			3' - 5'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	0.001	0.006	J	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	UJ
1,2-Dichloropropane	84	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
2-Butanone	1000	80	<	0.009	UJ	0.028	0.006		<	0.011	UJ	<	0.011	UJ	<	0.011	UJ	<	0.010	UJ	<	0.011	UJ	<	0.012	UJ
2-Hexanone	NC	NC	<	0.009	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.012	U
Acetone	1000	140	<	0.032	U	<	0.073	U	<	0.019	U	<	0.041	U	<	0.042	U	<	0.024	U	<	0.029	U	<	0.014	U
Benzene	200	0.2	<	0.005	U	<	0.006	U	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Bromoform	720	0.8	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Bromomethane	NC	NC	<	0.009	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.012	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Carbon tetrachloride	44	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Chlorobenzene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Chloroethane	NC	NC	<	0.009	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.012	U
Chloroform	940	1.2	0.003	0.005	J	0.002	0.006	J	0.004	0.005	J	0.004	0.005	J	0.004	0.005	J	0.004	0.005	J	0.004	0.005	J	0.003	0.006	J
Chloromethane	NC	NC	<	0.009	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.012	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	0.012	0.006		<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Methyl isobutyl ketone	1000	14	0.001	0.005	J	0.002	0.006	J	0.002	0.005	J	0.001	0.005	J	0.001	0.005	J	0.004	0.005	J	0.002	0.005	J	0.003	0.006	J
Methylene chloride	760	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Styrene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Tetrachloroethylene	110	1	<	0.005	U	0.001	0.006	J	0.000	0.005	J	0.002	0.005	J	0.011	0.005		0.001	0.005	J	<	0.005	U	<	0.006	U
Toluene	1000	67	<	0.005	U	<	0.006	U	0.000	0.005	J	<	0.005	U	0.001	0.005	J	0.001	0.005	J	0.000	0.005	J	0.000	0.006	J
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Trichloroethylene	520	1	<	0.005	U	0.012	0.006		0.001	0.005	J	0.001	0.005	J	0.006	0.005		0.001	0.005	J	<	0.005	U	<	0.006	U
Vinyl acetate	NC	NC	<	0.009	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.012	U
Vinyl chloride	3	0.4	<	0.009	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	0.011	U	<	0.012	U
Xylenes, Total	1000	19.5	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16A1-2A			SB16A1-2B			SB16A1-3A			SB16A1-3B			SB16A1-4A			SB16A1-4B			SB16B1-1A			SB16B1-1C		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/15/98			12/15/98			12/15/98			12/15/98			12/17/98			12/17/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			1' - 3'			3' - 5'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
1,2-Dichlorobenzene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
1,3-Dichlorobenzene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
1,4-Dichlorobenzene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
2,4,5-Trichlorophenol	NC	NC	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
2,4,6-Trichlorophenol	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
2,4-Dichlorophenol	2500	4	<	9.91	U	<	11.4	U	<	0.335	U	<	0.359	U	<	0.361	U	<	0.335	U	<	9.5	U	<	9.76	U
2,4-Dimethylphenol	NC	NC	<	9.91	U	<	11.4	U	<	0.335	U	<	0.359	U	<	0.361	U	<	0.335	U	<	9.5	U	<	9.76	U
2,4-Dinitrophenol	NC	NC	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
2,4-Dinitrotoluene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
2,6-Dinitrotoluene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
2-Chloronaphthalene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
2-Chlorophenol	2500	7.2	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
2-Methylnaphthalene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
2-Methylphenol	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
2-Nitroaniline	NC	NC	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
2-Nitrophenol	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
3,3'-Dichlorobenzidine	NC	NC	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
3-Nitroaniline	NC	NC	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
4,6-Dinitro-2-methylphenol	NC	NC	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
4-Bromophenylphenyl ether	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
4-Chloro-3-methylphenol	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
4-Chloroaniline	NC	NC	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
4-Chlorophenylphenyl ether	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
4-Methylphenol	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
4-Nitroaniline	NC	NC	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
4-Nitrophenol	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Acenaphthene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Acenaphthylene	2500	84	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Anthracene	2500	400	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Benzo(b)fluoranthene	7.8	1	<	10.9	U	<	12.6	U	0.154	0.368		<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Benzo(g,h,i)fluoranthene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Benzo(a)anthracene	7.8	1	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Benzo(a)pyrene	1	1	<	10.9	U	<	12.6	U	0.0564	0.368	J	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Benzo(k)fluoranthene	78	1	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Butylbenzyl phthalate	2500	200	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Carbazole	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16A1-2A			SB16A1-2B			SB16A1-3A			SB16A1-3B			SB16A1-4A			SB16A1-4B			SB16B1-1A			SB16B1-1C		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/15/98			12/15/98			12/15/98			12/15/98			12/17/98			12/17/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			1' - 3'			3' - 5'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Di-n-butyl phthalate	2500	140	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Di-n-octyl phthalate	2500	20	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Dibenz(a,h)anthracene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Dibenzofuran	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Diethyl phthalate	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Dimethyl phthalate	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Fluoranthene	2500	56	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Fluorene	2500	56	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Hexachlorobenzene	3.6	1	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Hexachlorobutadiene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Hexachlorocyclopentadiene	NC	NC	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
Hexachloroethane	410	1	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Isophorone	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
N-Nitrosodiphenylamine	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Napthalene	2500	56	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Nitrobenzene	NC	NC	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Pentachlorophenol	48	1	<	27.4	U	<	31.6	U	<	0.926	U	<	0.994	U	<	0.908	U	<	0.927	U	<	26.3	U	<	27	U
Phenanthrene	2500	40	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Phenol	2500	800	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
Pyrene	2500	40	<	10.9	U	<	12.6	U	<	0.368	U	<	0.395	U	<	0.361	U	<	0.369	U	<	10.5	U	<	10.7	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0441	U	--			<	0.0446	U	--			<	0.0438	U	--			<	0.0422	U	--		
PCB 1221	NC	NC	<	0.0881	U	--			<	0.0893	U	--			<	0.0875	U	--			<	0.0845	U	--		
PCB 1232	NC	NC	<	0.0441	U	--			<	0.0446	U	--			<	0.0438	U	--			<	0.0422	U	--		
PCB 1242	NC	NC	<	0.0881	U	--			<	0.0893	U	--			<	0.0875	U	--			<	0.0845	U	--		
PCB 1248	NC	NC	<	0.0881	U	--			<	0.0893	U	--			<	0.0875	U	--			<	0.0845	U	--		
PCB 1254	NC	NC	<	0.0441	U	--			<	0.0446	U	--			<	0.0438	U	--			<	0.0422	U	--		
PCB 1260	NC	NC	<	0.0441	U	--			<	0.0446	U	--			<	0.0438	U	--			<	0.0422	U	--		
TOTAL PETROLEUM HYDROCARBONS												--														
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			<	11.2	U	--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16A1-2A			SB16A1-2B			SB16A1-3A			SB16A1-3B			SB16A1-4A			SB16A1-4B			SB16B1-1A			SB16B1-1C		
Collect Date	ICC	PMC	12/15/98			12/15/98			12/15/98			12/15/98			12/15/98			12/15/98			12/17/98			12/17/98		
Sample Interval			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			1' - 3'			3' - 5'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	6280	NR		9010	NR		6000	NR		8920	NR		4730	NR		6130	NR	J	5490	NR		2960	NR	
Antimony	8200	0.06	<	11	U	<	12.7	U	<	11.2	U	<	12	U	<	10.9	U	<	11.2	U	<	10.6	U	<	10.8	U
Arsenic	10	0.5	3.25	NR		5.48	NR		2.92	NR		2.34	NR		1.65	NR		2.18	NR		2.99	NR		0.833	NR	J
Barium	140000	10	22.4	NR		48.2	NR		16.8	NR		34.5	NR		16.6	NR		18.4	NR		20.9	NR		11.2	NR	
Beryllium	2	0.04	0.288	NR	J	0.523	NR	J	0.278	NR	J	0.44	NR	J	0.258	NR	J	0.274	NR	J	0.281	NR	J	0.181	NR	J
Cadmium	1000	0.05	0.503	NR	J	0.263	NR	J	0.12	NR	J	<	1.2	U	<	1.09	U	<	1.12	U	<	1.06	U	<	1.08	U
Calcium	NC	NC	<	4710	U	<	4020	U	<	989	U	3720	NR	J	3070	NR		685	NR		1030	NR		394	NR	
Chromium	51000	0.5	7.44	NR		8	NR		6.73	NR		8.19	NR		5.95	NR		7.08	NR		7.36	NR		5.67	NR	
Cobalt	NC	NC	3.86	NR		3.64	NR		3.97	NR		3.62	NR		3.26	NR		4.08	NR		4.66	NR		1.98	NR	J
Copper	76000	13	11.3	NR		17.1	NR		10.2	NR		8.53	NR		9.21	NR		7.95	NR		9.79	NR		5.39	NR	
Iron	NC	NC	9330	NR		11200	NR		9160	NR		11600	NR		8100	NR		9410	NR		10100	NR		5670	NR	
Lead	1000	0.15	43.7	NR		26	NR		6.26	NR		5.62	NR		5.76	NR		4.5	NR		4.1	NR		2.28	NR	
Magnesium	NC	NC	2070	NR		1970	NR		1840	NR		2080	NR		1640	NR		1840	NR		2260	NR		1030	NR	
Manganese	NC	NC	164	NR		394	NR		140	NR		292	NR		137	NR		135	NR		240	NR		163	NR	
Mercury	610	0.02	0.0924	NR	J	<	0.127	U	0.037	NR	J	<	0.12	U	<	0.109	U	<	0.112	U	<	0.106	U	<	0.108	U
Nickel	7500	1	7.28	NR		8052	NR		6.97	NR		8.37	NR		6.57	NR		7.5	NR		7.93	NR		3.55	NR	J
Potassium	NC	NC	607	NR		<	635	U	565	NR		411	NR	J	394	NR	J	399	NR	J	674	NR		<	542	U
Selenium	10000	0.5	<	1.1	U	<	1.27	U	<	1.12	U	<	1.2	U	<	1.09	U	<	1.12	U	<	1.06	U	<	1.08	U
Silver	10000	0.36	<	2.2	U	<	2.54	U	<	2.23	U	<	2.4	U	<	2.19	U	<	2.23	U	<	2.11	U	<	2.17	U
Sodium	NC	NC	130	NR		150	NR		48.8	NR	J	80.7	NR		129	NR		92.8	NR	J	186	NR		63.6	NR	J
Thallium	160	0.05	<	1.1	U	<	1.27	U	<	1.12	U	<	1.2	U	<	1.09	U	<	1.12	U	<	1.06	U	<	1.08	U
Vanadium	14000	0.5	10.5	NR		10.9	NR		9.83	NR		10.3	NR		8.83	NR		9.62	NR		10.9	NR		6.13	NR	
Zinc	610000	50	42.5	NR		45.4	NR		24.7	NR		26.6	NR		18.8	NR		20.2	NR		23.3	NR		11.7	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.32	U	<	1.52	U	<	1.34	U	<	1.44	U	<	1.31	U	<	1.34	U	<	1.27	U	<	1.3	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			5	NR		--			--			--			--			--		
Cyanide	41000	2	<	0.55	U	<	0.64	U	<	0.56	U	<	0.6	U	<	0.55	U	<	0.56	U	<	0.53	U	<	0.54	U
Total Organic Carbon (TOC)	NC	NC	--			--			0.235	0.00011		--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16B1-2A			SB16B1-2C			SB16C1-1A			SB16C1-1C			SB16C1-2A			SB16C1-2C			SB16D1-1A			SB16D1-1C		
Collect Date	ICC	PMC	12/16/98			12/16/98			12/17/98			12/17/98			12/17/98			12/17/98			12/16/98			12/16/98		
Sample Interval			1' - 3'			3' - 5'			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
2-Butanone	1000	80	<	0.013	UJ	<	0.011	UJ	<	0.009	UJ	<	0.024	UJ	<	0.013	UJ	<	0.010	UJ	<	0.010	UJ	<	0.010	UJ
2-Hexanone	NC	NC	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U
Acetone	1000	140	<	0.047	U	<	0.012	U	<	0.023	U	<	0.064	U	<	0.082	U	<	0.017	U	<	0.027	U	<	0.018	U
Benzene	200	0.2	<	0.005	U	<	0.006	U	<	0.005	U	0.000	0.005	J	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	0.005	U
Bromoform	720	0.8	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Carbon tetrachloride	44	1	<	0.005	U	<	0.006	U	<	0.005	UJ	< "	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	0.005	U
Chlorobenzene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U
Chloroform	940	1.2	0.005	0.005		0.002	0.006	J	0.002	0.005	J	0.002	0.005	J	<	0.005	UJ	0.002	0.005	J	0.002	0.005	J	0.003	0.005	J
Chloromethane	NC	NC	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	14	0.005	0.005	J	0.011	0.006		0.006	0.005	J	0.002	0.005	J	0.002	0.005	J	0.002	0.005	J	0.004	0.005	J	0.011	0.005	
Methylene chloride	760	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Styrene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.005	U	<	0.006	U	<	0.005	UJ	0.000	0.005	J	0.025	0.005	J	0.002	0.005	J	<	0.005	U	0.093	0.005	
Toluene	1000	67	<	0.005	U	0.001	0.006	J	<	0.005	U	<	0.005	U	0.001	0.005	J	<	0.005	U	0.001	0.005	J	0.001	0.005	J
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	0.005	U
Trichloroethylene	520	1	<	0.005	U	<	0.006	U	0.000	0.005	J	0.001	0.005	J	0.015	0.005		0.001	0.005	J	0.001	0.005	J	0.010	0.005	
Vinyl acetate	NC	NC	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U
Xylenes, Total	1000	19.5	<	0.005	U	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16B1-2A			SB16B1-2C			SB16C1-1A			SB16C1-1C			SB16C1-2A			SB16C1-2C			SB16D1-1A			SB16D1-1C		
Collect Date	ICC	PMC	12/16/98			12/16/98			12/17/98			12/17/98			12/17/98			12/17/98			12/16/98			12/16/98		
Sample Interval			1' - 3'			3' - 5'			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
1,2-Dichlorobenzene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
1,3-Dichlorobenzene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
1,4-Dichlorobenzene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
2,4,5-Trichlorophenol	NC	NC	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
2,4,6-Trichlorophenol	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
2,4-Dichlorophenol	2500	4	<	0.342	U	<	0.334	U	<	9.94	U	<	10.2	U	<	10.3	U	<	10.4	U	<	0.313	U	<	0.325	U
2,4-Dimethylphenol	NC	NC	<	0.342	U	<	0.334	U	<	9.94	U	<	10.2	U	<	10.3	U	<	10.4	U	<	0.313	U	<	0.325	U
2,4-Dinitrophenol	NC	NC	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
2,4-Dinitrotoluene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
2,6-Dinitrotoluene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
2-Chloronaphthalene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
2-Chlorophenol	2500	7.2	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
2-Methylnaphthalene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
2-Methylphenol	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
2-Nitroaniline	NC	NC	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
2-Nitrophenol	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
3,3'-Dichlorobenzidine	NC	NC	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
3-Nitroaniline	NC	NC	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
4,6-Dinitro-2-methylphenol	NC	NC	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
4-Bromophenylphenyl ether	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
4-Chloro-3-methylphenol	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
4-Chloroaniline	NC	NC	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
4-Chlorophenylphenyl ether	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
4-Methylphenol	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
4-Nitroaniline	NC	NC	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
4-Nitrophenol	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Acenaphthene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Acenaphthylene	2500	84	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Anthracene	2500	400	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Benzo(b)fluoranthene	7.8	1	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Benzo(a)anthracene	7.8	1	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Benzo(a)pyrene	1	1	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Benzo(k)fluoranthene	78	1	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Butylbenzyl phthalate	2500	200	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Carbazole	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16B1-2A			SB16B1-2C			SB16C1-1A			SB16C1-1C			SB16C1-2A			SB16C1-2C			SB16D1-1A			SB16D1-1C		
Collect Date	ICC	PMC	12/16/98			12/16/98			12/17/98			12/17/98			12/17/98			12/17/98			12/16/98			12/16/98		
Sample Interval			1' - 3'			3' - 5'			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Di-n-butyl phthalate	2500	140	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Di-n-octyl phthalate	2500	20	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Dibenz(a,h)anthracene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Dibenzofuran	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Diethyl phthalate	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Dimethyl phthalate	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Fluoranthene	2500	56	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Fluorene	2500	56	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Hexachlorobenzene	3.6	1	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Hexachlorobutadiene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Hexachlorocyclopentadiene	NC	NC	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
Hexachloroethane	410	1	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Isophorone	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
N-Nitrosodiphenylamine	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Napthalene	2500	56	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Nitrobenzene	NC	NC	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Pentachlorophenol	48	1	<	0.946	U	<	0.923	U	<	27.5	U	<	28.2	U	<	28.4	U	<	28.7	U	<	0.876	U	<	0.866	U
Phenanthrene	2500	40	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Phenol	2500	800	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
Pyrene	2500	40	<	0.376	U	<	0.367	U	<	10.9	U	<	11.2	U	<	11.3	U	<	11.4	U	<	0.344	U	<	0.358	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0456	U	--			<	0.0442	U	--			<	0.0456	U	--			<	0.0418	U	--		
PCB 1221	NC	NC	<	0.0912	U	--			<	0.0884	U	--			<	0.0911	U	--			<	0.0835	U	--		
PCB 1232	NC	NC	<	0.0456	U	--			<	0.0442	U	--			<	0.0456	U	--			<	0.0418	U	--		
PCB 1242	NC	NC	<	0.0912	U	--			<	0.0884	U	--			<	0.0911	U	--			<	0.0835	U	--		
PCB 1248	NC	NC	<	0.0912	U	--			<	0.0884	U	--			<	0.0911	U	--			<	0.0835	U	--		
PCB 1254	NC	NC	<	0.0456	U	--			<	0.0442	U	--			<	0.0456	U	--			<	0.0418	U	--		
PCB 1260	NC	NC	<	0.0456	U	--			<	0.0442	U	--			<	0.0456	U	--			<	0.0418	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	<	11.4	U	--			--			--			<	11.4	U	--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16B1-2A			SB16B1-2C			SB16C1-1A			SB16C1-1C			SB16C1-2A			SB16C1-2C			SB16D1-1A			SB16D1-1C		
Collect Date	ICC	PMC	12/16/98			12/16/98			12/17/98			12/17/98			12/17/98			12/17/98			12/16/98			12/16/98		
Sample Interval			1' - 3'			3' - 5'			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	5860	NR		3010	NR		6790	NR		5250	NR		8330	NR		5770	NR		5310	NR		4100	NR	
Antimony	8200	0.06	<	11.4	U	<	11.1	U	<	11	U	<	11.3	U	<	11.4	U	<	11.5	U	<	10.5	U	<	10.4	U
Arsenic	10	0.5	2.6	NR		0.75	NR	J	3.69	NR		2.5	NR		4.23	NR		1.9	NR		1.21	NR		0.939	NR	J
Barium	140000	10	13.2	NR		29.2	NR		20.1	NR		16	NR		39	NR		7.56	NR		15.1	NR		18.2	NR	
Beryllium	2	0.04	0.3	NR	J	0.156	NR	J	0.313	NR	J	0.238	NR	J	0.4	NR	J	0.248	NR	J	0.229	NR	J	0.217	NR	J
Cadmium	1000	0.05	<	1.14	U	<	1.11	U	<	1.1	U	<	1.13	U	<	1.14	U	<	1.15	U	<	1.04	U	<	1.08	U
Calcium	NC	NC	896	NR		608	NR		850	NR		635	NR		1750	NR		417	NR		661	NR		660	NR	
Chromium	51000	0.5	6.71	NR		5.65	NR		9.39	NR		6.31	NR		8.54	NR		6.43	NR		6.72	NR		7.79	NR	
Cobalt	NC	NC	4.36	NR		4.05	NR		3.63	NR		3.14	NR		3.61	NR		3.5	NR		3.71	NR		3.56	NR	
Copper	76000	13	10.2	NR		7.34	NR		10.5	NR		7.35	NR		10.3	NR		8.09	NR		7.14	NR		8.91	NR	
Iron	NC	NC	10700	NR		6760	NR		10500	NR		8240	NR		11300	NR		8810	NR		9160	NR		8700	NR	
Lead	1000	0.15	4.14	NR		3.48	NR		6.8	NR		4.37	NR		17.7	NR		3.95	NR		3.73	NR		2.91	NR	
Magnesium	NC	NC	2290	NR		1110	NR		2060	NR		1610	NR		1890	NR		1680	NR		1590	NR		1910	NR	
Manganese	NC	NC	217	NR		195	NR		189	NR		128	NR		245	NR		127	NR		218	NR		91.1	NR	
Mercury	610	0.02	<	0.114	U	<	0.111	U	<	0.11	U	<	0.113	U	<	0.114	U	<	0.115	U	<	0.105	U	<	0.104	U
Nickel	7500	1	8.12	NR		4.7	NR	J	7.85	NR		6.51	NR		8.11	NR		6.34	NR		5.59	NR		7.48	NR	
Potassium	NC	NC	725	NR		385	NR	J	439	NR	J	355	NR	J	386	NR	J	<	577	U	578	NR		804	NR	
Selenium	10000	0.5	<	1.14	U	<	1.11	U	<	1.1	U	<	1.13	U	<	1.14	U	<	1.15	U	<	1.04	U	<	1.08	U
Silver	10000	0.36	<	2.28	U	<	2.22	U	<	2.21	U	<	2.26	U	<	2.28	U	<	2.31	U	<	2.09	U	<	2.17	U
Sodium	NC	NC	103	NR	J	87.6	NR	J	130	NR		100	NR	J	200	NR		97	NR	J	213	NR		122	NR	
Thallium	160	0.05	<	1.14	U	<	1.11	U	<	1.1	U	<	1.13	U	<	1.14	U	<	1.15	U	<	1.04	U	<	1.08	U
Vanadium	14000	0.5	10.8	NR		6.78	NR		11.6	NR		8.68	NR		11.4	NR		10.7	NR		11.1	NR		10	NR	
Zinc	610000	50	23.4	NR		12.4	NR		25	NR		19.5	NR		31.1	NR		18.5	NR		16.2	NR		17.2	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.37	U	<	1.33	U	<	1.33	U	<	1.36	U	<	1.37	U	<	1.38	U	<	1.27	U	<	1.25	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	2	NR		--			--			--			9	NR		--			--			--		
Cyanide	41000	2	<	0.57	U	<	0.56	U	<	0.55	U	<	0.57	U	<	0.57	U	<	0.58	U	<	0.53	U	<	0.52	U
Total Organic Carbon (TOC)	NC	NC	<	0.1	U	--			--			--			1.56	0.00011		--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16D1-2A			SB16D1-2C			SB16D1-3A			SB16D1-3C			SB17A1-1A			SB17A1-1A			SB17A1-1C			SB17A2-1A		
Collect Date	ICC	PMC	12/16/98			12/16/98			12/15/98			12/15/98			12/4/98			12/4/98			12/4/98			12/21/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"			0'6" - 2'6"			4'6" - 6'6"			0'11" - 2'11"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	0.003	0.005	J	--			0.006	0.005		0.011	0.005	
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.006	U	<	0.005	U	0.001	0.004	J	<	0.005	U	--			<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	0.002	0.005	J	--			<	0.005	U	0.001	0.005	J
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
2-Butanone	1000	80	<	0.010	UJ	<	0.012	U	<	0.011	U	<	0.008	U	<	0.009	UJ	--			<	0.010	UJ	<	0.010	UJ
2-Hexanone	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.008	U	<	0.009	U	--			<	0.010	U	<	0.010	U
Acetone	1000	140	<	0.038	U	<	0.012	U	<	0.013	U	<	0.015	U	<	0.020	U	--			0.021	0.005		<	0.038	U
Benzene	200	0.2	<	0.005	U	<	0.006	U	<	0.005	U	0.001	0.004	J	<	0.005	U	--			<	0.005	U	0.001	0.005	J
Bromodichloromethane	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	UJ	--			<	0.005	UJ	<	0.005	U
Bromoform	720	0.8	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.008	U	<	0.009	U	--			<	0.010	U	<	0.010	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	0.001	0.005	J
Carbon tetrachloride	44	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	UJ
Chlorobenzene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.008	U	<	0.009	U	--			<	0.010	U	<	0.010	U
Chloroform	940	1.2	0.003	0.005	J	0.002	0.006	J	0.004	0.005	J	0.002	0.004	J	0.004	0.005	J	--			0.003	0.005	J	0.002	0.005	J
Chloromethane	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.008	U	<	0.009	U	--			<	0.010	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	0.004	0.005	J	--			0.003	0.005	J	0.001	0.005	J
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	0.001	0.005	J
Ethylbenzene	1000	10.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	14	0.008	0.005	J	<	0.012	U	<	0.011	U	0.002	0.004	J	0.001	0.005	J	--			0.002	0.005	J	<	0.010	U
Methylene chloride	760	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Styrene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.005	U	<	0.006	U	0.006	0.005		0.008	0.004		0.005	0.005		--			0.011	0.005	J	0.001	0.005	J
Toluene	1000	67	0.001	0.005	J	0.001	0.006	J	<	0.005	U	<	0.004	U	<	0.005	U	--			0.001	0.005	J	0.000	0.005	J
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Trichloroethylene	520	1	<	0.005	U	<	0.006	U	0.002	0.005	J	0.005	0.004		0.010	0.005		--			0.009	0.005		0.014	0.005	
Vinyl acetate	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.008	U	<	0.009	U	--			<	0.010	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.012	U	<	0.011	U	<	0.008	U	<	0.009	U	--			<	0.010	U	<	0.010	U
Xylenes, Total	1000	19.5	0.001	0.005	J	<	0.006	U	<	0.005	U	<	0.004	U	<	0.005	U	--			0.000	0.005	J	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16D1-2A			SB16D1-2C			SB16D1-3A			SB16D1-3C			SB17A1-1A			SB17A1-1A			SB17A1-1C			SB17A2-1A		
Collect Date	ICC	PMC	12/16/98			12/16/98			12/15/98			12/15/98			12/4/98			12/4/98			12/4/98			12/21/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"			0'6" - 2'6"			4'6" - 6'6"			0'11" - 2'11"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
1,2-Dichlorobenzene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
1,3-Dichlorobenzene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
1,4-Dichlorobenzene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
2,4,5-Trichlorophenol	NC	NC	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	1.7	U
2,4,6-Trichlorophenol	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
2,4-Dichlorophenol	2500	4	<	0.331	U	<	0.316	U	<	0.333	U	<	0.344	U	<	9.56	U	--			<	10	U	<	0.35	U
2,4-Dimethylphenol	NC	NC	<	0.331	U	<	0.316	U	<	0.333	U	<	0.344	U	<	9.56	U	--			<	10	U	<	0.35	U
2,4-Dinitrophenol	NC	NC	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	1.7	U
2,4-Dinitrotoluene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
2,6-Dinitrotoluene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
2-Chloronaphthalene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
2-Chlorophenol	2500	7.2	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
2-Methylnaphthalene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.036	0.35	J
2-Methylphenol	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
2-Nitroaniline	NC	NC	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	1.7	U
2-Nitrophenol	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
3,3'-Dichlorobenzidine	NC	NC	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	0.69	U
3-Nitroaniline	NC	NC	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	1.7	U
4,6-Dinitro-2-methylphenol	NC	NC	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	1.7	U
4-Bromophenylphenyl ether	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
4-Chloro-3-methylphenol	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
4-Chloroaniline	NC	NC	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	0.34	U
4-Chlorophenylphenyl ether	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
4-Methylphenol	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
4-Nitroaniline	NC	NC	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	1.7	U
4-Nitrophenol	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Acenaphthene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.098	0.35	J
Acenaphthylene	2500	84	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.022	0.35	J
Anthracene	2500	400	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.18	0.35	J
Benzo(b)fluoranthene	7.8	1	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.22	0.35	J
Benzo(g,h,I)fluoranthene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.17	0.35	J
Benzo(a)anthracene	7.8	1	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.34	0.35	J
Benzo(a)pyrene	1	1	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.28	0.35	J
Benzo(k)fluoranthene	78	1	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.26	0.35	J
Benzoic acid	NC	NC	--			--			--			--			--			--			--			<	0.35	U
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			<	0.35	U
Bis(2-chloroethoxy) methane	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Butylbenzyl phthalate	2500	200	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Carbazole	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.097	0.35	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16D1-2A			SB16D1-2C			SB16D1-3A			SB16D1-3C			SB17A1-1A			SB17A1-1A			SB17A1-1C			SB17A2-1A		
Collect Date	ICC	PMC	12/16/98			12/16/98			12/15/98			12/15/98			12/4/98			12/4/98			12/4/98			12/21/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"			0'6" - 2'6"			4'6" - 6'6"			0'11" - 2'11"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.34	0.35	J
Di-n-butyl phthalate	2500	140	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Di-n-octyl phthalate	2500	20	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Dibenz(a,h)anthracene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.058	0.35	J
Dibenzofuran	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.032	0.35	J
Diethyl phthalate	NC	NC	0.261	0.364		<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Dimethyl phthalate	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Fluoranthene	2500	56	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.63	0.35	
Fluorene	2500	56	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.076	0.35	J
Hexachlorobenzene	3.6	1	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Hexachlorobutadiene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Hexachlorocyclopentadiene	NC	NC	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	0.34	U
Hexachloroethane	410	1	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.16	0.35	J
Isophorone	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
N-Nitrosodiphenylamine	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Napthalene	2500	56	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.015	0.35	J
Nitrobenzene	NC	NC	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Pentachlorophenol	48	1	<	0.9	U	<	0.915	U	<	0.92	U	<	0.952	U	<	26.5	U	--			<	27.7	U	<	1.7	U
Phenanthrene	2500	40	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.8	0.35	
Phenol	2500	800	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	<	0.35	U
Pyrene	2500	40	<	0.364	U	<	0.348	U	<	0.366	U	<	0.378	U	<	10.5	U	--			<	11	U	0.72	0.35	
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0441	U	--			<	0.0443	U	--			<	0.0425	U	<	0.02	U	--			<	0.0424	U
PCB 1221	NC	NC	<	0.0882	U	--			<	0.0887	U	--			<	0.085	U	<	0.02	U	--			<	0.0848	U
PCB 1232	NC	NC	<	0.0441	U	--			<	0.0443	U	--			<	0.0425	U	<	0.01	U	--			<	0.0424	U
PCB 1242	NC	NC	<	0.0882	U	--			<	0.0887	U	--			<	0.085	U	<	0.01	U	--			<	0.0848	U
PCB 1248	NC	NC	<	0.0882	U	--			<	0.0887	U	--			<	0.085	U	<	0.01	U	--			<	0.0848	U
PCB 1254	NC	NC	<	0.0441	U	--			<	0.0443	U	--			<	0.0425	U	<	0.01	U	--			<	0.0424	U
PCB 1260	NC	NC	<	0.0441	U	--			<	0.0443	U	--			0.265	NR		<	0.01	U	--			1.29	NR	
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			<	11.1	U	--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB16D1-2A			SB16D1-2C			SB16D1-3A			SB16D1-3C			SB17A1-1A			SB17A1-1A			SB17A1-1C			SB17A2-1A		
Collect Date	ICC	PMC	12/16/98			12/16/98			12/15/98			12/15/98			12/4/98			12/4/98			12/4/98			12/21/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"			0'6" - 2'6"			4'6" - 6'6"			0'11" - 2'11"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	6820	NR		2790	NR		7130	NR		7000	NR		8110	NR		--			8700	NR		9020	NR	
Antimony	8200	0.06	<	10.8	U	<	11	U	<	11.1	U	<	11.5	U	<	10.6	U	--			<	11.1	U	<	10.6	U
Arsenic	10	0.5	2.65	NR		0.793	NR	J	2.91	NR		2.39	NR		5.09	NR		--			8.61	NR		7.85	NR	
Barium	140000	10	21	NR		12	NR		15.8	NR		18	NR		31	NR		--			13.9	NR		34	NR	
Beryllium	2	0.04	0.313	NR	J	0.175	NR	J	0.287	NR	J	0.247	NR	J	0.432	NR	J	--			0.364	NR	J	0.337	NR	J
Cadmium	1000	0.05	<	1.1	U	<	1.05	U	0.136	NR	J	<	1.15	U	<	1.06	U	--			<	1.11	U	0.688	NR	J
Calcium	NC	NC	598	NR		312	NR		<	545	U	641	NR		7020	NR		--			1240	NR		5350	NR	
Chromium	51000	0.5	7.16	NR		4.03	NR		7.62	NR		10.3	NR		37.9	NR		--			38.4	NR		20.2	NR	
Cobalt	NC	NC	3.66	NR		2.33	NR		4.84	NR		4.99	NR		7.9	NR		--			8.19	NR		9.19	NR	
Copper	76000	13	8.82	NR		5.82	NR		8.52	NR		12	NR		29.4	NR		--			35.7	NR		28.3	NR	
Iron	NC	NC	9520	NR		5070	NR		11100	NR		12100	NR		14800	NR		--			16900	NR		16600	NR	
Lead	1000	0.15	5.49	NR		2.36	NR		4.7	NR		4.14	NR		15.2	NR		--			7.9	NR		15.9	NR	
Magnesium	NC	NC	1910	NR		1190	NR		2160	NR		2640	NR		3990	NR		--			3880	NR		4490	NR	
Manganese	NC	NC	188	NR		92	NR		143	NR		201	NR		405	NR		--			279	NR		493	NR	
Mercury	610	0.02	<	0.108	U	<	0.105	U	<	0.111	U	<	0.115	U	0.251	NR	J	--			<	0.111	U	0.0598	NR	J
Nickel	7500	1	6.88	NR		4.84	NR	J	8.5	NR		7.72	NR		23.3	NR		--			23.5	NR		26.3	NR	
Potassium	NC	NC	549	NR	J	560	NR		344	NR	J	524	NR	J	<	1400	U	--			<	1370	U	1590	NR	
Selenium	10000	0.5	<	1.1	U	<	1.05	U	<	1.11	U	<	1.15	U	<	1.06	U	--			<	1.11	U	<	1.06	U
Silver	10000	0.36	<	2.21	U	<	2.11	U	<	2.22	U	<	2.29	U	<	2.13	U	--			<	2.22	U	<	2.12	U
Sodium	NC	NC	369	NR		59.1	NR	J	103	NR	J	104	NR	J	497	NR		--			1130	NR		231	NR	
Thallium	160	0.05	<	1.1	U	<	1.05	U	<	1.11	U	<	1.15	U	<	1.06	U	--			<	1.11	U	<	1.06	U
Vanadium	14000	0.5	10.4	NR		6.44	NR		10.4	NR		14.9	NR		26.6	NR		--			24.8	NR		21.6	NR	
Zinc	610000	50	22.3	NR		12.3	NR		24.5	NR		22.5	NR		58.3	NR		--			38.3	NR		104	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.3	U	<	1.32	U	<	1.33	U	<	1.38	U	--			--			--			<	1.27	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			5	NR		--			--			--			--			--		
Cyanide	41000	2	<	0.54	U	<	0.55	U	<	0.55	U	<	0.57	U	<	0.53	U	--			<	0.56	U	<	0.53	U
Total Organic Carbon (TOC)	NC	NC	--			--			0.169	0.00011		--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A2-1A			SB17A2-1C			SB17A2-2A			SB17A2-2A			SB17A2-2C			SB17A2-3A			SB17A2-3C			SB17A2-4A		
Collect Date	ICC	PMC	12/21/98			12/21/98			12/21/98			12/21/98			12/21/98			12/22/98			12/22/98			12/18/98		
Sample Interval			0'11" - 2'11"			4'11" - 6'11"			0'8" - 2'8"			0'8" - 2'8"			4'8" - 6'8"			1' - 3'			7' - 9'			1' - 3'		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	--			0.005	0.005		0.013	0.005		--			0.021	0.005		0.007	0.005		0.065	0.005		<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	1	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	0.001	0.005	J
1,1-Dichloroethane	1000	14	--			<	0.005	U	0.002	0.005	J	--			0.008	0.005		<	0.005	U	0.004	0.005	J	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	0.2	--			<	0.005	U	<	0.005	U	--			<	0.005	U	0.001	0.005	J	0.002	0.005	J	<	0.005	U
1,2-Dichloropropane	84	1	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
2-Butanone	1000	80	--			<	0.015	UJ	<	0.010	UJ	--			<	0.014	UJ	<	0.012	UJ	<	0.010	UJ	<	0.010	U
2-Hexanone	NC	NC	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U
Acetone	1000	140	--			<	0.024	U	<	0.026	U	--			<	0.055	U	0.043	0.005		0.012	0.005		<	0.014	U
Benzene	200	0.2	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	0.000	0.005	J
Bromodichloromethane	NC	NC	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Bromoform	720	0.8	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Bromomethane	NC	NC	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U
Carbon disulfide	NC	NC	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Carbon tetrachloride	44	1	--			<	0.005	UJ	<	0.005	UJ	--			<	0.005	UJ	<	0.005	U	<	0.005	U	<	0.005	U
Chlorobenzene	1000	20	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Chloroethane	NC	NC	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U
Chloroform	940	1.2	--			0.002	0.005	J	0.001	0.005	J	--			0.002	0.005	J	0.002	0.005	J	0.002	0.005	J	0.002	0.005	J
Chloromethane	NC	NC	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Dibromochloromethane	68	0.1	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Ethylbenzene	1000	10.1	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	14	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.010	U	0.002	0.005	J
Methylene chloride	760	1	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Styrene	1000	20	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Tetrachloroethylene	110	1	--			<	0.005	U	0.002	0.005	J	--			0.017	0.005		<	0.005	U	0.001	0.005	J	0.001	0.005	J
Toluene	1000	67	--			<	0.005	U	<	0.005	U	--			0.001	0.005	J	<	0.005	U	0.001	0.005	J	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U
Trichloroethylene	520	1	--			<	0.005	U	0.018	0.005		--			0.067	0.005		0.003	0.005	J	0.010	0.005		0.000	0.005	J
Vinyl acetate	NC	NC	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U
Vinyl chloride	3	0.4	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U
Xylenes, Total	1000	19.5	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A2-1A			SB17A2-1C			SB17A2-2A			SB17A2-2A			SB17A2-2C			SB17A2-3A			SB17A2-3C			SB17A2-4A		
Collect Date	ICC	PMC	12/21/98			12/21/98			12/21/98			12/21/98			12/21/98			12/22/98			12/22/98			12/18/98		
Sample Interval			0'11" - 2'11"			4'11" - 6'11"			0'8" - 2'8"			0'8" - 2'8"			4'8" - 6'8"			1' - 3'			7' - 9'			1' - 3'		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
1,2-Dichlorobenzene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
1,3-Dichlorobenzene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
1,4-Dichlorobenzene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
2,4,5-Trichlorophenol	NC	NC	--			<	1.7	U	<	1.7	U	--			<	1.7	U	<	26.5	U	<	25.2	U	<	26.5	U
2,4,6-Trichlorophenol	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
2,4-Dichlorophenol	2500	4	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	9.59	U	<	9.12	U	<	9.57	U
2,4-Dimethylphenol	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	9.59	U	<	9.12	U	<	9.57	U
2,4-Dinitrophenol	NC	NC	--			<	1.7	U	<	1.7	U	--			<	1.7	U	<	26.5	U	<	25.2	U	<	26.5	U
2,4-Dinitrotoluene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
2,6-Dinitrotoluene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
2-Chloronaphthalene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
2-Chlorophenol	2500	7.2	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
2-Methylnaphthalene	NC	NC	--			<	0.34	U	0.013	0.35	J	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
2-Methylphenol	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
2-Nitroaniline	NC	NC	--			<	1.7	U	<	1.7	U	--			<	1.7	U	<	26.5	U	<	25.2	U	<	26.5	U
2-Nitrophenol	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
3,3'-Dichlorobenzidine	NC	NC	--			<	0.69	U	<	0.7	U	--			<	0.72	U	<	26.5	U	<	25.2	U	<	26.5	U
3-Nitroaniline	NC	NC	--			<	1.7	U	<	1.7	U	--			<	1.7	U	<	26.5	U	<	25.2	U	<	26.5	U
4,6-Dinitro-2-methylphenol	NC	NC	--			<	1.7	U	<	1.7	U	--			<	1.7	U	<	26.5	U	<	25.2	U	<	26.5	U
4-Bromophenylphenyl ether	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
4-Chloro-3-methylphenol	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
4-Chloroaniline	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	26.5	U	<	25.2	U	<	26.5	U
4-Chlorophenylphenyl ether	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
4-Methylphenol	NC	NC	--			<	0.34	U	<	0.35	U	--			0.43	0.36		<	10.6	U	<	10	U	<	10.5	U
4-Nitroaniline	NC	NC	--			<	1.7	U	<	1.7	U	--			<	1.7	U	<	26.5	U	<	25.2	U	<	26.5	U
4-Nitrophenol	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Acenaphthene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Acenaphthylene	2500	84	--			<	0.34	U	0.023	0.35	J	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Anthracene	2500	400	--			0.01	0.34	J	0.028	0.35	J	--			0.069	0.36	J	<	10.6	U	<	10	U	<	10.5	U
Benzo(b)fluoranthene	7.8	1	--			0.013	0.34	J	0.13	0.35	J	--			0.065	0.36	J	<	10.6	U	<	10	U	<	10.5	U
Benzo(g,h,I)fluoranthene	NC	NC	--			<	0.34	U	0.13	0.35	J	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Benzo(a)anthracene	7.8	1	--			0.018	0.34	J	0.14	0.35	J	--			0.091	0.36	J	<	10.6	U	<	10	U	<	10.5	U
Benzo(a)pyrene	1	1	--			0.016	0.34	J	0.13	0.35	J	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Benzo(k)fluoranthene	78	1	--			0.015	0.34	J	0.12	0.35	J	--			0.068	0.36	J	<	10.6	U	<	10	U	<	10.5	U
Benzoic acid	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	--			--			--		
Benzyl alcohol	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Bis(2-chloroethyl) ether	5.2	2.4	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Bis(2-chloroisopropyl) ether	82	2.4	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Bis(2-ethylhexyl) phthalate	410	11	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Butylbenzyl phthalate	2500	200	--			0.039	0.34	J	<	0.35	U	--			0.07	0.36	J	<	10.6	U	<	10	U	<	10.5	U
Carbazole	NC	NC	--			<	0.34	U	0.01	0.35	J	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A2-1A			SB17A2-1C			SB17A2-2A			SB17A2-2A			SB17A2-2C			SB17A2-3A			SB17A2-3C			SB17A2-4A		
Collect Date	ICC	PMC	12/21/98			12/21/98			12/21/98			12/21/98			12/21/98			12/22/98			12/22/98			12/18/98		
Sample Interval			0'11" - 2'11"			4'11" - 6'11"			0'8" - 2'8"			0'8" - 2'8"			4'8" - 6'8"			1' - 3'			7' - 9'			1' - 3'		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	--			0.02	0.34	J	0.16	0.35	J	--			0.12	0.36	J	<	10.6	U	<	10	U	<	10.5	U
Di-n-butyl phthalate	2500	140	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Di-n-octyl phthalate	2500	20	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Dibenz(a,h)anthracene	NC	NC	--			<	0.34	U	0.038	0.35	J	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Dibenzofuran	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Diethyl phthalate	NC	NC	--			<	0.34	U	0.011	0.35	J	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Dimethyl phthalate	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Fluoranthene	2500	56	--			0.029	0.34	J	0.21	0.35	J	--			0.12	0.36	J	<	10.6	U	<	10	U	<	10.5	U
Fluorene	2500	56	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Hexachlorobenzene	3.6	1	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Hexachlorobutadiene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Hexachlorocyclopentadiene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	26.5	U	<	25.2	U	<	26.5	U
Hexachloroethane	410	1	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Indeno(1,2,3-C,D)pyrene	NC	NC	--			<	0.34	U	0.11	0.35	J	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Isophorone	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
N-Nitrosodi-n-propylamine	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
N-Nitrosodiphenylamine	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Napthalene	2500	56	--			<	0.34	U	0.012	0.35	J	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Nitrobenzene	NC	NC	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Pentachlorophenol	48	1	--			<	1.7	U	<	1.7	U	--			<	1.7	U	<	26.5	U	<	25.2	U	<	26.5	U
Phenanthrene	2500	40	--			0.033	0.34	J	0.091	0.35	J	--			0.13	0.36	J	<	10.6	U	<	10	U	<	10.5	U
Phenol	2500	800	--			<	0.34	U	<	0.35	U	--			<	0.36	U	<	10.6	U	<	10	U	<	10.5	U
Pyrene	2500	40	--			0.028	0.34	J	0.26	0.35	J	--			0.16	0.36	J	<	10.6	U	<	10	U	<	10.5	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.02	U	--			<	0.0424	U	<	0.02	U	--			<	0.0426	U	--			<	0.0426	U
PCB 1221	NC	NC	<	0.02	U	--			<	0.0848	U	<	0.02	U	--			<	0.0853	U	--			<	0.0851	U
PCB 1232	NC	NC	<	0.01	U	--			<	0.0424	U	<	0.01	U	--			<	0.0426	U	--			<	0.0426	U
PCB 1242	NC	NC	<	0.01	U	--			<	0.0848	U	<	0.01	U	--			<	0.0853	U	--			<	0.0851	U
PCB 1248	NC	NC	<	0.01	U	--			<	0.0848	U	<	0.01	U	--			<	0.0853	U	--			<	0.0851	U
PCB 1254	NC	NC	<	0.01	U	--			<	0.0424	U	<	0.01	U	--			<	0.0426	U	--			<	0.0426	U
PCB 1260	NC	NC	<	0.01	U	--			0.203	NR		<	0.01	U	--			<	0.0426	U	--			0.056	NR	
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A2-1A			SB17A2-1C			SB17A2-2A			SB17A2-2A			SB17A2-2C			SB17A2-3A			SB17A2-3C			SB17A2-4A		
Collect Date	ICC	PMC	12/21/98			12/21/98			12/21/98			12/21/98			12/21/98			12/22/98			12/22/98			12/18/98		
Sample Interval			0'11" - 2'11"			4'11" - 6'11"			0'8" - 2'8"			0'8" - 2'8"			4'8" - 6'8"			1' - 3'			7' - 9'			1' - 3'		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	--			9250	NR		5180	NR		--			2990	NR		7100	NR		2890	NR		6560	NR	
Antimony	8200	0.06	--			<	10.4	U	<	10.6	U	--			<	10.6	U	<	10.7	U	<	10.1	U	<	10.6	U
Arsenic	10	0.5	--			5.63	NR		6.93	NR		--			3.28	NR		5.82	NR		2.81	NR		7.15	NR	
Barium	140000	10	--			29.6	NR		31	NR		--			22.8	NR		24.4	NR		12.9	NR		34.4	NR	
Beryllium	2	0.04	--			0.337	NR	J	0.272	NR	J	--			0.146	NR	J	0.301	NR	J	0.141	NR	J	0.267	NR	J
Cadmium	1000	0.05	--			0.0798	NR	J	3.28	NR		--			1.22	NR		<	1.07	U	<	1.01	U	<	1.06	U
Calcium	NC	NC	--			4150	NR		1330	NR		--			869	NR		1040	NR		609	NR		1740	NR	
Chromium	51000	0.5	--			28.9	NR		27.4	NR		--			60.8	NR		13	NR		4.16	NR		14	NR	
Cobalt	NC	NC	--			10.3	NR		9.01	NR		--			3.64	NR		5.98	NR		2.38	NR		6.07	NR	
Copper	76000	13	--			36.5	NR		28.1	NR		--			36	NR		19	NR		8.52	NR		17.4	NR	
Iron	NC	NC	--			18500	NR		12000	NR		--			9650	NR	J	11700	NR		6720	NR		11200	NR	
Lead	1000	0.15	--			19.8	NR		11.8	NR		--			33.1	NR		8.68	NR		3.72	NR		6.44	NR	
Magnesium	NC	NC	--			4730	NR		2660	NR		--			1310	NR		2590	NR		1230	NR		3120	NR	
Manganese	NC	NC	--			366	NR		321	NR		--			160	NR		232	NR		69.2	NR		201	NR	
Mercury	610	0.02	--			<	0.104	U	<	0.106	U	--			<	0.106	U	<	0.107	U	<	0.101	U	<	0.106	U
Nickel	7500	1	--			25	NR		28.4	NR		--			9.09	NR		10.9	NR		4.05	NR	J	13	NR	
Potassium	NC	NC	--			1340	NR		724	NR		--			622	NR		939	NR		540	NR		1520	NR	
Selenium	10000	0.5	--			<	1.04	U	<	1.06	U	--			<	1.06	U	<	1.07	U	<	1.01	U	<	1.06	U
Silver	10000	0.36	--			<	2.08	U	<	2.12	U	--			2.75	NR		<	2.13	U	<	2.03	U	<	2.13	U
Sodium	NC	NC	--			247	NR		183	NR		--			131	NR		116	NR		67.8	NR	J	187	NR	
Thallium	160	0.05	--			<	1.04	U	<	1.06	U	--			<	1.06	U	<	1.07	U	<	1.01	U	<	1.06	U
Vanadium	14000	0.5	--			23.2	NR		11.8	NR		--			9.42	NR		15	NR		7.14	NR		15.7	NR	
Zinc	610000	50	--			39	NR		29.8	NR		--			26.7	NR		41.2	NR		13.5	NR		30.9	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			<	1.25	U	<	1.27	U	--			<	1.27	U	<	1.28	U	<	1.22	U	<	1.28	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	--			<	0.52	U	<	0.53	U	--			<	0.53	U	<	0.53	U	<	0.51	U	<	0.53	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A2-4C			SB17A2-6A			SB17A2-6C		
Collect Date	ICC	PMC	12/21/98			12/17/98			12/17/98		
Sample Interval			5'2" - 7'2"			1' - 3'			5' - 7'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS											
1,1,1-Trichloroethane	1000	40	0.001	0.006	J	0.180	0.006	J	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.006	UJ	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.006	U	<	0.006	UJ	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.006	U	0.002	0.006	J	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	0.006	UJ	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.006	UJ	<	0.005	U
1,2-Dichloropropane	84	1	<	0.006	U	<	0.006	UJ	<	0.005	U
2-Butanone	1000	80	<	0.012	UJ	<	0.014	UJ	<	0.010	UJ
2-Hexanone	NC	NC	<	0.012	U	0.004	0.006	J	<	0.010	U
Acetone	1000	140	<	0.012	U	<	0.037	UJ	0.015	0.005	
Benzene	200	0.2	<	0.006	U	0.001	0.006	J	<	0.005	U
Bromodichloromethane	NC	NC	<	0.006	U	<	0.006	UJ	<	0.005	U
Bromoform	720	0.8	<	0.006	U	<	0.006	UJ	<	0.005	U
Bromomethane	NC	NC	<	0.012	U	<	0.014	UJ	<	0.010	U
Carbon disulfide	NC	NC	0.001	0.006	J	<	0.006	UJ	<	0.005	U
Carbon tetrachloride	44	1	<	0.006	U	<	0.006	UJ	<	0.005	U
Chlorobenzene	1000	20	<	0.006	U	<	0.006	UJ	<	0.005	U
Chloroethane	NC	NC	<	0.012	U	<	0.014	UJ	<	0.010	U
Chloroform	940	1.2	0.003	0.006	J	0.004	0.006	J	0.003	0.005	J
Chloromethane	NC	NC	<	0.012	U	<	0.014	UJ	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	0.013	0.006	J	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.006	UJ	<	0.005	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.006	UJ	<	0.005	U
Ethylbenzene	1000	10.1	<	0.006	U	0.001	0.006	J	<	0.005	U
Methyl isobutyl ketone	1000	14	0.002	0.006	J	0.015	0.006	J	<	0.010	U
Methylene chloride	760	1	<	0.006	U	<	0.006	UJ	0.001	0.005	J
Styrene	1000	20	<	0.006	U	<	0.006	UJ	<	0.005	U
Tetrachloroethylene	110	1	<	0.006	U	0.031	0.006	J	<	0.005	U
Toluene	1000	67	<	0.006	U	0.003	0.006	J	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.006	UJ	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.006	UJ	<	0.005	U
Trichloroethylene	520	1	<	0.006	U	0.054	0.006	J	<	0.005	U
Vinyl acetate	NC	NC	<	0.012	U	<	0.014	UJ	<	0.010	U
Vinyl chloride	3	0.4	<	0.012	U	<	0.014	UJ	<	0.010	U
Xylenes, Total	1000	19.5	<	0.006	U	<	0.006	UJ	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A2-4C			SB17A2-6A			SB17A2-6C		
Collect Date	ICC	PMC	12/21/98			12/17/98			12/17/98		
Sample Interval			5'2" - 7'2"			1' - 3'			5' - 7'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS											
1,2,4-Trichlorobenzene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
1,2-Dichlorobenzene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
1,3-Dichlorobenzene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
1,4-Dichlorobenzene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
2,4,5-Trichlorophenol	NC	NC	<	1.7	U	<	52.9	U	<	25.7	U
2,4,6-Trichlorophenol	NC	NC	<	0.34	U	<	21	U	<	10.2	U
2,4-Dichlorophenol	2500	4	<	0.34	U	<	19.1	U	<	9.3	U
2,4-Dimethylphenol	NC	NC	<	0.34	U	<	19.1	U	<	9.3	U
2,4-Dinitrophenol	NC	NC	<	1.7	U	<	52.9	U	<	25.7	U
2,4-Dinitrotoluene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
2,6-Dinitrotoluene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
2-Chloronaphthalene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
2-Chlorophenol	2500	7.2	<	0.34	U	<	21	U	<	10.2	U
2-Methylnaphthalene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
2-Methylphenol	NC	NC	<	0.34	U	<	21	U	<	10.2	U
2-Nitroaniline	NC	NC	<	1.7	U	<	52.9	U	<	25.7	U
2-Nitrophenol	NC	NC	<	0.34	U	<	21	U	<	10.2	U
3,3'-Dichlorobenzidine	NC	NC	<	0.69	U	<	52.9	U	<	25.7	U
3-Nitroaniline	NC	NC	<	1.7	U	<	52.9	U	<	25.7	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.7	U	<	52.9	U	<	25.7	U
4-Bromophenylphenyl ether	NC	NC	<	0.34	U	<	21	U	<	10.2	U
4-Chloro-3-methylphenol	NC	NC	<	0.34	U	<	21	U	<	10.2	U
4-Chloroaniline	NC	NC	<	0.34	U	<	52.9	U	<	25.7	U
4-Chlorophenylphenyl ether	NC	NC	<	0.34	U	<	21	U	<	10.2	U
4-Methylphenol	NC	NC	<	0.34	U	<	21	U	<	10.2	U
4-Nitroaniline	NC	NC	<	1.7	U	<	52.9	U	<	25.7	U
4-Nitrophenol	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Acenaphthene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Acenaphthylene	2500	84	<	0.34	U	<	21	U	<	10.2	U
Anthracene	2500	400	<	0.34	U	<	21	U	<	10.2	U
Benzo(b)fluoranthene	7.8	1	<	0.34	U	<	21	U	<	10.2	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Benzo(a)anthracene	7.8	1	<	0.34	U	<	21	U	<	10.2	U
Benzo(a)pyrene	1	1	<	0.34	U	<	21	U	<	10.2	U
Benzo(k)fluoranthene	78	1	<	0.34	U	<	21	U	<	10.2	U
Benzoic acid	NC	NC	<	0.34	U	--			--		
Benzyl alcohol	NC	NC	<	0.34	U	--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.34	U	<	21	U	<	10.2	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.34	U	<	21	U	<	10.2	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.34	U	<	21	U	<	10.2	U
Butylbenzyl phthalate	2500	200	<	0.34	U	<	21	U	<	10.2	U
Carbazole	NC	NC	<	0.34	U	<	21	U	<	10.2	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A2-4C			SB17A2-6A			SB17A2-6C		
Collect Date	ICC	PMC	12/21/98			12/17/98			12/17/98		
Sample Interval			5'2" - 7'2"			1' - 3'			5' - 7'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Di-n-butyl phthalate	2500	140	<	0.34	U	<	21	U	<	10.2	U
Di-n-octyl phthalate	2500	20	<	0.34	U	<	21	U	<	10.2	U
Dibenz(a,h)anthracene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Dibenzofuran	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Diethyl phthalate	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Dimethyl phthalate	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Fluoranthene	2500	56	<	0.34	U	<	21	U	<	10.2	U
Fluorene	2500	56	<	0.34	U	<	21	U	<	10.2	U
Hexachlorobenzene	3.6	1	<	0.34	U	<	21	U	<	10.2	U
Hexachlorobutadiene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Hexachlorocyclopentadiene	NC	NC	<	0.34	U	<	52.9	U	<	25.7	U
Hexachloroethane	410	1	<	0.34	U	<	21	U	<	10.2	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Isophorone	NC	NC	<	0.34	U	<	21	U	<	10.2	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.34	U	<	21	U	<	10.2	U
N-Nitrosodiphenylamine	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Napthalene	2500	56	<	0.34	U	<	21	U	<	10.2	U
Nitrobenzene	NC	NC	<	0.34	U	<	21	U	<	10.2	U
Pentachlorophenol	48	1	<	1.7	U	<	52.9	U	<	25.7	U
Phenanthrene	2500	40	<	0.34	U	<	21	U	<	10.2	U
Phenol	2500	800	<	0.34	U	<	21	U	<	10.2	U
Pyrene	2500	40	<	0.34	U	<	21	U	<	10.2	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)											
PCB 1016	NC	NC	--			<	0.0425	U	--		
PCB 1221	NC	NC	--			<	0.0849	U	--		
PCB 1232	NC	NC	--			<	0.0425	U	--		
PCB 1242	NC	NC	--			<	0.0849	U	--		
PCB 1248	NC	NC	--			<	0.0849	U	--		
PCB 1254	NC	NC	--			<	0.0425	U	--		
PCB 1260	NC	NC	--			0.031	NR		--		
TOTAL PETROLEUM HYDROCARBONS											
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			5950	NR		<	10.3	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A2-4C			SB17A2-6A			SB17A2-6C		
Collect Date	ICC	PMC	12/21/98			12/17/98			12/17/98		
Sample Interval			5'2" - 7'2"			1' - 3'			5' - 7'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)											
Aluminum	NC	NC	8760	NR		3330	NR		2560	NR	
Antimony	8200	0.06	<	10.5	U	<	10.6	U	<	10.3	U
Arsenic	10	0.5	6.58	NR		4.61	NR		3.74	NR	
Barium	140000	10	19	NR		31.6	NR		13.8	NR	
Beryllium	2	0.04	0.36	NR	J	0.277	NR	J	0.159	NR	J
Cadmium	1000	0.05	<	1.05	U	0.711	NR	J	<	1.03	U
Calcium	NC	NC	952	NR		7420	NR		650	NR	
Chromium	51000	0.5	37.7	NR		26.2	NR		5.19	NR	
Cobalt	NC	NC	11.9	NR		3.37	NR		2.19	NR	
Copper	76000	13	37.4	NR		19.7	NR		7.56	NR	
Iron	NC	NC	18600	NR		7800	NR		7880	NR	
Lead	1000	0.15	11.2	NR		3880	NR		3.5	NR	
Magnesium	NC	NC	5850	NR		1820	NR		1230	NR	
Manganese	NC	NC	448	NR		478	NR		194	NR	
Mercury	610	0.02	<	0.105	U	<	0.106	U	<	0.103	U
Nickel	7500	1	47.6	NR		7.81	NR		3.9	NR	J
Potassium	NC	NC	1160	NR		693	NR		486	NR	J
Selenium	10000	0.5	<	1.05	U	<	1.06	U	<	1.03	U
Silver	10000	0.36	<	2.09	U	<	2.12	U	<	2.07	U
Sodium	NC	NC	234	NR		221	NR		121	NR	
Thallium	160	0.05	<	1.05	U	<	1.06	U	<	1.03	U
Vanadium	14000	0.5	21.9	NR		17	NR		6.87	NR	
Zinc	610000	50	37.1	NR		45.2	NR		15.8	NR	
METALS BY GRAPHITE FURNACE											
Antimony	8200	0.06	<	1.26	U	<	1.27	U	<	1.24	U
OTHER PARAMETERS											
Cation Excange Capacity	NC	NC	--			2	NR		6	NR	
Cyanide	41000	2	<	0.52	U	<	0.53	U	<	0.52	U
Total Organic Carbon (TOC)	NC	NC	--			0.718	0.00011		<	0.11	U

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-1A			SB17A3-1A			SB17A3-1B			SB17A3-2A			SB17A3-2A			SB17A3-2B			SB17A3-3A			SB17A3-3A			SB17A3-3B		
Collect Date	ICC	PMC	12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/7/98			12/7/98			12/7/98		
Sample Interval			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																													
1,1,1-Trichloroethane	1000	40	0.080	0.006		--			0.160	0.920	J	0.140	0.005		--			0.017	0.005		0.004	0.005	J	--			<	4.800	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
1,1,2-Trichloroethane	100	1	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
1,1-Dichloroethane	1000	14	0.061	0.006		--			<	0.920	U	0.059	0.005		--			0.003	0.005	J	0.004	0.005	J	--			<	4.800	U
1,1-Dichloroethylene	9.5	1.4	0.001	0.006	J	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
1,2-Dichloroethane	63	0.2	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
1,2-Dichloropropane	84	1	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
2-Butanone	1000	80	<	0.012	UJ	--			<	0.920	U	0.011	0.005	J	--			<	0.009	UJ	<	0.015	U	--			<	4.800	UJ
2-Hexanone	NC	NC	<	0.012	U	--			<	0.920	U	<	0.010	U	--			<	0.009	U	<	0.009	U	--			<	4.800	U
Acetone	1000	140	0.014	0.006		--			<	2.100	U	0.022	0.005		--			0.009	0.005		<	0.047	U	--			<	4.800	U
Benzene	200	0.2	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	0.001	0.005	J	--			<	4.800	U
Bromodichloromethane	NC	NC	<	0.006	UJ	--			<	0.920	U	<	0.005	UJ	--			<	0.005	UJ	<	0.005	UJ	--			<	4.800	U
Bromoform	720	0.8	<	0.006	U	--			<	0.920	UJ	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
Bromomethane	NC	NC	<	0.012	U	--			<	0.920	U	<	0.010	U	--			<	0.009	U	<	0.009	U	--			<	4.800	U
Carbon disulfide	NC	NC	<	0.006	U	--			<	0.920	U	0.001	0.005	J	--			<	0.005	U	<	0.005	U	--			<	4.800	U
Carbon tetrachloride	44	1	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	UJ	--			<	4.800	U
Chlorobenzene	1000	20	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
Chloroethane	NC	NC	<	0.012	U	--			<	0.920	U	<	0.010	U	--			<	0.009	U	<	0.009	U	--			<	4.800	U
Chloroform	940	1.2	<	0.006	U	--			<	0.920	U	0.002	0.005	J	--			0.003	0.005	J	0.002	0.005	J	--			<	4.800	U
Chloromethane	NC	NC	<	0.012	U	--			<	0.920	U	<	0.010	U	--			<	0.009	U	<	0.009	U	--			<	4.800	U
cis-1,2-Dichloroethylene	100	14	0.042	0.006		--			<	0.920	U	0.001	0.005	J	--			<	0.005	U	0.006	0.005		--			<	4.800	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
Dibromochloromethane	68	0.1	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	UJ	--			<	4.800	U
Ethylbenzene	1000	10.1	<	0.006	U	--			0.130	0.920	J	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
Methyl isobutyl ketone	1000	14	<	0.012	U	--			<	0.920	U	<	0.010	U	--			<	0.009	U	<	0.009	U	--			<	4.800	U
Methylene chloride	760	1	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	UJ
Styrene	1000	20	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
Tetrachloroethylene	110	1	0.017	0.006	J	--			<	0.920	U	0.001	0.005	J	--			<	0.005	UJ	0.003	0.005	J	--			<	4.800	U
Toluene	1000	67	<	0.006	U	--			<	0.920	U	0.001	0.005	J	--			0.000	0.005	J	0.019	0.005		--			<	4.800	U
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	--			<	0.920	U	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	4.800	U
Trichloroethylene	520	1	0.032	0.006		--			<	0.920	U	0.002	0.005	J	--			0.001	0.005	J	0.043	0.005		--			<	4.800	U
Vinyl acetate	NC	NC	<	0.012	U	--			<	0.920	U	<	0.010	U	--			<	0.009	U	<	0.009	U	--			<	4.800	U
Vinyl chloride	3	0.4	<	0.012	U	--			<	0.920	U	<	0.010	U	--			<	0.009	U	<	0.009	U	--			<	4.800	U
Xylenes, Total	1000	19.5	<	0.006	U	--			0.600	0.920	J	0.000	0.005	J	--			<	0.005	U	0.012	0.005		--			<	4.800	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-1A			SB17A3-1A			SB17A3-1B			SB17A3-2A			SB17A3-2A			SB17A3-2B			SB17A3-3A			SB17A3-3A			SB17A3-3B		
Collect Date	ICC	PMC	12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/7/98			12/7/98			12/7/98		
Sample Interval			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																													
1,2,4-Trichlorobenzene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
1,2-Dichlorobenzene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
1,3-Dichlorobenzene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
1,4-Dichlorobenzene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
2,4,5-Trichlorophenol	NC	NC	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
2,4,6-Trichlorophenol	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
2,4-Dichlorophenol	2500	4	<	9.96	U	--			<	12.8	U	<	9.71	U	--			<	10.4	U	<	9.54	U	--			<	10.2	U
2,4-Dimethylphenol	NC	NC	<	9.96	U	--			<	12.8	U	<	9.71	U	--			<	10.4	U	<	9.54	U	--			<	10.2	U
2,4-Dinitrophenol	NC	NC	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
2,4-Dinitrotoluene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
2,6-Dinitrotoluene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
2-Chloronaphthalene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
2-Chlorophenol	2500	7.2	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
2-Methylnaphthalene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
2-Methylphenol	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
2-Nitroaniline	NC	NC	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
2-Nitrophenol	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
3,3'-Dichlorobenzidine	NC	NC	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
3-Nitroaniline	NC	NC	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
4,6-Dinitro-2-methylphenol	NC	NC	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
4-Bromophenylphenyl ether	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
4-Chloro-3-methylphenol	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
4-Chloroaniline	NC	NC	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
4-Chlorophenylphenyl ether	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
4-Methylphenol	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
4-Nitroaniline	NC	NC	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
4-Nitrophenol	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Acenaphthene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Acenaphthylene	2500	84	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Anthracene	2500	400	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Benzo(b)fluoranthene	7.8	1	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Benzo(g,h,i)fluoranthene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Benzo(a)anthracene	7.8	1	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Benzo(a)pyrene	1	1	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Benzo(k)fluoranthene	78	1	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Bis(2-chloroethyl) ether	5.2	2.4	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Bis(2-chloroisopropyl) ether	82	2.4	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Bis(2-ethylhexyl) phthalate	410	11	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Butylbenzyl phthalate	2500	200	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Carbazole	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-1A			SB17A3-1A			SB17A3-1B			SB17A3-2A			SB17A3-2A			SB17A3-2B			SB17A3-3A			SB17A3-3A			SB17A3-3B		
Collect Date	ICC	PMC	12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/7/98			12/7/98			12/7/98		
Sample Interval			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Di-n-butyl phthalate	2500	140	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Di-n-octyl phthalate	2500	20	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Dibenz(a,h)anthracene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Dibenzofuran	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Diethyl phthalate	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Dimethyl phthalate	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Fluoranthene	2500	56	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Fluorene	2500	56	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Hexachlorobenzene	3.6	1	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Hexachlorobutadiene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Hexachlorocyclopentadiene	NC	NC	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
Hexachloroethane	410	1	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Isophorone	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
N-Nitrosodi-n-propylamine	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
N-Nitrosodiphenylamine	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Napthalene	2500	56	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Nitrobenzene	NC	NC	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Pentachlorophenol	48	1	<	27.5	U	--			<	35.3	U	<	26.9	U	--			<	28.8	U	<	26.4	U	--			<	28.1	U
Phenanthrene	2500	40	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Phenol	2500	800	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
Pyrene	2500	40	<	11	U	--			<	14	U	<	10.7	U	--			<	11.4	U	<	10.5	U	--			<	11.2	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																													
PCB 1016	NC	NC	<	0.0442	U	<	0.02	U	--			<	0.431	U	<	0.02	U	--			<	0.424	U	<	0.02	U	--		
PCB 1221	NC	NC	<	0.0885	U	<	0.02	U	--			<	0.863	U	<	0.02	U	--			<	0.848	U	<	0.02	U	--		
PCB 1232	NC	NC	<	0.0442	U	<	0.01	U	--			<	0.431	U	<	0.01	U	--			<	0.424	U	<	0.01	U	--		
PCB 1242	NC	NC	<	0.0885	U	<	0.01	U	--			<	0.863	U	<	0.01	U	--			<	0.848	U	<	0.01	U	--		
PCB 1248	NC	NC	<	0.0885	U	<	0.01	U	--			<	0.863	U	<	0.01	U	--			<	0.848	U	<	0.01	U	--		
PCB 1254	NC	NC	<	0.0442	U	<	0.01	U	--			<	0.431	U	<	0.01	U	--			<	0.424	U	<	0.01	U	--		
PCB 1260	NC	NC	0.177	NR		<	0.01	U	--			0.678	NR		<	0.01	U	--			1.03	NR	J	<	0.01	U	--		
TOTAL PETROLEUM HYDROCARBONS																													
Total Petroleum Hydrocarbons (TPH)	2500	2500	2820	NR		--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-1A			SB17A3-1A			SB17A3-1B			SB17A3-2A			SB17A3-2A			SB17A3-2B			SB17A3-3A			SB17A3-3A			SB17A3-3B		
Collect Date	ICC	PMC	12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/7/98			12/7/98			12/7/98		
Sample Interval			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																													
Aluminum	NC	NC	9040	NR		--			11400	NR		10100	NR		--			11400	NR		7200	NR		--			4050	NR	
Antimony	8200	0.06	<	11.1	U	--			<	14.2	U	<	10.8	U	--			<	11.6	U	<	10.6	U	--			<	11.3	U
Arsenic	10	0.5	6.35	NR		--			6.58	NR		5.61	NR		--			6.13	NR		4.93	NR		--			3.42	NR	
Barium	140000	10	46	NR		--			35.4	NR		51.3	NR		--			60.3	NR		47.1	NR		--			25.9	NR	
Beryllium	2	0.04	0.331	NR	J	--			0.48	NR	J	0.335	NR	J	--			0.306	NR	J	0.8	NR	J	--			0.156	NR	J
Cadmium	1000	0.05	0.675	NR	J	--			0.807	NR	J	0.589	NR	J	--			<	1.16	U	3.7	NR		--			2.57	NR	
Calcium	NC	NC	3780	NR		--			2130	NR		3260	NR		--			2480	NR		5080	NR		--			1870	NR	
Chromium	51000	0.5	21.4	NR		--			28.5	NR		28.5	NR		--			28.5	NR		20.5	NR		--			11.4	NR	
Cobalt	NC	NC	6.67	NR		--			10.2	NR		8.91	NR		--			9.64	NR		6.18	NR		--			3.8	NR	
Copper	76000	13	29.3	NR		--			44.3	NR		51.2	NR		--			62.2	NR		23.8	NR		--			20.2	NR	
Iron	NC	NC	15400	NR		--			22400	NR		17600	NR		--			19200	NR		13400	NR		--			7500	NR	
Lead	1000	0.15	18.5	NR		--			16.6	NR		631	NR		--			10.3	NR		16.9	NR		--			8.88	NR	
Magnesium	NC	NC	4790	NR		--			4870	NR		5650	NR		--			6830	NR		3490	NR		--			2030	NR	
Manganese	NC	NC	227	NR		--			305	NR		200	NR		--			264	NR		240	NR		--			106	NR	
Mercury	610	0.02	<	0.111	U	--			<	0.142	U	1.02	NR		--			<	0.116	U	0.207	NR		--			0.103	NR	
Nickel	7500	1	18.2	NR		--			31.3	NR		39.3	NR		--			27.9	NR		15.4	NR		--			7.17	NR	
Potassium	NC	NC	2070	NR		--			<	1730	U	3600	NR		--			4860	NR		1710	NR		--			873	NR	
Selenium	10000	0.5	<	1.11	U	--			<	1.42	U	<	1.08	U	--			<	1.16	U	<	1.06	U	--			<	1.13	U
Silver	10000	0.36	<	2.21	U	--			<	2.84	U	<	2.16	U	--			<	2.31	U	<	2.12	U	--			<	2.26	U
Sodium	NC	NC	133	NR		--			250	NR		161	NR		--			486	NR		115	NR		--			62.4	NR	J
Thallium	160	0.05	<	1.11	U	--			<	1.42	U	<	1.08	U	--			<	1.16	U	<	1.06	U	--			<	1.13	U
Vanadium	14000	0.5	26.3	NR		--			29.2	NR		43.1	NR		--			31.3	NR		20.4	NR		--			10.5	NR	
Zinc	610000	50	69.1	NR		--			56.8	NR		101	NR		--			66.7	NR		56.8	NR		--			41.2	NR	
METALS BY GRAPHITE FURNACE																													
Antimony	8200	0.06	--			--			--			--			--			--			2.32	0.01		--			<	1.36	U
OTHER PARAMETERS																													
Cation Excange Capacity	NC	NC	1.42	NR		--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.55	U	--			<	0.71	U	<	0.54	U	--			<	0.58	U	<	0.53	U	--			<	0.56	U
Total Organic Carbon (TOC)	NC	NC	0.507	0.00011		--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-4A			SB17A3-4A			SB17A3-4B			SB17A3-5A			SB17A3-5A			SB17A3-5B			SB17A3-6A			SB17A3-6A		
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98		
Sample Interval			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'8" - 2'8"			0'8" - 2'8"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	--			0.004	0.005	J	0.020	0.005		--			<	0.005	U	<	0.870	U	--		
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
1,1,2-Trichloroethane	100	1	0.001	0.005	J	--			<	0.005	U	<	0.005	U	--						<	0.870	U	--		
1,1-Dichloroethane	1000	14	<	0.005	U	--			0.002	0.005	J	0.001	0.005	J	--			<	0.005	U	<	0.870	U	--		
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
1,2-Dichloroethane	63	0.2	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
1,2-Dichloropropane	84	1	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
2-Butanone	1000	80	<	0.010	UJ	--			<	0.010	UJ	0.006	0.005	J	--			<	0.012	UJ	<	1.000	U	--		
2-Hexanone	NC	NC	<	0.010	U	--			<	0.010	U	<	0.009	U	--			<	0.012	U	<	0.870	U	--		
Acetone	1000	140	<	0.020	U	--			<	0.022	U	<	0.019	U	--			<	0.046	U	<	3.100	U	--		
Benzene	200	0.2	<	0.005	U	--			0.001	0.005	J	<	0.005	U	--			0.002	0.005	J	<	0.870	U	--		
Bromodichloromethane	NC	NC	<	0.005	UJ	--			<	0.005	UJ	<	0.005	UJ	--			<	0.005	U	<	0.870	U	--		
Bromoform	720	0.8	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	UJ	--		
Bromomethane	NC	NC	<	0.010	U	--			<	0.010	U	<	0.009	U	--			<	0.012	U	<	0.870	U	--		
Carbon disulfide	NC	NC	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
Carbon tetrachloride	44	1	<	0.005	UJ	--			<	0.005	UJ	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
Chlorobenzene	1000	20	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
Chloroethane	NC	NC	<	0.010	U	--			<	0.010	U	<	0.009	U	--			<	0.012	U	<	0.870	U	--		
Chloroform	940	1.2	0.002	0.005	J	--			0.003	0.005	J	0.003	0.005	J	--			<	0.005	U	<	0.870	U	--		
Chloromethane	NC	NC	<	0.010	U	--			<	0.010	U	<	0.009	U	--			<	0.012	U	<	0.870	U	--		
cis-1,2-Dichloroethylene	100	14	0.001	0.005	J	--			0.004	0.005	J	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
Dibromochloromethane	68	0.1	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
Ethylbenzene	1000	10.1	<	0.005	U	--			0.000	0.005	J	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
Methyl isobutyl ketone	1000	14	<	0.010	U	--			<	0.010	U	<	0.009	U	--			<	0.012	U	<	0.870	U	--		
Methylene chloride	760	1	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	UJ	--		
Styrene	1000	20	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
Tetrachloroethylene	110	1	<	0.005	UJ	--			0.002	0.005	J	0.002	0.005	J	--			<	0.005	UJ	<	0.870	U	--		
Toluene	1000	67	<	0.005	U	--			0.003	0.005	J	<	0.005	U	--			0.001	0.005	J	<	0.870	U	--		
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.870	U	--		
Trichloroethylene	520	1	0.004	0.005	J	--			0.036	0.005		0.001	0.005	J	--			<	0.005	U	<	0.870	U	--		
Vinyl acetate	NC	NC	<	0.010	U	--			<	0.010	U	<	0.009	U	--			<	0.012	U	<	0.870	U	--		
Vinyl chloride	3	0.4	<	0.010	U	--			<	0.010	U	<	0.009	U	--			<	0.012	U	<	0.870	U	--		
Xylenes, Total	1000	19.5	<	0.005	U	--			0.005	0.005		<	0.005	U	--			<	0.005	U	<	0.870	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-4A			SB17A3-4A			SB17A3-4B			SB17A3-5A			SB17A3-5A			SB17A3-5B			SB17A3-6A			SB17A3-6A		
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98		
Sample Interval			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'8" - 2'8"			0'8" - 2'8"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
1,2-Dichlorobenzene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
1,3-Dichlorobenzene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
1,4-Dichlorobenzene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
2,4,5-Trichlorophenol	NC	NC	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
2,4,6-Trichlorophenol	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
2,4-Dichlorophenol	2500	4	<	9.69	U	--			<	11.1	U	<	9.99	U	--			<	10.1	U	<	9.8	U	--		
2,4-Dimethylphenol	NC	NC	<	9.69	U	--			<	11.1	U	<	9.99	U	--			<	10.1	U	<	9.8	U	--		
2,4-Dinitrophenol	NC	NC	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
2,4-Dinitrotoluene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
2,6-Dinitrotoluene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
2-Chloronaphthalene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
2-Chlorophenol	2500	7.2	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
2-Methylnaphthalene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
2-Methylphenol	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
2-Nitroaniline	NC	NC	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
2-Nitrophenol	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
3,3'-Dichlorobenzidine	NC	NC	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
3-Nitroaniline	NC	NC	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
4,6-Dinitro-2-methylphenol	NC	NC	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
4-Bromophenylphenyl ether	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
4-Chloro-3-methylphenol	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
4-Chloroaniline	NC	NC	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
4-Chlorophenylphenyl ether	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
4-Methylphenol	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
4-Nitroaniline	NC	NC	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
4-Nitrophenol	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Acenaphthene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Acenaphthylene	2500	84	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Anthracene	2500	400	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Benzo(b)fluoranthene	7.8	1	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Benzo(g,h,I)fluoranthene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Benzo(a)anthracene	7.8	1	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Benzo(a)pyrene	1	1	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Benzo(k)fluoranthene	78	1	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Bis(2-chloroethyl) ether	5.2	2.4	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Bis(2-chloroisopropyl) ether	82	2.4	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Bis(2-ethylhexyl) phthalate	410	11	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Butylbenzyl phthalate	2500	200	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Carbazole	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-4A			SB17A3-4A			SB17A3-4B			SB17A3-5A			SB17A3-5A			SB17A3-5B			SB17A3-6A			SB17A3-6A		
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98		
Sample Interval			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'8" - 2'8"			0'8" - 2'8"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Di-n-butyl phthalate	2500	140	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Di-n-octyl phthalate	2500	20	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Dibenz(a,h)anthracene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Dibenzofuran	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Diethyl phthalate	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Dimethyl phthalate	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Fluoranthene	2500	56	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Fluorene	2500	56	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Hexachlorobenzene	3.6	1	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Hexachlorobutadiene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Hexachlorocyclopentadiene	NC	NC	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
Hexachloroethane	410	1	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Isophorone	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
N-Nitrosodi-n-propylamine	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
N-Nitrosodiphenylamine	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Napthalene	2500	56	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Nitrobenzene	NC	NC	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Pentachlorophenol	48	1	<	26.8	U	--			<	30.8	U	<	27.6	U	--			<	27.8	U	<	27.1	U	--		
Phenanthrene	2500	40	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Phenol	2500	800	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
Pyrene	2500	40	<	10.7	U	--			<	12.2	U	<	11	U	--			<	11.1	U	<	10.8	U	--		
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.431	U	<	0.02	U	--			<	0.0444	U	<	0.02	U	<	0.043	U	<	0.436	U	<	0.02	U
PCB 1221	NC	NC	<	0.861	U	<	0.02	U	--			<	0.0888	U	<	0.02	U	<	0.0859	U	<	0.871	U	<	0.02	U
PCB 1232	NC	NC	<	0.431	U	<	0.01	U	--			<	0.0444	U	<	0.01	U	<	0.043	U	<	0.436	U	<	0.01	U
PCB 1242	NC	NC	<	0.861	U	<	0.01	U	--			<	0.0888	U	<	0.01	U	<	0.0859	U	<	0.871	U	<	0.01	U
PCB 1248	NC	NC	<	0.861	U	<	0.01	U	--			<	0.0888	U	<	0.01	U	<	0.0859	U	<	0.871	U	<	0.01	U
PCB 1254	NC	NC	<	0.431	U	<	0.01	U	--			<	0.0444	U	<	0.01	U	<	0.043	U	<	0.436	U	<	0.01	U
PCB 1260	NC	NC	1.07	NR	J	<	0.01	U	--			0.376	NR		<	0.01	U	0.034	NR		0.694	NR		<	0.01	U
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			3440	NR		--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-4A			SB17A3-4A			SB17A3-4B			SB17A3-5A			SB17A3-5A			SB17A3-5B			SB17A3-6A			SB17A3-6A		
Collect Date	ICC	PMC	12/7/98			12/7/98			12/7/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98		
Sample Interval			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'8" - 2'8"			0'8" - 2'8"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	5650	NR		--			7710	NR		9680	NR		--			8210	NR		9480	NR		--		
Antimony	8200	0.06	5.32	0.01	J	--			7.12	0.01	J	<	11.1	U	--			<	11.2	U	<	10.9	U	--		
Arsenic	10	0.5	4.19	NR		--			4.54	NR		7.03	NR		--			6.48	NR		5.38	NR		--		
Barium	140000	10	29	NR		--			71	NR		43.7	NR		--			18.8	NR		40.2	NR		--		
Beryllium	2	0.04	0.217	NR	J	--			0.301	NR	J	0.368	NR	J	--			0.338	NR	J	0.349	NR	J	--		
Cadmium	1000	0.05	1.03	NR	J	--			1.04	NR	J	<	1.11	U	--			<	1.12	U	<	1.09	U	--		
Calcium	NC	NC	957	NR		--			10000	NR		2410	NR		--			1360	NR		1550	NR		--		
Chromium	51000	0.5	25.3	NR		--			27.5	NR		19.5	NR		--			21.8	NR		26.2	NR		--		
Cobalt	NC	NC	5.68	NR		--			6.36	NR		9.15	NR		--			8.61	NR		8.29	NR		--		
Copper	76000	13	23	NR		--			22.4	NR		25.3	NR		--			32	NR		34.3	NR		--		
Iron	NC	NC	10300	NR		--			11600	NR		15200	NR		--			17700	NR		14200	NR		--		
Lead	1000	0.15	21.6	NR		--			23.3	NR		14.7	NR		--			11	NR		22	NR		--		
Magnesium	NC	NC	2510	NR		--			4080	NR		4440	NR		--			3800	NR		4620	NR		--		
Manganese	NC	NC	143	NR		--			157	NR		255	NR		--			356	NR		167	NR		--		
Mercury	610	0.02	0.0965	NR	J	--			0.126	NR		0.299	NR		--			0.517	NR		0.368	NR		--		
Nickel	7500	1	13.7	NR		--			16.2	NR		18.2	NR		--			25.9	NR		26.9	NR		--		
Potassium	NC	NC	1210	NR		--			1630	NR		2580	NR		--			<	1730	U	2460	NR		--		
Selenium	10000	0.5	<	1.08	U	--			<	1.24	U	<	1.11	U	--			<	1.12	U	<	1.09	U	--		
Silver	10000	0.36	1	NR		--			<	2.47	U	<	2.22	U	--			<	2.15	U	<	2.23	U	--		
Sodium	NC	NC	59.4	NR	J	--			1070	NR		133	NR		--			179	NR		126	NR		--		
Thallium	160	0.05	<	1.08	U	--			<	1.24	U	<	1.11	U	--			<	1.12	U	<	1.09	U	--		
Vanadium	14000	0.5	18.8	NR		--			20.3	NR		23.8	NR		--			25.1	NR		27.6	NR		--		
Zinc	610000	50	125	NR		--			170	NR		74.7	NR		--			43	NR		113	NR		--		
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.29	U	--			<	1.48	U	--			--			<	1.07	U	--			--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			0.575	NR	J	--		
Cyanide	41000	2	<	0.54	U	--			<	0.62	U	<	0.55	U	--			<	0.56	U	<	0.54	U			
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			0.378	0.00011		--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-6B			SB17A3-7A			SB17A3-7A			SB17A3-7B			SB17A3-8A			SB17A3-8A			SB17A3-8B			SB17A4-1A			SB17A4-1C		
Collect Date	ICC	PMC	12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/7/98			12/7/98		
Sample Interval			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			0'9" - 2'9"			0'6" - 2'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																													
1,1,1-Trichloroethane	1000	40	0.270	1.000	J	0.005	0.005		--			<	1.000	U	0.005	0.005		--			<	0.900	U	0.014	0.006		0.004	0.005	J
1,1,2,2-Tetrachloroethane	220	0.1	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	0.008	0.006		0.007	0.005	
1,1-Dichloroethylene	9.5	1.4	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	0.009	0.006		<	0.005	U
1,2-Dichloroethane	63	0.2	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
1,2-Dichloropropane	84	1	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
2-Butanone	1000	80	<	1.000	U	<	0.010	UJ	--			<	1.000	UJ	<	0.010	U	--			<	0.900	UJ	<	0.012	UJ	<	0.010	U
2-Hexanone	NC	NC	<	1.000	U	<	0.010	U	--			<	1.000	U	<	0.010	U	--			<	0.900	U	<	0.012	U	<	0.010	U
Acetone	1000	140	<	2.100	U	0.011	0.005		--			<	1.000	U	<	0.032	U	--			0.600	0.000	J	<	0.016	U	<	0.010	U
Benzene	200	0.2	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	0.001	0.006	J	<	0.005	U
Bromodichloromethane	NC	NC	<	1.000	U	<	0.005	UJ	--			<	1.000	U	<	0.005	UJ	--			<	0.900	U	<	0.006	UJ	<	0.005	U
Bromoform	720	0.8	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
Bromomethane	NC	NC	<	1.000	U	<	0.010	U	--			<	1.000	U	<	0.010	U	--			<	0.900	U	<	0.012	U	<	0.010	U
Carbon disulfide	NC	NC	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
Carbon tetrachloride	44	1	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	UJ	--			<	0.900	U	<	0.006	UJ	<	0.005	U
Chlorobenzene	1000	20	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
Chloroethane	NC	NC	<	1.000	U	<	0.010	U	--			<	1.000	U	<	0.010	U	--			<	0.900	U	<	0.012	U	<	0.010	U
Chloroform	940	1.2	<	1.000	U	0.003	0.005	J	--			<	1.000	U	0.003	0.005	J	--			<	0.900	U	0.003	0.006	J	0.003	0.005	J
Chloromethane	NC	NC	<	1.000	U	<	0.010	U	--			<	1.000	U	<	0.010	U	--			<	0.900	U	<	0.012	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	0.014	0.006		0.006	0.005	
cis-1,3-Dichloropropene	NC	NC	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
Dibromochloromethane	68	0.1	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	UJ	--			<	0.900	U	<	0.006	U	<	0.005	U
Ethylbenzene	1000	10.1	0.074	1.000	J	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
Methyl isobutyl ketone	1000	14	<	1.000	U	<	0.010	U	--			<	1.000	U	<	0.010	U	--			<	0.900	U	<	0.012	U	<	0.010	U
Methylene chloride	760	1	<	1.000	UJ	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
Styrene	1000	20	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
Tetrachloroethylene	110	1	<	1.000	U	<	0.005	UJ	--			<	1.000	U	<	0.005	UJ	--			<	0.900	U	0.007	0.006	J	0.001	0.005	J
Toluene	1000	67	<	1.000	U	0.001	0.005	J	--			<	1.000	U	<	0.005	U	--			<	0.900	U	0.001	0.006	J	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	1.000	U	<	0.005	U	--			<	1.000	U	<	0.005	U	--			<	0.900	U	<	0.006	U	<	0.005	U
Trichloroethylene	520	1	<	1.000	U	0.000	0.005	J	--			<	1.000	U	0.002	0.005	J	--			<	0.900	U	0.040	0.006		0.002	0.005	J
Vinyl acetate	NC	NC	<	1.000	U	<	0.010	U	--			<	1.000	U	<	0.010	U	--			<	0.900	U	<	0.012	U	<	0.010	U
Vinyl chloride	3	0.4	<	1.000	U	<	0.010	U	--			<	1.000	U	<	0.010	U	--			<	0.900	U	<	0.012	U	<	0.010	U
Xylenes, Total	1000	19.5	0.450	1.000	J	0.000	0.005	J	--			<	1.000	U	0.004	0.005	J	--			<	0.900	U	0.002	0.006	J	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-6B			SB17A3-7A			SB17A3-7A			SB17A3-7B			SB17A3-8A			SB17A3-8A			SB17A3-8B			SB17A4-1A			SB17A4-1C		
Collect Date	ICC	PMC	12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/7/98			12/7/98		
Sample Interval			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			0'9" - 2'9"			0'6" - 2'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																													
1,2,4-Trichlorobenzene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
1,2-Dichlorobenzene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
1,3-Dichlorobenzene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
1,4-Dichlorobenzene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
2,4,5-Trichlorophenol	NC	NC	<	26.6	U	<	27.7	U	--			<	9.9	U	<	26	U	--			<	27.5	U	<	26.6	U	<	30.3	U
2,4,6-Trichlorophenol	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
2,4-Dichlorophenol	2500	4	<	9.63	U	<	10	U	--			<	10.4	U	<	9.39	U	--			<	9.94	U	<	9.63	U	<	10.9	U
2,4-Dimethylphenol	NC	NC	<	9.63	U	<	10	U	--			<	10.4	U	<	9.39	U	--			<	9.94	U	<	9.63	U	<	10.9	U
2,4-Dinitrophenol	NC	NC	<	26.6	U	<	27.7	U	--			<	28.9	U	<	26	U	--			<	27.5	U	<	9.9	U	<	30.3	U
2,4-Dinitrotoluene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
2,6-Dinitrotoluene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
2-Chloronaphthalene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
2-Chlorophenol	2500	7.2	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
2-Methylnaphthalene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
2-Methylphenol	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
2-Nitroaniline	NC	NC	<	26.6	U	<	27.7	U	--			<	28.9	U	<	26	U	--			<	27.5	U	<	26.6	U	<	30.3	U
2-Nitrophenol	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
3,3'-Dichlorobenzidine	NC	NC	<	26.6	U	<	27.7	U	--			<	28.9	U	<	26	U	--			<	27.5	U	<	26.6	U	<	30.3	U
3-Nitroaniline	NC	NC	<	26.6	U	<	27.7	U	--			<	28.9	U	<	26	U	--			<	27.5	U	<	26.6	U	<	30.3	U
4,6-Dinitro-2-methylphenol	NC	NC	<	26.6	U	<	27.7	U	--			<	28.9	U	<	26	U	--			<	27.5	U	<	26.6	U	<	30.3	U
4-Bromophenylphenyl ether	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
4-Chloro-3-methylphenol	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
4-Chloroaniline	NC	NC	<	26.6	U	<	27.7	U	--			<	28.9	U	<	26	U	--			<	27.5	U	<	26.6	U	<	30.3	U
4-Chlorophenylphenyl ether	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
4-Methylphenol	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
4-Nitroaniline	NC	NC	<	26.6	U	<	27.7	U	--			<	28.9	U	<	26	U	--			<	27.5	U	<	26.6	U	<	30.3	U
4-Nitrophenol	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Acenaphthene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Acenaphthylene	2500	84	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Anthracene	2500	400	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Benzo(b)fluoranthene	7.8	1	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Benzo(a)anthracene	7.8	1	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Benzo(a)pyrene	1	1	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Benzo(k)fluoranthene	78	1	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Butylbenzyl phthalate	2500	200	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Carbazole	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-6B			SB17A3-7A			SB17A3-7A			SB17A3-7B			SB17A3-8A			SB17A3-8A			SB17A3-8B			SB17A4-1A			SB17A4-1C		
Collect Date	ICC	PMC	12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/7/98			12/7/98		
Sample Interval			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			0'9" - 2'9"			0'6" - 2'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Di-n-butyl phthalate	2500	140	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Di-n-octyl phthalate	2500	20	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Dibenz(a,h)anthracene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Dibenzofuran	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Diethyl phthalate	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Dimethyl phthalate	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Fluoranthene	2500	56	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Fluorene	2500	56	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Hexachlorobenzene	3.6	1	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Hexachlorobutadiene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Hexachlorocyclopentadiene	NC	NC	<	26.6	U	<	27.7	U	--			<	28.9	U	<	26	U	--			<	27.5	U	<	26.6	U	<	30.3	U
Hexachloroethane	410	1	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Isophorone	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
N-Nitrosodiphenylamine	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Napthalene	2500	56	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Nitrobenzene	NC	NC	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Pentachlorophenol	48	1	<	26.6	U	<	27.7	U	--			<	28.9	U	<	26	U	--			<	27.5	U	<	26.6	U	<	30.3	U
Phenanthrene	2500	40	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Phenol	2500	800	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
Pyrene	2500	40	<	10.6	U	<	11	U	--			<	11.5	U	<	10.3	U	--			<	10.9	U	<	10.6	U	<	12	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																													
PCB 1016	NC	NC	--			<	0.445	U	<	0.02	U	--			<	0.835	U	<	0.02	U	--			<	0.214	U	--		
PCB 1221	NC	NC	--			<	0.89	U	<	0.02	U	--			<	1.67	U	<	0.02	U	--			<	0.428	U	--		
PCB 1232	NC	NC	--			<	0.445	U	<	0.01	U	--			<	0.835	U	<	0.01	U	--			<	0.214	U	--		
PCB 1242	NC	NC	--			<	0.89	U	<	0.01	U	--			<	1.67	U	<	0.01	U	--			<	0.428	U	--		
PCB 1248	NC	NC	--			<	0.89	U	<	0.01	U	--			<	1.67	U	<	0.01	U	--			<	0.428	U	--		
PCB 1254	NC	NC	--			<	0.445	U	<	0.01	U	--			<	0.835	U	<	0.01	U	--			<	0.214	U	--		
PCB 1260	NC	NC	--			0.484	NR		<	0.01	U	--			<	0.835	U	<	0.01	U	--			0.615	NR	J	--		
TOTAL PETROLEUM HYDROCARBONS																													
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			73	NR		--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A3-6B			SB17A3-7A			SB17A3-7A			SB17A3-7B			SB17A3-8A			SB17A3-8A			SB17A3-8B			SB17A4-1A			SB17A4-1C		
Collect Date	ICC	PMC	12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/4/98			12/7/98			12/7/98		
Sample Interval			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			2'9" - 4'9"			0'9" - 2'9"			0'9" - 2'9"			0'9" - 2'9"			0'6" - 2'			4' - 6'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																													
Aluminum	NC	NC	10100	NR		8620	NR		--			7750	NR		8560	NR		--			9650	NR		6160	NR		2470	NR	
Antimony	8200	0.06	<	10.7	U	<	11.1	U	--			<	11.6	U	<	10.4	U	--			<	11	U	<	10.7	U	<	12.2	U
Arsenic	10	0.5	4.72	NR		4.29	NR		--			4.08	NR		7.01	NR		--			11.1	NR		3.95	NR		1.58	NR	
Barium	140000	10	29.8	NR		41.3	NR		--			37.9	NR		44.5	NR		--			44.1	NR		27.7	NR		13.5	NR	
Beryllium	2	0.04	0.358	NR	J	0.315	NR	J	--			0.266	NR	J	0.337	NR	J	--			0.582	NR	J	0.253	NR	J	0.0792	NR	J
Cadmium	1000	0.05	<	1.07	U	<	1.11	U	--			<	1.16	U	<	1.04	U	--			<	1.1	U	0.78	NR	J	0.209	NR	J
Calcium	NC	NC	2040	NR		2810	NR		--			1450	NR		3920	NR		--			1350	NR		1300	NR		742	NR	
Chromium	51000	0.5	27.3	NR		16.2	NR		--			13	NR		16.4	NR		--			23.7	NR		28.8	NR		21.2	NR	
Cobalt	NC	NC	8.04	NR		6.03	NR		--			6.16	NR		8.46	NR		--			8.3	NR		4.96	NR		1.85	NR	J
Copper	76000	13	38.2	NR		19.6	NR		--			14.4	NR		24.2	NR		--			22.5	NR		20.9	NR		5.88	NR	
Iron	NC	NC	15600	NR		14000	NR		--			12100	NR		16200	NR		--			19100	NR		10500	NR		4960	NR	
Lead	1000	0.15	14.5	NR		13.9	NR		--			5.28	NR		7.55	NR		--			25.2	NR		19.4	NR		2.88	NR	
Magnesium	NC	NC	5020	NR		3880	NR		--			3480	NR		4600	NR		--			4890	NR		2720	NR		1200	NR	
Manganese	NC	NC	195	NR		188	NR		--			150	NR		228	NR		--			154	NR		154	NR		94.1	NR	
Mercury	610	0.02	0.126	NR		0.0989	NR	J	--			<	0.116	U	0.137	NR		--			0.648	NR		0.113	NR		0.405	NR	
Nickel	7500	1	31	NR	J	13.9	NR		--			11.4	NR		14	NR		--			26.6	NR		11.6	NR		3.61	NR	J
Potassium	NC	NC	<	1830	U	2200	NR		--			2440	NR		2790	NR		--			2640	NR		1430	NR		492	NR	J
Selenium	10000	0.5	<	1.07	U	<	1.11	U	--			<	1.16	U	<	1.04	U	--			<	1.1	U	<	1.07	U	<	1.22	U
Silver	10000	0.36	<	2.18	U	<	2.14	U	--			<	2.22	U	<	2.32	U	--			<	2.09	U	<	2.21	U	<	2.14	U
Sodium	NC	NC	105	NR		172	NR		--			349	NR		125	NR		--			730	NR		99.7	NR	J	67.1	NR	
Thallium	160	0.05	<	1.07	U	<	1.11	U	--			<	1.16	U	<	1.04	U	--			<	1.1	U	<	1.07	U	<	1.22	U
Vanadium	14000	0.5	22.9	NR		35.8	NR		--			18.2	NR		24.4	NR		--			29.6	NR		17.3	NR		6.38	NR	
Zinc	610000	50	80.4	NR		44.7	NR		--			27.2	NR		37.8	NR		--			153	NR		76.6	NR		11.8	NR	
METALS BY GRAPHITE FURNACE																													
Antimony	8200	0.06	--			--			--			--			--			--			--			<	1.28	U	<	1.46	U
OTHER PARAMETERS																													
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			<	1.18	U	--		
Cyanide	41000	2	<	0.53	U	<	0.56	U	--			<	0.58	U	<	0.52	U	--			<	0.55	U	<	0.53	U	<	0.61	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			2340	0.00011		--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A5-1A			SB17A5-1C			SB17B1-1A			SB17B1-1C			SB17C1-1A			SB17C1-1B			SB19A1-1A			SB19A1-1A		
Collect Date	ICC	PMC	12/10/98			12/10/98			12/14/98			12/14/98			12/4/98			12/4/98			11/18/98			11/18/98		
Sample Interval			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.006	U	<	1.300	U	<	0.005	U	0.003	0.005	J	0.001	0.005	J	0.007	0.006		<	0.008	U	--		
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
1,1,2-Trichloroethane	100	1	<	0.006	U	<	1.300	U	0.000	0.005	J	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	UJ	--		
1,1-Dichloroethane	1000	14	<	0.006	U	<	1.300	U	<	0.005	U	0.005	0.005		<	0.005	U	0.001	0.006	J	<	0.008	U	--		
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
1,2-Dichloroethane	63	0.2	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
1,2-Dichloropropane	84	1	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
2-Butanone	1000	80	<	0.013	UJ	<	1.300	UJ	<	0.011	U	<	0.012	UJ	<	0.010	UJ	0.014	0.006	J	<	0.015	UJ	--		
2-Hexanone	NC	NC	<	0.013	U	<	1.300	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.015	U	--		
Acetone	1000	140	<	0.013	U	<	1.400	U	<	0.011	U	<	0.031	U	<	0.028	U	0.035	0.006		0.023	0.008	J	--		
Benzene	200	0.2	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	0.001	0.005	J	0.015	0.006		<	0.008	U	--		
Bromodichloromethane	NC	NC	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.006	UJ	<	0.008	UJ	--		
Bromoform	720	0.8	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
Bromomethane	NC	NC	<	0.013	U	<	1.300	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.015	U	--		
Carbon disulfide	NC	NC	<	0.006	U	<	1.300	U	<	0.005	U	0.002	0.005	J	<	0.005	U	0.003	0.006	J	<	0.008	UJ	--		
Carbon tetrachloride	44	1	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	UJ	--		
Chlorobenzene	1000	20	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
Chloroethane	NC	NC	<	0.013	U	<	1.300	U	<	0.011	U	0.011	0.005		<	0.010	U	<	0.011	U	<	0.015	U	--		
Chloroform	940	1.2	0.003	0.000	J	<	1.300	U	0.004	0.005	J	0.002	0.005	J	<	0.005	U	0.005	0.006	J	0.002	0.008	J	--		
Chloromethane	NC	NC	<	0.013	U	<	1.300	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.015	U	--		
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	0.003	0.006	J	<	0.008	U	--		
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
Dibromochloromethane	68	0.1	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	UJ	--		
Ethylbenzene	1000	10.1	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	0.002	0.006	J	<	0.008	U	--		
Methyl isobutyl ketone	1000	14	<	0.013	U	<	1.300	U	<	0.011	U	0.001	0.005	J	<	0.010	U	0.002	0.006	J	<	0.015	U	--		
Methylene chloride	760	1	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	UJ	--		
Styrene	1000	20	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
Tetrachloroethylene	110	1	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	0.001	0.005	J	0.007	0.006	J	<	0.008	UJ	--		
Toluene	1000	67	<	0.006	U	<	1.300	U	<	0.005	U	0.001	0.005	J	0.001	0.005	J	0.010	0.006		<	0.008	U	--		
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.008	U	--		
Trichloroethylene	520	1	<	0.006	U	<	1.300	U	0.001	0.005	J	0.001	0.005	J	0.004	0.005	J	0.038	0.006		<	0.008	U	--		
Vinyl acetate	NC	NC	<	0.013	U	<	1.300	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.015	U	--		
Vinyl chloride	3	0.4	<	0.013	U	<	1.300	U	<	0.011	U	<	0.010	U	<	0.010	U	<	0.011	U	<	0.015	U	--		
Xylenes, Total	1000	19.5	<	0.006	U	<	1.300	U	<	0.005	U	<	0.005	U	0.001	0.005	J	0.007	0.006		<	0.008	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A5-1A			SB17A5-1C			SB17B1-1A			SB17B1-1C			SB17C1-1A			SB17C1-1B			SB19A1-1A			SB19A1-1A		
Collect Date	ICC	PMC	12/10/98			12/10/98			12/14/98			12/14/98			12/4/98			12/4/98			11/18/98			11/18/98		
Sample Interval			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
1,2-Dichlorobenzene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
1,3-Dichlorobenzene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
1,4-Dichlorobenzene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
2,4,5-Trichlorophenol	NC	NC	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
2,4,6-Trichlorophenol	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
2,4-Dichlorophenol	2500	4	<	9.64	U	<	10.3	U	<	9.28	U	<	10.6	U	<	9.67	U	<	9.9	U	<	0.315	UJ	--		
2,4-Dimethylphenol	NC	NC	<	9.64	U	<	10.3	U	<	9.28	U	<	10.6	U	<	9.67	U	<	9.9	U	<	0.315	UJ	--		
2,4-Dinitrophenol	NC	NC	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
2,4-Dinitrotoluene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
2,6-Dinitrotoluene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
2-Chloronaphthalene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
2-Chlorophenol	2500	7.2	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
2-Methylnaphthalene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
2-Methylphenol	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
2-Nitroaniline	NC	NC	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
2-Nitrophenol	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
3,3'-Dichlorobenzidine	NC	NC	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
3-Nitroaniline	NC	NC	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
4,6-Dinitro-2-methylphenol	NC	NC	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
4-Bromophenylphenyl ether	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
4-Chloro-3-methylphenol	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
4-Chloroaniline	NC	NC	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
4-Chlorophenylphenyl ether	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
4-Methylphenol	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
4-Nitroaniline	NC	NC	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
4-Nitrophenol	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Acenaphthene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Acenaphthylene	2500	84	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Anthracene	2500	400	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Benzo(b)fluoranthene	7.8	1	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	0.0764	0.347	J	--		
Benzo(g,h,I)fluoranthene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Benzo(a)anthracene	7.8	1	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Benzo(a)pyrene	1	1	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Benzo(k)fluoranthene	78	1	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Bis(2-chloroethyl) ether	5.2	2.4	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Bis(2-chloroisopropyl) ether	82	2.4	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Bis(2-ethylhexyl) phthalate	410	11	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Butylbenzyl phthalate	2500	200	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Carbazole	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A5-1A			SB17A5-1C			SB17B1-1A			SB17B1-1C			SB17C1-1A			SB17C1-1B			SB19A1-1A			SB19A1-1A		
Collect Date	ICC	PMC	12/10/98			12/10/98			12/14/98			12/14/98			12/4/98			12/4/98			11/18/98			11/18/98		
Sample Interval			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Di-n-butyl phthalate	2500	140	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Di-n-octyl phthalate	2500	20	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Dibenz(a,h)anthracene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Dibenzofuran	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Diethyl phthalate	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	0.457	0.347		--		
Dimethyl phthalate	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Fluoranthene	2500	56	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	0.0818	0.347	J	--		
Fluorene	2500	56	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Hexachlorobenzene	3.6	1	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Hexachlorobutadiene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Hexachlorocyclopentadiene	NC	NC	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
Hexachloroethane	410	1	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Isophorone	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
N-Nitrosodi-n-propylamine	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
N-Nitrosodiphenylamine	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Napthalene	2500	56	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Nitrobenzene	NC	NC	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Pentachlorophenol	48	1	<	26.7	U	<	28.6	U	<	25.7	U	<	29.4	U	<	26.7	U	<	26.7	U	<	0.873	UJ	--		
Phenanthrene	2500	40	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Phenol	2500	800	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
Pyrene	2500	40	<	10.6	U	<	11.4	U	<	10.2	U	<	11.7	U	<	10.6	U	<	10.9	U	<	0.347	UJ	--		
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0428	U	--			<	0.0412	U	--			<	0.043	U	--			<	0.0421	UUJ	<	0.02	UJ
PCB 1221	NC	NC	<	0.0857	U	--			<	0.0825	U	--			<	0.0859	U	--			<	0.0841	UUJ	<	0.02	UJ
PCB 1232	NC	NC	<	0.0428	U	--			<	0.0412	U	--			<	0.043	U	--			<	0.086	UUJ	<	0.01	UJ
PCB 1242	NC	NC	<	0.0857	U	--			<	0.0825	U	--			<	0.0859	U	--			<	0.172	UUJ	<	0.01	UJ
PCB 1248	NC	NC	<	0.0857	U	--			<	0.0825	U	--			<	0.0859	U	--			<	0.172	UUJ	<	0.01	UJ
PCB 1254	NC	NC	<	0.0428	U	--			<	0.0412	U	--			<	0.043	U	--			<	0.086	UUJ	<	0.01	UJ
PCB 1260	NC	NC	<	0.0428	U	--			<	0.0412	U	--			0.026	NR	J	--			0.266	NR	J	<	0.01	UJ
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			22	NR		--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB17A5-1A			SB17A5-1C			SB17B1-1A			SB17B1-1C			SB17C1-1A			SB17C1-1B			SB19A1-1A			SB19A1-1A		
Collect Date	ICC	PMC	12/10/98			12/10/98			12/14/98			12/14/98			12/4/98			12/4/98			11/18/98			11/18/98		
Sample Interval			0'8" - 2'8"			4'8" - 6'8"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	7850	NR		2200	NR		5060	NR		7980	NR		6880	NR		7630	NR		7170	NR		--		
Antimony	8200	0.06	<	10.7	U	<	11.5	U	<	10.3	U	<	11.8	U	<	10.7	U	<	11	U	<	10.8	U	--		
Arsenic	10	0.5	2.37	NR		0.929	NR	J	1.35	NR		3.56	NR		4.23	NR		4.09	NR		4.01	NR		--		
Barium	140000	10	17.9	NR		8.93	NR		16.8	NR		30.2	NR		56.6	NR		94.3	NR		55.9	NR		--		
Beryllium	2	0.04	0.298	NR	J	0.145	NR	J	0.128	NR	J	0.349	NR	J	0.291	NR	J	0.322	NR	J	0.411	NR	J	--		
Cadmium	1000	0.05	<	1.07	U	0.167	NR	J	<	1.03	U	<	1.18	U	<	1.07	U	1.51	NR		<	1.08	U	0.035	0.999	J
Calcium	NC	NC	871	NR		<	300	U	4210	NR		2380	NR		9190	NR		6610	NR		1850	NR		--		
Chromium	51000	0.5	10.3	NR		5.35	NR		5.72	NR		9.86	NR		110	NR		83.9	NR		11.6	NR		<	0.5	U
Cobalt	NC	NC	4.63	NR		2.47	NR		5.13	NR		3.77	NR		4.32	NR		5.64	NR		5.6	NR		--		
Copper	76000	13	9.2	NR		5.07	NR		20.3	NR		12.5	NR		24.4	NR		31.7	NR		23.7	NR		--		
Iron	NC	NC	10500	NR		3570	NR		12800	NR		10900	NR		17800	NR		16800	NR		10200	NR		--		
Lead	1000	0.15	4.93	NR		2.79	NR		4.81	NR		11.5	NR		19.7	NR		33.3	NR		12.2	NR		<	0.25	U
Magnesium	NC	NC	2070	NR		814	NR		2420	NR		2060	NR		4110	NR		4280	NR		2800	NR		--		
Manganese	NC	NC	101	NR		43.6	NR		168	NR		172	NR		1010	NR		816	NR		199	NR		--		
Mercury	610	0.02	<	0.107	U	<	0.115	U	<	0.103	U	0.0478	NR	J	0.0347	NR	J	0.378	NR		<	0.11	U	--		
Nickel	7500	1	6	NR		<	5.74	U	5.31	NR		7.28	NR		10.6	NR		14.5	NR		13.6	NR		<	0.05	U
Potassium	NC	NC	326	NR	J	505	NR	J	756	NR		372	NR	J	<	2040	U	2180	NR		1670	NR		--		
Selenium	10000	0.5	<	1.07	U	<	1.15	U	<	1.03	U	<	1.18	U	<	1.07	U	<	1.1	U	<	1.08	U	--		
Silver	10000	0.36	<	2.43	U	<	2.14	U	<	2.3	U	<	2.06	U	<	2.36	U	<	2.15	U	<	2.2	U	--		
Sodium	NC	NC	88.5	NR	J	59.7	NR	J	300	NR		123	NR		103	NR	J	132	NR		94.1	NR	J	--		
Thallium	160	0.05	<	1.07	U	<	1.15	U	<	1.03	U	<	1.18	U	<	1.07	U	<	1.1	U	<	1.08	U	--		
Vanadium	14000	0.5	13.9	NR		6.11	NR		29.1	NR		12.9	NR		26	NR		30.6	NR		18.2	NR		<	0.05	U
Zinc	610000	50	22.2	NR		7.88	NR		24.4	NR		31.4	NR		117	NR		95	NR		46.2	NR		--		
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.28	U	<	1.38	U	<	1.24	U	<	1.42	U	--			--			<	1.08	U	--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			1	NR		--			--			--			--			--		
Cyanide	41000	2	<	0.54	U	<	0.57	U	<	0.52	U	<	0.59	U	<	0.54	U	<	0.55	U	<	0.54	U	--		
Total Organic Carbon (TOC)	NC	NC	--			--			0.07	0.00011		--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-1B			SB19A1-1B			SB19A1-2A			SB19A1-2A			SB19A1-2B			SB19A1-2B			SB19A1-3A			SB19A1-3A		
Collect Date	ICC	PMC	11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98		
Sample Interval			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.008	U	--			<	0.005	UJ	--			<	0.005	UJ	--			<	0.005	UJ	--		
1,1,2,2-Tetrachloroethane	220	0.1	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
1,1,2-Trichloroethane	100	1	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
1,1-Dichloroethane	1000	14	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
1,1-Dichloroethylene	9.5	1.4	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
1,2-Dichloroethane	63	0.2	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
1,2-Dichloropropane	84	1	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
2-Butanone	1000	80	<	0.017	U	--			<	0.009	U	--			<	0.011	U	--			<	0.010	U	--		
2-Hexanone	NC	NC	<	0.017	U	--			<	0.009	U	--			<	0.011	U	--			<	0.010	U	--		
Acetone	1000	140	<	0.017	U	--			0.015	0.005	J	--			0.012	0.005	J	--			0.011	0.005	J	--		
Benzene	200	0.2	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
Bromodichloromethane	NC	NC	<	0.008	U	--			<	0.005	UJ	--			<	0.005	UJ	--			<	0.005	UJ	--		
Bromoform	720	0.8	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
Bromomethane	NC	NC	<	0.017	U	--			<	0.009	U	--			<	0.011	U	--			<	0.010	U	--		
Carbon disulfide	NC	NC	<	0.008	U	--			<	0.005	UJ	--			<	0.005	UJ	--			<	0.005	UJ	--		
Carbon tetrachloride	44	1	<	0.008	U	--			<	0.005	UJ	--			<	0.005	UJ	--			<	0.005	UJ	--		
Chlorobenzene	1000	20	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
Chloroethane	NC	NC	<	0.017	U	--			<	0.009	U	--			<	0.011	U	--			<	0.010	U	--		
Chloroform	940	1.2	0.004	0.008	J	--			0.001	0.005	J	--			0.002	0.005	J	--			0.002	0.005	J	--		
Chloromethane	NC	NC	<	0.017	U	--			<	0.009	U	--			<	0.011	U	--			<	0.010	U	--		
cis-1,2-Dichloroethylene	100	14	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
cis-1,3-Dichloropropene	NC	NC	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
Dibromochloromethane	68	0.1	<	0.008	U	--			<	0.005	UJ	--			<	0.005	UJ	--			<	0.005	UJ	--		
Ethylbenzene	1000	10.1	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
Methyl isobutyl ketone	1000	14	<	0.017	U	--			<	0.009	U	--			<	0.011	U	--			<	0.010	U	--		
Methylene chloride	760	1	<	0.008	U	--			<	0.005	UJ	--			<	0.005	UJ	--			<	0.005	UJ	--		
Styrene	1000	20	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
Tetrachloroethylene	110	1	<	0.008	U	--			<	0.005	UJ	--			<	0.005	UJ	--			<	0.005	UJ	--		
Toluene	1000	67	0.000	0.008	J	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
trans-1,2-Dichloroethylene	1000	20	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
trans-1,3-Dichloropropene	NC	NC	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
Trichloroethylene	520	1	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		
Vinyl acetate	NC	NC	<	0.017	U	--			<	0.009	U	--			<	0.011	U	--			<	0.010	U	--		
Vinyl chloride	3	0.4	<	0.017	U	--			<	0.009	U	--			<	0.011	U	--			<	0.010	U	--		
Xylenes, Total	1000	19.5	<	0.008	U	--			<	0.005	U	--			<	0.005	U	--			<	0.005	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-1B			SB19A1-1B			SB19A1-2A			SB19A1-2A			SB19A1-2B			SB19A1-2B			SB19A1-3A			SB19A1-3A		
Collect Date	ICC	PMC	11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98		
Sample Interval			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
1,2-Dichlorobenzene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
1,3-Dichlorobenzene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
1,4-Dichlorobenzene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
2,4,5-Trichlorophenol	NC	NC	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
2,4,6-Trichlorophenol	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
2,4-Dichlorophenol	2500	4	<	0.332	U	--			<	0.337	U	--			<	0.36	U	--			<	0.361	U	--		
2,4-Dimethylphenol	NC	NC	<	0.332	U	--			<	0.337	U	--			<	0.328	U	--			<	0.361	U	--		
2,4-Dinitrophenol	NC	NC	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
2,4-Dinitrotoluene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
2,6-Dinitrotoluene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
2-Chloronaphthalene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
2-Chlorophenol	2500	7.2	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
2-Methylnaphthalene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
2-Methylphenol	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
2-Nitroaniline	NC	NC	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
2-Nitrophenol	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
3,3'-Dichlorobenzidine	NC	NC	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
3-Nitroaniline	NC	NC	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
4,6-Dinitro-2-methylphenol	NC	NC	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
4-Bromophenylphenyl ether	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
4-Chloro-3-methylphenol	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
4-Chloroaniline	NC	NC	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
4-Chlorophenylphenyl ether	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
4-Methylphenol	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
4-Nitroaniline	NC	NC	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
4-Nitrophenol	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Acenaphthene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Acenaphthylene	2500	84	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Anthracene	2500	400	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			0.0772	0.361	J	--		
Benzo(b)fluoranthene	7.8	1	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			0.138	0.361		--		
Benzo(g,h,I)fluoranthene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Benzo(a)anthracene	7.8	1	<	0.365	U	--			<	0.371	U	--			0.0867	0.36	J	--			0.191	0.361		--		
Benzo(a)pyrene	1	1	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			0.106	0.361		--		
Benzo(k)fluoranthene	78	1	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Bis(2-chloroethyl) ether	5.2	2.4	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Bis(2-chloroisopropyl) ether	82	2.4	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Bis(2-ethylhexyl) phthalate	410	11	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Butylbenzyl phthalate	2500	200	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Carbazole	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-1B			SB19A1-1B			SB19A1-2A			SB19A1-2A			SB19A1-2B			SB19A1-2B			SB19A1-3A			SB19A1-3A		
Collect Date	ICC	PMC	11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98		
Sample Interval			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			0.142	0.361		--		
Di-n-butyl phthalate	2500	140	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Di-n-octyl phthalate	2500	20	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Dibenz(a,h)anthracene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Dibenzofuran	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Diethyl phthalate	NC	NC	0.437	0.365	J	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Dimethyl phthalate	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Fluoranthene	2500	56	<	0.365	U	--			<	0.371	U	--			0.163	0.36		--			0.381	0.361		--		
Fluorene	2500	56	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Hexachlorobenzene	3.6	1	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Hexachlorobutadiene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Hexachlorocyclopentadiene	NC	NC	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
Hexachloroethane	410	1	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Isophorone	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
N-Nitrosodi-n-propylamine	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
N-Nitrosodiphenylamine	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Napthalene	2500	56	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Nitrobenzene	NC	NC	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Pentachlorophenol	48	1	<	0.925	U	--			<	0.953	U	--			<	0.949	U	--			<	0.909	U	--		
Phenanthrene	2500	40	<	0.365	U	--			0.0919	0.00000011	J	--			0.168	0.36		--			<	0.361	U	--		
Phenol	2500	800	<	0.365	U	--			<	0.371	U	--			<	0.36	U	--			<	0.361	U	--		
Pyrene	2500	40	<	0.365	U	--			0.157	0.00000011		--			<	0.36	U	--			0.387	0.361		--		
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			--			<	0.045	U	--			--			--			<	0.0438	U	--		
PCB 1221	NC	NC	--			--			<	0.0918	U	--			--			--			<	0.0903	U	--		
PCB 1232	NC	NC	--			--			<	0.045	U	--			--			--			<	0.0438	U	--		
PCB 1242	NC	NC	--			--			<	0.09	U	--			--			--			<	0.0876	U	--		
PCB 1248	NC	NC	--			--			<	0.0918	U	--			--			--			<	0.0876	U	--		
PCB 1254	NC	NC	--			--			<	0.0459	U	--			--			--			<	0.0451	U	--		
PCB 1260	NC	NC	--			--			<	0.045	U	--			--			--			<	0.0438	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-1B			SB19A1-1B			SB19A1-2A			SB19A1-2A			SB19A1-2B			SB19A1-2B			SB19A1-3A			SB19A1-3A		
Collect Date	ICC	PMC	11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98			11/18/98		
Sample Interval			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	4130	NR		--			9900	NR		--			4700	NR		--			9260	NR		--		
Antimony	8200	0.06	<	11.1	U	--			<	11.2	U	--			<	10.9	U	--			<	11.3	U	--		
Arsenic	10	0.5	3.5	NR		--			1.97	NR		--			<	1.09	U	--			4.78	NR		--		
Barium	140000	10	21	NR		--			15.9	NR		--			8.47	NR		--			30.1	NR		--		
Beryllium	2	0.04	0.213	NR	J	--			0.369	NR	J	--			0.22	NR	J	--			0.455	NR	J	--		
Cadmium	1000	0.05	<	1.11	U	<	0.05	U	<	1.12	U	<	0.05	U	<	1.09	U	<	0.05	U	<	1.13	U	0.06	0.999	J
Calcium	NC	NC	615	NR		--			191	NR		--			183	NR		--			762	NR		--		
Chromium	51000	0.5	11.9	NR		<	0.5	U	8.65	NR		<	0.5	U	5.51	NR		<	0.5	U	17.9	NR		<	0.5	U
Cobalt	NC	NC	2.85	NR		--			2.24	NR	J	--			2.66	NR		--			7.5	NR		--		
Copper	76000	13	20.3	NR		--			5.93	NR		--			6.9	NR		--			20.4	NR		--		
Iron	NC	NC	7920	NR		--			11700	NR		--			6040	NR		--			14400	NR		--		
Lead	1000	0.15	9.46	NR		<	0.25	U	5.68	NR		<	0.25	U	3.15	NR		<	0.25	U	12.9	NR		<	0.25	U
Magnesium	NC	NC	1750	NR		--			1420	NR		--			1170	NR		--			3760	NR		--		
Manganese	NC	NC	117	NR		--			122	NR		--			74.8	NR		--			168	NR		--		
Mercury	610	0.02	<	0.11	U	--			<	0.11	U	--			<	0.11	U	--			<	0.11	U	--		
Nickel	7500	1	6.93	NR		<	0.05	U	6	NR		<	0.05	U	5.09	NR	J	<	0.05	U	16.9	NR		<	0.05	U
Potassium	NC	NC	744	NR		--			<	562	U	--			369	NR	J	--			1240	NR		--		
Selenium	10000	0.5	<	1.11	U	--			<	1.12	U	--			<	1.09	U	--			<	1.13	U	--		
Silver	10000	0.36	<	2.15	U	--			<	2.21	U	--			<	2.25	U	--			<	2.18	U	--		
Sodium	NC	NC	21.3	NR	J	--			72	NR	J	--			21	NR	J	--			45.8	NR	J	--		
Thallium	160	0.05	<	1.11	U	--			<	1.12	U	--			<	1.09	U	--			<	1.13	U	--		
Vanadium	14000	0.5	10.6	NR		<	0.05	U	14.1	NR		<	0.05	U	8.74	NR		<	0.05	U	21.5	NR		<	0.05	U
Zinc	610000	50	25.7	NR		--			21.4	NR		--			12.5	NR		--			34.3	NR		--		
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.11	U	--			<	1.12	U				<	1.09	U	--			0.209	0.01		--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.55	U	--			<	0.56	U	--			<	0.55	U	--			<	0.56	U	--		
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-3B			SB19A1-3B			SB19A1-4A			SB19A1-4A			SB19A1-4B			SB19A1-4B			SB19A1-4C			SB19A1-5A		
Collect Date	ICC	PMC	11/18/98			11/18/98			11/19/98			11/19/98			11/19/98			11/19/98			12/1/98			11/19/98		
Sample Interval			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.007	UJ	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	UJ
1,1,2,2-Tetrachloroethane	220	0.1	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
1,1,2-Trichloroethane	100	1	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
1,1-Dichloroethane	1000	14	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
1,1-Dichloroethylene	9.5	1.4	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
1,2-Dichloroethane	63	0.2	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
1,2-Dichloropropane	84	1	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
2-Butanone	1000	80	<	0.013	U	--			<	0.013	U	--			<	0.010	U	--			--			<	0.009	U
2-Hexanone	NC	NC	<	0.013	U	--			<	0.013	U	--			<	0.010	U	--			--			<	0.009	U
Acetone	1000	140	0.032	0.007	J	--			<	0.013	U	--			<	0.010	U	--			--			<	0.009	U
Benzene	200	0.2	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Bromodichloromethane	NC	NC	<	0.007	UJ	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Bromoform	720	0.8	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Bromomethane	NC	NC	<	0.013	U	--			<	0.013	UJ	--			<	0.010	UJ	--			--			<	0.009	UJ
Carbon disulfide	NC	NC	<	0.007	UJ	--			<	0.006	UJ	--			<	0.005	UJ	--			--			<	0.004	U
Carbon tetrachloride	44	1	<	0.007	UJ	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Chlorobenzene	1000	20	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Chloroethane	NC	NC	<	0.013	U	--			<	0.013	U	--			<	0.010	U	--			--			<	0.009	U
Chloroform	940	1.2	0.002	0.007	J	--			<	0.006	U	--			<	0.005	U	--			--			0.002	0.004	J
Chloromethane	NC	NC	<	0.013	U	--			<	0.013	U	--			<	0.010	U	--			--			<	0.009	U
cis-1,2-Dichloroethylene	100	14	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
cis-1,3-Dichloropropene	NC	NC	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Dibromochloromethane	68	0.1	<	0.007	UJ	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Ethylbenzene	1000	10.1	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Methyl isobutyl ketone	1000	14	<	0.013	U	--			<	0.013	U	--			<	0.010	U	--			--			<	0.009	U
Methylene chloride	760	1	<	0.007	UJ	--			<	0.006	UJ	--			<	0.005	U	--			--			<	0.004	U
Styrene	1000	20	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Tetrachloroethylene	110	1	<	0.007	UJ	--			0.003	0.006	J	--			0.004	0.005	J	--			--			0.008	0.004	
Toluene	1000	67	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
trans-1,2-Dichloroethylene	1000	20	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
trans-1,3-Dichloropropene	NC	NC	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U
Trichloroethylene	520	1	<	0.007	U	--			<	0.006	U	--			0.001	0.005	J	--			--			0.002	0.004	J
Vinyl acetate	NC	NC	<	0.013	U	--			<	0.013	U	--			<	0.010	U	--			--			<	0.009	U
Vinyl chloride	3	0.4	<	0.013	U	--			<	0.013	U	--			<	0.010	U	--			--			<	0.009	U
Xylenes, Total	1000	19.5	<	0.007	U	--			<	0.006	U	--			<	0.005	U	--			--			<	0.004	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-3B			SB19A1-3B			SB19A1-4A			SB19A1-4A			SB19A1-4B			SB19A1-4B			SB19A1-4C			SB19A1-5A		
Collect Date	ICC	PMC	11/18/98			11/18/98			11/19/98			11/19/98			11/19/98			11/19/98			12/1/98			11/19/98		
Sample Interval			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
1,2-Dichlorobenzene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
1,3-Dichlorobenzene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
1,4-Dichlorobenzene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
2,4,5-Trichlorophenol	NC	NC	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
2,4,6-Trichlorophenol	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
2,4-Dichlorophenol	2500	4	<	0.336	U	--			<	0.324	U	--			--			--			<	0.364	U	<	0.352	U
2,4-Dimethylphenol	NC	NC	<	0.336	U	--			<	0.324	U	--			--			--			<	0.364	U	<	0.352	U
2,4-Dinitrophenol	NC	NC	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
2,4-Dinitrotoluene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
2,6-Dinitrotoluene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
2-Chloronaphthalene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
2-Chlorophenol	2500	7.2	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
2-Methylnaphthalene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
2-Methylphenol	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
2-Nitroaniline	NC	NC	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
2-Nitrophenol	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
3,3'-Dichlorobenzidine	NC	NC	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
3-Nitroaniline	NC	NC	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
4-Bromophenylphenyl ether	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
4-Chloro-3-methylphenol	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
4-Chloroaniline	NC	NC	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
4-Chlorophenylphenyl ether	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
4-Methylphenol	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
4-Nitroaniline	NC	NC	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
4-Nitrophenol	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Acenaphthene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Acenaphthylene	2500	84	<	0.369	U	--			0.151	0.356		--			--			--			<	0.4	U	<	0.387	U
Anthracene	2500	400	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	0.083	0.387	
Benzo(b)fluoranthene	7.8	1	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	0.442	0.387	
Benzo(g,h,I)fluoranthene	NC	NC	<	0.369	U	--			0.228	0.356		--			--			--			<	0.4	U	0.133	0.387	
Benzo(a)anthracene	7.8	1	0.125	0.369		--			0.558	0.356		--			--			--			<	0.4	U	0.375	0.387	
Benzo(a)pyrene	1	1	<	0.369	U	--			0.736	0.356		--			--			--			<	0.4	U	0.321	0.387	
Benzo(k)fluoranthene	78	1	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Butylbenzyl phthalate	2500	200	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Carbazole	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-3B			SB19A1-3B			SB19A1-4A			SB19A1-4A			SB19A1-4B			SB19A1-4B			SB19A1-4C			SB19A1-5A		
Collect Date	ICC	PMC	11/18/98			11/18/98			11/19/98			11/19/98			11/19/98			11/19/98			12/1/98			11/19/98		
Sample Interval			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.369	U	--			0.571	0.356		--			--			--			<	0.4	U	0.346	0.387	
Di-n-butyl phthalate	2500	140	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Di-n-octyl phthalate	2500	20	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Dibenz(a,h)anthracene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Dibenzofuran	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Diethyl phthalate	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Dimethyl phthalate	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Fluoranthene	2500	56	0.256	0.369		--			0.459	0.356		--			--			--			<	0.4	U	0.642	0.387	
Fluorene	2500	56	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Hexachlorobenzene	3.6	1	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Hexachlorobutadiene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Hexachlorocyclopentadiene	NC	NC	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
Hexachloroethane	410	1	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.369	U	--			0.283	0.356		--			--			--			<	0.4	U	0.124	0.387	
Isophorone	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
N-Nitrosodiphenylamine	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Napthalene	2500	56	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Nitrobenzene	NC	NC	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Pentachlorophenol	48	1	<	1	U	--			<	0.957	U	--			--			--			<	1.01	U	<	0.974	U
Phenanthrene	2500	40	0.362	0.369		--			0.0925	0.356	J	--			--			--			<	0.4	U	0.347	0.387	
Phenol	2500	800	<	0.369	U	--			<	0.356	U	--			--			--			<	0.4	U	<	0.387	U
Pyrene	2500	40	0.275	0.369		--			0.769	0.356		--			--			--			<	0.4	U	0.739	0.387	
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			--			<	0.0446	U	--			--			--			--			<	0.0469	U
PCB 1221	NC	NC	--			--			<	0.0893	U	--			--			--			--			<	0.0939	U
PCB 1232	NC	NC	--			--			<	0.0432	U	--			--			--			--			<	0.0469	U
PCB 1242	NC	NC	--			--			<	0.0864	U	--			--			--			--			<	0.0939	U
PCB 1248	NC	NC	--			--			<	0.0864	U	--			--			--			--			<	0.0939	U
PCB 1254	NC	NC	--			--			<	0.0446	U	--			--			--			--			<	0.0469	U
PCB 1260	NC	NC	--			--			<	0.0446	U	--			--			--			--			<	0.0469	U
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-3B			SB19A1-3B			SB19A1-4A			SB19A1-4A			SB19A1-4B			SB19A1-4B			SB19A1-4C			SB19A1-5A		
Collect Date	ICC	PMC	11/18/98			11/18/98			11/19/98			11/19/98			11/19/98			11/19/98			12/1/98			11/19/98		
Sample Interval			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	4400	NR		--			8430	NR		--			6640	NR		--			--			9460	NR	J
Antimony	8200	0.06	<	11.2	U	--			<	11.2	U	--			<	11.5	U	--			--			<	11.7	UUJ
Arsenic	10	0.5	0.963	NR	J	--			4.58	NR		--			3.42	NR		--			--			3.84	NR	J
Barium	140000	10	12.4	NR		--			25.8	NR		--			23.2	NR		--			--			28.7	NR	
Beryllium	2	0.04	0.215	NR	J	--			0.377	NR	J	--			0.407	NR	J	--			--			0.429	NR	J
Cadmium	1000	0.05	<	1.12	U	<	0.05	U	<	1.12	U	0.053	0.999	J	<	1.15	U	<	0.05	U	--			<	1.17	U
Calcium	NC	NC	559	NR		--			973	NR		--			1010	NR		--			--			<	349	U
Chromium	51000	0.5	6.5	NR		<	0.5	U	12.8	NR		<	0.5	U	8.87	NR		<	0.5	U	--			10.4	NR	J
Cobalt	NC	NC	2.71	NR		--			5.65	NR		--			3.97	NR		--			--			3.26	NR	J
Copper	76000	13	12.2	NR		--			16.7	NR		--			12.1	NR		--			--			13.2	NR	
Iron	NC	NC	6730	NR		--			12400	NR		--			9440	NR		--			--			10800	NR	J
Lead	1000	0.15	33.5	NR		<	0.25	U	11	NR		<	0.25	U	8.57	NR		<	0.25	U	--			21.3	NR	J
Magnesium	NC	NC	1420	NR		--			3020	NR		--			2180	NR		--			--			1920	NR	
Manganese	NC	NC	106	NR		--			183	NR		--			131	NR		--			--			168	NR	
Mercury	610	0.02	<	0.11	U	--			<	0.11	U	--			<	0.12	U	--			--			<	0.12	U
Nickel	7500	1	6.25	NR		<	0.05	U	11.8	NR		<	0.05	U	9.47	NR		<	0.05	U	--			8.34	NR	
Potassium	NC	NC	448	NR	J	--			765	NR		--			857	NR		--			--			<	587	U
Selenium	10000	0.5	<	1.12	U	--			<	1.12	U	--			<	1.15	U	--			--			<	1.17	U
Silver	10000	0.36	<	2.26	U	--			<	2.24	U	--			<	2.23	U	--			--			<	2.31	U
Sodium	NC	NC	21.5	NR	J	--			72.7	NR	J	--			64	NR	J	--			--			72.1	NR	J
Thallium	160	0.05	<	1.12	U	--			<	1.12	U	--			<	1.15	U	--			--			<	1.17	U
Vanadium	14000	0.5	8.46	NR		<	0.05	U	18.3	NR		<	0.05	U	13.6	NR		<	0.05	U	--			14.3	NR	
Zinc	610000	50	16	NR		--			34.8	NR		--			24.9	NR		--			--			25.9	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.12	U	--			<	1.12	U	--			<	1.15	U	--			--			--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.56	U	--			<	0.56	U	--			<	0.58	U	--			--			<	0.59	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-5C			SB19A1-6A			SB19A1-6A			SB19A1-6B			SB20A1-1A			SB20A1-1B			SB20A1-1C			SB20A1-2A		
Collect Date	ICC	PMC	11/19/98			12/2/98			12/2/98			12/2/98			11/20/98			12/2/98			11/20/98			12/9/98		
Sample Interval			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	0.000	0.005	J
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
2-Butanone	1000	80	<	0.013	UJ	<	0.010	UJ	--			<	0.009	UJ	<	0.010	U	--			<	0.009	U	<	0.010	UJ
2-Hexanone	NC	NC	<	0.013	U	<	0.010	UJ	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U
Acetone	1000	140	0.018	0.006		<	0.014	U	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.011	U
Benzene	200	0.2	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	0.000	0.005	J
Bromodichloromethane	NC	NC	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Bromoform	720	0.8	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Bromomethane	NC	NC	<	0.013	UJ	<	0.010	UJ	--			<	0.009	U	<	0.010	UJ	--			<	0.009	UJ	<	0.010	U
Carbon disulfide	NC	NC	<	0.006	UJ	<	0.005	UJ	--			<	0.005	U	<	0.005	UJ	--			<	0.005	UJ	0.000	0.005	J
Carbon tetrachloride	44	1	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Chlorobenzene	1000	20	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Chloroethane	NC	NC	<	0.013	U	<	0.010	UJ	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U
Chloroform	940	1.2	<	0.006	U	0.001	0.005	J	--			0.001	0.005	J	0.001	0.005	J	--			<	0.005	U	0.002	0.005	J
Chloromethane	NC	NC	<	0.013	U	<	0.010	UJ	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	0.005	UJ	--			<	0.005	U	0.001	0.005	J	--			<	0.005	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.005	UJ	--			<	0.005	UJ	<	0.005	U	--			<	0.005	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.006	U	0.001	0.005	J	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	14	<	0.013	U	0.003	0.005	J	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U
Methylene chloride	760	1	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	UJ	--			<	0.005	UJ	<	0.005	UJ
Styrene	1000	20	<	0.006	U	0.003	0.005	J	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Tetrachloroethylene	110	1	0.002	0.006	J	0.013	0.005	J	--			0.006	0.005		<	0.005	U	--			0.001	0.005	J	0.001	0.005	J
Toluene	1000	67	<	0.006	U	0.001	0.005	J	--			<	0.005	U	<	0.005	U	--			<	0.005	U	0.001	0.005	J
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U
Trichloroethylene	520	1	<	0.006	U	0.006	0.005	J	--			0.002	0.005	J	0.007	0.005		--			0.001	0.005	J	0.001	0.005	J
Vinyl acetate	NC	NC	<	0.013	U	<	0.010	UJ	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.013	U	<	0.010	UJ	--			<	0.009	U	<	0.010	U	--			<	0.009	U	<	0.010	U
Xylenes, Total	1000	19.5	<	0.006	U	0.006	0.005	J	--			<	0.005	U	<	0.005	U	--			<	0.005	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-5C			SB19A1-6A			SB19A1-6A			SB19A1-6B			SB20A1-1A			SB20A1-1B			SB20A1-1C			SB20A1-2A		
Collect Date	ICC	PMC	11/19/98			12/2/98			12/2/98			12/2/98			11/20/98			12/2/98			11/20/98			12/9/98		
Sample Interval			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
1,2-Dichlorobenzene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
1,3-Dichlorobenzene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
1,4-Dichlorobenzene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
2,4,5-Trichlorophenol	NC	NC	<	1.77	U	<	0.86	UJ	<	0.5	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
2,4,6-Trichlorophenol	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
2,4-Dichlorophenol	2500	4	<	0.641	U	<	0.1	UJ	<	0.1	UJ	<	0.311	U	<	0.326	U	<	0.319	U	--			<	9.38	U
2,4-Dimethylphenol	NC	NC	<	0.641	U	<	0.1	UJ	<	0.1	UJ	<	0.311	U	<	0.326	U	<	0.319	U	--			<	9.38	U
2,4-Dinitrophenol	NC	NC	<	1.77	U	<	0.86	UJ	<	0.5	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
2,4-Dinitrotoluene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
2,6-Dinitrotoluene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
2-Chloronaphthalene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
2-Chlorophenol	2500	7.2	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
2-Methylnaphthalene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
2-Methylphenol	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
2-Nitroaniline	NC	NC	<	1.77	U	<	0.86	UJ	<	0.5	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
2-Nitrophenol	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
3,3'-Dichlorobenzidine	NC	NC	<	1.77	U	<	0.86	UJ	<	0.2	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
3-Nitroaniline	NC	NC	<	1.77	U	<	0.86	UJ	<	0.5	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.77	U	<	0.86	UJ	<	0.5	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
4-Bromophenylphenyl ether	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
4-Chloro-3-methylphenol	NC	NC	<	0.705	U	<	3.43	UJ	<	0.2	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
4-Chloroaniline	NC	NC	<	1.77	U	<	0.86	UJ	<	0.2	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
4-Chlorophenylphenyl ether	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
4-Methylphenol	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
4-Nitroaniline	NC	NC	<	1.77	U	<	0.86	UJ	<	0.5	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
4-Nitrophenol	NC	NC	<	0.705	U	<	3.43	UJ	<	0.5	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Acenaphthene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	0.835	0.342		<	0.359	U	<	0.351	U	--			<	10.3	U
Acenaphthylene	2500	84	0.351	0.705		<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Anthracene	2500	400	0.323	0.705		<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Benzo(b)fluoranthene	7.8	1	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	0.515	0.359		0.406	0.351		--			<	10.3	U
Benzo(g,h,I)fluoranthene	NC	NC	0.488	0.705		<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Benzo(a)anthracene	7.8	1	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	0.306	0.359		0.368	0.351		--			<	10.3	U
Benzo(a)pyrene	1	1	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	0.273	0.351		--			<	10.3	U
Benzo(k)fluoranthene	78	1	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Benzoic acid	NC	NC	--			--			<	0.5	UJ	--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			<	0.2	UJ	--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	0.105	0.351		--			<	10.3	U
Butylbenzyl phthalate	2500	200	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Carbazole	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-5C			SB19A1-6A			SB19A1-6A			SB19A1-6B			SB20A1-1A			SB20A1-1B			SB20A1-1C			SB20A1-2A		
Collect Date	ICC	PMC	11/19/98			12/2/98			12/2/98			12/2/98			11/20/98			12/2/98			11/20/98			12/9/98		
Sample Interval			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Di-n-butyl phthalate	2500	140	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Di-n-octyl phthalate	2500	20	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Dibenz(a,h)anthracene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	0.408	0.342		<	0.359	U	<	0.351	U	--			<	10.3	U
Dibenzofuran	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Diethyl phthalate	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	0.114	0.359		<	0.351	U	--			<	10.3	U
Dimethyl phthalate	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Fluoranthene	2500	56	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	0.474	0.359		0.586	0.351		--			<	10.3	U
Fluorene	2500	56	0.199	0.705		<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Hexachlorobenzene	3.6	1	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Hexachlorobutadiene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.2	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Hexachlorocyclopentadiene	NC	NC	<	1.77	U	<	0.86	UJ	<	0.1	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
Hexachloroethane	410	1	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Indeno(1,2,3-C,D)pyrene	NC	NC	0.457	0.705		<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Isophorone	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
N-Nitrosodiphenylamine	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Napthalene	2500	56	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Nitrobenzene	NC	NC	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Pentachlorophenol	48	1	<	1.77	U	<	0.86	UJ	<	0.5	UJ	<	8.62	U	<	0.902	U	<	0.882	U	--			<	26	U
Phenanthrene	2500	40	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	0.163	0.359		<	0.351	U	--			<	10.3	U
Phenol	2500	800	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	<	0.351	U	--			<	10.3	U
Pyrene	2500	40	<	0.705	U	<	3.43	UJ	<	0.1	UJ	<	0.342	U	<	0.359	U	0.742	0.351		--			<	10.3	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0415	UUJ	--			--			<	0.0435	U	--			--			<	0.0417	U
PCB 1221	NC	NC	--			<	0.0831	UUJ	--			--			<	0.087	U	--			--			<	0.0834	U
PCB 1232	NC	NC	--			<	0.0415	UUJ	--			--			<	0.0435	U	--			--			<	0.0417	U
PCB 1242	NC	NC	--			<	0.0831	UUJ	--			--			<	0.087	U	--			--			<	0.0834	U
PCB 1248	NC	NC	--			<	0.0831	UUJ	--			--			<	0.087	U	--			--			<	0.0834	U
PCB 1254	NC	NC	--			<	0.0415	UUJ	--			--			<	0.0435	U	--			--			<	0.0417	U
PCB 1260	NC	NC	--			<	0.0415	UUJ	--			--			<	0.0435	U	--			--			0.029	NR	
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB19A1-5C			SB19A1-6A			SB19A1-6A			SB19A1-6B			SB20A1-1A			SB20A1-1B			SB20A1-1C			SB20A1-2A		
Collect Date	ICC	PMC	11/19/98			12/2/98			12/2/98			12/2/98			11/20/98			12/2/98			11/20/98			12/9/98		
Sample Interval			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	3770	NR		9830	NR		--			6170	NR		4080	NR		5020	NR		--			5360	NR	
Antimony	8200	0.06	<	10.7	U	<	10.4	U	--			<	10.4	U	<	10.9	U	<	10.6	U	--			<	10.4	U
Arsenic	10	0.5	2.63	NR		7.87	NR		--			5.62	NR		3.39	NR		2.79	NR		--			3.14	NR	
Barium	140000	10	12.2	NR		46.1	NR		--			24.2	NR		14.5	NR		16.3	NR		--			20.9	NR	
Beryllium	2	0.04	0.146	NR	J	0.337	NR	J	--			0.386	NR	J	0.22	NR	J	0.254	NR	J	--			0.242	NR	J
Cadmium	1000	0.05	0.0924	NR	J	<	1.04	U	--			<	1.04	U	<	1.09	U	0.0993	NR	J	--			<	1.04	U
Calcium	NC	NC	572	NR		1340	NR	J	--			955	NR		895	NR		792	NR		--			1210	NR	
Chromium	51000	0.5	7.5	NR		20.4	NR		--			10.8	NR		11.5	NR		14.8	NR		--			19	NR	
Cobalt	NC	NC	3.55	NR		8.52	NR		--			6.34	NR		3.04	NR		3.91	NR		--			3.76	NR	
Copper	76000	13	11.3	NR		50.1	NR		--			24.2	NR		10.6	NR		11.4	NR		--			19.5	NR	
Iron	NC	NC	6840	NR		15000	NR		--			11400	NR		7100	NR		7790	NR		--			9030	NR	
Lead	1000	0.15	3.35	NR		18.8	NR		--			4.55	NR		9.48	NR		8.66	NR		--			12.7	NR	
Magnesium	NC	NC	2020	NR		5460	NR		--			3030	NR		1440	NR		1600	NR		--			1820	NR	
Manganese	NC	NC	110	NR		188	NR		--			179	NR		111	NR		119	NR		--			146	NR	
Mercury	610	0.02	<	0.11	U	<	0.1	U	--			<	0.1	U	<	0.11	U	<	0.11	U	--			0.0313	NR	J
Nickel	7500	1	11.3	NR		24.9	NR		--			14.7	NR		7.2	NR		7	NR		--			7.36	NR	
Potassium	NC	NC	954	NR		3060	NR		--			1330	NR		499	NR	J	676	NR		--			655	NR	
Selenium	10000	0.5	<	1.07	U	<	1.04	U	--			<	1.04	U	<	1.09	U	<	1.06	U	--			<	1.04	U
Silver	10000	0.36	<	2.35	U	<	2.08	U	--			<	2.14	U	<	2.17	U	<	2.13	U	--			<	2.09	U
Sodium	NC	NC	63.7	NR	J	164	NR		--			119	NR		117	NR		130	NR		--			179	NR	
Thallium	160	0.05	<	1.07	U	<	1.04	U	--			<	1.04	U	<	1.09	U	<	1.06	U	--			<	1.04	U
Vanadium	14000	0.5	9.13	NR		24	NR		--			15.3	NR		9.4	NR		11.9	NR		--			14.9	NR	
Zinc	610000	50	17.6	NR		46.7	NR		--			27.4	NR		30.3	NR		34.1	NR		--			30.6	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			--			--			--			--			--			--			1.24	0.01	
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.53	U	<	0.52	UJ	--			<	0.52	U	<	0.54	U	<	0.53	U	--			<	0.52	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB20A1-2B			SB20A1-3A			SB20A1-3B			SB20A1-3C			SB20A2-1A			SB20A2-1B			SB20A2-2A			SB20A2-2B		
Collect Date	ICC	PMC	12/9/98			11/19/98			12/2/98			11/19/98			11/19/98			11/19/98			12/2/98			12/2/98		
Sample Interval			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1,2-Trichloroethane	100	1	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1-Dichloroethane	1000	14	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,2-Dichloropropane	84	1	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
2-Butanone	1000	80	<	0.012	U	<	0.009	U	--			<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	UJ	<	0.012	UJ
2-Hexanone	NC	NC	<	0.012	U	<	0.009	U	--			<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U
Acetone	1000	140	<	0.012	U	<	0.009	U	--			<	0.010	U	<	0.010	U	<	0.010	U	<	0.027	U	<	0.012	U
Benzene	200	0.2	0.000	0.006	J	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Bromodichloromethane	NC	NC	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	UJ	<	0.006	U
Bromoform	720	0.8	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Bromomethane	NC	NC	<	0.012	U	<	0.009	UJ	--			<	0.010	UJ	<	0.010	UJ	<	0.010	U	<	0.009	U	<	0.012	U
Carbon disulfide	NC	NC	<	0.006	U	<	0.004	UJ	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Carbon tetrachloride	44	1	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	UJ
Chlorobenzene	1000	20	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Chloroethane	NC	NC	<	0.012	U	<	0.009	U	--			<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U
Chloroform	940	1.2	0.001	0.006	J	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	0.001	0.005	J	0.001	0.006	J
Chloromethane	NC	NC	<	0.012	U	<	0.009	U	--			<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Ethylbenzene	1000	10.1	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Methyl isobutyl ketone	1000	14	<	0.012	U	<	0.009	U	--			<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U
Methylene chloride	760	1	<	0.006	UJ	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Styrene	1000	20	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Tetrachloroethylene	110	1	<	0.006	U	0.001	0.004	J	--			<	0.005	U	<	0.005	U	0.001	0.005	J	<	0.005	U	<	0.006	U
Toluene	1000	67	0.001	0.006	J	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Trichloroethylene	520	1	0.001	0.006	J	0.001	0.004	J	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Vinyl acetate	NC	NC	<	0.012	U	<	0.009	U	--			<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U
Vinyl chloride	3	0.4	<	0.012	U	<	0.009	U	--			<	0.010	U	<	0.010	U	<	0.010	U	<	0.009	U	<	0.012	U
Xylenes, Total	1000	19.5	<	0.006	U	<	0.004	U	--			<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB20A1-2B			SB20A1-3A			SB20A1-3B			SB20A1-3C			SB20A2-1A			SB20A2-1B			SB20A2-2A			SB20A2-2B		
Collect Date	ICC	PMC	12/9/98			11/19/98			12/2/98			11/19/98			11/19/98			11/19/98			12/2/98			12/2/98		
Sample Interval			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
1,2-Dichlorobenzene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
1,3-Dichlorobenzene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
1,4-Dichlorobenzene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
2,4,5-Trichlorophenol	NC	NC	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
2,4,6-Trichlorophenol	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
2,4-Dichlorophenol	2500	4	<	9.29	U	<	0.309	U	<	0.316	U	--			<	0.315	U	<	0.324	U	<	0.317	U	<	0.305	U
2,4-Dimethylphenol	NC	NC	<	9.29	U	<	0.309	U	<	0.316	U	--			<	0.315	U	<	0.324	U	<	0.317	U	<	0.305	U
2,4-Dinitrophenol	NC	NC	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
2,4-Dinitrotoluene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
2,6-Dinitrotoluene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
2-Chloronaphthalene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
2-Chlorophenol	2500	7.2	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
2-Methylnaphthalene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
2-Methylphenol	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
2-Nitroaniline	NC	NC	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
2-Nitrophenol	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
3,3'-Dichlorobenzidine	NC	NC	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
3-Nitroaniline	NC	NC	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
4,6-Dinitro-2-methylphenol	NC	NC	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
4-Bromophenylphenyl ether	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
4-Chloro-3-methylphenol	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
4-Chloroaniline	NC	NC	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
4-Chlorophenylphenyl ether	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
4-Methylphenol	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
4-Nitroaniline	NC	NC	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
4-Nitrophenol	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Acenaphthene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Acenaphthylene	2500	84	<	10.2	U	0.123	0.34		<	0.347	U	--			<	0.346	U	0.121	0.356		<	0.349	U	<	0.336	U
Anthracene	2500	400	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	0.145	0.356		<	0.349	U	<	0.336	U
Benzo(b)fluoranthene	7.8	1	<	10.2	U	0.639	0.34		0.496	0.347		--			0.223	0.346		0.622	0.356		<	0.349	U	<	0.336	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.2	U	0.164	0.34		0.149	0.347		--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Benzo(a)anthracene	7.8	1	<	10.2	U	0.457	0.34		0.407	0.347		--			<	0.346	U	0.648	0.356		<	0.349	U	<	0.336	U
Benzo(a)pyrene	1	1	<	10.2	U	0.343	0.34		<	0.347	U	--			0.142	0.346		0.388	0.356		0.0814	0.349	J	<	0.336	U
Benzo(k)fluoranthene	78	1	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Butylbenzyl phthalate	2500	200	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Carbazole	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB20A1-2B			SB20A1-3A			SB20A1-3B			SB20A1-3C			SB20A2-1A			SB20A2-1B			SB20A2-2A			SB20A2-2B		
Collect Date	ICC	PMC	12/9/98			11/19/98			12/2/98			11/19/98			11/19/98			11/19/98			12/2/98			12/2/98		
Sample Interval			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.2	U	0.374	0.34		0.355	0.347		--			0.202	0.346		0.551	0.356		<	0.349	U	<	0.336	U
Di-n-butyl phthalate	2500	140	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Di-n-octyl phthalate	2500	20	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Dibenz(a,h)anthracene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Dibenzofuran	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Diethyl phthalate	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Dimethyl phthalate	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Fluoranthene	2500	56	<	10.2	U	0.535	0.34		0.519	0.347		--			0.392	0.346		<	0.356	U	0.132	0.349		<	0.336	U
Fluorene	2500	56	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	0.142	0.356		<	0.349	U	<	0.336	U
Hexachlorobenzene	3.6	1	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Hexachlorobutadiene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Hexachlorocyclopentadiene	NC	NC	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
Hexachloroethane	410	1	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.2	U	0.146	0.34		0.137	0.347		--			0.0556	0.346	J	0.114	0.356		<	0.349	U	<	0.336	U
Isophorone	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
N-Nitrosodiphenylamine	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Napthalene	2500	56	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Nitrobenzene	NC	NC	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Pentachlorophenol	48	1	<	25.7	U	<	0.856	U	<	0.874	U	--			<	0.871	U	<	0.895	U	<	0.877	U	<	0.844	U
Phenanthrene	2500	40	<	10.2	U	0.124	0.34		0.163	0.347		--			0.218	0.346		0.941	0.356		0.074	0.349		<	0.336	U
Phenol	2500	800	<	10.2	U	<	0.34	U	<	0.347	U	--			<	0.346	U	<	0.356	U	<	0.349	U	<	0.336	U
Pyrene	2500	40	<	10.2	U	0.675	0.34		0.684	0.347		--			0.436	0.346		<	0.356	U	0.174	0.349		<	0.336	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0412	U	--			--			<	0.042	U	--			<	0.0846	U	--		
PCB 1221	NC	NC	--			<	0.0825	U	--			--			<	0.0839	U	--			<	0.169	U	--		
PCB 1232	NC	NC	--			<	0.0412	U	--			--			<	0.042	U	--			<	0.0846	U	--		
PCB 1242	NC	NC	--			<	0.0825	U	--			--			<	0.0839	U	--			<	0.169	U	--		
PCB 1248	NC	NC	--			<	0.0825	U	--			--			<	0.0839	U	--			<	0.169	U	--		
PCB 1254	NC	NC	--			<	0.0412	U	--			--			<	0.042	U	--			<	0.0846	U	--		
PCB 1260	NC	NC	--			<	0.0412	U	--			--			<	0.042	U	--			0.388	NR		--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB20A1-2B			SB20A1-3A			SB20A1-3B			SB20A1-3C			SB20A2-1A			SB20A2-1B			SB20A2-2A			SB20A2-2B		
Collect Date	ICC	PMC	12/9/98			11/19/98			12/2/98			11/19/98			11/19/98			11/19/98			12/2/98			12/2/98		
Sample Interval			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	6520	NR		7680	NR		7060	NR		--			8550	NR		7340	NR		6700	NR		6440	NR	
Antimony	8200	0.06	<	10.3	U	<	10.3	U	<	10.5	U	--			<	10.5	U	<	10.8	U	4.54	0.01	J	<	10.2	U
Arsenic	10	0.5	4.2	NR		6.77	NR		5.9	NR		--			6.42	NR		5.77	NR		6.29	NR		4.14	NR	
Barium	140000	10	25.4	NR		37.7	NR		28.6	NR		--			29.9	NR		31.6	NR		27.8	NR		20.2	NR	
Beryllium	2	0.04	0.321	NR	J	0.338	NR	J	0.356	NR	J	--			0.38	NR	J	0.291	NR	J	0.389	NR	J	0.356	NR	J
Cadmium	1000	0.05	<	1.03	U	<	1.03	U	<	1.05	U	--			<	1.05	U	<	1.08	U	<	1.06	U	<	1.02	U
Calcium	NC	NC	3250	NR		1280	NR		1000	NR		--			874	NR		739	NR		737	NR		887	NR	
Chromium	51000	0.5	15.3	NR		15.6	NR		26.1	NR		--			16.4	NR		18	NR		29.7	NR		20.3	NR	
Cobalt	NC	NC	5.17	NR		8.27	NR		7.47	NR		--			6.84	NR		5.78	NR		5.85	NR		8.18	NR	
Copper	76000	13	19.3	NR		36.6	NR		27.8	NR		--			24.6	NR		27.8	NR		22.3	NR		22.8	NR	
Iron	NC	NC	11700	NR		13900	NR		13500	NR		--			1480	NR		16000	NR		14200	NR		13700	NR	
Lead	1000	0.15	7.79	NR		12.3	NR		7.34	NR		--			6.33	NR		4.4	NR		15.8	NR		4.18	NR	
Magnesium	NC	NC	294	NR		3690	NR		3510	NR		--			3930	NR		3970	NR		3510	NR		3400	NR	
Manganese	NC	NC	183	NR		212	NR		323	NR		--			211	NR		145	NR		168	NR		229	NR	
Mercury	610	0.02	<	0.103	U	<	0.1	U	<	0.11	U	--			<	0.1	U	<	0.11	U	<	0.11	U	<	0.1	U
Nickel	7500	1	12.1	NR		19.2	NR		21.4	NR		--			16.4	NR		13.1	NR		11.7	NR		16.6	NR	
Potassium	NC	NC	1350	NR		1820	NR		1470	NR		--			1770	NR		1810	NR		1570	NR		1780	NR	
Selenium	10000	0.5	<	1.03	U	<	1.03	U	<	1.05	U	--			<	1.05	U	<	1.08	U	<	1.06	U	<	1.02	U
Silver	10000	0.36	<	2.06	U	<	2.06	U	<	2.11	U	--			<	2.1	U	<	2.16	U	<	2.11	U	<	2.03	U
Sodium	NC	NC	180	NR		204	NR		150	NR		--			177	NR		111	NR		164	NR		155	NR	
Thallium	160	0.05	<	1.03	U	<	1.03	U	<	1.05	U	--			<	1.05	U	<	1.08	U	<	1.06	U	<	1.02	U
Vanadium	14000	0.5	24	NR		22.3	NR		19.8	NR		--			20.5	NR		34.5	NR		19.3	NR		16.5	NR	
Zinc	610000	50	36.5	NR		43.3	NR		39.9	NR		--			38.2	NR		25.5	NR		55.9	NR		45.5	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	0.966	0.01		--			--			--			--			--			--			--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.52	U	<	0.52	U	<	0.53	U	--			<	0.52	U	<	0.54	U	<	0.53	U	<	0.51	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB22A1-1A			SB22A1-1A			SB22A1-1B			SB22A1-1B			SB22A1-2A			SB22A1-2A			SB22A1-2B			SB22A1-2C		
Collect Date	ICC	PMC	11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			12/1/98			11/19/98		
Sample Interval			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			0.007	0.008	J
1,1,2,2-Tetrachloroethane	220	0.1	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
1,1,2-Trichloroethane	100	1	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
1,1-Dichloroethane	1000	14	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
1,1-Dichloroethylene	9.5	1.4	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
1,2-Dichloroethane	63	0.2	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
1,2-Dichloropropane	84	1	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
2-Butanone	1000	80	<	0.016	U	--			<	0.013	UJ	--			<	0.019	U	--			--			<	0.049	UJ
2-Hexanone	NC	NC	<	0.016	U	--			<	0.013	U	--			<	0.019	U	--			--			<	0.015	U
Acetone	1000	140	<	0.016	U	--			0.040	0.007		--			<	0.019	U	--			--			0.190	0.008	
Benzene	200	0.2	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Bromodichloromethane	NC	NC	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Bromoform	720	0.8	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Bromomethane	NC	NC	<	0.016	U	--			<	0.013	UJ	--			<	0.019	UJ	--			--			<	0.015	UJ
Carbon disulfide	NC	NC	<	0.008	U	--			<	0.007	UJ	--			<	0.009	U	--			--			<	0.008	UJ
Carbon tetrachloride	44	1	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Chlorobenzene	1000	20	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Chloroethane	NC	NC	<	0.016	U	--			<	0.013	U	--			<	0.019	U	--			--			<	0.015	U
Chloroform	940	1.2	<	0.008	U	--			<	0.007	U	--			0.003	0.009	J	--			--			0.003	0.008	J
Chloromethane	NC	NC	<	0.016	U	--			<	0.013	U	--			<	0.019	U	--			--			<	0.015	U
cis-1,2-Dichloroethylene	100	14	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
cis-1,3-Dichloropropene	NC	NC	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Dibromochloromethane	68	0.1	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Ethylbenzene	1000	10.1	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Methyl isobutyl ketone	1000	14	<	0.016	U	--			<	0.013	U	--			<	0.019	U	--			--			<	0.015	U
Methylene chloride	760	1	<	0.008	U	--			<	0.007	UJ	--			<	0.009	U	--			--			<	0.008	U
Styrene	1000	20	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Tetrachloroethylene	110	1	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Toluene	1000	67	0.000	0.008	J	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
trans-1,2-Dichloroethylene	1000	20	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
trans-1,3-Dichloropropene	NC	NC	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			<	0.008	U
Trichloroethylene	520	1	<	0.008	U	--			<	0.007	U	--			<	0.009	U	--			--			0.003	0.008	J
Vinyl acetate	NC	NC	<	0.016	U	--			<	0.013	U	--			<	0.019	U	--			--			<	0.015	U
Vinyl chloride	3	0.4	<	0.016	U	--			<	0.013	U	--			<	0.019	U	--			--			<	0.015	U
Xylenes, Total	1000	19.5	<	0.008	U	--			0.001	0.007	J	--			<	0.009	U	--			--			0.002	0.008	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB22A1-1A			SB22A1-1A			SB22A1-1B			SB22A1-1B			SB22A1-2A			SB22A1-2A			SB22A1-2B			SB22A1-2C		
Collect Date	ICC	PMC	11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			12/1/98			11/19/98		
Sample Interval			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	3.64	UJ	<	0.1	UJ	<	3.62	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
1,2-Dichlorobenzene	NC	NC	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
1,3-Dichlorobenzene	NC	NC	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
1,4-Dichlorobenzene	NC	NC	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
2,4,5-Trichlorophenol	NC	NC	<	8.72	UJ	<	0.5	UJ	<	9.11	U	--			<	8.94	UJ	<	0.5	UJ	<	9	U	<	0.909	U
2,4,6-Trichlorophenol	NC	NC	<	3.64	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
2,4-Dichlorophenol	2500	4	<	3.31	UJ	<	0.1	UJ	<	3.29	U	--			<	0.33	UJ	<	0.1	UJ	<	3.25	U	<	0.361	U
2,4-Dimethylphenol	NC	NC	<	3.15	UJ	<	0.1	UJ	<	0.378	U	--			<	3.23	UJ	<	0.1	UJ	<	3.25	U	<	0.361	U
2,4-Dinitrophenol	NC	NC	<	8.72	UJ	<	0.5	UJ	<	9.11	U	--			<	8.94	UJ	<	0.5	UJ	<	9	U	<	0.909	U
2,4-Dinitrotoluene	NC	NC	<	3.64	UJ	<	0.1	UJ	<	3.62	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	0.0685	0.00000011	J
2,6-Dinitrotoluene	NC	NC	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
2-Chloronaphthalene	NC	NC	<	3.47	UJ	<	0.1	UJ	<	3.62	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
2-Chlorophenol	2500	7.2	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
2-Methylnaphthalene	NC	NC	6.35	0.00000011	J	<	0.1	UJ	<	0.378	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
2-Methylphenol	NC	NC	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
2-Nitroaniline	NC	NC	<	9.16	UJ	<	0.5	UJ	<	9.11	U	--			<	8.94	UJ	<	0.5	UJ	<	9	U	<	0.909	U
2-Nitrophenol	NC	NC	<	3.64	UJ	<	0.1	UJ	<	0.378	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
3,3'-Dichlorobenzidine	NC	NC	<	8.72	UJ	<	0.2	UJ	<	9.11	U	--			<	0.914	UJ	<	0.2	UJ	<	9	U	<	0.909	U
3-Nitroaniline	NC	NC	<	8.72	UJ	<	0.5	UJ	<	9.11	U	--			<	0.914	UJ	<	0.5	UJ	<	9	U	<	0.909	U
4,6-Dinitro-2-methylphenol	NC	NC	<	8.72	UJ	<	0.5	UJ	<	9.11	U	--			<	0.914	UJ	<	0.5	UJ	<	9	U	<	0.909	U
4-Bromophenylphenyl ether	NC	NC	<	3.47	UJ	<	0.1	UJ	<	3.62	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
4-Chloro-3-methylphenol	NC	NC	<	3.64	UJ	<	0.2	UJ	<	3.62	U	--			<	0.363	UJ	<	0.2	UJ	<	3.58	U	<	0.361	U
4-Chloroaniline	NC	NC	<	9.16	UJ	<	0.2	UJ	<	9.11	U	--			<	8.94	UJ	<	0.2	UJ	<	9	U	<	0.909	U
4-Chlorophenylphenyl ether	NC	NC	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
4-Methylphenol	NC	NC	<	3.47	UJ	<	0.1	UJ	<	3.62	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
4-Nitroaniline	NC	NC	<	8.72	UJ	<	0.5	UJ	<	9.11	U	--			<	0.914	UJ	<	0.5	UJ	<	9	U	0.109	0.00000011	
4-Nitrophenol	NC	NC	<	3.64	UJ	<	0.5	UJ	<	0.378	U	--			<	0.363	UJ	<	0.5	UJ	<	3.58	U	<	0.361	U
Acenaphthene	NC	NC	5.12	3.64	J	<	0.1	UJ	<	3.62	U	--			1.94	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Acenaphthylene	2500	84	5.55	3.64	J	<	0.1	UJ	<	0.378	U	--			4.67	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Anthracene	2500	400	11.3	3.64	J	<	0.1	UJ	<	3.62	U	--			6.96	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Benzo(b)fluoranthene	7.8	1	21.1	3.64	J	<	0.1	UJ	<	0.378	U	--			0.646	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Benzo(g,h,I)fluoranthene	NC	NC	4.82	3.64	J	<	0.1	UJ	<	0.378	U	--			4.18	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Benzo(a)anthracene	7.8	1	25	3.64	J	<	0.1	UJ	<	3.62	U	--			20.5	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Benzo(a)pyrene	1	1	19	3.64	J	<	0.1	UJ	<	3.62	U	--			0.492	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Benzo(k)fluoranthene	78	1	<	3.64	UJ	<	0.1	UJ	<	3.62	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Benzoic acid	NC	NC	--			<	0.5	UJ	--			--			--			<	0.5	UJ	--			--		
Benzyl alcohol	NC	NC	--			<	0.2	UJ	--			--			--			<	0.2	UJ	--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	3.64	UJ	<	0.1	UJ	<	3.62	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Bis(2-chloroethyl) ether	5.2	2.4	<	3.47	UJ	<	0.1	UJ	<	3.62	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Bis(2-chloroisopropyl) ether	82	2.4	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Bis(2-ethylhexyl) phthalate	410	11	<	3.64	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Butylbenzyl phthalate	2500	200	<	3.64	UJ	<	0.1	UJ	<	3.62	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Carbazole	NC	NC	2.93	3.64	J	<	0.1	UJ	<	3.62	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB22A1-1A			SB22A1-1A			SB22A1-1B			SB22A1-1B			SB22A1-2A			SB22A1-2A			SB22A1-2B			SB22A1-2C		
Collect Date	ICC	PMC	11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			12/1/98			11/19/98		
Sample Interval			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	20.7	3.64	J	<	0.1	UJ	<	3.62	U	--			17.7	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Di-n-butyl phthalate	2500	140	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Di-n-octyl phthalate	2500	20	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	0.451	0.00000011	
Dibenz(a,h)anthracene	NC	NC	1.91	3.64	J	<	0.1	UJ	<	3.62	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	0.515	0.00000011	
Dibenzofuran	NC	NC	3.51	3.64	J	<	0.1	UJ	<	0.378	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Diethyl phthalate	NC	NC	<	3.47	UJ	<	0.1	UJ	<	3.62	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Dimethyl phthalate	NC	NC	<	3.64	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Fluoranthene	2500	56	41.5	3.64	J	<	0.1	UJ	<	3.62	U	--			1.01	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Fluorene	2500	56	13.7	3.64	J	<	0.1	UJ	<	0.378	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Hexachlorobenzene	3.6	1	<	3.64	UJ	<	0.1	UJ	<	3.62	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Hexachlorobutadiene	NC	NC	<	3473.64	UJ	<	0.2	UJ	<	3.62	U	--			<	0.363	UJ	<	0.2	UJ	<	3.58	U	<	0.361	U
Hexachlorocyclopentadiene	NC	NC	<	9.16	UJ	<	0.1	UJ	<	9.11	U	--			<	8.94	UJ	<	0.1	UJ	<	9	U	<	0.909	U
Hexachloroethane	410	1	<	3.64	UJ	<	0.1	UJ	<	3.62	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Indeno(1,2,3-C,D)pyrene	NC	NC	4.75	3.64	J	<	0.1	UJ	<	0.378	U	--			4.14	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Isophorone	NC	NC	<	3.64	UJ	<	0.1	UJ	<	0.378	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
N-Nitrosodi-n-propylamine	NC	NC	<	3.47	UJ	<	0.1	UJ	<	3.62	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	0.214	0.00000011	
N-Nitrosodiphenylamine	NC	NC	<	3.47	UJ	<	0.1	UJ	<	0.378	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Napthalene	2500	56	2.6	3.64	J	<	0.1	UJ	<	0.378	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	0.783	0.00000011	
Nitrobenzene	NC	NC	<	3.64	UJ	<	0.1	UJ	<	3.62	U	--			<	3.56	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Pentachlorophenol	48	1	<	9.16	UJ	<	0.5	UJ	<	9.11	U	--			<	0.914	UJ	<	0.5	UJ	<	9	U	<	0.909	U
Phenanthrene	2500	40	47	3.64	J	<	0.1	UJ	<	0.378	U	--			0.622	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
Phenol	2500	800	<	3.64	UJ	<	0.1	UJ	<	3.62	U	--			<	0.363	UJ	<	0.1	UJ	<	3.58	U	<	0.361	U
Pyrene	2500	40	54	3.64	J	<	0.1	UJ	<	3.62	U	--			37.5	0.363	J	<	0.1	UJ	<	3.58	U	<	0.361	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	0.091	NR		--			--			--			<	0.0441	U	--			--			--		
PCB 1221	NC	NC	<	0.084	U	--			--			--			<	0.0881	U	--			--			--		
PCB 1232	NC	NC	<	0.0442	U	--			--			--			<	0.0441	U	--			--			--		
PCB 1242	NC	NC	<	0.084	U	--			--			--			<	0.0881	U	--			--			--		
PCB 1248	NC	NC	<	0.0883	U	--			--			--			<	0.0881	U	--			--			--		
PCB 1254	NC	NC	<	0.0442	U	--			--			--			<	0.0431	U	--			--			--		
PCB 1260	NC	NC	<	0.0442	U	--			--			--			0.081	NR		--			--			--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB22A1-1A			SB22A1-1A			SB22A1-1B			SB22A1-1B			SB22A1-2A			SB22A1-2A			SB22A1-2B			SB22A1-2C		
Collect Date	ICC	PMC	11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			12/1/98			11/19/98		
Sample Interval			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	6000	NR		--			11600	NR		--			7510	NR		--			--			7010	NR	
Antimony	8200	0.06	<	10.5	U	--			<	11.4	U	--			<	10.8	U	--			--			<	11	U
Arsenic	10	0.5	3.36	NR		--			5.36	NR		--			4.71	NR		--			--			4.36	NR	
Barium	140000	10	24.7	NR		--			29.7	NR		--			38.1	NR		--			--			37	NR	
Beryllium	2	0.04	0.226	NR	J	--			0.516	NR	J	--			0.337	NR	J	--			--			0.343	NR	J
Cadmium	1000	0.05	0.101	NR	J	0.112	0.999	J	<	1.14	U	<	0.05	U	0.346	NR	J	--			--			0.39	NR	J
Calcium	NC	NC	2120	NR		--			704	NR		--			2230	NR		--			--			3550	NR	
Chromium	51000	0.5	11.7	NR		<	0.5	U	16.8	NR		<	0.5	U	38.7	NR		--			--			34.2	NR	
Cobalt	NC	NC	7.63	NR		--			9.18	NR		--			6.62	NR		--			--			5.88	NR	
Copper	76000	13	27.2	NR		--			19.8	NR		--			31.7	NR		--			--			26.9	NR	
Iron	NC	NC	13400	NR		--			14000	NR		--			14200	NR		--			--			12100	NR	
Lead	1000	0.15	14.7	NR		<	0.25	U	8.15	NR		<	0.25	U	21.5	NR		--			--			31.1	NR	
Magnesium	NC	NC	3230	NR		--			3820	NR		--			3360	NR		--			--			3220	NR	
Manganese	NC	NC	171	NR		--			206	NR		--			346	NR		--			--			176	NR	
Mercury	610	0.02	<	0.11	U	--			<	0.11	U	--			<	0.11	U	--			--			<	0.11	U
Nickel	7500	1	12.1	NR		<	0.05	U	19.1	NR		<	0.05	U	14.3	NR		--			--			17.1	NR	
Potassium	NC	NC	1140	NR		--			1220	NR		--			1420	NR		--			--			1510	NR	
Selenium	10000	0.5	<	1.05	U	--			<	1.14	U	--			<	1.08	U	--			--			<	1.1	U
Silver	10000	0.36	<	2.1	U	--			<	2.29	U	--			<	2.16	U	--			--			<	2.19	U
Sodium	NC	NC	211	NR		--			285	NR		--			164	NR		--			--			261	NR	
Thallium	160	0.05	<	1.05	U	--			<	1.14	U	--			<	1.08	U	--			--			<	1.1	U
Vanadium	14000	0.5	30.7	NR		<	0.05	U	23.4	NR		<	0.05	U	26	NR		--			--			20.2	NR	
Zinc	610000	50	32.4	NR		--			33.8	NR		--			69.1	NR		--			--			47.2	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.05	U	--			<	1.06	U	--			0.2	0.01	J	--			--			<	1.1	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.53	U	--			<	0.57	U	--			<	0.54	U	--			--			<	0.55	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB22A1-2C			SB22A1-3A			SB22A1-3A			SB22A1-3B			SB22A1-3B			SB23A1-1A			SB23A1-1A			SB23A1-1B		
Collect Date	ICC	PMC	11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			11/20/98			11/20/98			11/20/98		
Sample Interval			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			1' - 3'			1' - 3'			3' - 5'		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
1,1,2-Trichloroethane	100	1	--			<	0.008	U	--			<	0.007	U	--			0.000	0.004	J	--			<	0.005	U
1,1-Dichloroethane	1000	14	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
1,1-Dichloroethylene	9.5	1.4	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
1,2-Dichloroethane	63	0.2	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
1,2-Dichloropropane	84	1	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
2-Butanone	1000	80	--			<	0.016	U	--			<	0.014	U	--			<	0.009	U	--			<	0.009	U
2-Hexanone	NC	NC	--			<	0.016	U	--			<	0.014	U	--			<	0.009	U	--			<	0.009	U
Acetone	1000	140	--			<	0.016	U	--			<	0.014	U	--			0.016	0.004		--			<	0.009	U
Benzene	200	0.2	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Bromodichloromethane	NC	NC	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Bromoform	720	0.8	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Bromomethane	NC	NC	--			<	0.016	UJ	--			<	0.014	UJ	--			<	0.009	UJ	--			<	0.009	UJ
Carbon disulfide	NC	NC	--			<	0.008	UJ	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Carbon tetrachloride	44	1	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Chlorobenzene	1000	20	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Chloroethane	NC	NC	--			<	0.016	U	--			<	0.014	U	--			<	0.009	U	--			<	0.009	U
Chloroform	940	1.2	--			<	0.008	U	--			0.002	0.007	J	--			<	0.004	U	--			0.001	0.005	J
Chloromethane	NC	NC	--			<	0.016	U	--			<	0.014	U	--			<	0.009	U	--			<	0.009	U
cis-1,2-Dichloroethylene	100	14	--			<	0.008	U	--			<	0.007	U	--			0.002	0.004	J	--			<	0.005	U
cis-1,3-Dichloropropene	NC	NC	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Dibromochloromethane	68	0.1	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Ethylbenzene	1000	10.1	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			0.000	0.005	J
Methyl isobutyl ketone	1000	14	--			<	0.016	U	--			<	0.014	U	--			<	0.009	U	--			<	0.009	U
Methylene chloride	760	1	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Styrene	1000	20	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Tetrachloroethylene	110	1	--			0.001	0.008	J	--			0.001	0.007	J	--			<	0.004	U	--			<	0.005	U
Toluene	1000	67	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
trans-1,2-Dichloroethylene	1000	20	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
trans-1,3-Dichloropropene	NC	NC	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			<	0.005	U
Trichloroethylene	520	1	--			<	0.008	U	--			<	0.007	U	--			0.007	0.004		--			0.002	0.005	J
Vinyl acetate	NC	NC	--			<	0.016	U	--			<	0.014	U	--			<	0.009	U	--			<	0.009	U
Vinyl chloride	3	0.4	--			<	0.016	U	--			<	0.014	U	--			<	0.009	U	--			<	0.009	U
Xylenes, Total	1000	19.5	--			<	0.008	U	--			<	0.007	U	--			<	0.004	U	--			0.003	0.005	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB22A1-2C			SB22A1-3A			SB22A1-3A			SB22A1-3B			SB22A1-3B			SB23A1-1A			SB23A1-1A			SB23A1-1B		
Collect Date	ICC	PMC	11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			11/20/98			11/20/98			11/20/98		
Sample Interval			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			1' - 3'			1' - 3'			3' - 5'		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
1,2-Dichlorobenzene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
1,3-Dichlorobenzene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
1,4-Dichlorobenzene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
2,4,5-Trichlorophenol	NC	NC	--			<	8.76	UJ	<	0.5	UJ	<	0.903	U	--			<	27.1	U	--			<	27.6	U
2,4,6-Trichlorophenol	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
2,4-Dichlorophenol	2500	4	--			<	3.17	UJ	<	0.1	UJ	<	0.326	U	--			<	9.78	U	--			<	9.99	U
2,4-Dimethylphenol	NC	NC	--			<	3.33	UJ	<	0.1	UJ	<	0.326	U	--			<	9.78	U	--			<	9.99	U
2,4-Dinitrophenol	NC	NC	--			<	8.76	UJ	<	0.5	UJ	<	9.21	U	--			<	27.1	U	--			<	27.6	U
2,4-Dinitrotoluene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
2,6-Dinitrotoluene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
2-Chloronaphthalene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
2-Chlorophenol	2500	7.2	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
2-Methylnaphthalene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
2-Methylphenol	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
2-Nitroaniline	NC	NC	--			<	8.76	UJ	<	0.5	UJ	<	9.21	U	--			<	27.1	U	--			<	27.6	U
2-Nitrophenol	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
3,3'-Dichlorobenzidine	NC	NC	--			<	8.76	UJ	<	0.2	UJ	<	9.21	U	--			<	27.1	U	--			<	27.6	U
3-Nitroaniline	NC	NC	--			<	8.76	UJ	<	0.5	UJ	<	0.903	U	--			<	27.1	U	--			<	27.6	U
4,6-Dinitro-2-methylphenol	NC	NC	--			<	8.76	UJ	<	0.5	UJ	<	9.21	U	--			<	27.1	U	--			<	27.6	U
4-Bromophenylphenyl ether	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
4-Chloro-3-methylphenol	NC	NC	--			<	3.48	UJ	<	0.2	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
4-Chloroaniline	NC	NC	--			<	8.76	UJ	<	0.2	UJ	<	9.21	U	--			<	27.1	U	--			<	27.6	U
4-Chlorophenylphenyl ether	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
4-Methylphenol	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
4-Nitroaniline	NC	NC	--			<	8.76	UJ	<	0.5	UJ	<	9.21	U	--			<	27.1	U	--			<	27.6	U
4-Nitrophenol	NC	NC	--			<	3.48	UJ	<	0.5	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Acenaphthene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Acenaphthylene	2500	84	--			1.1	0.00000011	J	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Anthracene	2500	400	--			1.97	0.00000011	J	<	0.1	UJ	0.0959	0.00000011	J	--			<	10.8	U	--			<	11	U
Benzo(b)fluoranthene	7.8	1	--			5.71	0.00000011	J	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Benzo(g,h,I)fluoranthene	NC	NC	--			1.54	0.00000011	J	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
Benzo(a)anthracene	7.8	1	--			5.44	0.00000011	J	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Benzo(a)pyrene	1	1	--			4.28	0.00000011	J	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Benzo(k)fluoranthene	78	1	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Benzoic acid	NC	NC	--			--			<	0.5	UJ	--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			<	0.2	UJ	--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Bis(2-chloroethyl) ether	5.2	2.4	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Bis(2-chloroisopropyl) ether	82	2.4	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Bis(2-ethylhexyl) phthalate	410	11	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Butylbenzyl phthalate	2500	200	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
Carbazole	NC	NC	--			1.54	0.00000011	J	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB22A1-2C			SB22A1-3A			SB22A1-3A			SB22A1-3B			SB22A1-3B			SB23A1-1A			SB23A1-1A			SB23A1-1B		
Collect Date	ICC	PMC	11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			11/20/98			11/20/98			11/20/98		
Sample Interval			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			1' - 3'			1' - 3'			3' - 5'		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	--			12.8	0.00000011	J	<	0.1	UJ	0.178	0.00000011		--			<	10.8	U	--			<	11	U
Di-n-butyl phthalate	2500	140	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Di-n-octyl phthalate	2500	20	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Dibenz(a,h)anthracene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
Dibenzofuran	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
Diethyl phthalate	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Dimethyl phthalate	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
Fluoranthene	2500	56	--			9.39	0.00000011	J	<	0.1	UJ	0.438	0.00000011		--			<	10.8	U	--			<	11	U
Fluorene	2500	56	--			5.3	0.00000011	J	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Hexachlorobenzene	3.6	1	--			<	3.48	U	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Hexachlorobutadiene	NC	NC	--			<	3.48	UJ	<	0.2	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
Hexachlorocyclopentadiene	NC	NC	--			<	8.76	UJ	<	0.1	UJ	<	9.21	U	--			<	27.1	U	--			<	27.6	U
Hexachloroethane	410	1	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Indeno(1,2,3-C,D)pyrene	NC	NC	--			3.45	0.00000011	J	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
Isophorone	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
N-Nitrosodi-n-propylamine	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
N-Nitrosodiphenylamine	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Napthalene	2500	56	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
Nitrobenzene	NC	NC	--			<	3.48	UJ	<	0.1	UJ	<	0.359	U	--			<	10.8	U	--			<	11	U
Pentachlorophenol	48	1	--			<	8.76	UJ	<	0.5	UJ	<	0.903	U	--			<	27.1	U	--			<	27.6	U
Phenanthrene	2500	40	--			24.2	0.00000011	J	<	0.1	UJ	0.471	0.00000011		--			<	10.8	U	--			<	11	U
Phenol	2500	800	--			<	3.48	UJ	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
Pyrene	2500	40	--			9.88	0.00000011	J	<	0.1	UJ	<	3.36	U	--			<	10.8	U	--			<	11	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0422	U	--			--			--			<	0.0435	U	<	0.02	U	--		
PCB 1221	NC	NC	--			<	0.0845	U	--			--			--			<	0.087	U	<	0.02	U	--		
PCB 1232	NC	NC	--			<	0.0422	U	--			--			--			<	0.0435	U	<	0.01	U	--		
PCB 1242	NC	NC	--			<	0.0845	U	--			--			--			<	0.087	U	<	0.01	U	--		
PCB 1248	NC	NC	--			<	0.0845	U	--			--			--			<	0.087	U	<	0.01	U	--		
PCB 1254	NC	NC	--			<	0.0422	U	--			--			--			<	0.0435	U	<	0.01	U	--		
PCB 1260	NC	NC	--			<	0.0422	U	--			--			--			<	0.0435	U	<	0.01	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			85.9	NR		--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB22A1-2C			SB22A1-3A			SB22A1-3A			SB22A1-3B			SB22A1-3B			SB23A1-1A			SB23A1-1A			SB23A1-1B		
Collect Date	ICC	PMC	11/19/98			11/19/98			11/19/98			11/19/98			11/19/98			11/20/98			11/20/98			11/20/98		
Sample Interval			4'6" - 6'6"			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			1' - 3'			1' - 3'			3' - 5'		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	--			7780	NR	J	--			8680	NR		--			7640	NR		--			3010	NR	
Antimony	8200	0.06	--			<	10.6	UUJ	--			<	10.9	U	--			<	10.9	UUJ	--			<	11.1	U
Arsenic	10	0.5	--			6.23	NR	J	--			4.71	NR		--			3.42	NR	J	--			1.48	NR	
Barium	140000	10	--			32.9	NR		--			25.2	NR		--			32.1	NR		--			11.9	NR	
Beryllium	2	0.04	--			0.385	NR	J	--			0.346	NR	J	--			0.68	NR	J	--			0.6	NR	J
Cadmium	1000	0.05	<	0.05	U	0.08	NR	J	0.047	0.999	J	<	1.09	U	<	0.05	U	0.294	NR	J	--			<	1.11	U
Calcium	NC	NC	--			1270	NR		--			1180	NR		--			2230	NR		--			2090	NR	
Chromium	51000	0.5	<	0.5	U	15.6	NR		<	0.5	U	18.3	NR		<	0.5	U	20.3	NR		--			8.31	NR	
Cobalt	NC	NC	--			0.45	NR		--			6.17	NR		--			6.88	NR		--			2.27	NR	
Copper	76000	13	--			29	NR		--			26.5	NR		--			92	NR		--			19.1	NR	
Iron	NC	NC	--			13800	NR	J	--			13700	NR		--			15500	NR		--			6900	NR	
Lead	1000	0.15	<	0.25	U	13.5	NR		<	0.25	U	6.31	NR		<	0.25	U	16.3	NR		--			5.81	NR	
Magnesium	NC	NC	--			3860	NR	J	--			4790	NR		--			3420	NR		--			998	NR	
Manganese	NC	NC	--			214	NR	J	--			191	NR		--			294	NR		--			348	NR	
Mercury	610	0.02	--			<	0.11	U	--			<	0.11	U	--			0.0711	NR	J	--			0.0461	NR	J
Nickel	7500	1	<	0.05	U	17.9	NR		0.046	0.999	J	17.8	NR		<	0.05	U	14	NR		--			4.26	NR	J
Potassium	NC	NC	--			1690	NR		--			1900	NR		--			2320	NR		--			1240	NR	
Selenium	10000	0.5	--			<	1.06	U	--			<	1.09	U	--			<	1.09	U	--			<	1.11	U
Silver	10000	0.36	--			<	2.11	U	--			<	2.18	U	--			<	2.17	U	--			<	2.22	U
Sodium	NC	NC	--			122	NR		--			158	NR		--			261	NR		--			127	NR	
Thallium	160	0.05	--			<	1.06	U	--			<	1.09	U	--			<	1.09	U	--			<	1.11	U
Vanadium	14000	0.5	<	0.05	U	25.2	NR		0.046	0.999	J	22.6	NR		<	0.05	U	17.6	NR		--			3.45	NR	
Zinc	610000	50	--			37.7	NR		--			36.1	NR		--			87.5	NR		--			57.2	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			<	1.06	U	--			<	1.09	U	--			--			--			--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			0.791	NR	J	--			--		
Cyanide	41000	2	--			<	0.53	U	--			<	0.54	U	--			<	0.54	U	--			<	0.55	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			0.122	0.00011		--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB23A1-2A			SB23A1-3A		
Collect Date	ICC	PMC	11/20/98			11/30/98		
Sample Interval			2' - 4'			2' - 4'		
Units	mg/kg	mg/kg	mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS								
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.005	U
2-Butanone	1000	80	<	0.010	U	<	0.010	U
2-Hexanone	NC	NC	<	0.010	U	<	0.010	U
Acetone	1000	140	<	0.010	U	<	0.010	U
Benzene	200	0.2	<	0.005	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.005	UJ
Bromoform	720	0.8	<	0.005	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	UJ	<	0.010	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.005	U
Carbon tetrachloride	44	1	<	0.005	U	<	0.005	U
Chlorobenzene	1000	20	<	0.005	U	<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.010	U
Chloroform	940	1.2	<	0.005	U	0.002	0.005	J
Chloromethane	NC	NC	<	0.010	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.005	U
Methyl isobutyl ketone	1000	14	<	0.010	U	<	0.010	U
Methylene chloride	760	1	<	0.005	U	<	0.005	U
Styrene	1000	20	<	0.005	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.005	U	<	0.005	U
Toluene	1000	67	<	0.005	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U
Trichloroethylene	520	1	<	0.005	U	<	0.005	U
Vinyl acetate	NC	NC	<	0.010	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.010	U
Xylenes, Total	1000	19.5	<	0.005	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB23A1-2A			SB23A1-3A		
Collect Date	ICC	PMC	11/20/98			11/30/98		
Sample Interval			2' - 4'			2' - 4'		
Units	mg/kg	mg/kg	mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS								
1,2,4-Trichlorobenzene	NC	NC	<	11.1	U	<	0.364	U
1,2-Dichlorobenzene	NC	NC	<	11.1	U	<	0.364	U
1,3-Dichlorobenzene	NC	NC	<	11.1	U	<	0.364	U
1,4-Dichlorobenzene	NC	NC	<	11.1	U	<	0.364	U
2,4,5-Trichlorophenol	NC	NC	<	27.9	U	<	0.916	U
2,4,6-Trichlorophenol	NC	NC	<	11.1	U	<	0.364	U
2,4-Dichlorophenol	2500	4	<	10.1	U	<	0.331	U
2,4-Dimethylphenol	NC	NC	<	10.1	U	<	0.331	U
2,4-Dinitrophenol	NC	NC	<	27.9	U	<	0.916	U
2,4-Dinitrotoluene	NC	NC	<	11.1	U	<	0.364	U
2,6-Dinitrotoluene	NC	NC	<	11.1	U	<	0.364	U
2-Chloronaphthalene	NC	NC	<	11.1	U	<	0.364	U
2-Chlorophenol	2500	7.2	<	11.1	U	<	0.364	U
2-Methylnaphthalene	NC	NC	<	11.1	U	<	0.364	U
2-Methylphenol	NC	NC	<	11.1	U	<	0.364	U
2-Nitroaniline	NC	NC	<	27.9	U	<	0.916	U
2-Nitrophenol	NC	NC	<	11.1	U	<	0.364	U
3,3'-Dichlorobenzidine	NC	NC	<	27.9	U	<	0.916	U
3-Nitroaniline	NC	NC	<	27.9	U	<	0.916	U
4,6-Dinitro-2-methylphenol	NC	NC	<	27.9	U	<	0.916	U
4-Bromophenylphenyl ether	NC	NC	<	11.1	U	<	0.364	U
4-Chloro-3-methylphenol	NC	NC	<	11.1	U	<	0.364	U
4-Chloroaniline	NC	NC	<	27.9	U	<	0.916	U
4-Chlorophenylphenyl ether	NC	NC	<	11.1	U	<	0.364	U
4-Methylphenol	NC	NC	<	11.1	U	<	0.364	U
4-Nitroaniline	NC	NC	<	27.9	U	<	0.916	U
4-Nitrophenol	NC	NC	<	11.1	U	<	0.364	U
Acenaphthene	NC	NC	<	11.1	U	<	0.364	U
Acenaphthylene	2500	84	<	11.1	U	<	0.364	U
Anthracene	2500	400	<	11.1	U	<	0.364	U
Benzo(b)fluoranthene	7.8	1	<	11.1	U	<	0.364	U
Benzo(g,h,I)fluoranthene	NC	NC	<	11.1	U	<	0.364	U
Benzo(a)anthracene	7.8	1	<	11.1	U	<	0.364	U
Benzo(a)pyrene	1	1	<	11.1	U	<	0.364	U
Benzo(k)fluoranthene	78	1	<	11.1	U	<	0.364	U
Benzoic acid	NC	NC	--			--		
Benzyl alcohol	NC	NC	--			--		
Bis(2-chloroethoxy) methane	NC	NC	--	11.1	U	<	0.364	U
Bis(2-chloroethyl) ether	5.2	2.4	<	11.1	U	<	0.364	U
Bis(2-chloroisopropyl) ether	82	2.4	<	11.1	U	<	0.364	U
Bis(2-ethylhexyl) phthalate	410	11	<	11.1	U	<	0.364	U
Butylbenzyl phthalate	2500	200	<	11.1	U	<	0.364	U
Carbazole	NC	NC	<	11.1	U	<	0.364	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB23A1-2A			SB23A1-3A		
Collect Date	ICC	PMC	11/20/98			11/30/98		
Sample Interval			2' - 4'			2' - 4'		
Units	mg/kg	mg/kg	mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	11.1	U	<	0.364	U
Di-n-butyl phthalate	2500	140	<	11.1	U	<	0.364	U
Di-n-octyl phthalate	2500	20	<	11.1	U	<	0.364	U
Dibenz(a,h)anthracene	NC	NC	<	11.1	U	<	0.364	U
Dibenzofuran	NC	NC	<	11.1	U	<	0.364	U
Diethyl phthalate	NC	NC	<	11.1	U	<	0.364	U
Dimethyl phthalate	NC	NC	<	11.1	U	<	0.364	U
Fluoranthene	2500	56	<	11.1	U	<	0.364	U
Fluorene	2500	56	<	11.1	U	<	0.364	U
Hexachlorobenzene	3.6	1	<	11.1	U	<	0.364	U
Hexachlorobutadiene	NC	NC	<	11.1	U	<	0.364	U
Hexachlorocyclopentadiene	NC	NC	<	27.9	U	<	0.916	U
Hexachloroethane	410	1	<	11.1	U	<	0.364	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	11.1	U	<	0.364	U
Isophorone	NC	NC	<	11.1	U	<	0.364	U
N-Nitrosodi-n-propylamine	NC	NC	<	11.1	U	<	0.364	U
N-Nitrosodiphenylamine	NC	NC	<	11.1	U	<	0.364	U
Napthalene	2500	56	<	11.1	U	<	0.364	U
Nitrobenzene	NC	NC	<	11.1	U	<	0.364	U
Pentachlorophenol	48	1	<	27.9	U	<	0.916	U
Phenanthrene	2500	40	<	11.1	U	<	0.364	U
Phenol	2500	800	<	11.1	U	<	0.364	U
Pyrene	2500	40	<	11.1	U	<	0.364	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)								
PCB 1016	NC	NC	<	0.0448	U	<	0.0442	U
PCB 1221	NC	NC	<	0.0897	U	<	0.0883	U
PCB 1232	NC	NC	<	0.0448	U	<	0.0442	U
PCB 1242	NC	NC	<	0.0897	U	<	0.0883	U
PCB 1248	NC	NC	<	0.0897	U	<	0.0883	U
PCB 1254	NC	NC	<	0.0448	U	<	0.0442	U
PCB 1260	NC	NC	<	0.0448	U	<	0.0442	U
TOTAL PETROLEUM HYDROCARBONS								
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB23A1-2A			SB23A1-3A		
Collect Date	ICC	PMC	11/20/98			11/30/98		
Sample Interval			2' - 4'			2' - 4'		
Units	mg/kg	mg/kg	mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)								
Aluminum	NC	NC	6000	NR		3930	NR	
Antimony	8200	0.06	<	11.2	U	<	11	U
Arsenic	10	0.5	3.68	NR		3.01	NR	
Barium	140000	10	16.7	NR		17.4	NR	
Beryllium	2	0.04	0.29	NR	J	0.256	NR	J
Cadmium	1000	0.05	<	1.12	U	<	1.1	U
Calcium	NC	NC	2240	NR		647	NR	
Chromium	51000	0.5	14.6	NR		6.45	NR	
Cobalt	NC	NC	6.44	NR		4.21	NR	
Copper	76000	13	38.1	NR		12.1	NR	
Iron	NC	NC	13100	NR		8290	NR	
Lead	1000	0.15	5.54	NR		3.3	NR	
Magnesium	NC	NC	3050	NR		1890	NR	
Manganese	NC	NC	210	NR		152	NR	
Mercury	610	0.02	0.0591	NR	J	<	0.11	U
Nickel	7500	1	19.1	NR		6.93	NR	
Potassium	NC	NC	785	NR		1120	NR	
Selenium	10000	0.5	<	1.12	U	<	1.1	U
Silver	10000	0.36	<	2.24	U	<	2.21	U
Sodium	NC	NC	186	NR		141	NR	
Thallium	160	0.05	<	1.12	U	<	1.1	U
Vanadium	14000	0.5	13.3	NR		13.4	NR	
Zinc	610000	50	39.2	NR		18.7	NR	
METALS BY GRAPHITE FURNACE								
Antimony	8200	0.06	--			--		
OTHER PARAMETERS								
Cation Excange Capacity	NC	NC	--			--		
Cyanide	41000	2	<	0.56	U	<	0.55	U
Total Organic Carbon (TOC)	NC	NC	--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB23A1-3B			SB24A1-1A			SB24A1-1A			SB24A1-1B			SB24A1-1B			SB24A1-2A			SB24A1-2A		
Collect Date	ICC	PMC	11/30/98			11/23/98			11/23/98			11/23/98			11/23/98			11/23/98			11/23/98		
Sample Interval			4' - 6'			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			1' - 3'			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																							
1,1,1-Trichloroethane	1000	40	<	0.005	U	0.003	0.006	J	--			<	0.004	U	--			0.007	0.005		--		
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
1,2-Dichloropropane	84	1	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
2-Butanone	1000	80	<	0.010	U	<	0.013	U	--			<	0.008	UJ	--			<	0.012	U	--		
2-Hexanone	NC	NC	<	0.010	U	<	0.013	U	--			<	0.008	U	--			<	0.012	U	--		
Acetone	1000	140	<	0.010	U	<	0.013	U	--			0.022	0.004		--			0.028	0.005		--		
Benzene	200	0.2	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Bromodichloromethane	NC	NC	<	0.005	UJ	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Bromoform	720	0.8	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Bromomethane	NC	NC	<	0.010	U	<	0.013	UJ	--			<	0.008	UJ	--			<	0.012	U	--		
Carbon disulfide	NC	NC	<	0.005	U	<	0.006	U	--			0.001	0.004	J	--			<	0.005	U	--		
Carbon tetrachloride	44	1	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Chlorobenzene	1000	20	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Chloroethane	NC	NC	<	0.010	U	<	0.013	U	--			<	0.008	U	--			<	0.012	U	--		
Chloroform	940	1.2	0.001	0.005	J	0.002	0.006	J	--			0.001	0.004	J	--			<	0.005	U	--		
Chloromethane	NC	NC	<	0.010	U	<	0.013	U	--			<	0.008	U	--			<	0.012	U	--		
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Dibromochloromethane	68	0.1	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	UJ	--		
Ethylbenzene	1000	10.1	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Methyl isobutyl ketone	1000	14	0.001	0.005	J	<	0.013	U	--			<	0.008	U	--			<	0.012	U	--		
Methylene chloride	760	1	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Styrene	1000	20	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Tetrachloroethylene	110	1	<	0.005	U	<	0.006	U	--			<	0.004	U	--			0.002	0.005	J	--		
Toluene	1000	67	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		
Trichloroethylene	520	1	<	0.005	U	0.002	0.006	J	--			<	0.004	U	--			0.064	0.005		--		
Vinyl acetate	NC	NC	<	0.010	U	<	0.013	U	--			<	0.008	U	--			<	0.012	U	--		
Vinyl chloride	3	0.4	<	0.010	U	<	0.013	U	--			<	0.008	U	--			<	0.012	U	--		
Xylenes, Total	1000	19.5	<	0.005	U	<	0.006	U	--			<	0.004	U	--			<	0.005	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB23A1-3B			SB24A1-1A			SB24A1-1A			SB24A1-1B			SB24A1-1B			SB24A1-2A			SB24A1-2A		
Collect Date	ICC	PMC	11/30/98			11/23/98			11/23/98			11/23/98			11/23/98			11/23/98			11/23/98		
Sample Interval			4' - 6'			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			1' - 3'			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																							
1,2,4-Trichlorobenzene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
1,2-Dichlorobenzene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
1,3-Dichlorobenzene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
1,4-Dichlorobenzene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
2,4,5-Trichlorophenol	NC	NC	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
2,4,6-Trichlorophenol	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
2,4-Dichlorophenol	2500	4	<	0.337	U	<	0.333	U	--			<	0.331	U	--			<	0.688	U	--		
2,4-Dimethylphenol	NC	NC	<	0.337	U	<	0.333	U	--			<	0.331	U	--			<	0.688	U	--		
2,4-Dinitrophenol	NC	NC	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
2,4-Dinitrotoluene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
2,6-Dinitrotoluene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
2-Chloronaphthalene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
2-Chlorophenol	2500	7.2	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
2-Methylnaphthalene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
2-Methylphenol	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
2-Nitroaniline	NC	NC	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
2-Nitrophenol	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
3,3'-Dichlorobenzidine	NC	NC	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
3-Nitroaniline	NC	NC	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
4,6-Dinitro-2-methylphenol	NC	NC	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
4-Bromophenylphenyl ether	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
4-Chloro-3-methylphenol	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
4-Chloroaniline	NC	NC	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
4-Chlorophenylphenyl ether	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
4-Methylphenol	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
4-Nitroaniline	NC	NC	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
4-Nitrophenol	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Acenaphthene	NC	NC	0.999	0.00000011		<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Acenaphthylene	2500	84	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Anthracene	2500	400	0.476	0.00000011		<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Benzo(b)fluoranthene	7.8	1	3.06	0.00000011		<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Benzo(g,h,I)fluoranthene	NC	NC	0.646	0.00000011		<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Benzo(a)anthracene	7.8	1	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Benzo(a)pyrene	1	1	1.49	0.00000011	J	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Benzo(k)fluoranthene	78	1	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Benzoic acid	NC	NC	--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Bis(2-chloroethyl) ether	5.2	2.4	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Bis(2-chloroisopropyl) ether	82	2.4	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Bis(2-ethylhexyl) phthalate	410	11	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Butylbenzyl phthalate	2500	200	0.18	0.00000011	J	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Carbazole	NC	NC	0.36	0.00000011		<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB23A1-3B			SB24A1-1A			SB24A1-1A			SB24A1-1B			SB24A1-1B			SB24A1-2A			SB24A1-2A		
Collect Date	ICC	PMC	11/30/98			11/23/98			11/23/98			11/23/98			11/23/98			11/23/98			11/23/98		
Sample Interval			4' - 6'			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			1' - 3'			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	1.89	0.00000011		<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Di-n-butyl phthalate	2500	140	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Di-n-octyl phthalate	2500	20	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Dibenz(a,h)anthracene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Dibenzofuran	NC	NC	1.11	0.00000011		<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Diethyl phthalate	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Dimethyl phthalate	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Fluoranthene	2500	56	5.97	0.00000011	J	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Fluorene	2500	56	1.38	0.00000011	J	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Hexachlorobenzene	3.6	1	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Hexachlorobutadiene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Hexachlorocyclopentadiene	NC	NC	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
Hexachloroethane	410	1	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Indeno(1,2,3-C,D)pyrene	NC	NC	0.718	0.00000011		<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Isophorone	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
N-Nitrosodi-n-propylamine	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
N-Nitrosodiphenylamine	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Napthalene	2500	56	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Nitrobenzene	NC	NC	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Pentachlorophenol	48	1	<	0.934	U	<	0.934	U	--			<	0.922	U	--			<	0.916	U	--		
Phenanthrene	2500	40	2.57	0.00000011	J	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Phenol	2500	800	<	0.371	U	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
Pyrene	2500	40	4.86	0.00000011	J	<	0.367	U	--			<	0.364	U	--			<	0.757	U	--		
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																							
PCB 1016	NC	NC	--			<	0.0444	U	--			--			--			<	0.0459	U	--		
PCB 1221	NC	NC	--			<	0.0889	U	--			--			--			<	0.0917	U	--		
PCB 1232	NC	NC	--			<	0.0444	U	--			--			--			<	0.0459	U	--		
PCB 1242	NC	NC	--			<	0.0889	U	--			--			--			<	0.0917	U	--		
PCB 1248	NC	NC	--			<	0.0889	U	--			--			--			<	0.0917	U	--		
PCB 1254	NC	NC	--			<	0.0444	U	--			--			--			<	0.0459	U	--		
PCB 1260	NC	NC	--			<	0.0444	U	--			--			--			<	0.0459	U	--		
TOTAL PETROLEUM HYDROCARBONS																							
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			<	11.5	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB23A1-3B			SB24A1-1A			SB24A1-1A			SB24A1-1B			SB24A1-1B			SB24A1-2A			SB24A1-2A		
Collect Date	ICC	PMC	11/30/98			11/23/98			11/23/98			11/23/98			11/23/98			11/23/98			11/23/98		
Sample Interval			4' - 6'			0'6" - 2'6"			0'6" - 2'6"			2'6" - 4'6"			2'6" - 4'6"			1' - 3'			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																							
Aluminum	NC	NC	5410	NR		7310	NR		--			8000	NR		--			5070	NR		--		
Antimony	8200	0.06	<	11.2	U	<	11.1	U	--			<	11	U	--			4.46	0.01		--		
Arsenic	10	0.5	3.72	NR		15.2	NR		<	0.5	UJ	4.26	NR		--			7.41	NR		--		
Barium	140000	10	32.3	NR		27.9	NR		--			18.8	NR		--			67.6	NR		--		
Beryllium	2	0.04	0.28	NR	J	0.39	NR	J	--			0.368	NR	J	--			0.438	NR	J	--		
Cadmium	1000	0.05	<	1.12	U	3.39	NR		<	0.5	U	<	1.1	U	<	0.5	U	0.139	NR	J	<	0.5	U
Calcium	NC	NC	1210	NR		2410	NR		--			718	NR		--			6920	NR		--		
Chromium	51000	0.5	12	NR		9.95	NR		<	0.5	U	14.3	NR		<	0.5	U	16.5	NR		<	0.5	U
Cobalt	NC	NC	4.91	NR		7.49	NR		--			7.75	NR		--			6.49	NR		--		
Copper	76000	13	16.8	NR		60.7	NR		--			27.9	NR		--			39	NR		--		
Iron	NC	NC	10900	NR		14700	NR		--			13900	NR		--			14800	NR		--		
Lead	1000	0.15	4.54	NR		28.8	NR		<	0.25	U	10.1	NR		<	0.25	U	40.1	NR		<	0.25	U
Magnesium	NC	NC	3170	NR		1980	NR		--			3200	NR		--			2200	NR		--		
Manganese	NC	NC	146	NR		179	NR		--			256	NR		--			226	NR		--		
Mercury	610	0.02	0.0389	NR	J	<	0.111	U	--			<	0.11	U	--			<	0.115	U	--		
Nickel	7500	1	9.01	NR		15.8	NR		<	0.05	U	20.3	NR		<	0.05	U	29.4	NR		<	0.05	U
Potassium	NC	NC	1450	NR		623	NR		--			642	NR		--			784	NR		--		
Selenium	10000	0.5	<	1.12	U	1.12	NR		--			0.544	NR	J	--			0.627	NR	J	--		
Silver	10000	0.36	<	2.25	U	<	2.22	U	--			<	2.21	U	--			<	2.29	U	--		
Sodium	NC	NC	158	NR		869	NR		--			213	NR		--			1030	NR		--		
Thallium	160	0.05	<	1.12	U	<	1.11	U	--			<	1.1	U	--			<	1.15	U	--		
Vanadium	14000	0.5	16.8	NR		13.9	NR		<	0.05	U	16.1	NR		<	0.05	U	10.7	NR		<	0.05	U
Zinc	610000	50	28.2	NR		300	NR		--			44	NR		--			132	NR		--		
METALS BY GRAPHITE FURNACE																							
Antimony	8200	0.06	--			--			--			--			--			--			--		
OTHER PARAMETERS																							
Cation Excange Capacity	NC	NC	--			--			--			--			--			3.29	NR		--		
Cyanide	41000	2	<	0.56	U	<	0.56	U	--			<	0.55	U	--			<	0.57	U	--		
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			0.674	0.00011		--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A1-2B			SB24A1-2B			SB24A2-1A			SB24A2-1B			SB24A2-2A			SB24A3-1A			SB24A3-1A			SB24A4-1A			SB24A4-1A		
Collect Date	ICC	PMC	11/23/98			11/23/98			11/30/98			11/30/98			11/25/98			11/24/98			11/24/98			11/23/98			11/23/98		
Sample Interval			3' - 5'			3' - 5'			1' - 3'			3' - 5'			0'4" - 1'1"			1'6" - 2'5"			1'6" - 2'5"			1' - 3'			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																													
1,1,1-Trichloroethane	1000	40	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			0.002	0.005	J	--		
1,1,2,2-Tetrachloroethane	220	0.1	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
1,1,2-Trichloroethane	100	1	<	0.004	U	--			0.001	0.008	J	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
1,1-Dichloroethane	1000	14	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
1,1-Dichloroethylene	9.5	1.4	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
1,2-Dichloroethane	63	0.2	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
1,2-Dichloropropane	84	1	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
2-Butanone	1000	80	<	0.009	UJ	--			<	0.016	U	<	0.010	UJ	<	0.012	U	<	0.011	U	--			<	0.011	U	--		
2-Hexanone	NC	NC	<	0.009	U	--			<	0.016	U	<	0.010	U	<	0.012	U	<	0.011	U	--			<	0.011	U	--		
Acetone	1000	140	0.024	0.004		--			<	0.016	U	<	0.019	U	<	0.012	U	<	0.011	U	--			<	0.011	U	--		
Benzene	200	0.2	<	0.004	U	--			<	0.008	U	0.001	0.005	J	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Bromodichloromethane	NC	NC	<	0.004	U	--			<	0.008	UJ	<	0.005	UJ	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Bromoform	720	0.8	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Bromomethane	NC	NC	<	0.009	UJ	--			<	0.016	U	<	0.010	U	<	0.012	UJ	<	0.011	UJ	--			<	0.011	UJ	--		
Carbon disulfide	NC	NC	<	0.004	U	--			<	0.008	U	0.002	0.005	J	<	0.006	U	<	0.005	U	--			0.002	0.005	J	--		
Carbon tetrachloride	44	1	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Chlorobenzene	1000	20	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Chloroethane	NC	NC	<	0.009	U	--			<	0.016	U	<	0.010	U	<	0.012	U	<	0.011	U	--			<	0.011	U	--		
Chloroform	940	1.2	0.002	0.004	J	--			0.003	0.008	J	0.002	0.005	J	<	0.006	U	0.002	0.005	J	--			0.001	0.005	J	--		
Chloromethane	NC	NC	<	0.009	U	--			<	0.016	U	<	0.010	U	<	0.012	U	<	0.011	U	--			<	0.011	U	--		
cis-1,2-Dichloroethylene	100	14	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			0.001	0.005	J	--		
cis-1,3-Dichloropropene	NC	NC	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Dibromochloromethane	68	0.1	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Ethylbenzene	1000	10.1	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Methyl isobutyl ketone	1000	14	<	0.009	U	--			<	0.016	U	<	0.010	U	<	0.012	U	<	0.011	U	--			<	0.011	U	--		
Methylene chloride	760	1	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Styrene	1000	20	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Tetrachloroethylene	110	1	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			0.001	0.005	J	--		
Toluene	1000	67	<	0.004	U	--			<	0.008	U	0.001	0.005	J	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
trans-1,2-Dichloroethylene	1000	20	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
trans-1,3-Dichloropropene	NC	NC	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		
Trichloroethylene	520	1	0.000	0.004	J	--			<	0.008	U	<	0.005	U	<	0.006	U	0.001	0.005	J	--			0.004	0.005	J	--		
Vinyl acetate	NC	NC	<	0.009	U	--			<	0.016	U	0.008	0.005	J	<	0.012	U	<	0.011	U	--			<	0.011	U	--		
Vinyl chloride	3	0.4	<	0.009	U	--			<	0.016	U	<	0.010	U	<	0.012	U	<	0.011	U	--			<	0.011	U	--		
Xylenes, Total	1000	19.5	<	0.004	U	--			<	0.008	U	<	0.005	U	<	0.006	U	<	0.005	U	--			<	0.005	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A1-2B			SB24A1-2B			SB24A2-1A			SB24A2-1B			SB24A2-2A			SB24A3-1A			SB24A3-1A			SB24A4-1A			SB24A4-1A		
Collect Date	ICC	PMC	11/23/98			11/23/98			11/30/98			11/30/98			11/25/98			11/24/98			11/24/98			11/23/98			11/23/98		
Sample Interval			3' - 5'			3' - 5'			1' - 3'			3' - 5'			0'4" - 1'1"			1'6" - 2'5"			1'6" - 2'5"			1' - 3'			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																													
1,2,4-Trichlorobenzene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
1,2-Dichlorobenzene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
1,3-Dichlorobenzene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
1,4-Dichlorobenzene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
2,4,5-Trichlorophenol	NC	NC	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
2,4,6-Trichlorophenol	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
2,4-Dichlorophenol	2500	4	<	0.347	U	--			<	0.346	U	<	0.349	U	--			<	0.321	U	--			<	0.324	U	--		
2,4-Dimethylphenol	NC	NC	<	0.347	U	--			<	0.346	U	<	0.349	U	--			<	0.321	U	--			<	0.324	U	--		
2,4-Dinitrophenol	NC	NC	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
2,4-Dinitrotoluene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
2,6-Dinitrotoluene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
2-Chloronaphthalene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
2-Chlorophenol	2500	7.2	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
2-Methylnaphthalene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
2-Methylphenol	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
2-Nitroaniline	NC	NC	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
2-Nitrophenol	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
3,3'-Dichlorobenzidine	NC	NC	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
3-Nitroaniline	NC	NC	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
4,6-Dinitro-2-methylphenol	NC	NC	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
4-Bromophenylphenyl ether	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
4-Chloro-3-methylphenol	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
4-Chloroaniline	NC	NC	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
4-Chlorophenylphenyl ether	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
4-Methylphenol	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
4-Nitroaniline	NC	NC	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
4-Nitrophenol	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Acenaphthene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Acenaphthylene	2500	84	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Anthracene	2500	400	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Benzo(b)fluoranthene	7.8	1	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Benzo(g,h,I)fluoranthene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Benzo(a)anthracene	7.8	1	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Benzo(a)pyrene	1	1	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Benzo(k)fluoranthene	78	1	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Bis(2-chloroethyl) ether	5.2	2.4	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Bis(2-chloroisopropyl) ether	82	2.4	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Bis(2-ethylhexyl) phthalate	410	11	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Butylbenzyl phthalate	2500	200	0.244	0.382		--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Carbazole	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A1-2B			SB24A1-2B			SB24A2-1A			SB24A2-1B			SB24A2-2A			SB24A3-1A			SB24A3-1A			SB24A4-1A			SB24A4-1A		
Collect Date	ICC	PMC	11/23/98			11/23/98			11/30/98			11/30/98			11/25/98			11/24/98			11/24/98			11/23/98			11/23/98		
Sample Interval			3' - 5'			3' - 5'			1' - 3'			3' - 5'			0'4" - 1'1"			1'6" - 2'5"			1'6" - 2'5"			1' - 3'			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Di-n-butyl phthalate	2500	140	<	0.382	U	--			<	0.381	U	0.536	0.384		--			<	0.353	U	--			<	0.357	U	--		
Di-n-octyl phthalate	2500	20	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Dibenz(a,h)anthracene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Dibenzofuran	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Diethyl phthalate	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Dimethyl phthalate	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Fluoranthene	2500	56	<	0.382	U	--			<	0.381	U	<	0.384	U	--			0.297	0.353	J	--			<	0.357	U	--		
Fluorene	2500	56	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Hexachlorobenzene	3.6	1	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Hexachlorobutadiene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Hexachlorocyclopentadiene	NC	NC	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
Hexachloroethane	410	1	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Isophorone	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
N-Nitrosodi-n-propylamine	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
N-Nitrosodiphenylamine	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Napthalene	2500	56	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Nitrobenzene	NC	NC	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Pentachlorophenol	48	1	<	1.9	U	--			<	0.96	U	<	0.957	U	--			<	0.966	U	--			<	0.887	U	--		
Phenanthrene	2500	40	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Phenol	2500	800	<	0.382	U	--			<	0.381	U	<	0.384	U	--			<	0.353	U	--			<	0.357	U	--		
Pyrene	2500	40	<	0.382	U	--			<	0.381	U	<	0.384	U	--			0.239	0.353	J	--			<	0.357	U	--		
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																													
PCB 1016	NC	NC	--			--			<	0.0461	U	--			--			<	0.0427	U	--			<	0.0432	U	--		
PCB 1221	NC	NC	--			--			<	0.0923	U	--			--			<	0.0855	U	--			<	0.0865	U	--		
PCB 1232	NC	NC	--			--			<	0.0461	U	--			--			<	0.0427	U	--			<	0.0432	U	--		
PCB 1242	NC	NC	--			--			<	0.0923	U	--			--			<	0.0855	U	--			<	0.0865	U	--		
PCB 1248	NC	NC	--			--			<	0.0923	U	--			--			<	0.0855	U	--			<	0.0865	U	--		
PCB 1254	NC	NC	--			--			<	0.0461	U	--			--			<	0.0427	U	--			<	0.0432	U	--		
PCB 1260	NC	NC	--			--			<	0.0461	U	--			--			<	0.0427	U	--			<	0.0432	U	--		
TOTAL PETROLEUM HYDROCARBONS																													
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			<	10.7	U	--			--			<	10.7	U	--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A1-2B			SB24A1-2B			SB24A2-1A			SB24A2-1B			SB24A2-2A			SB24A3-1A			SB24A3-1A			SB24A4-1A			SB24A4-1A		
Collect Date	ICC	PMC	11/23/98			11/23/98			11/30/98			11/30/98			11/25/98			11/24/98			11/24/98			11/23/98			11/23/98		
Sample Interval			3' - 5'			3' - 5'			1' - 3'			3' - 5'			0'4" - 1'1"			1'6" - 2'5"			1'6" - 2'5"			1' - 3'			1' - 3'		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/l			mg/kg			mg/l		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																													
Aluminum	NC	NC	5680	NR		--			4410	NR		5160	NR		--			4090	NR		--			6180	NR		--		
Antimony	8200	0.06	<	11.6	U	--			<	11.5	U	<	11.6	U	--			<	10.7	U	--			<	10.8	U	--		
Arsenic	10	0.5	2.85	NR		--			2.8	NR		3.4	NR		--			2.71	NR		--			6.08	NR		--		
Barium	140000	10	22.7	NR		--			23.4	NR		12.8	NR		--			13.7	NR		--			32.3	NR		--		
Beryllium	2	0.04	0.288	NR	J	--			0.274	NR	J	0.266	NR	J	--			0.255	NR	J	--			0.317	NR	J	--		
Cadmium	1000	0.05	<	1.16	U	<	0.5	U	<	1.15	U	<	1.16	U	--			0.164	NR	J	<	0.5	U	<	1.08	U	<	0.5	U
Calcium	NC	NC	1700	NR		--			3040	NR		915	NR		--			2210	NR		--			5120	NR		--		
Chromium	51000	0.5	6.88	NR		<	0.5	U	6.23	NR		12	NR		--			7.14	NR		<	0.5	U	14.1	NR		<	0.5	U
Cobalt	NC	NC	3.87	NR		--			2.86	NR		5.27	NR		--			3.29	NR		--			6.07	NR		--		
Copper	76000	13	13.4	NR		--			18	NR		14.5	NR		--			20.4	NR		--			26.2	NR		--		
Iron	NC	NC	9020	NR		--			8330	NR		8930	NR		--			6920	NR		--			17300	NR		--		
Lead	1000	0.15	9.01	NR		<	0.25	U	30.5	NR		4.32	NR		--			7.1	NR		<	0.25	U	9.03	NR		<	0.25	U
Magnesium	NC	NC	1770	NR		--			1600	NR		2080	NR		--			1730	NR		--			2710	NR		--		
Manganese	NC	NC	98.1	NR		--			119	NR		106	NR		--			102	NR		--			269	NR		--		
Mercury	610	0.02	<	0.116	U	--			0.367	NR		0.0437	NR	J	--			2.23	NR		--			0.116	NR		--		
Nickel	7500	1	8.46	NR		<	0.05	U	9.8	NR		13.9	NR		--			10.1	NR		<	0.05	U	15.2	NR		<	0.05	U
Potassium	NC	NC	1000	NR		--			632	NR		694	NR		--			663	NR		--			1230	NR		--		
Selenium	10000	0.5	<	1.16	U	--			<	1.15	U	<	1.16	U	--			<	1.07	U	--			<	1.08	U	--		
Silver	10000	0.36	<	2.31	U	--			<	2.31	U	<	2.33	U	--			<	2.14	U	--			<	2.16	U	--		
Sodium	NC	NC	185	NR		--			335	NR		72.6	NR		--			140	NR		--			322	NR		--		
Thallium	160	0.05	<	1.16	U	--			<	1.15	U	<	1.16	U	--			<	1.07	U	--			<	1.08	U	--		
Vanadium	14000	0.5	13.1	NR		<	0.05	U	8.26	NR		10.1	NR		--			8.47	NR		<	0.05	U	15.3	NR		<	0.05	U
Zinc	610000	50	22.4	NR		--			32	NR		22.6	NR		--			25.5	NR		--			32.6	NR		--		
METALS BY GRAPHITE FURNACE																													
Antimony	8200	0.06	--			--			--			--			--			--			--			--			--		
OTHER PARAMETERS																													
Cation Excange Capacity	NC	NC	--			--			1.69	NR		--			--			--			--			3.29	NR		--		
Cyanide	41000	2	<	0.58	U	--			<	0.58	U	<	0.58	U	--			<	0.53	U	--			<	0.54	U	--		
Total Organic Carbon (TOC)	NC	NC	--			--			0.363	0.00011		--			--			0.883	0.00011	J	--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A4-1B			SB24A4-1B			SB24A4-2A			SB24A4-2A			SB24A4-2B			SB24A4-4A			SB24A4-4A			SB24A4-4B		
Collect Date	ICC	PMC	11/23/98			11/23/98			11/25/98			11/25/98			11/24/98			11/25/98			11/25/98			11/25/98		
Sample Interval			3' - 5'			3' - 5'			1'6" - 3'6"			1'6" - 3'6"			3'6" - 5'6"			0'8" - 2'8"			0'8" - 2'8"			2'8" - 4'8"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	0.001	0.005	J	--			0.320	0.005	J	--			<	0.005	U	0.008	0.005		--			<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.005	U	--			0.007	0.005	J	--			<	0.005	U	<	0.005	U	--			<	0.005	U
1,1-Dichloroethane	1000	14	0.001	0.005	J	--			0.150	0.005	J	--			<	0.005	U	<	0.005	U	--			<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	--			0.004	0.005	J	--			<	0.005	U	<	0.005	U	--			<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
1,2-Dichloropropane	84	1	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
2-Butanone	1000	80	<	0.009	UJ	--			<	0.018	UJ	--			<	0.010	UJ	<	0.010	U	--			<	0.010	U
2-Hexanone	NC	NC	<	0.009	U	--			<	0.018	UJ	--			<	0.010	U	<	0.010	U	--			<	0.010	U
Acetone	1000	140	0.018	0.005		--			<	0.018	UJ	--			<	0.039	U	<	0.010	U	--			<	0.010	U
Benzene	200	0.2	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	U	--			<	0.005	UJ	--			<	0.005	UJ	<	0.005	U	--			<	0.005	U
Bromoform	720	0.8	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Bromomethane	NC	NC	<	0.009	UJ	--			<	0.018	UJ	--			<	0.010	U	<	0.010	UJ	--			<	0.010	UJ
Carbon disulfide	NC	NC	0.001	0.005	J	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Carbon tetrachloride	44	1	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	UJ
Chlorobenzene	1000	20	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Chloroethane	NC	NC	<	0.009	U	--			<	0.018	UJ	--			<	0.010	U	<	0.010	U	--			<	0.010	U
Chloroform	940	1.2	0.002	0.005	J	--			0.008	0.005	J	--			0.002	0.005	J	0.002	0.005	J	--			0.002	0.005	J
Chloromethane	NC	NC	<	0.009	U	--			<	0.018	UJ	--			<	0.010	U	<	0.010	U	--			<	0.010	U
cis-1,2-Dichloroethylene	100	14	0.001	0.005	J	--			0.003	0.005	J	--			0.001	0.005	J	<	0.005	U	--			<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	--			<	0.005	UJ	--			<	0.005	UJ	<	0.005	U	--			<	0.005	U
Dibromochloromethane	68	0.1	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Ethylbenzene	1000	10.1	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Methyl isobutyl ketone	1000	14	<	0.009	U	--			<	0.018	UJ	--			0.002	0.005	J	<	0.010	U	--			<	0.010	U
Methylene chloride	760	1	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Styrene	1000	20	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Tetrachloroethylene	110	1	0.001	0.005	J	--			0.004	0.005	J	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Toluene	1000	67	0.001	0.005	J	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			<	0.005	U
Trichloroethylene	520	1	0.002	0.005	J	--			0.610	0.005	E	--			0.008	0.005		<	0.005	U	--			<	0.005	U
Vinyl acetate	NC	NC	<	0.009	U	--			<	0.018	UJ	--			<	0.010	U	<	0.010	U	--			<	0.010	U
Vinyl chloride	3	0.4	<	0.009	U	--			<	0.018	UJ	--			<	0.010	U	<	0.010	U	--			<	0.010	U
Xylenes, Total	1000	19.5	<	0.005	U	--			<	0.005	UJ	--			<	0.005	U	<	0.005	U	--			0.002	0.005	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A4-1B			SB24A4-1B			SB24A4-2A			SB24A4-2A			SB24A4-2B			SB24A4-4A			SB24A4-4A			SB24A4-4B		
Collect Date	ICC	PMC	11/23/98			11/23/98			11/25/98			11/25/98			11/24/98			11/25/98			11/25/98			11/25/98		
Sample Interval			3' - 5'			3' - 5'			1'6" - 3'6"			1'6" - 3'6"			3'6" - 5'6"			0'8" - 2'8"			0'8" - 2'8"			2'8" - 4'8"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
1,2-Dichlorobenzene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
1,3-Dichlorobenzene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
1,4-Dichlorobenzene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
2,4,5-Trichlorophenol	NC	NC	<	0.897	U	--			<	9.9	U	--			<	1.03	U	<	0.908	U	--			<	0.876	U
2,4,6-Trichlorophenol	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
2,4-Dichlorophenol	2500	4	<	0.348	U	--			<	0.348	U	--			<	0.372	U	<	0.361	U	--			<	0.348	U
2,4-Dimethylphenol	NC	NC	<	0.348	U	--			<	0.348	U	--			<	0.372	U	<	0.361	U	--			<	0.348	U
2,4-Dinitrophenol	NC	NC	<	0.897	U	--			<	0.963	U	--			<	1.03	U	<	0.908	U	--			<	9.9	U
2,4-Dinitrotoluene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
2,6-Dinitrotoluene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
2-Chloronaphthalene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
2-Chlorophenol	2500	7.2	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
2-Methylnaphthalene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
2-Methylphenol	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
2-Nitroaniline	NC	NC	<	0.897	U	--			<	0.963	U	--			<	1.03	U	<	0.908	U	--			<	0.876	U
2-Nitrophenol	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
3,3'-Dichlorobenzidine	NC	NC	<	0.897	U	--			<	0.963	U	--			<	1.03	U	<	0.908	U	--			<	0.876	U
3-Nitroaniline	NC	NC	<	0.897	U	--			<	0.963	U	--			<	1.03	U	<	0.908	U	--			<	0.876	U
4,6-Dinitro-2-methylphenol	NC	NC	<	0.897	U	--			<	0.963	U	--			<	1.03	U	<	0.908	U	--			<	0.876	U
4-Bromophenylphenyl ether	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
4-Chloro-3-methylphenol	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
4-Chloroaniline	NC	NC	<	0.897	U	--			<	0.963	U	--			<	1.03	U	<	0.908	U	--			<	0.876	U
4-Chlorophenylphenyl ether	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
4-Methylphenol	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
4-Nitroaniline	NC	NC	<	0.897	U	--			<	0.963	U	--			<	1.03	U	<	0.908	U	--			<	0.876	U
4-Nitrophenol	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Acenaphthene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Acenaphthylene	2500	84	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Anthracene	2500	400	<	0.383	U	--			<	0.383	U	--			<	0.409	U	0.0934	0.00000011	J	--			<	0.348	U
Benzo(b)fluoranthene	7.8	1	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Benzo(g,h,I)fluoranthene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Benzo(a)anthracene	7.8	1	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Benzo(a)pyrene	1	1	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Benzo(k)fluoranthene	78	1	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			0.107	0.00000011	J
Butylbenzyl phthalate	2500	200	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Carbazole	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A4-1B			SB24A4-1B			SB24A4-2A			SB24A4-2A			SB24A4-2B			SB24A4-4A			SB24A4-4A			SB24A4-4B		
Collect Date	ICC	PMC	11/23/98			11/23/98			11/25/98			11/25/98			11/24/98			11/25/98			11/25/98			11/25/98		
Sample Interval			3' - 5'			3' - 5'			1'6" - 3'6"			1'6" - 3'6"			3'6" - 5'6"			0'8" - 2'8"			0'8" - 2'8"			2'8" - 4'8"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	0.202	0.00000011	J	--			<	0.348	U
Di-n-butyl phthalate	2500	140	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Di-n-octyl phthalate	2500	20	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Dibenz(a,h)anthracene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Dibenzofuran	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Diethyl phthalate	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Dimethyl phthalate	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Fluoranthene	2500	56	<	0.383	U	--			<	0.383	U	--			<	0.409	U	0.536	0.361		--			<	0.348	U
Fluorene	2500	56	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Hexachlorobenzene	3.6	1	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Hexachlorobutadiene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Hexachlorocyclopentadiene	NC	NC	<	0.897	U	--			<	0.963	U	--			<	1.03	U	<	0.908	U	--			<	0.876	U
Hexachloroethane	410	1	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Isophorone	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
N-Nitrosodiphenylamine	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Napthalene	2500	56	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Nitrobenzene	NC	NC	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Pentachlorophenol	48	1	<	0.897	U	--			<	0.963	U	--			<	1.03	U	<	0.908	U	--			<	0.876	U
Phenanthrene	2500	40	<	0.383	U	--			<	0.383	U	--			<	0.409	U	0.381	0.361		--			0.209	0.348	J
Phenol	2500	800	<	0.383	U	--			<	0.383	U	--			<	0.409	U	<	0.361	U	--			<	0.348	U
Pyrene	2500	40	<	0.383	U	--			<	0.383	U	--			<	0.409	U	0.356	0.361		--			<	0.348	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			--			--			--			<	0.0496	U	<	0.0438	U	--			--		
PCB 1221	NC	NC	--			--			--			--			<	0.0993	U	<	0.0875	U	--			--		
PCB 1232	NC	NC	--			--			--			--			<	0.0496	U	<	0.0438	U	--			--		
PCB 1242	NC	NC	--			--			--			--			<	0.0993	U	<	0.0875	U	--			--		
PCB 1248	NC	NC	--			--			--			--			<	0.0993	U	<	0.0875	U	--			--		
PCB 1254	NC	NC	--			--			--			--			<	0.0496	U	<	0.0438	U	--			--		
PCB 1260	NC	NC	--			--			--			--			<	0.0496	U	<	0.0438	U	--			--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500				--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A4-1B			SB24A4-1B			SB24A4-2A			SB24A4-2A			SB24A4-2B			SB24A4-4A			SB24A4-4A			SB24A4-4B		
Collect Date	ICC	PMC	11/23/98			11/23/98			11/25/98			11/25/98			11/24/98			11/25/98			11/25/98			11/25/98		
Sample Interval			3' - 5'			3' - 5'			1'6" - 3'6"			1'6" - 3'6"			3'6" - 5'6"			0'8" - 2'8"			0'8" - 2'8"			2'8" - 4'8"		
Units	mg/kg	mg/kg	mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	6970	NR		--			8500	NR		--			4240	NR		5750	NR		--			2960	NR	J
Antimony	8200	0.06	4.78	0.01		--			<	11.6	U	--						<	10.9	U	--			<	10.6	U
Arsenic	10	0.5	4.43	NR		--			5.23	NR		--			6.8	NR		1.95	NR		--			1.62	NR	
Barium	140000	10	17.3	NR		--			24.5	NR		--			71.7	NR		13.9	NR		--			10.7	NR	
Beryllium	2	0.04	0.313	NR	J	--			0.406	NR	J	--			0.274	NR	J	0.323	NR	J	--			0.196	NR	J
Cadmium	1000	0.05	<	1.16	U	<	0.5	U	<	1.24	U	<	0.5	U	<	1.16	U	<	1.09	U	<	0.5	U	<	1.06	U
Calcium	NC	NC	767	NR		--			1680	NR		--			2310	NR		875	NR		--			682	NR	
Chromium	51000	0.5	9.55	NR		<	0.5	U	11.9	NR		<	0.5	U	7.7	NR		6.52	NR		<	0.5	U	3.86	NR	
Cobalt	NC	NC	5.08	NR		--			4.97	NR		--			7.74	NR		2.85	NR		--			3.32	NR	
Copper	76000	13	13.6	NR		--			10.1	NR		--			22.8	NR		8.87	NR		--			7.74	NR	
Iron	NC	NC	10100	NR		--			12800	NR		--			9170	NR		7710	NR		--			6970	NR	
Lead	1000	0.15	7.88	NR		<	0.25	U	10.9	NR		<	0.25	U	8.33	NR		5.21	NR		<	0.25	U	3.1	NR	
Magnesium	NC	NC	2100	NR		--			2590	NR		--			1330	NR		1440	NR		--			1050	NR	
Manganese	NC	NC	130	NR		--			159	NR		--			87.5	NR		111	NR		--			99.5	NR	
Mercury	610	0.02	<	0.116	U	--			<	0.12	U	--			0.0538	NR	J	<	0.11	U	--			<	0.11	U
Nickel	7500	1	9.56	NR		<	0.05	U	9.32	NR		<	0.05	U	20.1	NR		5.83	NR		<	0.05	U	5.29	NR	
Potassium	NC	NC	729	NR		--			635	NR		--			730	NR		297	NR		--			381	NR	
Selenium	10000	0.5	<	1.16	U	--			<	1.16	U	--			<	1.24	U	<	1.09	U	--			<	1.06	U
Silver	10000	0.36	<	2.32	U	--			<	2.32	U	--			<	2.48	U	<	2.19	U	--			<	2.11	U
Sodium	NC	NC	86.5	NR		--			491	NR		--			219	NR		320	NR		--			39.5	NR	
Thallium	160	0.05	<	1.16	U	--			<	1.16	U	--			<	1.24	U	<	1.09	U	--			<	1.06	U
Vanadium	14000	0.5	12.3	NR		<	0.05	U	13.6	NR		<	0.05	U	10.5	NR		9.5	NR		<	0.05	U	6.77	NR	
Zinc	610000	50	29.3	NR		--			29.5	NR		--			20.5	NR		18	NR		--			11.5	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			--			--			--			--			--			--			--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.58	U	--			<	0.58	U	--			<	0.62	U	<	0.55	U	--			<	0.53	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A4-4B			SB24A4-4C			SB24A4-4C			SB24B1-1A			SB24B1-1B			SB24B1-2A			SB24B1-2A			SB24B1-2B		
Collect Date	ICC	PMC	11/25/98			11/25/98			11/25/98			12/9/98			12/9/98			12/1/98			12/1/98			12/1/98		
Sample Interval			2'8" - 4'8"			4'8" - 6'8"			4'8" - 6'8"			0'4" - 2'4"			2'4" - 4'4"			0'3" - 2'3"			0'3" - 2'3"			2'3" - 4'3"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	--			<	4.500	U	--			0.002	0.006	J	2.600	1.300		<	0.005	U	--			<	0.006	U
1,1,2,2-Tetrachloroethane	220	0.1	--			<	4.500	U	--			<	0.006	U	0.590	1.300	J	<	0.005	U	--			<	0.006	U
1,1,2-Trichloroethane	100	1	--			<	4.500	U	--			<	0.006	U	<	1.300	U	<	0.005	U	--			<	0.006	U
1,1-Dichloroethane	1000	14	--			<	4.500	U	--			0.001	0.006	J	9.800	1.300		<	0.005	U	--			<	0.006	U
1,1-Dichloroethylene	9.5	1.4	--			<	4.500	U	--			<	0.006	U	3.000	1.300		<	0.005	U	--			<	0.006	U
1,2-Dichloroethane	63	0.2	--			<	4.500	U	--			<	0.006	U	0.210	1.300	J	<	0.005	U	--			<	0.006	U
1,2-Dichloropropane	84	1	--			<	4.500	U	--			<	0.006	U	<	1.300	U	<	0.005	U	--			<	0.006	U
2-Butanone	1000	80	--			<	4.500	U	--			<	0.011	UJ	<	1.300	U	<	0.009	UJ	--			<	0.011	UJ
2-Hexanone	NC	NC	--			<	4.500	U	--			<	0.011	U	<	1.300	U	<	0.009	U	--			<	0.011	U
Acetone	1000	140	--			<	4.500	U	--			0.018	0.006		0.920	1.300	J	<	0.012	U	--			<	0.035	U
Benzene	200	0.2	--			<	4.500	U	--			0.001	0.006	J	<	1.300	U	0.000	0.006	J	--			<	0.006	U
Bromodichloromethane	NC	NC	--			<	4.500	U	--			<	0.006	UJ	<	1.300	U	<	0.005	U	--			<	0.006	UJ
Bromoform	720	0.8	--			<	4.500	U	--			<	0.006	U	<	1.300	U	<	0.005	U	--			<	0.006	U
Bromomethane	NC	NC	--			<	4.500	U	--			<	0.011	U	<	1.300	U	<	0.009	U	--			<	0.011	U
Carbon disulfide	NC	NC	--			<	4.500	U	--			0.000	0.006	J	<	1.300	U	<	0.005	U	--			<	0.006	U
Carbon tetrachloride	44	1	--			<	4.500	UJ	--			<	0.006	U	<	1.300	U	<	0.005	U	--			<	0.006	U
Chlorobenzene	1000	20	--			<	4.500	U	--			<	0.006	U	<	1.300	U	<	0.005	U	--			<	0.006	U
Chloroethane	NC	NC	--			<	4.500	U	--			<	0.011	U	11.000	1.300	J	<	0.009	U	--			<	0.011	U
Chloroform	940	1.2	--			<	4.500	U	--			0.001	0.006	J	<	1.300	U	0.002	0.006	J	--			0.002	0.006	J
Chloromethane	NC	NC	--			<	4.500	U	--			<	0.011	U	<	1.300	U	<	0.009	U	--			<	0.011	U
cis-1,2-Dichloroethylene	100	14	--			<	4.500	U	--			<	0.006	U	0.840	1.300	J	<	0.005	U	--			<	0.006	U
cis-1,3-Dichloropropene	NC	NC	--			<	4.500	U	--			<	0.006	U	<	1.300	U	<	0.005	U	--			<	0.006	U
Dibromochloromethane	68	0.1	--			<	4.500	UJ	--			<	0.006	U	<	1.300	U	<	0.005	U	--			<	0.006	U
Ethylbenzene	1000	10.1	--			3.300	0.000	J	--			0.000	0.006	J	0.120	1.300	J	<	0.005	U	--			<	0.006	U
Methyl isobutyl ketone	1000	14	--			<	4.500	U	--			0.005	0.006	J	<	1.300	U	0.002	0.006	J	--			0.002	0.000	J
Methylene chloride	760	1	--			<	4.500	U	--			<	0.006	UJ	0.620	1.300	J	<	0.005	U	--			<	0.006	U
Styrene	1000	20	--			<	4.500	U	--			<	0.006	U	<	1.300	U	<	0.005	U	--			<	0.006	U
Tetrachloroethylene	110	1	--			<	4.500	U	--			0.004	0.006	J	0.390	1.300	J	0.001	0.006	J	--			<	0.006	U
Toluene	1000	67	--			<	4.500	U	--			0.002	0.006	J	3.700	1.300	J	0.001	0.006	J	--			<	0.006	U
trans-1,2-Dichloroethylene	1000	20	--			<	4.500	U	--			<	0.006	U	1.000	1.300	J	<	0.005	U	--			<	0.006	U
trans-1,3-Dichloropropene	NC	NC	--			<	4.500	U	--			<	0.006	U	<	1.300	U	<	0.005	U	--			<	0.006	U
Trichloroethylene	520	1	--			<	4.500	UJ	--			0.002	0.006	J	0.820	1.300	J	<	0.005	U	--			<	0.006	U
Vinyl acetate	NC	NC	--			<	4.500	U	--			<	0.011	U	<	1.300	U	<	0.009	U	--			<	0.009	U
Vinyl chloride	3	0.4	--			<	4.500	U	--			<	0.011	U	0.790	1.300	J	<	0.009	U	--			<	0.011	U
Xylenes, Total	1000	19.5	--			3.000	0.000	J	--			0.001	0.006	J	0.560	1.300	J	<	0.005	U	--			<	0.006	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A4-4B			SB24A4-4C			SB24A4-4C			SB24B1-1A			SB24B1-1B			SB24B1-2A			SB24B1-2A			SB24B1-2B		
Collect Date	ICC	PMC	11/25/98			11/25/98			11/25/98			12/9/98			12/9/98			12/1/98			12/1/98			12/1/98		
Sample Interval			2'8" - 4'8"			4'8" - 6'8"			4'8" - 6'8"			0'4" - 2'4"			2'4" - 4'4"			0'3" - 2'3"			0'3" - 2'3"			2'3" - 4'3"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
1,2-Dichlorobenzene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
1,3-Dichlorobenzene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
1,4-Dichlorobenzene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
2,4,5-Trichlorophenol	NC	NC	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
2,4,6-Trichlorophenol	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
2,4-Dichlorophenol	2500	4	--			<	0.328	U	--			<	9.62	U	<	9.86	U	<	3.26	U	--			<	0.333	U
2,4-Dimethylphenol	NC	NC	--			<	0.328	U	--			<	9.62	U	<	9.86	U	<	3.26	U	--			<	0.333	U
2,4-Dinitrophenol	NC	NC	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
2,4-Dinitrotoluene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
2,6-Dinitrotoluene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
2-Chloronaphthalene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
2-Chlorophenol	2500	7.2	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
2-Methylnaphthalene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
2-Methylphenol	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
2-Nitroaniline	NC	NC	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
2-Nitrophenol	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
3,3'-Dichlorobenzidine	NC	NC	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
3-Nitroaniline	NC	NC	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
4,6-Dinitro-2-methylphenol	NC	NC	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
4-Bromophenylphenyl ether	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
4-Chloro-3-methylphenol	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
4-Chloroaniline	NC	NC	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
4-Chlorophenylphenyl ether	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
4-Methylphenol	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
4-Nitroaniline	NC	NC	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
4-Nitrophenol	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Acenaphthene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Acenaphthylene	2500	84	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Anthracene	2500	400	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Benzo(b)fluoranthene	7.8	1	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			0.0851	0.00000011	J
Benzo(g,h,I)fluoranthene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Benzo(a)anthracene	7.8	1	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			0.097	0.00000011	J
Benzo(a)pyrene	1	1	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			0.061	0.00000011	J
Benzo(k)fluoranthene	78	1	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Benzoic acid	NC	NC	--				--		--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--				--		--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Bis(2-chloroethyl) ether	5.2	2.4	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Bis(2-chloroisopropyl) ether	82	2.4	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Bis(2-ethylhexyl) phthalate	410	11	--			0.286	0.00000011	J	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Butylbenzyl phthalate	2500	200	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Carbazole	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A4-4B			SB24A4-4C			SB24A4-4C			SB24B1-1A			SB24B1-1B			SB24B1-2A			SB24B1-2A			SB24B1-2B		
Collect Date	ICC	PMC	11/25/98			11/25/98			11/25/98			12/9/98			12/9/98			12/1/98			12/1/98			12/1/98		
Sample Interval			2'8" - 4'8"			4'8" - 6'8"			4'8" - 6'8"			0'4" - 2'4"			2'4" - 4'4"			0'3" - 2'3"			0'3" - 2'3"			2'3" - 4'3"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Di-n-butyl phthalate	2500	140	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Di-n-octyl phthalate	2500	20	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Dibenz(a,h)anthracene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Dibenzofuran	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Diethyl phthalate	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Dimethyl phthalate	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Fluoranthene	2500	56	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			0.163	0.367	J
Fluorene	2500	56	--			<	0.353	U	--			<	10.6	U	<	10.8	U	0.892	3.59		--			<	0.367	U
Hexachlorobenzene	3.6	1	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Hexachlorobutadiene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Hexachlorocyclopentadiene	NC	NC	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
Hexachloroethane	410	1	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Indeno(1,2,3-C,D)pyrene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Isophorone	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
N-Nitrosodi-n-propylamine	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
N-Nitrosodiphenylamine	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Napthalene	2500	56	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Nitrobenzene	NC	NC	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Pentachlorophenol	48	1	--			<	0.887	U	--			<	26.6	U	<	27.3	U	<	9.03	U	--			<	0.922	U
Phenanthrene	2500	40	--			0.221	0.353	J	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Phenol	2500	800	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			<	0.367	U
Pyrene	2500	40	--			<	0.353	U	--			<	10.6	U	<	10.8	U	<	3.59	U	--			0.164	0.367	J
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			--			--			<	0.0427	U	--			<	0.0435	U	--			--		
PCB 1221	NC	NC	--			--			--			<	0.0855	U	--			<	0.0871	U	--			--		
PCB 1232	NC	NC	--			--			--			<	0.0427	U	--			<	0.0435	U	--			--		
PCB 1242	NC	NC	--			--			--			<	0.0855	U	--			<	0.0871	U	--			--		
PCB 1248	NC	NC	--			--			--			<	0.0855	U	--			<	0.0871	U	--			--		
PCB 1254	NC	NC	--			--			--			<	0.0427	U	--			<	0.0435	U	--			--		
PCB 1260	NC	NC	--			--			--			0.0852	NR		--			<	0.0435	U	--			--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24A4-4B			SB24A4-4C			SB24A4-4C			SB24B1-1A			SB24B1-1B			SB24B1-2A			SB24B1-2A			SB24B1-2B		
Collect Date	ICC	PMC	11/25/98			11/25/98			11/25/98			12/9/98			12/9/98			12/1/98			12/1/98			12/1/98		
Sample Interval			2'8" - 4'8"			4'8" - 6'8"			4'8" - 6'8"			0'4" - 2'4"			2'4" - 4'4"			0'3" - 2'3"			0'3" - 2'3"			2'3" - 4'3"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/l			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	--			3240	NR		--			6090	NR		5930	NR		6240	NR		--			5370	NR	
Antimony	8200	0.06	--			<	10.7	U	--			<	10.7	U	<	11	U	<	10.9	U	--			<	11.1	U
Arsenic	10	0.5	--			0.748	NR	J	--			3.06	NR		2.72	NR		4.33	NR		--			3.16	NR	
Barium	140000	10	--			12.6	NR		--			21.9	NR		22.3	NR		22.5	NR		--			17	NR	
Beryllium	2	0.04	--			0.183	NR	J	--			0.335	NR	J	0.281	NR	J	0.295	NR	J	--			0.248	NR	J
Cadmium	1000	0.05	<	0.5	U	<	1.07	U	<	0.5	U	<	1.07	U	<	1.1	U	<	1.11	U	<	0.5	U	<	1.11	U
Calcium	NC	NC	--			502	NR		--			1600	NR		1420	NR		1390	NR		--			729	NR	
Chromium	51000	0.5	<	0.5	U	7.21	NR		<	0.5	U	11.8	NR		10.8	NR		11.9	NR		<	0.5	U	12.2	NR	
Cobalt	NC	NC	--			2.84	NR		--			5.08	NR		4.75	NR		4.22	NR		--			4.11	NR	
Copper	76000	13	--			7.63	NR		--			17.1	NR		16.2	NR		15	NR		--			13.4	NR	
Iron	NC	NC	--			6480	NR		--			10100	NR		9130	NR		10800	NR		--			9500	NR	
Lead	1000	0.15	<	0.25	U	4.1	NR		<	0.25	U	12	NR		8.37	NR		18.9	NR		<	0.25	U	5.39	NR	
Magnesium	NC	NC	--			1250	NR		--			2300	NR		2140	NR		2250	NR		--			2030	NR	
Manganese	NC	NC	--			62.3	NR		--			165	NR		136	NR		166	NR		--			151	NR	
Mercury	610	0.02	--			<	0.11	U	--			0.369	NR		0.171	NR		<	0.109	U	--			<	0.111	U
Nickel	7500	1	<	0.05	U	4.93	NR		<	0.05	U	11.6	NR		10.8	NR		9.21	NR		<	0.05	U	10.6	NR	
Potassium	NC	NC	--			542	NR		--			994	NR		852	NR		895	NR		--			706	NR	
Selenium	10000	0.5	--			<	1.07	U	--			<	1.07	U	<	1.1	U	<	1.09	U	--			<	1.11	U
Silver	10000	0.36	--			<	2.14	U	--			<	2.14	U	<	2.19	U	<	2.18	U	--			<	2.22	U
Sodium	NC	NC	--			39.9	NR		--			58.2	NR		76.5	NR		306	NR		--			95.4	NR	
Thallium	160	0.05	--			<	1.07	U	--			<	1.07	U	<	1.1	U	<	1.09	U	--			<	1.11	U
Vanadium	14000	0.5	<	0.05	U	7.9	NR		<	0.05	U	15	NR		13.3	NR		13.1	NR		<	0.05	U	11.4	NR	
Zinc	610000	50	--			14.3	NR		--			42.1	NR		24.4	NR		228.2	NR		--			18.4	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			--			--			2.22	0.01		0.749	0.01		--			--			--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	--			<	0.53	U	--			<	0.53	U	<	0.55	U	<	0.54	U	--			<	0.56	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24B1-2B			SB24C1-1A			SB24C1-1A			SB24C1-1B			SB24C1-1B			SB24D1-1A			SB24D1-1B			SB25A1-1A		
Collect Date	ICC	PMC	12/1/98			12/1/98			12/1/98			12/1/98			12/1/98			11/20/98			11/20/98			12/9/98		
Sample Interval			2'3" - 4'3"			1'6" - 3'6"			1'6" - 3'6"			3'6" - 5'6"			3'6" - 5'6"			0' - 2'			2' - 4'			1'8" - 3'8"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	0.003	0.006	J	0.002	0.000	J
1,1,2,2-Tetrachloroethane	220	0.1	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
1,1,2-Trichloroethane	100	1	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
1,1-Dichloroethane	1000	14	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
1,2-Dichloroethane	63	0.2	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
1,2-Dichloropropane	84	1	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
2-Butanone	1000	80	--			0.002	0.005	J	--			0.011	0.005		--			<	0.012	UJ	<	0.013	UJ	<	0.011	U
2-Hexanone	NC	NC	--			<	0.010	U	--			<	0.009	U	--			<	0.012	U	<	0.013	U	<	0.011	U
Acetone	1000	140	--			<	0.011	U	--			<	0.030	U	--			<	0.064	U	0.024	0.006		0.010	0.000	J
Benzene	200	0.2	--			<	0.005	U	--			0.002	0.005	J	--			<	0.006	U	<	0.006	U	0.001	0.000	J
Bromodichloromethane	NC	NC	--			<	0.005	UJ	--			<	0.005	UJ	--			<	0.006	U	<	0.006	U	<	0.005	U
Bromoform	720	0.8	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
Bromomethane	NC	NC	--			<	0.010	U	--			<	0.009	U	--			<	0.012	UJ	<	0.013	UJ	<	0.011	U
Carbon disulfide	NC	NC	--			<	0.005	U	--			0.002	0.005	J	--			<	0.006	U	<	0.006	U	0.000	0.000	J
Carbon tetrachloride	44	1	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
Chlorobenzene	1000	20	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
Chloroethane	NC	NC	--			<	0.010	U	--			<	0.009	U	--			<	0.012	U	<	0.013	U	<	0.011	U
Chloroform	940	1.2	--			0.002	0.005	J	--			0.002	0.005	J	--			<	0.006	U	0.002	0.006	J	0.002	0.000	J
Chloromethane	NC	NC	--			<	0.010	U	--			<	0.009	U	--			<	0.012	U	<	0.013	U	<	0.011	U
cis-1,2-Dichloroethylene	100	14	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
Dibromochloromethane	68	0.1	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
Ethylbenzene	1000	10.1	--			<	0.005	U	--			0.000	0.005	J	--			<	0.006	U	<	0.006	U	0.000	0.000	J
Methyl isobutyl ketone	1000	14	--			0.001	0.005	J	--			<	0.009	U	--			<	0.012	U	<	0.013	U	<	0.011	U
Methylene chloride	760	1	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	UJ
Styrene	1000	20	--			<	0.005	U	--			0.000	0.005	J	--			<	0.006	U	<	0.006	U	<	0.005	U
Tetrachloroethylene	110	1	--			0.001	0.005	J	--			0.010	0.005		--			<	0.006	U	<	0.006	U	<	0.005	U
Toluene	1000	67	--			0.000	0.005	J	--			0.002	0.005	J	--			<	0.006	U	<	0.006	U	0.001	0.000	J
trans-1,2-Dichloroethylene	1000	20	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	--			<	0.005	U	--			<	0.005	U	--			<	0.006	U	<	0.006	U	<	0.005	U
Trichloroethylene	520	1	--			<	0.005	U	--			0.001	0.005	J	--			<	0.006	U	<	0.006	U	0.001	0.000	J
Vinyl acetate	NC	NC	--			<	0.010	U	--			<	0.009	U	--			<	0.012	U	<	0.013	U	<	0.011	U
Vinyl chloride	3	0.4	--			<	0.010	U	--			<	0.009	U	--			<	0.012	U	<	0.013	U	<	0.011	U
Xylenes, Total	1000	19.5	--			<	0.005	U	--			0.001	0.005	J	--			<	0.006	U	<	0.006	U	0.000	0.000	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24B1-2B			SB24C1-1A			SB24C1-1A			SB24C1-1B			SB24C1-1B			SB24D1-1A			SB24D1-1B			SB25A1-1A		
Collect Date	ICC	PMC	12/1/98			12/1/98			12/1/98			12/1/98			12/1/98			11/20/98			11/20/98			12/9/98		
Sample Interval			2'3" - 4'3"			1'6" - 3'6"			1'6" - 3'6"			3'6" - 5'6"			3'6" - 5'6"			0' - 2'			2' - 4'			1'8" - 3'8"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
1,2-Dichlorobenzene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
1,3-Dichlorobenzene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
1,4-Dichlorobenzene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
2,4,5-Trichlorophenol	NC	NC	--			<	9.18	U	<	0.5	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
2,4,6-Trichlorophenol	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
2,4-Dichlorophenol	2500	4	--			<	3.32	U	<	0.1	U	<	3.32	U	--			<	0.319	U	<	10.1	U	<	10.6	U
2,4-Dimethylphenol	NC	NC	--			<	0.1	U	<	0.1	U	<	0.1	U	--			<	0.319	U	<	10.1	U	<	10.6	U
2,4-Dinitrophenol	NC	NC	--			<	9.18	U	<	0.5	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
2,4-Dinitrotoluene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
2,6-Dinitrotoluene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
2-Chloronaphthalene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
2-Chlorophenol	2500	7.2	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
2-Methylnaphthalene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
2-Methylphenol	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
2-Nitroaniline	NC	NC	--			<	9.18	U	<	0.5	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
2-Nitrophenol	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
3,3'-Dichlorobenzidine	NC	NC	--			<	9.18	U	<	0.2	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
3-Nitroaniline	NC	NC	--			<	9.18	U	<	0.5	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
4,6-Dinitro-2-methylphenol	NC	NC	--			<	9.18	U	<	0.5	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
4-Bromophenylphenyl ether	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
4-Chloro-3-methylphenol	NC	NC	--			<	3.65	U	<	0.2	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
4-Chloroaniline	NC	NC	--			<	9.18	U	<	0.2	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
4-Chlorophenylphenyl ether	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
4-Methylphenol	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
4-Nitroaniline	NC	NC	--			<	9.18	U	<	0.5	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
4-Nitrophenol	NC	NC	--			<	3.65	U	<	0.5	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Acenaphthene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Acenaphthylene	2500	84	--			<	3.65	U	<	0.1	U	0.178	0.00000011	J	--			<	11.1	U	<	11.7	U	<	10.1	U
Anthracene	2500	400	--			<	3.65	U	<	0.1	U	0.0882	0.00000011	J	--			<	11.1	U	<	11.7	U	<	10.1	U
Benzo(b)fluoranthene	7.8	1	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Benzo(g,h,I)fluoranthene	NC	NC	--			<	3.65	U	<	0.1	U	0.415	0.00000011		--			<	11.1	U	<	11.7	U	<	10.1	U
Benzo(a)anthracene	7.8	1	--			<	3.65	U	<	0.1	U	0.931	0.00000011		--			<	11.1	U	<	11.7	U	<	10.1	U
Benzo(a)pyrene	1	1	--			<	3.65	U	<	0.1	U	0.901	0.00000011		--			<	11.1	U	<	11.7	U	<	10.1	U
Benzo(k)fluoranthene	78	1	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Benzoic acid	NC	NC	--			--			<	0.5	U	--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			<	0.2	U	--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Bis(2-chloroethyl) ether	5.2	2.4	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Bis(2-chloroisopropyl) ether	82	2.4	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Bis(2-ethylhexyl) phthalate	410	11	--			<	3.65	U	<	0.1	U	0.116	0.00000011	J	--			<	11.1	U	<	11.7	U	<	10.1	U
Butylbenzyl phthalate	2500	200	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Carbazole	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24B1-2B			SB24C1-1A			SB24C1-1A			SB24C1-1B			SB24C1-1B			SB24D1-1A			SB24D1-1B			SB25A1-1A		
Collect Date	ICC	PMC	12/1/98			12/1/98			12/1/98			12/1/98			12/1/98			11/20/98			11/20/98			12/9/98		
Sample Interval			2'3" - 4'3"			1'6" - 3'6"			1'6" - 3'6"			3'6" - 5'6"			3'6" - 5'6"			0' - 2'			2' - 4'			1'8" - 3'8"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	--			<	3.65	U	<	0.1	U	0.865	0.00000011		--			<	11.1	U	<	11.7	U	<	10.1	U
Di-n-butyl phthalate	2500	140	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Di-n-octyl phthalate	2500	20	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Dibenz(a,h)anthracene	NC	NC	--			0.693	3.65		<	0.1	U	0.152	0.351	J	--			<	11.1	U	<	11.7	U	<	10.1	U
Dibenzofuran	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Diethyl phthalate	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Dimethyl phthalate	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Fluoranthene	2500	56	--			<	3.65	U	<	0.1	U	0.955	0.351		--			<	11.1	U	<	11.7	U	<	10.1	U
Fluorene	2500	56	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Hexachlorobenzene	3.6	1	--			<	3.65	U	<	0.1	UJ	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Hexachlorobutadiene	NC	NC	--			<	3.65	U	<	0.2	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Hexachlorocyclopentadiene	NC	NC	--			<	9.18	UJ	<	0.1	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
Hexachloroethane	410	1	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Indeno(1,2,3-C,D)pyrene	NC	NC	--			<	3.65	U	<	0.1	U	0.407	0.351		--			<	11.1	U	<	11.7	U	<	10.1	U
Isophorone	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
N-Nitrosodi-n-propylamine	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
N-Nitrosodiphenylamine	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Napthalene	2500	56	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Nitrobenzene	NC	NC	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Pentachlorophenol	48	1	--			<	9.18	U	<	0.5	U	<	0.882	U	--			<	27.9	U	<	29.3	U	<	25.5	U
Phenanthrene	2500	40	--			<	3.65	U	<	0.1	U	0.147	0.351	J	--			<	11.1	U	<	11.7	U	<	10.1	U
Phenol	2500	800	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
Pyrene	2500	40	--			<	3.65	U	<	0.1	U	<	0.351	U	--			<	11.1	U	<	11.7	U	<	10.1	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0442	U	--			--			--			<	0.0447	U	--			<	0.0409	U
PCB 1221	NC	NC	--			<	0.0885	U	--			--			--			<	0.0895	U	--			<	0.0818	U
PCB 1232	NC	NC	--			<	0.0442	U	--			--			--			<	0.0447	U	--			<	0.0409	U
PCB 1242	NC	NC	--			<	0.0885	U	--			--			--			<	0.0895	U	--			<	0.0818	U
PCB 1248	NC	NC	--			<	0.0885	U	--			--			--			<	0.0895	U	--			<	0.0818	U
PCB 1254	NC	NC	--			<	0.0442	U	--			--			--			<	0.0447	U	--			<	0.0409	U
PCB 1260	NC	NC	--			<	0.0442	U	--			--			--			<	0.0447	U	--			<	0.0409	U
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			<	10.2	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB24B1-2B			SB24C1-1A			SB24C1-1A			SB24C1-1B			SB24C1-1B			SB24D1-1A			SB24D1-1B			SB25A1-1A		
Collect Date	ICC	PMC	12/1/98			12/1/98			12/1/98			12/1/98			12/1/98			11/20/98			11/20/98			12/9/98		
Sample Interval			2'3" - 4'3"			1'6" - 3'6"			1'6" - 3'6"			3'6" - 5'6"			3'6" - 5'6"			0' - 2'			2' - 4'			1'8" - 3'8"		
Units	mg/kg	mg/kg	mg/l			mg/kg			mg/l			mg/kg			mg/l			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	--			6670	NR		--			5980	NR		--			7570	NR		7780	NR		3000	NR	
Antimony	8200	0.06	--			<	11.1	U	--			<	10.6	U	--			<	11.2	U	<	11.8	U	<	10.2	U
Arsenic	10	0.5	--			3.43	NR		--			2.93	NR		--			3.71	NR		4.66	NR		0.635	NR	J
Barium	140000	10	--			22.6	NR		--			16.2	NR		--			15.3	NR		17.5	NR		7.8	NR	
Beryllium	2	0.04	--			0.291	NR	J	--			0.263	NR	J	--			0.332	NR	J	0.352	NR	J	0.165	NR	J
Cadmium	1000	0.05	<	0.5	U	<	1.11	U	<	0.5	U	<	1.06	U	<	0.5	U	<	1.12	U	<	1.18	U	<	1.02	U
Calcium	NC	NC	--			1950	NR		--			1570	NR		--			617	NR		572	NR		516	NR	
Chromium	51000	0.5	<	0.5	U	8.82	NR		<	0.5	U	9.02	NR		<	0.5	U	8.25	NR		8.71	NR		4.14	NR	
Cobalt	NC	NC	--			4.11	NR		--			4.07	NR		--			4.49	NR		4.56	NR		1.78	NR	
Copper	76000	13	--			13.2	NR		--			14.6	NR		--			12	NR		12.4	NR		5.47	NR	
Iron	NC	NC	--			10400	NR		--			9340	NR		--			11100	NR		11900	NR		5620	NR	
Lead	1000	0.15	<	0.25	U	36.1	NR		<	0.25	U	14.3	NR		<	0.25	U	10.2	NR		13.5	NR		2.23	NR	
Magnesium	NC	NC	--			2450	NR		--			3390	NR		--			2220	NR		2190	NR		1100	NR	
Manganese	NC	NC	--			155	NR		--			130	NR		--			153	NR		159	NR		88.8	NR	
Mercury	610	0.02	--			<	0.111	U	--			<	0.106	U	--			0.0544	NR	J	0.0739	NR	J	<	0.102	U
Nickel	7500	1	<	0.05	U	9.01	NR		<	0.05	U	9.83	NR		<	0.05	U	7.31	NR		8.54	NR		3.15	NR	
Potassium	NC	NC	--			849	NR		--			598	NR		--			531	NR		365	NR		264	NR	
Selenium	10000	0.5	--			<	1.11	U	--			<	1.06	U	--			<	1.12	U	<	1.18	U	<	1.02	U
Silver	10000	0.36	--			<	2.21	U	--			<	2.13	U	--			<	2.24	U	<	2.36	U	<	2.04	U
Sodium	NC	NC	--			242	NR		--			204	NR		--			65	NR		68.4	NR		119	NR	
Thallium	160	0.05	--			<	1.11	U	--			<	1.06	U	--			<	1.12	U	<	1.18	U	<	1.02	U
Vanadium	14000	0.5	<	0.05	U	11.5	NR		<	0.05	U	9.88	NR		<	0.05	U	13.2	NR		14	NR		6.96	NR	
Zinc	610000	50	--			53.8	NR		--			26.3	NR		--			29.1	NR		58.8	NR		10.3	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			--			--			--			--			<	1.34	U	<	1.41	U	<	1.23	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			<	1.12	U
Cyanide	41000	2	--			<	0.55	U	--			<	0.53	U	--			<	0.56	U	<	0.59	U	<	0.51	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			0.042	0.00011	

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB25A1-1B			SB27A1-1A			SB27A1-1C			SB27B1-1A			SB27B1-1C			SB27C1-1A			SB27C1-1C			SB27D1-1A		
Collect Date	ICC	PMC	12/9/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/17/98		
Sample Interval			3'8" - 5'8"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'4" - 2'4"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.006	U	0.001	0.000	J	<	0.005	U	<	0.005	U	<	0.006	U	0.003	0.004	J	<	0.006	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.006	U	0.001	0.000	J	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	UJ
1,2-Dichloropropane	84	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
2-Butanone	1000	80	<	0.011	U	<	0.018	UJ	<	0.010	U	<	0.010	UJ	<	0.012	UJ	<	0.009	UJ	<	0.012	U	<	0.009	UJ
2-Hexanone	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.009	U	<	0.012	U	<	0.009	U
Acetone	1000	140	0.008	0.000	J	<	0.054	U	<	0.034	U	<	0.021	U	<	0.019	U	<	0.034	U	<	0.012	U	<	0.017	U
Benzene	200	0.2	0.000	0.000	J	<	0.005	U	0.001	0.000	J	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	UJ
Bromoform	720	0.8	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
Bromomethane	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.009	U	<	0.012	U	<	0.009	U
Carbon disulfide	NC	NC	<	0.006	U	0.003	0.000	J	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	0.001	0.000	J
Carbon tetrachloride	44	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	UJ
Chlorobenzene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
Chloroethane	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.009	U	<	0.012	U	<	0.009	U
Chloroform	940	1.2	0.002	0.000	J	0.003	0.000	J	0.003	0.000	J	0.003	0.000	J	0.003	0.000	J	0.002	0.000	J	0.004	0.000	J	0.002	0.000	J
Chloromethane	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.009	U	<	0.012	U	<	0.009	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	UJ
Ethylbenzene	1000	10.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
Methyl isobutyl ketone	1000	14	<	0.011	U	0.002	0.000	J	<	0.010	U	0.005	0.000	J	0.005	0.000	J	0.003	0.000	J	0.001	0.000	J	0.001	0.000	J
Methylene chloride	760	1	<	0.006	UJ	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	0.001	0.000	J
Styrene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.006	U	0.002	0.000	J	<	0.005	U	<	0.005	U	<	0.006	U	0.004	0.000	J	<	0.006	U	0.000	0.000	J
Toluene	1000	67	0.001	0.000	J	0.000	0.000	J	0.001	0.000	J	0.000	0.000	J	0.001	0.000	J	0.001	0.000	J	<	0.006	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	UJ
Trichloroethylene	520	1	<	0.006	U	0.003	0.000	J	<	0.005	U	0.002	0.000	J	<	0.006	U	0.004	0.000	J	<	0.006	U	<	0.005	U
Vinyl acetate	NC	NC	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.009	U	<	0.012	U	<	0.009	U
Vinyl chloride	3	0.4	<	0.011	U	<	0.010	U	<	0.010	U	<	0.010	U	<	0.012	U	<	0.009	U	<	0.012	U	<	0.009	U
Xylenes, Total	1000	19.5	<	0.006	U	<	0.005	U	0.001	0.000	J	<	0.005	U	<	0.006	U	<	0.004	U	<	0.006	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB25A1-1B			SB27A1-1A			SB27A1-1C			SB27B1-1A			SB27B1-1C			SB27C1-1A			SB27C1-1C			SB27D1-1A		
Collect Date	ICC	PMC	12/9/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/17/98		
Sample Interval			3'8" - 5'8"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'4" - 2'4"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
1,2-Dichlorobenzene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
1,3-Dichlorobenzene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
1,4-Dichlorobenzene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
2,4,5-Trichlorophenol	NC	NC	--			<	25.7	U	<	26.8	U	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
2,4,6-Trichlorophenol	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
2,4-Dichlorophenol	2500	4	--			<	9.2	U	<	9.68	U	<	10.4	U	<	9.53	U	<	10.6	U	<	9.93	U	<	9.23	U
2,4-Dimethylphenol	NC	NC	--			<	9.2	U	<	9.68	U	<	10.4	U	<	9.53	U	<	10.6	U	<	9.93	U	<	9.23	U
2,4-Dinitrophenol	NC	NC	--			<	25.7	U	<	26.8	UJ	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
2,4-Dinitrotoluene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
2,6-Dinitrotoluene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
2-Chloronaphthalene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
2-Chlorophenol	2500	7.2	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
2-Methylnaphthalene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
2-Methylphenol	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
2-Nitroaniline	NC	NC	--			<	25.7	U	<	26.8	U	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
2-Nitrophenol	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
3,3'-Dichlorobenzidine	NC	NC	--			<	25.7	U	<	26.8	U	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
3-Nitroaniline	NC	NC	--			<	25.7	U	<	26.8	U	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
4,6-Dinitro-2-methylphenol	NC	NC	--			<	25.7	U	<	26.8	U	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
4-Bromophenylphenyl ether	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
4-Chloro-3-methylphenol	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
4-Chloroaniline	NC	NC	--			<	25.7	U	<	26.8	U	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
4-Chlorophenylphenyl ether	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
4-Methylphenol	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
4-Nitroaniline	NC	NC	--			<	25.7	U	<	26.8	U	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
4-Nitrophenol	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Acenaphthene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Acenaphthylene	2500	84	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Anthracene	2500	400	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Benzo(b)fluoranthene	7.8	1	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Benzo(g,h,I)fluoranthene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Benzo(a)anthracene	7.8	1	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Benzo(a)pyrene	1	1	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Benzo(k)fluoranthene	78	1	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Bis(2-chloroethyl) ether	5.2	2.4	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Bis(2-chloroisopropyl) ether	82	2.4	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Bis(2-ethylhexyl) phthalate	410	11	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Butylbenzyl phthalate	2500	200	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Carbazole	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB25A1-1B			SB27A1-1A			SB27A1-1C			SB27B1-1A			SB27B1-1C			SB27C1-1A			SB27C1-1C			SB27D1-1A		
Collect Date	ICC	PMC	12/9/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/17/98		
Sample Interval			3'8" - 5'8"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'4" - 2'4"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Di-n-butyl phthalate	2500	140	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Di-n-octyl phthalate	2500	20	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Dibenz(a,h)anthracene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Dibenzofuran	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Diethyl phthalate	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Dimethyl phthalate	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Fluoranthene	2500	56	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Fluorene	2500	56	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Hexachlorobenzene	3.6	1	--			<	10.2	U	<	10.6	UJ	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Hexachlorobutadiene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Hexachlorocyclopentadiene	NC	NC	--			<	25.7	U	<	26.8	UJ	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
Hexachloroethane	410	1	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Indeno(1,2,3-C,D)pyrene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Isophorone	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
N-Nitrosodi-n-propylamine	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
N-Nitrosodiphenylamine	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Napthalene	2500	56	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Nitrobenzene	NC	NC	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Pentachlorophenol	48	1	--			<	25.7	U	<	26.8	U	<	28.9	U	<	26.4	U	<	29.2	U	<	27.5	U	<	25.5	U
Phenanthrene	2500	40	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Phenol	2500	800	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
Pyrene	2500	40	--			<	10.2	U	<	10.6	U	<	11.5	U	<	10.5	U	<	11.6	U	<	10.9	U	<	10.2	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.043	U	--			<	0.0424	U	--			<	0.0442	U	--			<	0.0424	U
PCB 1221	NC	NC	--			<	0.086	U	--			<	0.0847	U	--			<	0.0883	U	--			<	0.0847	U
PCB 1232	NC	NC	--			<	0.043	U	--			<	0.0424	U	--			<	0.0442	U	--			<	0.0424	U
PCB 1242	NC	NC	--			<	0.086	U	--			<	0.0847	U	--			<	0.0883	U	--			<	0.0847	U
PCB 1248	NC	NC	--			<	0.086	U	--			<	0.0847	U	--			<	0.0883	U	--			<	0.0847	U
PCB 1254	NC	NC	--			<	0.043	U	--			<	0.0424	U	--			<	0.0442	U	--			<	0.0424	U
PCB 1260	NC	NC	--			<	0.043	U	--			<	0.0424	U	--			<	0.0442	U	--			<	0.0424	U
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			<	10.6	U	--			872	NR		--			<	10.6	U

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Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB25A1-1B			SB27A1-1A			SB27A1-1C			SB27B1-1A			SB27B1-1C			SB27C1-1A			SB27C1-1C			SB27D1-1A		
Collect Date	ICC	PMC	12/9/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/14/98			12/17/98		
Sample Interval			3'8" - 5'8"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"			0'4" - 2'4"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	2770	NR		6770	NR		8390	NR		6190	NR		4630	NR		6480	NR		2620	NR		5580	NR	
Antimony	8200	0.06	<	10.3	U	<	10.8	U	<	11.6	U	<	10.6	U	<	11.7	U	<	11	U	<	10.3	U	<	10.6	U
Arsenic	10	0.5	1.16	NR		3.27	NR	J	2.79	NR		2.8	NR		1.65	NR		4.06	NR		<	1.03	U	1.19	NR	
Barium	140000	10	10.9	NR		23.5	NR		22.5	NR		16.2	NR		12.8	NR		24	NR		16	NR		12.7	NR	
Beryllium	2	0.04	0.165	NR	J	0.305	NR	J	0.332	NR	J	0.259	NR	J	0.207	NR	J	0.277	NR	J	0.146	NR	J	0.229	NR	J
Cadmium	1000	0.05	<	1.03	U	<	1.08	U	<	1.16	U	<	1.06	U	<	1.17	U	<	1.1	U	<	1.03	U	<	1.06	U
Calcium	NC	NC	519	NR		968	NR		840	NR		864	NR		913	NR		716	NR		440	NR		446	NR	
Chromium	51000	0.5	4.95	NR		9.28	NR		10.3	NR		7.85	NR		8.64	NR		8.93	NR		6.14	NR		6.84	NR	
Cobalt	NC	NC	3.04	NR		4.24	NR		5.11	NR		4.31	NR		3.58	NR		3.57	NR		1.83	NR		3.57	NR	
Copper	76000	13	7.08	NR		11.3	NR		10.1	NR		9.71	NR		8.33	NR		11	NR		6.02	NR		7.27	NR	
Iron	NC	NC	6320	NR		10300	NR		13300	NR		10100	NR		8730	NR		9620	NR		5330	NR		8120	NR	
Lead	1000	0.15	2.27	NR		9.89	NR		5.55	NR		4.99	NR		3.51	NR		11	NR		0.27	NR		3.76	NR	
Magnesium	NC	NC	1060	NR		2050	NR		2410	NR		2210	NR		1890	NR		1970	NR		1040	NR		1740	NR	
Manganese	NC	NC	118	NR		150	NR	J	241	NR		209	NR		198	NR		180	NR		121	NR		136	NR	
Mercury	610	0.02	<	0.103	U	<	0.108	U	<	0.116	U	<	0.106	U	<	0.117	U	0.0473	NR	J	<	0.103	U	<	0.106	U
Nickel	7500	1	3.81	NR		7.55	NR		10.1	NR		6.77	NR		5.34	NR		6.2	NR		3.61	NR		6.28	NR	
Potassium	NC	NC	410	NR		832	NR		301	NR		603	NR		456	NR		693	NR		384	NR		388	NR	
Selenium	10000	0.5	<	1.03	U	<	1.08	U	<	1.16	U	<	1.06	U	<	1.17	U	<	1.1	U	<	1.03	U	<	1.06	U
Silver	10000	0.36	<	2.06	U	<	2.15	U	<	2.32	U	<	2.12	U	<	2.34	U	<	2.21	U	<	2.05	U	<	2.12	U
Sodium	NC	NC	59.9	NR		124	NR		98.7	NR		244	NR		63.4	NR		67.2	NR		60.5	NR		70.9	NR	
Thallium	160	0.05	<	1.03	U	<	1.08	U	<	1.16	U	<	1.06	U	<	1.17	U	<	1.1	U	<	1.03	U	<	1.06	U
Vanadium	14000	0.5	7.46	NR		14.6	NR		11.6	NR		12.6	NR		9.37	NR		14.1	NR		6.64	NR		9.82	NR	
Zinc	610000	50	10.3	NR		26.3	NR		29.4	NR		25.6	NR		20.5	NR		35.9	NR		10.6	NR		14.2	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	1.08	0.01		<	1.29	U	<	1.39	U	<	1.27	U	<	1.41	U	<	1.32	U	<	1.23	U	<	1.27	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			1.98	NR		--			4.19	NR		--			1.51	NR	
Cyanide	41000	2	--			<	0.52	U	<	0.54	U	<	0.58	U	<	0.53	U	<	0.59	U	<	0.55	U	<	0.51	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			0.114	0.00011		--			0.479	0.00011		--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27D1-1C			SB27E1-1A			SB27E1-1B			SB27E1-2A			SB27E1-2C			SB27E1-3A			SB27E1-3C			SB27E1-4A		
Collect Date	ICC	PMC	12/17/98			12/9/98			12/10/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98		
Sample Interval			4'4" - 6'4"			1'2" - 2'4"			2'4" - 4'4"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 1'5"			4'6" - 6'6"			0'6" - 1'5"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	0.001	0.005	J	0.001	0.005	J	<	1.100	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.006	U	0.001	0.000	J	<	0.004	U	<	0.005	U	0.001	0.005	J	<	0.005	U	<	1.100	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
2-Butanone	1000	80	<	0.013	U	<	0.038	UJ	<	0.044	UJ	0.010	0.005	J	<	0.010	U	<	0.010	U	<	1.200	U	<	0.010	UJ
2-Hexanone	NC	NC	<	0.013	U	0.008	0.000	J	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	1.100	U	<	0.010	U
Acetone	1000	140	<	0.013	U	0.130	0.000		<	0.150	U	0.055	0.005		0.023	0.005		0.034	0.005		<	0.890	U	0.026	0.005	
Benzene	200	0.2	<	0.006	U	0.001	0.000	J	<	0.004	U	0.002	0.005	J	0.000	0.005	J	0.001	0.005	J	<	1.100	U	0.001	0.005	J
Bromodichloromethane	NC	NC	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	1.100	U	<	0.005	UJ
Bromoform	720	0.8	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
Bromomethane	NC	NC	<	0.013	U	<	0.012	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	1.100	U	<	0.010	U
Carbon disulfide	NC	NC	0.001	0.000	J	0.001	0.000	J	0.001	0.000	J	0.001	0.005	J	0.001	0.005	J	<	0.005	U	<	1.100	U	0.001	0.005	J
Carbon tetrachloride	44	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	UJ	<	0.005	UJ	<	0.005	U	<	1.100	U	<	0.005	UJ
Chlorobenzene	1000	20	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
Chloroethane	NC	NC	<	0.013	U	<	0.012	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	1.100	U	<	0.010	U
Chloroform	940	1.2	0.003	0.000	J	0.001	0.000	J	0.002	0.000	J	0.002	0.005	J	0.002	0.005	J	0.002	0.005	J	<	1.100	U	0.001	0.005	J
Chloromethane	NC	NC	<	0.013	U	<	0.012	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	1.100	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	0.001	0.005	J	0.002	0.005	J	<	1.100	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.006	U	0.002	0.000	J	<	0.004	U	0.002	0.005	J	<	0.005	U	0.001	0.005	J	<	1.100	U	<	0.005	U
Methyl isobutyl ketone	1000	14	0.002	0.000	J	0.009	0.000	J	0.002	0.000	J	0.002	0.005	J	<	0.010	U	<	0.010	U	<	1.100	U	0.004	0.005	J
Methylene chloride	760	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
Styrene	1000	20	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.006	U	0.001	0.000	J	<	0.004	U	0.004	0.005	J	<	0.005	U	0.005	0.005		<	1.100	U	<	0.005	U
Toluene	1000	67	<	0.006	U	0.004	0.000	J	<	0.004	U	0.002	0.005	J	0.000	0.005	J	<	0.005	U	<	1.100	U	0.001	0.005	J
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.005	U	<	1.100	U	<	0.005	U
Trichloroethylene	520	1	<	0.006	U	<	0.006	U	<	0.004	U	0.001	0.005	J	0.000	0.005	J	0.002	0.005	J	<	1.100	U	<	0.005	U
Vinyl acetate	NC	NC	<	0.013	U	<	0.012	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	1.100	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.013	U	<	0.012	U	<	0.009	U	<	0.010	U	<	0.010	U	<	0.010	U	<	1.100	U	<	0.010	U
Xylenes, Total	1000	19.5	<	0.006	U	0.012	0.000		0.001	0.000	J	0.005	0.005		<	0.005	U	0.002	0.005	J	<	1.100	U	0.001	0.005	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27D1-1C			SB27E1-1A			SB27E1-1B			SB27E1-2A			SB27E1-2C			SB27E1-3A			SB27E1-3C			SB27E1-4A		
Collect Date	ICC	PMC	12/17/98			12/9/98			12/10/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98		
Sample Interval			4'4" - 6'4"			1'2" - 2'4"			2'4" - 4'4"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 1'5"			4'6" - 6'6"			0'6" - 1'5"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
1,2-Dichlorobenzene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
1,3-Dichlorobenzene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
1,4-Dichlorobenzene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
2,4,5-Trichlorophenol	NC	NC	<	26.4	U	<	27.5	U	--			<	28.4	U	<	27	U	<	27	U	--			<	29.7	U
2,4,6-Trichlorophenol	NC	NC	<	10.5	U	<	10.9	U	--			<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
2,4-Dichlorophenol	2500	4	<	9.53	U	<	9.93	U	--			<	9.76	U	<	9.76	U	<	10.8	U	--			<	10	U
2,4-Dimethylphenol	NC	NC	<	9.53	U	<	9.93	U	--			<	9.76	U	<	9.76	U	<	10.8	U	--			<	10	U
2,4-Dinitrophenol	NC	NC	<	26.4	U	<	27.5	U	--			<	28.4	U	<	27	U	<	27	U	--			<	29.7	U
2,4-Dinitrotoluene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
2,6-Dinitrotoluene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
2-Chloronaphthalene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
2-Chlorophenol	2500	7.2	<	10.5	U	<	10.9	U	--			<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
2-Methylnaphthalene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
2-Methylphenol	NC	NC	<	10.5	U	<	10.9	U	--			<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
2-Nitroaniline	NC	NC	<	26.4	U	<	27.5	U	<	28.4	U	<	28.4	U	<	27	U	<	27	U	--			<	29.7	U
2-Nitrophenol	NC	NC	<	10.5	U	<	10.9	U	--			<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
3,3'-Dichlorobenzidine	NC	NC	<	26.4	U	<	27.5	U	<	28.4	U	<	28.4	U	<	27	U	<	27	U	--			<	29.7	U
3-Nitroaniline	NC	NC	<	26.4	U	<	27.5	U	<	28.4	U	<	27	U	<	27	U	<	29.7	U	--			<	27.7	U
4,6-Dinitro-2-methylphenol	NC	NC	<	26.4	U	<	27.5	U	--			<	27	U	<	27	U	<	29.7	U	--			<	27.7	U
4-Bromophenylphenyl ether	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
4-Chloro-3-methylphenol	NC	NC	<	10.5	U	<	10.9	U	--			<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
4-Chloroaniline	NC	NC	<	26.4	U	<	27.5	U	<	28.4	U	<	27	U	<	27	U	<	29.7	U	--			<	27.7	U
4-Chlorophenylphenyl ether	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
4-Methylphenol	NC	NC	<	10.5	U	<	10.9	U	--			<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
4-Nitroaniline	NC	NC	<	26.4	U	<	27.5	U	<	28.4	U	<	27	U	<	27	U	<	29.7	U	--			<	27.7	U
4-Nitrophenol	NC	NC	<	10.5	U	<	10.9	U	--			<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Acenaphthene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Acenaphthylene	2500	84	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Anthracene	2500	400	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Benzo(b)fluoranthene	7.8	1	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Benzo(a)anthracene	7.8	1	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Benzo(a)pyrene	1	1	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Benzo(k)fluoranthene	78	1	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Butylbenzyl phthalate	2500	200	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Carbazole	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27D1-1C			SB27E1-1A			SB27E1-1B			SB27E1-2A			SB27E1-2C			SB27E1-3A			SB27E1-3C			SB27E1-4A		
Collect Date	ICC	PMC	12/17/98			12/9/98			12/10/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98		
Sample Interval			4'4" - 6'4"			1'2" - 2'4"			2'4" - 4'4"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 1'5"			4'6" - 6'6"			0'6" - 1'5"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Di-n-butyl phthalate	2500	140	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Di-n-octyl phthalate	2500	20	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Dibenz(a,h)anthracene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Dibenzofuran	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Diethyl phthalate	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Dimethyl phthalate	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Fluoranthene	2500	56	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Fluorene	2500	56	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Hexachlorobenzene	3.6	1	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Hexachlorobutadiene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Hexachlorocyclopentadiene	NC	NC	<	26.4	U	<	27.5	U	<	28.4	U	<	27	U	<	27	U	<	29.7	U	--			<	27.7	U
Hexachloroethane	410	1	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Isophorone	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
N-Nitrosodiphenylamine	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Napthalene	2500	56	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Nitrobenzene	NC	NC	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Pentachlorophenol	48	1	<	26.4	U	<	27.5	U	--	--	--	<	27	U	<	27	U	<	29.7	U	--			<	27.7	U
Phenanthrene	2500	40	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Phenol	2500	800	<	10.5	U	<	10.9	U	--	--	--	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
Pyrene	2500	40	<	10.5	U	<	10.9	U	<	11.3	U	<	10.7	U	<	10.7	U	<	11.8	U	--			<	11	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.0456	U	--			<	0.0434	U	--			<	0.0444	U	--			<	0.0442	U
PCB 1221	NC	NC	--			<	0.0912	U	--			<	0.0868	U	--			<	0.0889	U	--			<	0.0883	U
PCB 1232	NC	NC	--			<	0.0456	U	--			<	0.0434	U	--			<	0.0444	U	--			<	0.0442	U
PCB 1242	NC	NC	--			<	0.0912	U	--			<	0.0868	U	--			<	0.0889	U	--			<	0.0883	U
PCB 1248	NC	NC	--			<	0.0912	U	--			<	0.0868	U	--			<	0.0889	U	--			<	0.0883	U
PCB 1254	NC	NC	--			<	0.0456	U	--			<	0.0434	U	--			<	0.0444	U	--			<	0.0442	U
PCB 1260	NC	NC	--			0.0429	NR		--			0.0306	NR		--			0.0273	NR		--			0.0324	NR	
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			10400	NR		--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27D1-1C			SB27E1-1A			SB27E1-1B			SB27E1-2A			SB27E1-2C			SB27E1-3A			SB27E1-3C			SB27E1-4A		
Collect Date	ICC	PMC	12/17/98			12/9/98			12/10/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98		
Sample Interval			4'4" - 6'4"			1'2" - 2'4"			2'4" - 4'4"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 1'5"			4'6" - 6'6"			0'6" - 1'5"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	2580	NR		8580	NR		8700	NR		7380	NR		9340	NR		6660	NR		--			8130	NR	
Antimony	8200	0.06	<	11	U	<	11.4	U	<	10.8	U	<	10.8	U	<	11.9	U	<	11.1	U	--			<	11	U
Arsenic	10	0.5	0.781	NR	J	2.4	NR	J	54.6	NR		2.4	NR		3.38	NR		3.67	NR		--			2.93	NR	
Barium	140000	10	9.29	NR		77.3	NR		41.6	NR		74.6	NR		25.8	NR		53.3	NR		--			67.1	NR	
Beryllium	2	0.04	0.139	NR	J	0.408	NR	J	0.573	NR	J	0.307	NR	J	0.389	NR	J	0.273	NR	J	--			0.334	NR	J
Cadmium	1000	0.05	<	1.1	U	<	1.14	U	<	1.08	U	0.099	NR	J	<	1.19	U	<	1.11	U	--			0.0955	NR	J
Calcium	NC	NC	457	NR		38500	NR		13100	NR		36100	NR		1360	NR		19100	NR		--			30300	NR	
Chromium	51000	0.5	4.45	NR		17.2	NR		17.9	NR		15.9	NR		15.5	NR		22.7	NR		--			21.4	NR	
Cobalt	NC	NC	2.52	NR		4.96	NR		5.45	NR		4.84	NR		6.63	NR		7.4	NR		--			4.83	NR	
Copper	76000	13	4.96	NR		29	NR		24.4	NR		29.6	NR		18.7	NR		53.7	NR		--			31.2	NR	
Iron	NC	NC	4760	NR		12900	NR		13000	NR		11000	NR		13500	NR		18500	NR		--			13000	NR	
Lead	1000	0.15	2.14	NR		38.1	NR		65.7	NR		42.3	NR		13.6	NR		31.4	NR		--			48.9	NR	
Magnesium	NC	NC	1190	NR		4150	NR		3150	NR		5540	NR		2910	NR		3470	NR		--			4280	NR	
Manganese	NC	NC	91.4	NR		205	NR		191	NR		175	NR		170	NR		301	NR		--			248	NR	
Mercury	610	0.02	<	0.11	U	0.0587	NR	J	0.0667	NR	J	0.0942	NR	J	0.0487	NR	J	<	0.111	U	--			0.0468	NR	J
Nickel	7500	1	3.45	NR		10.5	NR		14.6	NR		9.43	NR		13.4	NR		15.5	NR		--			11.5	NR	
Potassium	NC	NC	436	NR		1520	NR		1260	NR		1460	NR		1010	NR		1330	NR		--			1660	NR	
Selenium	10000	0.5	<	1.1	U	<	1.14	U	<	1.08	U	<	1.08	U	<	1.19	U	<	1.11	U	--			<	1.1	U
Silver	10000	0.36	<	2.21	U	<	2.28	U	<	2.17	U	<	2.17	U	<	2.39	U	<	2.22	U	--			<	2.21	U
Sodium	NC	NC	55.1	NR		471	NR		352	NR		464	NR		147	NR		343	NR		--			508	NR	
Thallium	160	0.05	<	1.1	U	<	1.14	U	<	1.08	U	<	1.08	U	<	1.19	U	<	1.11	U	--			<	1.1	U
Vanadium	14000	0.5	6.08	NR		31	NR		22.1	NR		27.3	NR		22.2	NR		26.4	NR		--			31.1	NR	
Zinc	610000	50	8.47	NR		76.1	NR		62.8	NR		62.2	NR		41.1	NR		62.3	NR		--			75.5	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.32	U	<	1.37	U	<	1.3	U	--			--			--			--			--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			3.05	NR		--			--		
Cyanide	41000	2	<	0.53	U	<	0.55	U	<	0.57	U	<	0.54	U	<	0.54	U	<	0.6	U	--			<	0.56	U
Total Organic Carbon (TOC)	NC	NC	0.081	0.00011		--			--			--			--			--			--			1.07	0.00011	

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E1-4C			SB27E2-1A			SB27E2-1A			SB27E2-1B			SB27E3-1A			SB27E3-1C			SB27E4-1A			SB27E4-1C		
Collect Date	ICC	PMC	12/3/98			12/21/98			12/21/98			12/21/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			4'6" - 6'6"			0'7" - 2'7"			0'7" - 2'7"			2'7" - 4'7"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
2-Butanone	1000	80	<	0.010	U	<	0.010	UJ				<	0.010	UJ	<	0.010	UJ	<	0.011	UJ	<	0.010	UJ	<	0.013	UJ
2-Hexanone	NC	NC	<	0.010	U	<	0.010	U				<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.013	U
Acetone	1000	140	0.049	0.005		<	0.020	U				<	0.012	U	<	0.028	U	<	0.011	U	<	0.014	U	<	0.013	U
Benzene	200	0.2	0.001	0.005	J	0.001	0.005	J				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Bromodichloromethane	NC	NC	<	0.005	UJ	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Bromoform	720	0.8	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Bromomethane	NC	NC	<	0.010	U	<	0.010	U				<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.013	U
Carbon disulfide	NC	NC	0.001	0.005	J	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Carbon tetrachloride	44	1	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Chlorobenzene	1000	20	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Chloroethane	NC	NC	<	0.010	U	<	0.010	U				<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.013	U
Chloroform	940	1.2	<	0.005	U	0.003	0.005	J				0.003	0.005	J	0.004	0.005	J	0.004	0.005	J	0.003	0.005	J	0.004	0.000	J
Chloromethane	NC	NC	<	0.010	U	<	0.010	U				<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.013	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Methyl isobutyl ketone	1000	14	<	0.010	U	<	0.010	U				0.003	0.005	J	0.005	0.005	J	<	0.011	U	0.006	0.005	J	0.006	0.000	J
Methylene chloride	760	1	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Styrene	1000	20	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Tetrachloroethylene	110	1	<	0.005	U	0.001	0.005	J				<	0.005	U	<	0.005	U	<	0.005	U	0.001	0.005	J	<	0.006	U
Toluene	1000	67	<	0.005	U	<	0.005	U				<	0.005	U	0.000	0.005	J	<	0.005	U	<	0.005	U	<	0.006	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U
Trichloroethylene	520	1	<	0.005	U	0.003	0.005	J				<	0.005	U	<	0.005	U	<	0.005	U	0.002	0.005	J	<	0.006	U
Vinyl acetate	NC	NC	<	0.010	U	<	0.010	U				<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.013	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.010	U				<	0.010	U	<	0.010	U	<	0.011	U	<	0.010	U	<	0.013	U
Xylenes, Total	1000	19.5	<	0.005	U	<	0.005	U				<	0.005	U	<	0.005	U	<	0.005	U	<	0.005	U	<	0.006	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E1-4C			SB27E2-1A			SB27E2-1A			SB27E2-1B			SB27E3-1A			SB27E3-1C			SB27E4-1A			SB27E4-1C		
Collect Date	ICC	PMC	12/3/98			12/21/98			12/21/98			12/21/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			4'6" - 6'6"			0'7" - 2'7"			0'7" - 2'7"			2'7" - 4'7"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
1,2-Dichlorobenzene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
1,3-Dichlorobenzene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
1,4-Dichlorobenzene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
2,4,5-Trichlorophenol	NC	NC	<	27.7	U	<	29.1	U	--			<	1.7	U	<	1.8	U	<	26.2	U	<	25.8	U	<	25.8	U
2,4,6-Trichlorophenol	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
2,4-Dichlorophenol	2500	4	<	9.93	U	<	9.72	U	--			<	0.35	U	<	0.37	U	<	9.46	U	<	9.32	U	<	9.33	U
2,4-Dimethylphenol	NC	NC	<	9.93	U	<	9.72	U	--			<	0.35	U	<	0.37	U	<	9.46	U	<	9.32	U	<	9.33	U
2,4-Dinitrophenol	NC	NC	<	27.7	U	<	29.1	U	--			<	1.7	U	<	1.8	U	<	26.2	U	<	25.8	U	<	25.8	U
2,4-Dinitrotoluene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
2,6-Dinitrotoluene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
2-Chloronaphthalene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
2-Chlorophenol	2500	7.2	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
2-Methylnaphthalene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	0.002	0.00000011	J	<	10.4	U	<	10.2	U	<	10.3	U
2-Methylphenol	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
2-Nitroaniline	NC	NC	<	27.7	U	<	29.1	U	--			<	1.7	U	<	1.8	U	<	26.2	U	<	25.8	U	<	25.8	U
2-Nitrophenol	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
3,3'-Dichlorobenzidine	NC	NC	<	27.7	U	<	29.1	U	--			<	0.69	U	<	0.73	U	<	26.2	U	<	25.8	U	<	25.8	U
3-Nitroaniline	NC	NC	<	27.5	U	<	26.3	U	--			<	1.7	U	<	1.8	U	<	26.2	U	<	25.8	U	<	25.8	U
4,6-Dinitro-2-methylphenol	NC	NC	<	27.5	U	<	26.3	U	--			<	1.7	U	<	1.8	U	<	26.2	U	<	25.8	U	<	25.8	U
4-Bromophenylphenyl ether	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
4-Chloro-3-methylphenol	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
4-Chloroaniline	NC	NC	<	27.5	U	<	26.3	U	--			<	0.35	U	<	0.37	U	<	26.2	U	<	25.8	U	<	25.8	U
4-Chlorophenylphenyl ether	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
4-Methylphenol	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
4-Nitroaniline	NC	NC	<	27.5	U	<	26.3	U	--			<	1.7	U	<	1.8	U	<	26.2	U	<	25.8	U	<	25.8	U
4-Nitrophenol	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Acenaphthene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	0.004	0.00000011	J	<	10.4	U	<	10.2	U	<	10.3	U
Acenaphthylene	2500	84	<	10.9	U	<	10.7	U	--			0.004	0.00000011	J	0.003	0.00000011	J	<	10.4	U	<	10.2	U	<	10.3	U
Anthracene	2500	400	<	10.9	U	<	10.7	U	--			0.004	0.00000011	J	0.002	0.00000011	J	<	10.4	U	<	10.2	U	<	10.3	U
Benzo(b)fluoranthene	7.8	1	<	10.9	U	<	10.7	U	--			<	0.35	U	0.007	0.00000011	J	<	10.4	U	<	10.2	U	<	10.3	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Benzo(a)anthracene	7.8	1	<	10.9	U	<	10.7	U	--			<	0.35	U	0.007	0.00000011	J	<	10.4	U	<	10.2	U	<	10.3	U
Benzo(a)pyrene	1	1	<	10.9	U	<	10.7	U	--			<	0.35	U	0.008	0.00000011	J	<	10.4	U	<	10.2	U	<	10.3	U
Benzo(k)fluoranthene	78	1	<	10.9	U	<	10.7	U	--			<	0.35	U	0.008	0.00000011	J	<	10.4	U	<	10.2	U	<	10.3	U
Benzoic acid	NC	NC	--			--			--			<	0.35	U	<	0.37	U	--			--			--		
Benzyl alcohol	NC	NC	--			--			--			<	0.35	U	<	0.37	U	--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Butylbenzyl phthalate	2500	200	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Carbazole	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E1-4C			SB27E2-1A			SB27E2-1A			SB27E2-1B			SB27E3-1A			SB27E3-1C			SB27E4-1A			SB27E4-1C		
Collect Date	ICC	PMC	12/3/98			12/21/98			12/21/98			12/21/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			4'6" - 6'6"			0'7" - 2'7"			0'7" - 2'7"			2'7" - 4'7"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	0.006	0.37	J	<	10.4	U	<	10.2	U	<	10.3	U
Di-n-butyl phthalate	2500	140	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Di-n-octyl phthalate	2500	20	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Dibenz(a,h)anthracene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Dibenzofuran	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Diethyl phthalate	NC	NC	<	10.9	U	<	10.7	U	--			0.005	0.35	J	0.005	0.37	J	<	10.4	U	<	10.2	U	<	10.3	U
Dimethyl phthalate	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Fluoranthene	2500	56	<	10.9	U	<	10.7	U	--			0.006	0.35	J	0.009	0.37	J	<	10.4	U	<	10.2	U	<	10.3	U
Fluorene	2500	56	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Hexachlorobenzene	3.6	1	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Hexachlorobutadiene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Hexachlorocyclopentadiene	NC	NC	<	27.5	U	<	26.3	U	--			<	0.35	U	<	0.37	U	<	26.2	U	<	25.8	U	<	25.8	U
Hexachloroethane	410	1	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	0.006	0.37	J	<	10.4	U	<	10.2	U	<	10.3	U
Isophorone	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
N-Nitrosodiphenylamine	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Napthalene	2500	56	<	10.9	U	<	10.7	U	--			0.002	0.35	J	0.002	0.37	J	<	10.4	U	<	10.2	U	<	10.3	U
Nitrobenzene	NC	NC	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Pentachlorophenol	48	1	<	27.5	U	<	26.3	U	--			<	1.7	U	<	1.8	U	<	26.2	U	<	25.8	U	<	25.8	U
Phenanthrene	2500	40	<	10.9	U	<	10.7	U	--			0.005	0.35	J	0.006	0.37	J	<	10.4	U	<	10.2	U	<	10.3	U
Phenol	2500	800	<	10.9	U	<	10.7	U	--			<	0.35	U	<	0.37	U	<	10.4	U	<	10.2	U	<	10.3	U
Pyrene	2500	40	<	10.9	U	<	10.7	U	--			0.01	0.35	J	0.01	0.37	J	<	10.4	U	<	10.2	U	<	10.3	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	--			<	0.042	U	<	0.02	U	--			<	0.0421	U	--			<	0.0415	U	--		
PCB 1221	NC	NC	--			<	0.084	U	<	0.02	U	--			<	0.0841	U	--			<	0.0829	U	--		
PCB 1232	NC	NC	--			<	0.042	U	<	0.01	U	--			<	0.0421	U	--			<	0.0415	U	--		
PCB 1242	NC	NC	--			<	0.084	U	<	0.01	U	--			<	0.0841	U	--			<	0.0829	U	--		
PCB 1248	NC	NC	--			<	0.084	U	<	0.01	U	--			<	0.0841	U	--			<	0.0829	U	--		
PCB 1254	NC	NC	--			<	0.042	U	<	0.01	U	--			<	0.0421	U	--			<	0.0415	U	--		
PCB 1260	NC	NC	--			0.0885	NR		<	0.01	U	--			<	0.0421	U	--			<	0.0415	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			51.4	NR		--			--			--			--			205	NR		--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E1-4C			SB27E2-1A			SB27E2-1A			SB27E2-1B			SB27E3-1A			SB27E3-1C			SB27E4-1A			SB27E4-1C		
Collect Date	ICC	PMC	12/3/98			12/21/98			12/21/98			12/21/98			12/14/98			12/14/98			12/14/98			12/14/98		
Sample Interval			4'6" - 6'6"			0'7" - 2'7"			0'7" - 2'7"			2'7" - 4'7"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			4'6" - 6'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/l			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	8190	NR		3890	NR		--			5390	NR		5220	NR		4210	NR		4500	NR		3090	NR	
Antimony	8200	0.06	<	11.9	U	<	10.5	U	--			<	12.5	U	<	10.5	U	<	10.4	U	<	10.4	U	<	10.6	U
Arsenic	10	0.5	4.73	NR		1.37	NR		--			2.38	NR		3.53	NR		0.676	NR	J	1.95	NR		<	1.06	U
Barium	140000	10	37.1	NR		10.7	NR		--			20.3	NR		18.7	NR		17.1	NR		16.4	NR		6.02	NR	
Beryllium	2	0.04	0.256	NR	J	0.185	NR	J	--			0.234	NR	J	0.243	NR	J	0.168	NR	J	0.21	NR	J	0.161	NR	J
Cadmium	1000	0.05	<	1.19	U	0.252	NR	J	--			0.464	NR	J	<	1.05	U	<	1.04	U	<	1.04	U	<	1.19	U
Calcium	NC	NC	17100	NR		818	NR		--			2090	NR		605	NR		629	NR		456	NR		406	NR	
Chromium	51000	0.5	14.4	NR		21.3	NR		--			44.7	NR		6.87	NR		8.04	NR		6.72	NR		9.13	NR	
Cobalt	NC	NC	6.4	NR		5.75	NR		--			8.07	NR		2.91	NR		2.57	NR		3.01	NR		2.45	NR	
Copper	76000	13	22.8	NR		12	NR		--			23	NR		10.8	NR		8.95	NR		8.27	NR		7.95	NR	
Iron	NC	NC	13500	NR		6750	NR		--			10100	NR		8550	NR		7830	NR		7560	NR		5300	NR	
Lead	1000	0.15	16.9	NR		6.92	NR		--			16.5	NR		5.13	NR		2.88	NR		4.93	NR		2.91	NR	
Magnesium	NC	NC	4220	NR		1440	NR		--			1860	NR		1800	NR		1870	NR		1510	NR		1190	NR	
Manganese	NC	NC	157	NR		100	NR		--			123	NR		149	NR		123	NR		113	NR		84.6	NR	
Mercury	610	0.02	0.0517	NR	J	0.0377	NR	J	--			0.0732	NR	J	<	0.105	U	<	0.104	U	<	0.104	U	<	0.106	U
Nickel	7500	1	11.4	NR		81.9	NR		--			138	NR		6.7	NR		5.73	NR		5.55	NR		6.21	NR	
Potassium	NC	NC	1190	NR		677	NR		--			772	NR		730	NR		842	NR		614	NR		323	NR	
Selenium	10000	0.5	<	1.19	U	<	1.05	U	--			<	1.25	U	<	1.05	U	<	1.04	U	<	1.04	U	<	1.06	U
Silver	10000	0.36	<	2.39	U	<	2.1	U	--			<	2.5	U	<	2.1	U	<	2.07	U	<	2.07	U	2.04	NR	
Sodium	NC	NC	489	NR		102	NR		--			132	NR		58	NR		57.1	NR		152	NR		36.2	NR	
Thallium	160	0.05	<	1.19	U	<	1.05	U	--			<	1.25	U	<	1.05	U	<	1.04	U	<	1.04	U	<	1.06	U
Vanadium	14000	0.5	27	NR		10.6	NR		--			17.2	NR		10.1	NR		9.1	NR		9.67	NR		6.42	NR	
Zinc	610000	50	48	NR		29.2	NR		--			73.4	NR		21.2	NR		18.5	NR		16.9	NR		21.3	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			<	1.26	U	--			<	1.5	U	<	1.26	U	<	1.24	U	<	1.24	U	<	1.27	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			1.82	NR		--			--			--			--			2.67	NR		--		
Cyanide	41000	2	<	0.55	U	<	0.54	U	--			<	0.53	U	<	0.62	U	<	0.53	U	<	0.52	U	<	0.52	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			0.122	0.00011		--			--			--			0.305	0.00011	

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E6-1A			SB27E6-1B			SB27E7-1A			SB27E7-1B			SB27E8-1A			SB27E8-1C			SB27E9-1A			SB27E9-1C		
Collect Date	ICC	PMC	12/10/98			12/10/98			12/10/98			12/10/98			12/10/98			12/10/98			12/22/98			12/22/98		
Sample Interval			2' - 4'			4' - 6"			1'6" - 3'6"			3'6" - 5'7"			0'6" - 2'6"			4'6" - 6'6"			0'10" - 2'10"			4'10" - 6'10"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	0.002	0.005	J	<	0.006	U	0.002	0.004	J	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
2-Butanone	1000	80	<	0.010	UJ	<	0.012	UJ	<	0.068	UJ	<	0.011	UJ	<	0.009	UJ	<	0.011	UJ	<	0.008	UJ	<	0.010	UJ
2-Hexanone	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.011	U	<	0.009	U	<	0.011	U	<	0.008	U	<	0.010	U
Acetone	1000	140	<	0.026	U	<	0.013	U	<	0.180	U	<	0.011	U	<	0.019	U	<	0.011	U	0.026	0.005		0.023	0.000	
Benzene	200	0.2	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Bromoform	720	0.8	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.011	U	<	0.009	U	<	0.011	U	<	0.008	U	<	0.010	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.006	U	0.001	0.005	J	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Carbon tetrachloride	44	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Chlorobenzene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.011	U	<	0.009	U	<	0.011	U	<	0.008	U	<	0.010	U
Chloroform	940	1.2	0.003	0.000	J	0.004	0.005	J	<	0.005	U	0.004	0.005	J	0.002	0.005	J	0.004	0.000	J	0.002	0.005	J	0.003	0.000	J
Chloromethane	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.011	U	<	0.009	U	<	0.011	U	<	0.008	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.005	U	0.000	0.005	J	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Methyl isobutyl ketone	1000	14	0.001	0.000	J	0.003	0.005	J	0.001	0.005	J	0.003	0.005	J	<	0.009	U	0.006	0.000	J	<	0.008	U	0.002	0.000	J
Methylene chloride	760	1	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Styrene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Tetrachloroethylene	110	1	0.003	0.000	J	<	0.006	U	<	0.005	U	0.000	0.005	J	0.002	0.005	J	<	0.006	U	<	0.004	U	<	0.005	U
Toluene	1000	67	0.000	0.000	J	0.001	0.005	J	0.001	0.005	J	0.001	0.005	J	0.001	0.005	J	0.001	0.000	J	<	0.004	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.005	U	<	0.006	U	<	0.004	U	<	0.005	U
Trichloroethylene	520	1	0.000	0.000	J	<	0.006	U	<	0.005	U	0.001	0.005	J	0.002	0.005	J	<	0.006	U	0.003	0.005	J	<	0.005	U
Vinyl acetate	NC	NC	<	0.010	U	<	0.012	U	<	0.011	U	<	0.011	U	<	0.009	U	<	0.011	U	<	0.008	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.012	U	<	0.011	U	<	0.011	U	<	0.009	U	<	0.011	U	<	0.008	U	<	0.010	U
Xylenes, Total	1000	19.5	<	0.005	U	0.001	0.005	J	0.001	0.005	J	0.000	0.005	J	0.000	0.005	J	0.000	0.000	J	<	0.004	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E6-1A			SB27E6-1B			SB27E7-1A			SB27E7-1B			SB27E8-1A			SB27E8-1C			SB27E9-1A			SB27E9-1C		
Collect Date	ICC	PMC	12/10/98			12/10/98			12/10/98			12/10/98			12/10/98			12/10/98			12/22/98			12/22/98		
Sample Interval			2' - 4'			4' - 6"			1'6" - 3'6"			3'6" - 5'7"			0'6" - 2'6"			4'6" - 6'6"			0'10" - 2'10"			4'10" - 6'10"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
1,2-Dichlorobenzene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
1,3-Dichlorobenzene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
1,4-Dichlorobenzene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
2,4,5-Trichlorophenol	NC	NC	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
2,4,6-Trichlorophenol	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
2,4-Dichlorophenol	2500	4	<	9.52	U	<	10.2	U	<	10.5	U	<	10.1	U	<	10.2	U	<	9.81	U	<	10.2	U	<	9.93	U
2,4-Dimethylphenol	NC	NC	<	9.52	U	<	10.2	U	<	10.5	U	<	10.1	U	<	10.2	U	<	9.81	U	<	10.2	U	<	9.93	U
2,4-Dinitrophenol	NC	NC	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
2,4-Dinitrotoluene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
2,6-Dinitrotoluene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
2-Chloronaphthalene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
2-Chlorophenol	2500	7.2	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
2-Methylnaphthalene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
2-Methylphenol	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
2-Nitroaniline	NC	NC	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
2-Nitrophenol	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
3,3'-Dichlorobenzidine	NC	NC	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
3-Nitroaniline	NC	NC	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
4,6-Dinitro-2-methylphenol	NC	NC	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
4-Bromophenylphenyl ether	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
4-Chloro-3-methylphenol	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
4-Chloroaniline	NC	NC	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
4-Chlorophenylphenyl ether	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
4-Methylphenol	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
4-Nitroaniline	NC	NC	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
4-Nitrophenol	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Acenaphthene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Acenaphthylene	2500	84	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Anthracene	2500	400	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Benzo(b)fluoranthene	7.8	1	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Benzo(a)anthracene	7.8	1	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Benzo(a)pyrene	1	1	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Benzo(k)fluoranthene	78	1	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Butylbenzyl phthalate	2500	200	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Carbazole	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E6-1A			SB27E6-1B			SB27E7-1A			SB27E7-1B			SB27E8-1A			SB27E8-1C			SB27E9-1A			SB27E9-1C		
Collect Date	ICC	PMC	12/10/98			12/10/98			12/10/98			12/10/98			12/10/98			12/10/98			12/22/98			12/22/98		
Sample Interval			2' - 4'			4' - 6"			1'6" - 3'6"			3'6" - 5'7"			0'6" - 2'6"			4'6" - 6'6"			0'10" - 2'10"			4'10" - 6'10"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Di-n-butyl phthalate	2500	140	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Di-n-octyl phthalate	2500	20	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Dibenz(a,h)anthracene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Dibenzofuran	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Diethyl phthalate	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Dimethyl phthalate	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Fluoranthene	2500	56	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Fluorene	2500	56	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Hexachlorobenzene	3.6	1	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Hexachlorobutadiene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Hexachlorocyclopentadiene	NC	NC	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
Hexachloroethane	410	1	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Isophorone	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
N-Nitrosodiphenylamine	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Napthalene	2500	56	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Nitrobenzene	NC	NC	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Pentachlorophenol	48	1	<	26.3	U	<	28.1	U	<	28.9	U	<	27.9	U	<	28.1	U	<	27.2	U	<	28.1	U	<	27.5	U
Phenanthrene	2500	40	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Phenol	2500	800	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
Pyrene	2500	40	<	10.5	U	<	11.2	U	<	11.5	U	<	11.1	U	<	11.2	U	<	10.8	U	<	11.2	U	<	10.9	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0452	U	--			<	0.0449	U	--			<	0.0436	U	--			<	0.0442	U	--		
PCB 1221	NC	NC	<	0.0904	U	--			<	0.0898	U	--			<	0.0872	U	--			<	0.0883	U	--		
PCB 1232	NC	NC	<	0.0452	U	--			<	0.0449	U	--			<	0.0436	U	--			<	0.0442	U	--		
PCB 1242	NC	NC	<	0.0904	U	--			<	0.0898	U	--			<	0.0872	U	--			<	0.0883	U	--		
PCB 1248	NC	NC	<	0.0904	U	--			<	0.0898	U	--			<	0.0872	U	--			<	0.0883	U	--		
PCB 1254	NC	NC	<	0.0452	U	--			<	0.0449	U	--			<	0.0436	U	--			<	0.0442	U	--		
PCB 1260	NC	NC	<	0.0452	U	--			<	0.0449	U	--			<	0.0436	U	--			<	0.0442	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			165	NR		--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E6-1A			SB27E6-1B			SB27E7-1A			SB27E7-1B			SB27E8-1A			SB27E8-1C			SB27E9-1A			SB27E9-1C		
Collect Date	ICC	PMC	12/10/98			12/10/98			12/10/98			12/10/98			12/10/98			12/10/98			12/22/98			12/22/98		
Sample Interval			2' - 4'			4' - 6"			1'6" - 3'6"			3'6" - 5'7"			0'6" - 2'6"			4'6" - 6'6"			0'10" - 2'10"			4'10" - 6'10"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	6630	NR		5360	NR		6260	NR		4550	NR		7280	NR		2820	NR		3670	NR		3390	NR	
Antimony	8200	0.06	<	11.3	UUJ	5.37	0.01		<	11.2	U	<	11.3	U	<	10.9	U	<	11.3	U	<	11	U	<	11.9	U
Arsenic	10	0.5	3.48	NR	J	3.07	NR		3.21	NR		1.9	NR		3.35	NR		0.934	NR	J	1.63	NR		1.41	NR	
Barium	140000	10	27.2	NR		14.3	NR		19.2	NR		9.43	NR		41.8	NR		7.85	NR		8.81	NR		9.16	NR	
Beryllium	2	0.04	0.314	NR	J	0.257	NR	J	0.315	NR	J	0.214	NR	J	0.341	NR	J	0.148	NR	J	0.194	NR	J	0.15	NR	J
Cadmium	1000	0.05	<	1.13	U	<	1.16	U	<	1.12	U	<	1.13	U	<	1.09	U	<	1.13	U	<	1.1	U	0.242	NR	J
Calcium	NC	NC	638	NR		585	NR		507	NR		488	NR		502	NR		350	NR		474	NR		460	NR	
Chromium	51000	0.5	8.28	NR		7.09	NR		8.74	NR		6.15	NR		8.19	NR		5.64	NR		4.01	NR		4.8	NR	
Cobalt	NC	NC	4.95	NR		3.89	NR		3.78	NR		3.5	NR		4.37	NR		3.11	NR		1.69	NR		3.22	NR	
Copper	76000	13	13	NR		12.6	NR		24.8	NR		8.18	NR		7.36	NR		6.09	NR		11.9	NR		8.72	NR	
Iron	NC	NC	9500	NR		7930	NR		8100	NR		7370	NR		9130	NR		4790	NR		5170	NR		5900	NR	
Lead	1000	0.15	18.9	NR		7.76	NR		14.5	NR		10.6	NR		5.28	NR		1.84	NR		75.8	NR		2.69	NR	
Magnesium	NC	NC	1940	NR		1670	NR		1670	NR		1460	NR		1670	NR		1060	NR		914	NR		1330	NR	
Manganese	NC	NC	139	NR		71.8	NR		86	NR		174	NR		193	NR		63.6	NR		143	NR		88.6	NR	
Mercury	610	0.02	0.0568	NR	J	<	0.116	U	0.0444	NR	J	<	0.113	U	<	0.109	U	<	0.113	U	<	0.11	U	<	0.119	U
Nickel	7500	1	7.13	NR		6.19	NR		8.34	NR		5.46	NR		5.43	NR		<	5.64	U	3.36	NR		4.38	NR	
Potassium	NC	NC	484	NR		444	NR		512	NR		533	NR		510	NR		605	NR		252	NR		606	NR	
Selenium	10000	0.5	<	1.13	U	<	1.16	U	<	1.12	U	<	1.13	U	<	1.09	U	<	1.13	U	<	1.1	U	<	1.19	U
Silver	10000	0.36	<	2.26	U	<	2.32	U	<	2.24	U	<	2.26	U	<	2.18	U	<	2.26	U	<	2.21	U	<	2.39	U
Sodium	NC	NC	402	NR		398	NR		244	NR		235	NR		291	NR		99.6	NR		105	NR		126	NR	
Thallium	160	0.05	<	1.13	U	<	1.16	U	<	1.12	U	<	1.13	U	<	1.09	U	<	1.13	U	<	1.1	U	<	1.19	U
Vanadium	14000	0.5	11.3	NR		10	NR		10.7	NR		7.97	NR		11.4	NR		6.42	NR		5.99	NR		8.71	NR	
Zinc	610000	50	37	NR		26.9	NR		38.1	NR		18.2	NR		20.5	NR		10.6	NR		19.2	NR		14.1	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.36	UUJ	<	1.39	U	<	1.35	U	<	1.35	U	<	1.31	U	<	1.35	U	<	1.32	U	<	1.43	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			5.03	NR		--		
Cyanide	41000	2	<	0.53	U	<	0.56	U	<	0.58	U	<	0.56	U	<	0.56	U	<	0.55	U	<	0.56	U	<	0.55	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			0.833	0.00011	

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E10-1A			SB27E10-1C			SB27E11-1A			SB27E11-1B			SB27E11-2A			SB27E11-2C			SB27E11-3A			SB27E11-3B		
Collect Date	ICC	PMC	12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
2-Butanone	1000	80	<	0.015	U	<	1.300	U	<	0.010	UJ	<	0.010	U	<	1.000	U	<	0.010	U	<	0.012	UJ	<	0.010	U
2-Hexanone	NC	NC	<	0.011	U	<	1.200	U	<	0.010	U	<	0.010	U	<	1.000	U	<	0.010	U	<	0.012	U	<	0.010	U
Acetone	1000	140	0.038	0.005		2.100	1.200		0.013	0.000		<	0.010	UJ	2.600	0.005	E	0.014	0.005		0.014	0.005		0.010	0.005	
Benzene	200	0.2	0.001	0.005	J	0.450	1.200	J	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	UJ	<	1.200	U	<	0.005	UJ	<	0.005	U	<	1.000	U	<	0.005	UJ	<	0.006	UJ	<	0.005	U
Bromoform	720	0.8	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Bromomethane	NC	NC	<	0.011	U	<	1.200	U	<	0.010	U	<	0.010	U	<	1.000	U	<	0.010	U	<	0.012	U	<	0.010	U
Carbon disulfide	NC	NC	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Carbon tetrachloride	44	1	<	0.005	U	<	1.200	U	<	0.005	UJ	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	UJ	<	0.005	U
Chlorobenzene	1000	20	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Chloroethane	NC	NC	<	0.011	U	<	1.200	U	<	0.010	U	<	0.010	U	<	1.000	U	<	0.010	U	<	0.012	U	<	0.010	U
Chloroform	940	1.2	0.001	0.005	J	<	1.200	U	0.002	0.000	J	0.002	0.000	J	<	1.000	U	0.002	0.005	J	0.002	0.005	J	0.002	0.005	J
Chloromethane	NC	NC	<	0.011	U	<	1.200	U	<	0.010	U	<	0.010	U	<	1.000	U	<	0.010	U	<	0.012	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Methyl isobutyl ketone	1000	14	<	0.011	U	<	1.200	U	<	0.010	U	<	0.010	U	<	1.000	U	<	0.010	U	<	0.012	U	0.002	0.005	J
Methylene chloride	760	1	<	0.005	U	<	1.200	UJ	<	0.005	U	0.002	0.000	J	<	1.000	UJ	<	0.005	U	<	0.006	U	<	0.005	U
Styrene	1000	20	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Toluene	1000	67	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Trichloroethylene	520	1	<	0.005	U	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U
Vinyl acetate	NC	NC	<	0.011	U	<	1.200	U	<	0.010	U	<	0.010	U	<	1.000	U	<	0.010	U	<	0.012	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.011	U	<	1.200	U	<	0.010	U	<	0.010	U	<	1.000	U	<	0.010	U	<	0.012	U	<	0.010	U
Xylenes, Total	1000	19.5	0.001	0.005	J	<	1.200	U	<	0.005	U	<	0.005	U	<	1.000	U	<	0.005	U	<	0.006	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E10-1A			SB27E10-1C			SB27E11-1A			SB27E11-1B			SB27E11-2A			SB27E11-2C			SB27E11-3A			SB27E11-3B		
Collect Date	ICC	PMC	12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
1,2-Dichlorobenzene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
1,3-Dichlorobenzene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
1,4-Dichlorobenzene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
2,4,5-Trichlorophenol	NC	NC	<	27.5	U	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U
2,4,6-Trichlorophenol	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
2,4-Dichlorophenol	2500	4	<	10.7	U	<	9.43	U	<	17.6	U	<	9.45	U	<	10.4	U	<	10.6	U	<	10.5	U	<	9.51	U
2,4-Dimethylphenol	NC	NC	<	10.7	U	<	9.43	U	<	17.6	U	<	9.45	U	<	10.4	U	<	10.6	U	<	10.5	U	<	9.51	U
2,4-Dinitrophenol	NC	NC	<	27.5	U	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U
2,4-Dinitrotoluene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
2,6-Dinitrotoluene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
2-Chloronaphthalene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
2-Chlorophenol	2500	7.2	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
2-Methylnaphthalene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
2-Methylphenol	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
2-Nitroaniline	NC	NC	<	27.5	U	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U
2-Nitrophenol	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
3,3'-Dichlorobenzidine	NC	NC	<	27.5	U	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U
3-Nitroaniline	NC	NC	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U	<	29.1	U
4,6-Dinitro-2-methylphenol	NC	NC	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U	<	29.1	U
4-Bromophenylphenyl ether	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
4-Chloro-3-methylphenol	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
4-Chloroaniline	NC	NC	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U	<	29.1	U
4-Chlorophenylphenyl ether	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
4-Methylphenol	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
4-Nitroaniline	NC	NC	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U	<	29.1	U
4-Nitrophenol	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Acenaphthene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Acenaphthylene	2500	84	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Anthracene	2500	400	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Benzo(b)fluoranthene	7.8	1	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Benzo(g,h,I)fluoranthene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Benzo(a)anthracene	7.8	1	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Benzo(a)pyrene	1	1	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Benzo(k)fluoranthene	78	1	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Bis(2-chloroethyl) ether	5.2	2.4	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Bis(2-chloroisopropyl) ether	82	2.4	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Bis(2-ethylhexyl) phthalate	410	11	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Butylbenzyl phthalate	2500	200	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Carbazole	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E10-1A			SB27E10-1C			SB27E11-1A			SB27E11-1B			SB27E11-2A			SB27E11-2C			SB27E11-3A			SB27E11-3B		
Collect Date	ICC	PMC	12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Di-n-butyl phthalate	2500	140	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Di-n-octyl phthalate	2500	20	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Dibenz(a,h)anthracene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Dibenzofuran	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Diethyl phthalate	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Dimethyl phthalate	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Fluoranthene	2500	56	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Fluorene	2500	56	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Hexachlorobenzene	3.6	1	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Hexachlorobutadiene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Hexachlorocyclopentadiene	NC	NC	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U	<	29.1	U
Hexachloroethane	410	1	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Isophorone	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
N-Nitrosodi-n-propylamine	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
N-Nitrosodiphenylamine	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Napthalene	2500	56	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Nitrobenzene	NC	NC	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Pentachlorophenol	48	1	<	29.7	U	<	26.1	U	<	48.6	U	<	26.2	U	<	28.8	U	<	28.8	U	<	29.2	U	<	29.1	U
Phenanthrene	2500	40	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Phenol	2500	800	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
Pyrene	2500	40	<	11.8	U	<	10.4	U	<	19.3	U	<	10.4	U	<	11.5	U	<	11.6	U	<	11.6	U	<	10.5	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0419	U	--			<	0.042	U	--			<	0.0469	U	--			<	0.0423	U	--		
PCB 1221	NC	NC	<	0.0839	U	--			<	0.084	U	--			<	0.0938	U	--			<	0.0846	U	--		
PCB 1232	NC	NC	<	0.0419	U	--			<	0.042	U	--			<	0.0469	U	--			<	0.0423	U	--		
PCB 1242	NC	NC	<	0.0839	U	--			<	0.084	U	--			<	0.0938	U	--			<	0.0846	U	--		
PCB 1248	NC	NC	<	0.0839	U	--			<	0.084	U	--			<	0.0938	U	--			<	0.0846	U	--		
PCB 1254	NC	NC	<	0.0419	U	--			<	0.042	U	--			<	0.0469	U	--			<	0.0423	U	--		
PCB 1260	NC	NC	0.0383	NR		--			<	0.042	U	--			<	0.0469	U	--			<	0.0423	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			286	NR		--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB27E10-1A			SB27E10-1C			SB27E11-1A			SB27E11-1B			SB27E11-2A			SB27E11-2C			SB27E11-3A			SB27E11-3B		
Collect Date	ICC	PMC	12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98			12/3/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"			0'6" - 2'6"			4'6" - 6'6"			0'6" - 2'6"			2'6" - 4'6"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	--			6010	NR		5730	NR		5830	NR		4930	NR		3280	NR		3660	NR		4110	NR	
Antimony	8200	0.06	--			<	19.5	U	<	10.5	U	<	11.6	U	<	11.7	U	<	11.7	U	<	10.6	U	<	10.8	U
Arsenic	10	0.5	3.07	NR		2.83	NR		2.78	NR		2.19	NR		1.61	NR		0.702	NR	J	3.15	NR		1.17	NR	
Barium	140000	10	--			21.2	NR		16.8	NR		18.2	NR		13.8	NR		10.2	NR		10.6	NR		24.4	NR	
Beryllium	2	0.04	--			0.252	NR	J	0.237	NR	J	0.248	NR	J	0.218	NR	J	0.167	NR	J	0.194	NR	J	0.189	NR	J
Cadmium	1000	0.05	--			<	1.95	U	<	1.05	U	0.508	NR	J	<	1.17	U	<	1.17	U	<	1.06	U	<	1.08	U
Calcium	NC	NC	--			1300	NR		1290	NR		1130	NR		440	NR		435	NR		615	NR		570	NR	
Chromium	51000	0.5	--			59.3	NR		9.85	NR		76.9	NR		6.42	NR		5.95	NR		5.87	NR		6.44	NR	
Cobalt	NC	NC	--			5.09	NR		5.47	NR		4.29	NR		3.35	NR		2.79	NR		3.44	NR		3.08	NR	
Copper	76000	13	--			87.1	NR		21.4	NR		80.8	NR		9.04	NR		8.25	NR		7.09	NR		7.98	NR	
Iron	NC	NC	--			11500	NR		9930	NR		8620	NR		7010	NR		5440	NR		6510	NR		6970	NR	
Lead	1000	0.15	10.3	NR		17.2	NR		13.2	NR		14.3	NR		5.75	NR		3.1	NR		9.05	NR		6.06	NR	
Magnesium	NC	NC	--			2700	NR		2050	NR		2370	NR		1540	NR		1280	NR		1300	NR		1640	NR	
Manganese	NC	NC	--			159	NR		155	NR		117	NR		109	NR		111	NR		123	NR		143	NR	
Mercury	610	0.02	<	0.105	U	0.0894	NR	J	<	0.105	U	0.0942	NR	J	<	0.117	U	<	0.117	U	<	0.106	U	<	0.108	U
Nickel	7500	1	--			9.14	NR		9.91	NR		19.1	NR		6.11	NR		5.27	NR		3.93	NR		5.74	NR	
Potassium	NC	NC	--			1230	NR		519	NR		564	NR		601	NR		661	NR		569	NR		615	NR	
Selenium	10000	0.5	<	1.05	U	<	1.95	U	<	1.05	U	<	1.16	U	<	1.17	U	<	1.17	U	<	1.06	U	<	1.08	U
Silver	10000	0.36	--			<	3.91	U	<	2.1	U	<	2.31	U	<	2.34	U	<	2.34	U	<	2.11	U	<	2.16	U
Sodium	NC	NC	--			241	NR		165	NR		109	NR		72.4	NR		70.9	NR		64	NR		65.4	NR	
Thallium	160	0.05	<	1.05	U	<	1.95	U	<	1.05	U	<	1.16	U	<	1.17	U	<	1.17	U	<	1.06	U	<	1.08	U
Vanadium	14000	0.5	--			18.6	NR		18.8	NR		15.6	NR		9.28	NR		8.11	NR		8.73	NR		10.5	NR	
Zinc	610000	50	--			55.2	NR		40.9	NR		99.7	NR		20.6	NR		12.1	NR		17.7	NR		32.3	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	--			--			--			--			--			--			--			--		
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			0.512	NR		--		
Cyanide	41000	2	<	0.6	U	<	0.52	U	<	0.98	U	<	0.53	U	<	0.58	U	<	0.59	U	<	0.58	U	<	0.53	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			<	0.11	U

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB28A1-1A			SB28A1-1C			SB28A1-2A			SB28A1-2C		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/8/98			12/8/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			1' - 3'			5' - 7'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS														
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
2-Butanone	1000	80	<	0.010	UJ	<	0.009	UJ	<	0.012	U	<	0.010	U
2-Hexanone	NC	NC	<	0.010	U	<	0.009	U	<	0.012	U	<	0.010	U
Acetone	1000	140	<	0.012	U	<	0.010	U	<	0.015	U	<	0.010	U
Benzene	200	0.2	0.001	0.000	J	0.001	0.000	J	<	0.006	U	<	0.005	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.004	U	<	0.006	UJ	<	0.005	UJ
Bromoform	720	0.8	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Bromomethane	NC	NC	<	0.010	U	<	0.009	U	<	0.012	U	<	0.010	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Carbon tetrachloride	44	1	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Chlorobenzene	1000	20	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Chloroethane	NC	NC	<	0.010	U	<	0.009	U	<	0.012	U	<	0.010	U
Chloroform	940	1.2	0.002	0.000	J	0.001	0.000	J	0.002	0.005	J	<	0.005	U
Chloromethane	NC	NC	<	0.010	U	<	0.009	U	<	0.012	U	<	0.010	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	0.002	0.000	J	<	0.006	U	<	0.005	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Methyl isobutyl ketone	1000	14	<	0.010	U	0.004	0.000	J	<	0.012	U	0.002	0.005	J
Methylene chloride	760	1	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Styrene	1000	20	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Tetrachloroethylene	110	1	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Toluene	1000	67	0.001	0.000	J	0.001	0.000	J	<	0.006	U	<	0.005	U
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	<	0.006	U	<	0.005	U
Trichloroethylene	520	1	<	0.005	U	0.000	0.000	J	<	0.006	U	<	0.005	U
Vinyl acetate	NC	NC	<	0.010	U	<	0.009	U	<	0.012	U	<	0.010	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.009	U	<	0.012	U	<	0.010	U
Xylenes, Total	1000	19.5	0.000	0.000	J	0.000	0.000	J	<	0.006	U	<	0.005	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB28A1-1A			SB28A1-1C			SB28A1-2A			SB28A1-2C		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/8/98			12/8/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			1' - 3'			5' - 7'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS														
1,2,4-Trichlorobenzene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
1,2-Dichlorobenzene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
1,3-Dichlorobenzene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
1,4-Dichlorobenzene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
2,4,5-Trichlorophenol	NC	NC	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
2,4,6-Trichlorophenol	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
2,4-Dichlorophenol	2500	4	<	10.7	U	<	9.54	U	<	10.3	U	<	10	U
2,4-Dimethylphenol	NC	NC	<	10.7	U	<	9.54	U	<	10.3	U	<	10	U
2,4-Dinitrophenol	NC	NC	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
2,4-Dinitrotoluene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
2,6-Dinitrotoluene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
2-Chloronaphthalene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
2-Chlorophenol	2500	7.2	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
2-Methylnaphthalene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
2-Methylphenol	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
2-Nitroaniline	NC	NC	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
2-Nitrophenol	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
3,3'-Dichlorobenzidine	NC	NC	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
3-Nitroaniline	NC	NC	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
4,6-Dinitro-2-methylphenol	NC	NC	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
4-Bromophenylphenyl ether	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
4-Chloro-3-methylphenol	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
4-Chloroaniline	NC	NC	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
4-Chlorophenylphenyl ether	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
4-Methylphenol	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
4-Nitroaniline	NC	NC	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
4-Nitrophenol	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Acenaphthene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Acenaphthylene	2500	84	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Anthracene	2500	400	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Benzo(b)fluoranthene	7.8	1	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Benzo(g,h,I)fluoranthene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Benzo(a)anthracene	7.8	1	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Benzo(a)pyrene	1	1	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Benzo(k)fluoranthene	78	1	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Benzoic acid	NC	NC	--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Bis(2-chloroethyl) ether	5.2	2.4	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Bis(2-chloroisopropyl) ether	82	2.4	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Bis(2-ethylhexyl) phthalate	410	11	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Butylbenzyl phthalate	2500	200	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Carbazole	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB28A1-1A			SB28A1-1C			SB28A1-2A			SB28A1-2C		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/8/98			12/8/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			1' - 3'			5' - 7'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Di-n-butyl phthalate	2500	140	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Di-n-octyl phthalate	2500	20	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Dibenz(a,h)anthracene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Dibenzofuran	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Diethyl phthalate	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Dimethyl phthalate	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Fluoranthene	2500	56	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Fluorene	2500	56	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Hexachlorobenzene	3.6	1	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Hexachlorobutadiene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Hexachlorocyclopentadiene	NC	NC	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
Hexachloroethane	410	1	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Isophorone	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
N-Nitrosodi-n-propylamine	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
N-Nitrosodiphenylamine	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Napthalene	2500	56	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Nitrobenzene	NC	NC	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Pentachlorophenol	48	1	<	29.7	U	<	26.4	U	<	28.4	U	<	27.8	U
Phenanthrene	2500	40	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Phenol	2500	800	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
Pyrene	2500	40	<	11.8	U	<	10.5	U	<	11.3	U	<	11	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)														
PCB 1016	NC	NC	<	0.0424	U	--			<	0.0446	U	--		
PCB 1221	NC	NC	<	0.0848	U	--			<	0.0892	U	--		
PCB 1232	NC	NC	<	0.0424	U	--			<	0.0446	U	--		
PCB 1242	NC	NC	<	0.0848	U	--			<	0.0892	U	--		
PCB 1248	NC	NC	<	0.0848	U	--			<	0.0892	U	--		
PCB 1254	NC	NC	<	0.0424	U	--			<	0.0446	U	--		
PCB 1260	NC	NC	<	0.0424	U	--			<	0.0446	U	--		
TOTAL PETROLEUM HYDROCARBONS														
Total Petroleum Hydrocarbons (TPH)	2500	2500	35.1	NR		--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB28A1-1A			SB28A1-1C			SB28A1-2A			SB28A1-2C		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/8/98			12/8/98		
Sample Interval			0'6" - 2'6"			4'6" - 6'6"			1' - 3'			5' - 7'		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)														
Aluminum	NC	NC	6790	NR		4320	NR		4410	NR		3110	NR	
Antimony	8200	0.06	<	10.6	U	<	11.4	U	<	11.1	U	<	11.2	U
Arsenic	10	0.5	2.42	NR		1.22	NR		1.26	NR		1.15	NR	
Barium	140000	10	31.8	NR		14.7	NR		11.8	NR		11.3	NR	
Beryllium	2	0.04	0.258	NR	J	0.194	NR	J	0.229	NR	J	0.212	NR	J
Cadmium	1000	0.05	<	1.06	U	<	1.14	U	<	1.11	U	<	1.06	U
Calcium	NC	NC	3530	NR		3170	NR		682	NR		554	NR	
Chromium	51000	0.5	8.55	NR		6.9	NR		5.61	NR		4.97	NR	
Cobalt	NC	NC	5.21	NR		3.31	NR		2.25	NR		2.72	NR	
Copper	76000	13	14.5	NR		9.56	NR		8.31	NR		7.82	NR	
Iron	NC	NC	11600	NR		7330	NR		7110	NR		6320	NR	
Lead	1000	0.15	12.5	NR		7.71	NR		3.5	NR		4.48	NR	
Magnesium	NC	NC	2520	NR		1660	NR		1410	NR		1110	NR	
Manganese	NC	NC	221	NR		124	NR		109	NR		115	NR	
Mercury	610	0.02	1.5	NR		0.253	NR		<	0.111	U	<	0.112	U
Nickel	7500	1	8.56	NR		5.02	NR		6.63	NR		3.64	NR	
Potassium	NC	NC	1250	NR		657	NR		677	NR		502	NR	
Selenium	10000	0.5	<	1.06	U	<	1.14	U	<	1.11	U	<	1.12	U
Silver	10000	0.36	<	2.12	U	<	2.28	U	<	2.23	U	<	2.25	U
Sodium	NC	NC	93.3	NR		102	NR		335	NR		61.3	NR	
Thallium	160	0.05	<	1.06	U	<	1.14	U	<	1.11	U	<	1.12	U
Vanadium	14000	0.5	12.9	NR		9.63	NR		8.44	NR		7.39	NR	
Zinc	610000	50	47.8	NR		24.9	NR		15.2	NR		13.9	NR	
METALS BY GRAPHITE FURNACE														
Antimony	8200	0.06	<	1.27	U	<	1.37	U	2.44	0.01		2.39	0.01	
OTHER PARAMETERS														
Cation Excange Capacity	NC	NC	1.83	NR		--			--			--		
Cyanide	41000	2	<	0.6	U	<	0.53	U	<	0.57	U	<	0.56	U
Total Organic Carbon (TOC)	NC	NC	--			0.121	0.00011		--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB28A2-1A			SB28A2-1C			SB28A2-2A			SB28A2-2C			SB29A1-1A			SB29A1-1B			SB29A1-2A			SB29A1-2C		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/8/98			12/8/98			1/4/99			1/4/99			12/30/98			12/30/98		
Sample Interval			1'3" - 3'3"			5'3" - 7'3"			1' - 3'			5' - 7'			1' - 3'			3' - 5'			0'10" - 2'10"			4'10" - 6'10"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.006	U	<	0.006	U	0.001	0.005	J	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
1,1,2-Trichloroethane	100	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
1,1-Dichloroethane	1000	14	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
1,2-Dichloropropane	84	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
2-Butanone	1000	80	<	0.011	UJ	<	0.013	UJ	<	0.009	UJ	<	0.011	U	0.003	0.005	J	<	0.009	U	<	0.010	UJ	<	0.012	UJ
2-Hexanone	NC	NC	<	0.011	U	<	0.013	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.012	U
Acetone	1000	140	<	0.019	U	<	0.013	U	<	0.019	U	<	0.020	U	<	0.012	U	<	0.011	U	0.018	0.005		0.020	0.006	
Benzene	200	0.2	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Bromodichloromethane	NC	NC	<	0.006	U	<	0.006	UJ	<	0.004	U	<	0.005	UJ	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Bromoform	720	0.8	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Bromomethane	NC	NC	<	0.011	U	<	0.013	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.012	U
Carbon disulfide	NC	NC	<	0.006	U	<	0.006	U	<	0.004	U	0.006	0.005		<	0.005	U	<	0.004	U	0.002	0.005	J	<	0.006	U
Carbon tetrachloride	44	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	UJ	<	0.005	U	<	0.006	U
Chlorobenzene	1000	20	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Chloroethane	NC	NC	<	0.011	U	<	0.013	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.012	U
Chloroform	940	1.2	0.002	0.005	J	<	0.006	U	<	0.004	U	0.002	0.005	J	0.004	0.005	J	0.004	0.005	J	0.003	0.005	J	0.004	0.006	J
Chloromethane	NC	NC	<	0.011	U	<	0.013	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.012	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	0.002	0.005	J	0.013	0.005		<	0.005	U	<	0.006	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.006	U	<	0.004	UJ	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Ethylbenzene	1000	10.1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Methyl isobutyl ketone	1000	14	<	0.011	U	0.004	0.005	J	<	0.009	U	<	0.011	U	0.002	0.005	J	<	0.009	U	<	0.010	U	0.002	0.006	J
Methylene chloride	760	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Styrene	1000	20	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Tetrachloroethylene	110	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	0.001	0.005	J	<	0.005	U	<	0.006	U
Toluene	1000	67	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	UJ	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U
Trichloroethylene	520	1	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	0.005	0.005		0.046	0.005		<	0.005	U	<	0.006	U
Vinyl acetate	NC	NC	<	0.011	U	<	0.013	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.012	U
Vinyl chloride	3	0.4	<	0.011	U	<	0.013	U	<	0.009	U	<	0.011	U	<	0.009	U	<	0.009	U	<	0.010	U	<	0.012	U
Xylenes, Total	1000	19.5	<	0.006	U	<	0.006	U	<	0.004	U	<	0.005	U	<	0.005	U	<	0.004	U	<	0.005	U	<	0.006	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB28A2-1A			SB28A2-1C			SB28A2-2A			SB28A2-2C			SB29A1-1A			SB29A1-1B			SB29A1-2A			SB29A1-2C		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/8/98			12/8/98			1/4/99			1/4/99			12/30/98			12/30/98		
Sample Interval			1'3" - 3'3"			5'3" - 7'3"			1' - 3'			5' - 7'			1' - 3'			3' - 5'			0'10" - 2'10"			4'10" - 6'10"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
1,2-Dichlorobenzene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
1,3-Dichlorobenzene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
1,4-Dichlorobenzene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
2,4,5-Trichlorophenol	NC	NC	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	1.8	U	<	1.8	U	<	6.9	U
2,4,6-Trichlorophenol	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
2,4-Dichlorophenol	2500	4	<	10.1	U	<	9.57	U	<	10.4	U	<	9.58	U	<	10	U	<	0.37	U	<	0.38	U	<	1.4	U
2,4-Dimethylphenol	NC	NC	<	10.1	U	<	9.57	U	<	10.4	U	<	9.58	U	<	10	U	<	0.37	U	<	0.38	U	<	1.4	U
2,4-Dinitrophenol	NC	NC	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	1.8	U	<	1.8	U	<	6.9	U
2,4-Dinitrotoluene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
2,6-Dinitrotoluene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
2-Chloronaphthalene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
2-Chlorophenol	2500	7.2	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
2-Methylnaphthalene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	0.016	0.38	J	0.042	1.4	J
2-Methylphenol	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
2-Nitroaniline	NC	NC	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	1.8	U	<	1.8	U	<	6.9	U
2-Nitrophenol	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
3,3'-Dichlorobenzidine	NC	NC	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	0.74	U	<	0.75	U	<	2.8	U
3-Nitroaniline	NC	NC	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	1.8	U	<	1.8	U	<	6.9	U
4,6-Dinitro-2-methylphenol	NC	NC	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	1.8	U	<	1.8	U	<	6.9	U
4-Bromophenylphenyl ether	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
4-Chloro-3-methylphenol	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
4-Chloroaniline	NC	NC	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	0.37	U	<	0.38	U	<	1.4	U
4-Chlorophenylphenyl ether	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
4-Methylphenol	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
4-Nitroaniline	NC	NC	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	1.8	U	<	1.8	U	<	6.9	U
4-Nitrophenol	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	1.8	U	<	1.8	U	<	1.4	U
Acenaphthene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.04	0.37	J	0.012	0.38	J	0.57	1.4	J
Acenaphthylene	2500	84	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.004	0.37	J	0.078	0.38	J	0.011	1.4	J
Anthracene	2500	400	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.074	0.37	J	0.072	0.38	J	1.3	1.4	J
Benzo(b)fluoranthene	7.8	1	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.092	0.37	J	0.086	0.38	J	2.7	1.4	
Benzo(g,h,I)fluoranthene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.076	0.37	J	0.081	0.38	J	1.6	1.4	
Benzo(a)anthracene	7.8	1	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.15	0.37	J	0.091	0.38	J	2.8	1.4	
Benzo(a)pyrene	1	1	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.1	0.37	J	0.097	0.38	J	2.6	1.4	
Benzo(k)fluoranthene	78	1	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.15	0.37	J	0.12	0.38	J	2.4	1.4	
Benzoic acid	NC	NC	--			--			--			--			--			<	1.8	U	<	1.8	U	<	1.4	UJ
Benzyl alcohol	NC	NC	--			--			--			--			--			<	0.37	U	<	0.38	U	<	1.4	U
Bis(2-chloroethoxy) methane	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Bis(2-chloroethyl) ether	5.2	2.4	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Bis(2-chloroisopropyl) ether	82	2.4	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Bis(2-ethylhexyl) phthalate	410	11	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Butylbenzyl phthalate	2500	200	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Carbazole	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.046	0.37	J	0.028	0.38	J	0.72	1.4	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB28A2-1A			SB28A2-1C			SB28A2-2A			SB28A2-2C			SB29A1-1A			SB29A1-1B			SB29A1-2A			SB29A1-2C		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/8/98			12/8/98			1/4/99			1/4/99			12/30/98			12/30/98		
Sample Interval			1'3" - 3'3"			5'3" - 7'3"			1' - 3'			5' - 7'			1' - 3'			3' - 5'			0'10" - 2'10"			4'10" - 6'10"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.18	0.37	J	0.15	0.38	J	3.5	1.4	
Di-n-butyl phthalate	2500	140	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Di-n-octyl phthalate	2500	20	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Dibenz(a,h)anthracene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.026	0.37	J	0.028	0.38	J	0.56	1.4	J
Dibenzofuran	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.01	0.37	J	0.022	0.38	J	0.24	1.4	J
Diethyl phthalate	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Dimethyl phthalate	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Fluoranthene	2500	56	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.37	0.37		0.2	0.38	J	6.3	1.4	
Fluorene	2500	56	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.026	0.37	J	0.014	0.38	J	0.5	1.4	J
Hexachlorobenzene	3.6	1	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Hexachlorobutadiene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Hexachlorocyclopentadiene	NC	NC	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	0.37	U	<	0.38	U	<	1.4	U
Hexachloroethane	410	1	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.066	0.37	J	0.065	0.38	J	1.4	1.4	
Isophorone	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
N-Nitrosodi-n-propylamine	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
N-Nitrosodiphenylamine	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Napthalene	2500	56	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.005	0.37	J	0.01	0.38	J	0.048	1.4	J
Nitrobenzene	NC	NC	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Pentachlorophenol	48	1	<	28	U	<	26.5	U	<	28.8	U	<	26.5	U	<	27.8	U	<	1.8	U	<	1.8	U	<	6.9	U
Phenanthrene	2500	40	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.26	0.37	J	0.15	0.38	J	4.9	1.4	
Phenol	2500	800	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	<	0.37	U	<	0.38	U	<	1.4	U
Pyrene	2500	40	<	11.1	U	<	10.5	U	<	11.5	U	<	10.5	U	<	11	U	0.33	0.37	J	0.24	0.38	J	6	1.4	
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0426	U	--			<	0.0426	U	--			<	0.0446	U	--			<	0.0424	U	--		
PCB 1221	NC	NC	<	0.0851	U	--			<	0.0852	U	--			<	0.0892	U	--			<	0.0848	U	--		
PCB 1232	NC	NC	<	0.0426	U	--			<	0.0426	U	--			<	0.0446	U	--			<	0.0424	U	--		
PCB 1242	NC	NC	<	0.0851	U	--			<	0.0852	U	--			<	0.0892	U	--			<	0.0848	U	--		
PCB 1248	NC	NC	<	0.0851	U	--			<	0.0852	U	--			<	0.0892	U	--			<	0.0848	U	--		
PCB 1254	NC	NC	<	0.0426	U	--			<	0.0426	U	--			<	0.0446	U	--			<	0.0424	U	--		
PCB 1260	NC	NC	0.0396	NR		--			<	0.0426	U	--			<	0.0446	U	--			<	0.0424	U	--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB28A2-1A			SB28A2-1C			SB28A2-2A			SB28A2-2C			SB29A1-1A			SB29A1-1B			SB29A1-2A			SB29A1-2C		
Collect Date	ICC	PMC	12/8/98			12/8/98			12/8/98			12/8/98			1/4/99			1/4/99			12/30/98			12/30/98		
Sample Interval			1'3" - 3'3"			5'3" - 7'3"			1' - 3'			5' - 7'			1' - 3'			3' - 5'			0'10" - 2'10"			4'10" - 6'10"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	4690	NR		3480	NR		4970	NR		2370	NR		8010	NR		6500	NR		4830	NR		5500	NR	
Antimony	8200	0.06	<	10.6	U	<	11.6	U	<	10.6	U	<	11.2	U	<	11.1	U	<	11.2	U	<	10.6	U	<	11.8	U
Arsenic	10	0.5	2.89	NR		1.26	NR		1.99	NR		<	1.06	U	3.87	NR		4.07	NR		4.08	NR		3.58	NR	
Barium	140000	10	17.1	NR		12	NR		21.5	NR		8.53	NR		24.6	NR		49.4	NR		18.1	NR		22.3	NR	
Beryllium	2	0.04	0.191	NR	J	0.171	NR	J	0.223	NR	J	0.14	NR	J	0.338	NR	J	0.297	NR	J	0.248	NR	J	0.241	NR	J
Cadmium	1000	0.05	<	1.06	U	<	1.16	U	<	1.06	U	<	1.12	U	<	1.11	U	2.23	NR		<	1.06	U	0.433	NR	J
Calcium	NC	NC	730	NR		618	NR		760	NR		605	NR		1060	NR		1170	NR		918	NR		1180	NR	
Chromium	51000	0.5	8.3	NR		6.44	NR		10	NR		4.05	NR		9.05	NR		11.7	NR		8.9	NR		9.29	NR	
Cobalt	NC	NC	2.56	NR		2.46	NR		3.21	NR		1.52	NR		5.29	NR		5.55	NR		3.35	NR		8.23	NR	
Copper	76000	13	14.1	NR		9.6	NR		11.2	NR		5.14	NR		12.8	NR		59.5	NR		11.4	NR		12.6	NR	
Iron	NC	NC	8140	NR		6700	NR		8250	NR		3880	NR		12100	NR		10500	NR		8000	NR		8900	NR	
Lead	1000	0.15	<	1.06	U	6.11	NR		7.13	NR		2.32	NR		10.2	NR		45.2	NR		14.1	NR		9.22	NR	
Magnesium	NC	NC	1730	NR		1390	NR		1740	NR		940	NR		2330	NR		1770	NR		1720	NR		2000	NR	
Manganese	NC	NC	169	NR		84	NR		149	NR		48.1	NR		170	NR		199	NR		143	NR		178	NR	
Mercury	610	0.02	3.75	NR		0.856	NR		0.122	NR		<	0.112	U	0.0346	NR	J	0.0638	NR	J	<	0.106	U	<	0.118	U
Nickel	7500	1	6.56	NR		4.32	NR		6.65	NR		2.44	NR		8.4	NR		7.28	NR		7.01	NR		6.56	NR	
Potassium	NC	NC	614	NR		688	NR		778	NR		498	NR		438	NR		435	NR		638	NR		845	NR	
Selenium	10000	0.5	<	1.06	U	<	1.16	U	<	1.06	U	<	1.12	U	<	1.11	U	<	1.12	U	<	1.06	U	<	1.18	U
Silver	10000	0.36	<	2.13	U	<	2.31	U	<	2.13	U	<	2.23	U	<	2.23	U	<	2.24	U	<	2.12	U	<	2.35	U
Sodium	NC	NC	59.5	NR		63.1	NR		58	NR		51.3	NR		255	NR		195	NR		256	NR		121	NR	
Thallium	160	0.05	<	1.06	U	<	1.16	U	<	1.06	U	<	1.12	U	<	1.11	U	<	1.12	U	<	1.06	U	<	1.18	U
Vanadium	14000	0.5	11.2	NR		8.28	NR		11	NR		5.55	NR		11.4	NR		10.4	NR		9.33	NR		10.9	NR	
Zinc	610000	50	108	NR		32.1	NR		38.1	NR		12.4	NR		30.3	NR		63.2	NR		27.3	NR		26.5	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	0.97	0.01		3.75	0.01		2.92	0.01		<	1.34	U	<	1.34	U	<	1.35	U	<	1.27	U	<	1.41	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.56	U	<	0.56	U	<	0.58	U	<	0.53	U	<	0.56	U	<	0.56	U	<	0.56	U	<	0.53	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB29A1-3A			SB29A1-3C			SB29A1-4A			SB29A1-4B			SB31A1-1A			SB31A1-1C			SB31A1-2A			SB31A1-2C		
Collect Date	ICC	PMC	12/30/98			12/30/98			12/30/98			12/30/98			12/9/98			12/9/98			12/9/98			12/9/98		
Sample Interval			0'7" - 2'7"			4'7" - 6'7"			0'8" - 2'8"			2'8" - 4'8"			0'8" - 2'8"			4'8" - 6'8"			0'8" - 2'8"			4'8" - 6'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	0.021	0.006		0.130	0.005		<	0.006	U	<	0.006	U	0.040	0.006		3.800	1.300		0.019	0.010		<	0.960	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	0.140	1.300	J	<	0.010	U	0.500	0.000	J
1,1,2-Trichloroethane	100	1	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	0.150	1.300	J	<	0.010	U	0.780	0.000	J
1,1-Dichloroethane	1000	14	0.004	0.006	J	0.051	0.005		<	0.006	U	<	0.006	U	0.250	0.006		0.940	1.300	J	0.083	0.010		<	0.960	U
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	0.004	0.005	J	<	0.006	U	<	0.006	U	0.007	0.006		0.220	1.300	J	<	0.010	U	<	0.960	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
1,2-Dichloropropane	84	1	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
2-Butanone	1000	80	<	0.012	U	<	0.010	UJ	0.008	0.006	J	<	0.012	U	<	0.013	UJ	<	1.300	U	<	0.019	UJ	<	0.960	UJ
2-Hexanone	NC	NC	<	0.012	U	<	0.010	U	<	0.013	U	<	0.012	U	<	0.013	U	0.960	1.300	J	<	0.019	U	8.400	0.000	J
Acetone	1000	140	<	0.025	U	0.017	0.005		0.023	0.006		<	0.013	U	0.025	0.006		<	1.300	UJ	0.033	0.010		<	0.960	U
Benzene	200	0.2	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	0.001	0.006	J	0.078	1.300	J	<	0.010	U	<	0.960	U
Bromodichloromethane	NC	NC	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
Bromoform	720	0.8	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
Bromomethane	NC	NC	<	0.012	U	<	0.010	U	<	0.013	U	<	0.012	U	<	0.013	U	<	1.300	U	<	0.019	U	<	0.960	U
Carbon disulfide	NC	NC	<	0.006	U	0.002	0.005	J	<	0.006	U	<	0.006	U	0.001	0.006	J	<	1.300	U	<	0.010	U	<	0.960	U
Carbon tetrachloride	44	1	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	UJ	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
Chlorobenzene	1000	20	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
Chloroethane	NC	NC	<	0.012	U	0.006	0.005	J	<	0.013	U	<	0.012	U	0.003	0.006	J	<	1.300	U	<	0.019	U	<	0.960	U
Chloroform	940	1.2	0.002	0.006	J	0.003	0.005	J	0.003	0.006	J	0.004	0.006	J	0.002	0.006	J	<	1.300	U	0.003	0.010	J	<	0.960	U
Chloromethane	NC	NC	<	0.012	U	<	0.010	U	<	0.013	U	<	0.012	U	<	0.013	U	<	1.300	U	<	0.019	U	<	0.960	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	0.022	0.006		<	1.300	U	<	0.010	U	<	0.960	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
Ethylbenzene	1000	10.1	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	0.000	0.006	J	<	1.300	U	<	0.010	U	<	0.960	U
Methyl isobutyl ketone	1000	14	<	0.012	U	<	0.010	U	<	0.013	U	<	0.012	U	<	0.013	U	<	1.300	U	<	0.019	U	0.280	0.000	J
Methylene chloride	760	1	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	UJ	<	1.300	U	<	0.010	U	<	0.960	UJ
Styrene	1000	20	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
Tetrachloroethylene	110	1	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	0.004	0.006	J	0.550	1.300	J	0.008	0.010	J	<	0.960	U
Toluene	1000	67	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	0.002	0.006	J	0.200	1.300	J	<	0.010	U	<	0.960	U
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	0.001	0.006	J	<	1.300	U	<	0.010	U	<	0.960	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	<	0.006	U	<	1.300	U	<	0.010	U	<	0.960	U
Trichloroethylene	520	1	0.003	0.006	J	0.002	0.005	J	0.001	0.006	J	<	0.006	U	0.016	0.006		0.210	1.300	J	0.005	0.010	J	<	0.960	U
Vinyl acetate	NC	NC	<	0.012	U	<	0.010	U	<	0.013	U	<	0.013	U	<	0.013	U	<	1.300	U	<	0.019	U	<	0.960	U
Vinyl chloride	3	0.4	<	0.012	U	<	0.010	U	<	0.013	U	<	0.012	U	<	0.013	U	<	1.300	U	<	0.019	U	<	0.960	U
Xylenes, Total	1000	19.5	<	0.006	U	<	0.005	U	<	0.006	U	<	0.006	U	0.001	0.006	J	0.420	1.300	J	<	0.010	U	<	0.960	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB29A1-3A			SB29A1-3C			SB29A1-4A			SB29A1-4B			SB31A1-1A			SB31A1-1C			SB31A1-2A			SB31A1-2C		
Collect Date	ICC	PMC	12/30/98			12/30/98			12/30/98			12/30/98			12/9/98			12/9/98			12/9/98			12/9/98		
Sample Interval			0'7" - 2'7"			4'7" - 6'7"			0'8" - 2'8"			2'8" - 4'8"			0'8" - 2'8"			4'8" - 6'8"			0'8" - 2'8"			4'8" - 6'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
1,2-Dichlorobenzene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
1,3-Dichlorobenzene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
1,4-Dichlorobenzene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
2,4,5-Trichlorophenol	NC	NC	<	1.9	U	<	8	U	<	9.4	U	<	1.7	U	<	1.6	U	<	27.8	U	<	29.7	U	<	27.8	U
2,4,6-Trichlorophenol	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
2,4-Dichlorophenol	2500	4	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	10	U	<	10.7	U	<	10	U
2,4-Dimethylphenol	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	10	U	<	10.7	U	<	10	U
2,4-Dinitrophenol	NC	NC	<	1.9	U	<	8	U	<	9.4	U	<	1.7	U	<	1.6	U	<	27.8	U	<	29.7	U	<	27.8	U
2,4-Dinitrotoluene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
2,6-Dinitrotoluene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
2-Chloronaphthalene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
2-Chlorophenol	2500	7.2	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
2-Methylnaphthalene	NC	NC	<	0.38	U	0.012	1.6	J	<	1.9	U	0.09	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
2-Methylphenol	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
2-Nitroaniline	NC	NC	<	1.9	U	<	8	U	<	9.4	U	<	1.7	U	<	1.6	U	<	27.8	U	<	29.7	U	<	27.8	U
2-Nitrophenol	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
3,3'-Dichlorobenzidine	NC	NC	<	0.77	U	<	3.3	U	<	3.9	U	<	0.72	U	<	0.67	U	<	27.8	U	<	29.7	U	<	27.8	U
3-Nitroaniline	NC	NC	<	1.9	U	<	8	U	<	9.4	U	<	1.7	U	<	1.6	U	<	27.8	U	<	29.7	U	<	27.8	U
4,6-Dinitro-2-methylphenol	NC	NC	<	1.9	U	<	8	U	<	9.4	U	<	1.7	U	<	1.6	U	<	27.8	U	<	29.7	U	<	27.8	U
4-Bromophenylphenyl ether	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
4-Chloro-3-methylphenol	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	0.01	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
4-Chloroaniline	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.64	U	<	27.8	U	<	29.7	U	<	27.8	U
4-Chlorophenylphenyl ether	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
4-Methylphenol	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
4-Nitroaniline	NC	NC	<	1.9	U	<	8	U	<	9.4	U	<	1.7	U	<	1.6	U	<	27.8	U	<	29.7	U	<	27.8	U
4-Nitrophenol	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Acenaphthene	NC	NC	0.007	0.38	J	0.39	1.6	J	0.48	1.9	J	0.028	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Acenaphthylene	2500	84	<	0.38	U	0.026	1.6	J	0.01	1.9	J	0.002	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Anthracene	2500	400	0.015	0.38	J	1	1.6	J	2.2	1.9		<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Benzo(b)fluoranthene	7.8	1	0.032	0.38	J	2.2	1.6		3.7	1.9		<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Benzo(g,h,I)fluoranthene	NC	NC	0.041	0.38	J	1.5	1.6	J	1.9	1.9		<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Benzo(a)anthracene	7.8	1	0.049	0.38	J	2.7	1.6		4.9	1.9		<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Benzo(a)pyrene	1	1	0.042	0.38	J	2.3	1.6		3.6	1.9		<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Benzo(k)fluoranthene	78	1	0.046	0.38	J	2.8	1.6		3.3	1.9		<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Benzoic acid	NC	NC	<	0.38	UJ	<	1.6	UJ	<	1.9	UJ	<	0.36	UJ	<	0.34	UJ	--			--			--		
Benzyl alcohol	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Bis(2-chloroethyl) ether	5.2	2.4	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Bis(2-chloroisopropyl) ether	82	2.4	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Bis(2-ethylhexyl) phthalate	410	11	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Butylbenzyl phthalate	2500	200	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Carbazole	NC	NC	0.007	0.38	J	0.56	1.6	J	0.57	1.9	J	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB29A1-3A			SB29A1-3C			SB29A1-4A			SB29A1-4B			SB31A1-1A			SB31A1-1C			SB31A1-2A			SB31A1-2C		
Collect Date	ICC	PMC	12/30/98			12/30/98			12/30/98			12/30/98			12/9/98			12/9/98			12/9/98			12/9/98		
Sample Interval			0'7" - 2'7"			4'7" - 6'7"			0'8" - 2'8"			2'8" - 4'8"			0'8" - 2'8"			4'8" - 6'8"			0'8" - 2'8"			4'8" - 6'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	0.06	0.38	J	3.3	1.6		6	1.9		<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Di-n-butyl phthalate	2500	140	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Di-n-octyl phthalate	2500	20	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Dibenz(a,h)anthracene	NC	NC	<	0.38	U	0.58	1.6	J	0.8	1.9	J	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Dibenzofuran	NC	NC	0.002	0.38	J	0.079	1.6	J	0.12	1.9	J	0.019	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Diethyl phthalate	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Dimethyl phthalate	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Fluoranthene	2500	56	0.12	0.00000011	J	5.7	1.6		11	1.9		0.004	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Fluorene	2500	56	0.005	0.00000011	J	0.3	1.6	J	0.48	1.9	J	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Hexachlorobenzene	3.6	1	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Hexachlorobutadiene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Hexachlorocyclopentadiene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.64	U	<	27.8	U	<	29.7	U	<	27.8	U
Hexachloroethane	410	1	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Indeno(1,2,3-C,D)pyrene	NC	NC	0.033	0.38	J	1.3	1.6	J	1.7	1.9	J	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Isophorone	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
N-Nitrosodi-n-propylamine	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
N-Nitrosodiphenylamine	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Napthalene	2500	56	<	0.38	U	0.014	1.6	J	0.014	1.9	J	0.004	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Nitrobenzene	NC	NC	<	0.38	U	<	1.6	U	<	1.9	U	<	0.36	U	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Pentachlorophenol	48	1	<	1.9	U	<	8	U	<	9.4	U	<	1.7	U	<	1.6	U	<	27.8	U	<	29.7	U	<	27.8	U
Phenanthrene	2500	40	0.05	0.38	J	3.6	1.6		4.2	1.9		0.007	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Phenol	2500	800	<	0.38	U	<	1.6	U	<	1.9	U	0.004	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
Pyrene	2500	40	0.11	0.38	J	5.9	1.6		11	1.9		0.007	0.36	J	<	0.34	U	<	11	U	<	11.8	U	<	11	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0452	U	--			<	0.045	U	--			<	0.0446	U	--			<	0.0451	U	--		
PCB 1221	NC	NC	<	0.0904	U	--			<	0.089	U	--			<	0.0892	U	--			<	0.0903	U	--		
PCB 1232	NC	NC	<	0.0452	U	--			<	0.045	U	--			<	0.0446	U	--			<	0.0451	U	--		
PCB 1242	NC	NC	<	0.0904	U	--			<	0.089	U	--			<	0.0892	U	--			<	0.0903	U	--		
PCB 1248	NC	NC	<	0.0904	U	--			<	0.089	U	--			<	0.0892	U	--			<	0.0903	U	--		
PCB 1254	NC	NC	<	0.0452	U	--			<	0.045	U	--			<	0.0446	U	--			0.0924	NR		--		
PCB 1260	NC	NC	<	0.0452	U	--			<	0.045	U	--			0.103	NR		--			0.108	NR		--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	16.2	NR		--			--			--			280	NR		--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB29A1-3A			SB29A1-3C			SB29A1-4A			SB29A1-4B			SB31A1-1A			SB31A1-1C			SB31A1-2A			SB31A1-2C		
Collect Date	ICC	PMC	12/30/98			12/30/98			12/30/98			12/30/98			12/9/98			12/9/98			12/9/98			12/9/98		
Sample Interval			0'7" - 2'7"			4'7" - 6'7"			0'8" - 2'8"			2'8" - 4'8"			0'8" - 2'8"			4'8" - 6'8"			0'8" - 2'8"			4'8" - 6'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	6400	NR		5820	NR		7720	NR		4110	NR		8130	NR		6920	NR		9160	NR		3690	NR	
Antimony	8200	0.06	<	11.3	U	<	12	U	<	11	U	<	10.2	U	<	11.1	U	<	11.9	U	<	11.3	U	<	11.2	U
Arsenic	10	0.5	4.48	NR		4.26	NR		3.66	NR		1.89	NR		4.32	NR		2.83	NR		5.43	NR		2.22	NR	
Barium	140000	10	23.7	NR		30.3	NR		104	NR		25.3	NR		37.9	NR		16.2	NR		47.5	NR		10.6	NR	
Beryllium	2	0.04	0.278	NR	J	0.258	NR	J	0.325	NR	J	0.175	NR	J	0.455	NR	J	0.316	NR	J	0.494	NR	J	0.257	NR	J
Cadmium	1000	0.05	<	1.13	U	<	1.2	U	0.221	NR	J	38.9	NR		<	1.11	U	<	1.19	U	<	1.13	U	<	1.12	U
Calcium	NC	NC	1110	NR		1280	NR		25100	NR		534	NR		4290	NR		1190	NR		2710	NR		964	NR	
Chromium	51000	0.5	18.6	NR		9.18	NR		17.5	NR		7.71	NR		20.8	NR		16.4	NR		31.4	NR		6.37	NR	
Cobalt	NC	NC	3.67	NR		3.38	NR		88.6	NR		3.85	NR		6.55	NR		4.77	NR		7.65	NR		2.7	NR	
Copper	76000	13	89.6	NR		17.2	NR		23.7	NR		8.43	NR		28.9	NR		94.8	NR		40.5	NR		29	NR	
Iron	NC	NC	9710	NR		9270	NR		11900	NR		7550	NR		13700	NR		10000	NR		16400	NR		7040	NR	
Lead	1000	0.15	31.5	NR		17.7	NR		10.9	NR		2.92	NR		18.8	NR		10.6	NR		26	NR		3	NR	
Magnesium	NC	NC	2230	NR		1830	NR		3820	NR		2010	NR		3420	NR		2640	NR		3940	NR		1490	NR	
Manganese	NC	NC	142	NR		111	NR		186	NR		130	NR		225	NR		149	NR		278	NR		71.6	NR	
Mercury	610	0.02	0.0409	NR	J	0.0361	NR	J	<	0.111	U	<	0.102	U	0.184	NR		0.23	NR		0.185	NR		0.61	NR	
Nickel	7500	1	8.19	NR		6.54	NR		13.1	NR		6.7	NR		14.7	NR		10.1	NR		19.8	NR		5.4	NR	
Potassium	NC	NC	776	NR		855	NR		2080	NR		1130	NR		1410	NR		1040	NR		1890	NR		576	NR	
Selenium	10000	0.5	<	1.13	U	<	1.2	U	<	1.1	U	<	1.02	U	<	1.11	U	<	1.19	U	<	1.13	U	<	1.12	U
Silver	10000	0.36	<	2.26	U	<	2.4	U	<	2.2	U	<	2.03	U	1.79	NR		<	2.39	U	2.92	NR		<	2.23	U
Sodium	NC	NC	107	NR		72.4	NR		683	NR		235	NR		121	NR		98.5	NR		180	NR		60.8	NR	
Thallium	160	0.05	<	1.13	U	<	1.2	U	<	1.1	U	<	1.02	U	<	1.11	U	<	1.19	U	<	1.13	U	<	1.12	U
Vanadium	14000	0.5	13	NR		11.5	NR		15.7	NR		10.6	NR		20.7	NR		16.4	NR		24.9	NR		10.9	NR	
Zinc	610000	50	41.6	NR		28.5	NR		67.2	NR		17	NR		58.9	NR		70.5	NR		78.4	NR		34.6	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	<	1.36	U	<	1.44	U	<	1.33	U	<	1.22	U	2.65	0.01		3.68	0.01		2.21	0.01		2.37	0.01	
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	3.77	NR		--			--			--			6.6	NR		--			--			--		
Cyanide	41000	2	<	0.59	U	<	0.56	U	<	0.6	U	<	0.55	U	4	0.00011		<	0.56	U	<	0.6	U	<	0.56	U
Total Organic Carbon (TOC)	NC	NC	--			0.55	0.00011		--			--			--			0.339	0.00011		--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB31A1-3A			SB31A1-3C			SB31A2-1A			SB31A2-1C			SB31A2-2A			SB31A2-2B			SB31A3-1A			SB31A3-1B		
Collect Date	ICC	PMC	12/9/98			12/9/98			12/9/98			12/9/98			12/8/98			12/8/98			12/9/98			12/9/98		
Sample Interval			0'10" - 2'10"			4'10" - 6'10"			0'6" - 2'6"			4'6" - 6'6"			0'7" - 2'7"			2'7" - 4'7"			0'3" - 2'3"			2'3" - 4'3"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS																										
1,1,1-Trichloroethane	1000	40	<	0.006	U	0.008	0.005		0.055	0.005		0.012	0.005		<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
1,1,2-Trichloroethane	100	1	0.012	0.006	J	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
1,1-Dichloroethane	1000	14	<	0.006	U	<	0.005	U	<	0.005	U	0.001	0.005	J	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
1,1-Dichloroethylene	9.5	1.4	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
1,2-Dichloroethane	63	0.2	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
1,2-Dichloropropane	84	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
2-Butanone	1000	80	<	0.011	UJ	<	0.011	UJ	<	0.011	UJ	<	0.010	UJ	2.400	0.000		<	2.300	UJ	<	0.011	UJ	<	0.009	UJ
2-Hexanone	NC	NC	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	2.100	U	<	2.300	U	<	0.011	U	<	0.009	U
Acetone	1000	140	0.034	0.006		0.032	0.005		0.026	0.005		0.033	0.005		<	2.100	U	<	2.300	U	0.044	0.005		0.024	0.004	
Benzene	200	0.2	<	0.006	U	<	0.005	U	0.001	0.005	J	0.001	0.005	J	<	2.100	U	<	2.300	U	0.005	0.005		0.001	0.004	J
Bromodichloromethane	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
Bromoform	720	0.8	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
Bromomethane	NC	NC	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	2.100	U	<	2.300	U	<	0.011	U	<	0.009	U
Carbon disulfide	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	0.001	0.004	J
Carbon tetrachloride	44	1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
Chlorobenzene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
Chloroethane	NC	NC	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	2.100	U	<	2.300	U	<	0.011	U	<	0.009	U
Chloroform	940	1.2	0.002	0.006	J	0.002	0.005	J	0.002	0.005	J	0.002	0.005	J	<	2.100	U	<	2.300	U	0.002	0.005	J	0.002	0.004	J
Chloromethane	NC	NC	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	2.100	U	<	2.300	U	<	0.011	U	<	0.009	U
cis-1,2-Dichloroethylene	100	14	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	0.002	0.005	J	<	0.004	U
cis-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
Dibromochloromethane	68	0.1	<	0.006	U	<	0.005	U	<	0.005	U	0.001	0.005	J	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
Ethylbenzene	1000	10.1	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
Methyl isobutyl ketone	1000	14	0.001	0.006	J	0.007	0.005	J	0.005	0.005	J	0.002	0.005	J	<	2.100	U	<	2.300	U	<	0.011	U	0.001	0.004	J
Methylene chloride	760	1	<	0.006	U	<	0.005	UJ	<	0.005	UJ	<	0.005	UJ	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	UJ
Styrene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
Tetrachloroethylene	110	1	<	0.006	U	0.001	0.005	J	0.008	0.005		0.001	0.005	J	0.210	0.000	J	0.210	0.000	J	<	0.005	U	<	0.004	U
Toluene	1000	67	<	0.006	U	0.001	0.005	J	0.001	0.005	J	0.001	0.005	J	<	2.100	U	<	2.300	U	0.001	0.005	J	0.001	0.004	J
trans-1,2-Dichloroethylene	1000	20	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
trans-1,3-Dichloropropene	NC	NC	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	<	0.004	U
Trichloroethylene	520	1	<	0.006	U	0.001	0.005	J	0.001	0.005	J	0.001	0.005	J	<	2.100	U	<	2.300	U	0.001	0.005	J	0.001	0.004	J
Vinyl acetate	NC	NC	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	2.100	U	<	2.300	U	<	0.011	U	<	0.009	U
Vinyl chloride	3	0.4	<	0.011	U	<	0.011	U	<	0.011	U	<	0.010	U	<	2.100	U	<	2.300	U	<	0.011	U	<	0.009	U
Xylenes, Total	1000	19.5	<	0.006	U	<	0.005	U	<	0.005	U	<	0.005	U	<	2.100	U	<	2.300	U	<	0.005	U	0.000	0.004	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB31A1-3A			SB31A1-3C			SB31A2-1A			SB31A2-1C			SB31A2-2A			SB31A2-2B			SB31A3-1A			SB31A3-1B		
Collect Date	ICC	PMC	12/9/98			12/9/98			12/9/98			12/9/98			12/8/98			12/8/98			12/9/98			12/9/98		
Sample Interval			0'10" - 2'10"			4'10" - 6'10"			0'6" - 2'6"			4'6" - 6'6"			0'7" - 2'7"			2'7" - 4'7"			0'3" - 2'3"			2'3" - 4'3"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS																										
1,2,4-Trichlorobenzene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
1,2-Dichlorobenzene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
1,3-Dichlorobenzene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
1,4-Dichlorobenzene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
2,4,5-Trichlorophenol	NC	NC	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	9.9	U	<	27.2	U	<	28.9	U
2,4,6-Trichlorophenol	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
2,4-Dichlorophenol	2500	4	<	10	U	<	10	U	<	9.89	U	<	9.86	U	<	9.81	U	<	10.3	U	<	9.84	U	<	10.5	U
2,4-Dimethylphenol	NC	NC	<	10	U	<	10	U	<	9.89	U	<	9.86	U	<	9.81	U	<	10.3	U	<	9.84	U	<	10.5	U
2,4-Dinitrophenol	NC	NC	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	28.5	U	<	27.2	U	<	28.9	U
2,4-Dinitrotoluene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
2,6-Dinitrotoluene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
2-Chloronaphthalene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
2-Chlorophenol	2500	7.2	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
2-Methylnaphthalene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
2-Methylphenol	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
2-Nitroaniline	NC	NC	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	28.5	U	<	27.2	U	<	28.9	U
2-Nitrophenol	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
3,3'-Dichlorobenzidine	NC	NC	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	28.5	U	<	27.2	U	<	28.9	U
3-Nitroaniline	NC	NC	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	28.5	U	<	27.2	U	<	28.9	U
4,6-Dinitro-2-methylphenol	NC	NC	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	28.5	U	<	27.2	U	<	28.9	U
4-Bromophenylphenyl ether	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
4-Chloro-3-methylphenol	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
4-Chloroaniline	NC	NC	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	28.5	U	<	27.2	U	<	28.9	U
4-Chlorophenylphenyl ether	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
4-Methylphenol	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
4-Nitroaniline	NC	NC	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	28.5	U	<	27.2	U	<	28.9	U
4-Nitrophenol	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Acenaphthene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Acenaphthylene	2500	84	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Anthracene	2500	400	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Benzo(b)fluoranthene	7.8	1	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Benzo(g,h,I)fluoranthene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Benzo(a)anthracene	7.8	1	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Benzo(a)pyrene	1	1	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Benzo(k)fluoranthene	78	1	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Benzoic acid	NC	NC	--			--			--			--			--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--			--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Bis(2-chloroethyl) ether	5.2	2.4	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Bis(2-chloroisopropyl) ether	82	2.4	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Bis(2-ethylhexyl) phthalate	410	11	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Butylbenzyl phthalate	2500	200	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Carbazole	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB31A1-3A			SB31A1-3C			SB31A2-1A			SB31A2-1C			SB31A2-2A			SB31A2-2B			SB31A3-1A			SB31A3-1B		
Collect Date	ICC	PMC	12/9/98			12/9/98			12/9/98			12/9/98			12/8/98			12/8/98			12/9/98			12/9/98		
Sample Interval			0'10" - 2'10"			4'10" - 6'10"			0'6" - 2'6"			4'6" - 6'6"			0'7" - 2'7"			2'7" - 4'7"			0'3" - 2'3"			2'3" - 4'3"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Di-n-butyl phthalate	2500	140	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Di-n-octyl phthalate	2500	20	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Dibenz(a,h)anthracene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Dibenzofuran	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Diethyl phthalate	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Dimethyl phthalate	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Fluoranthene	2500	56	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Fluorene	2500	56	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Hexachlorobenzene	3.6	1	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Hexachlorobutadiene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Hexachlorocyclopentadiene	NC	NC	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	28.5	U	<	27.2	U	<	28.9	U
Hexachloroethane	410	1	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Isophorone	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
N-Nitrosodi-n-propylamine	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
N-Nitrosodiphenylamine	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Napthalene	2500	56	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Nitrobenzene	NC	NC	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Pentachlorophenol	48	1	<	27.7	U	<	27.7	U	<	27.4	U	<	27.3	U	<	27.2	U	<	28.5	U	<	27.2	U	<	28.9	U
Phenanthrene	2500	40	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Phenol	2500	800	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
Pyrene	2500	40	<	11	U	<	11	U	<	10.9	U	<	10.8	U	<	10.8	U	<	11.3	U	<	10.8	U	<	11.5	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)																										
PCB 1016	NC	NC	<	0.0445	U	--			<	0.044	U	--			<	0.0436	U	--			<	0.0437	U	--		
PCB 1221	NC	NC	<	0.0891	U	--			<	0.0879	U	--			<	0.0872	U	--			<	0.0874	U	--		
PCB 1232	NC	NC	<	0.0445	U	--			<	0.044	U	--			<	0.0436	U	--			<	0.0437	U	--		
PCB 1242	NC	NC	<	0.0891	U	--			<	0.0879	U	--			<	0.0872	U	--			<	0.0874	U	--		
PCB 1248	NC	NC	<	0.0891	U	--			<	0.0879	U	--			<	0.0872	U	--			<	0.0874	U	--		
PCB 1254	NC	NC	<	0.0445	U	--			<	0.044	U	--			<	0.0436	U	--			<	0.0437	U	--		
PCB 1260	NC	NC	<	0.0445	U	--			0.0513	NR		--			0.0425	NR		--			0.0536	NR		--		
TOTAL PETROLEUM HYDROCARBONS																										
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			--			--			--			--			--			--		

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB31A1-3A			SB31A1-3C			SB31A2-1A			SB31A2-1C			SB31A2-2A			SB31A2-2B			SB31A3-1A			SB31A3-1B		
Collect Date	ICC	PMC	12/9/98			12/9/98			12/9/98			12/9/98			12/8/98			12/8/98			12/9/98			12/9/98		
Sample Interval			0'10" - 2'10"			4'10" - 6'10"			0'6" - 2'6"			4'6" - 6'6"			0'7" - 2'7"			2'7" - 4'7"			0'3" - 2'3"			2'3" - 4'3"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)																										
Aluminum	NC	NC	7440	NR		4590	NR		7290	NR		3170	NR		5840	NR		5380	NR		11500	NR		12100	NR	
Antimony	8200	0.06	<	11.1	U	<	11.1	U	<	11	U	<	11	U	<	10.9	U	<	11.4	U	<	10.9	U	<	11.6	U
Arsenic	10	0.5	2.91	NR		2.26	NR		4.96	NR		2.29	NR		2.41	NR		2.3	NR		8.11	NR		6.52	NR	
Barium	140000	10	23.3	NR		15.1	NR		28.3	NR		9.93	NR		16.5	NR		12.5	NR		61.2	NR		67.1	NR	
Beryllium	2	0.04	0.339	NR	J	0.236	NR	J	0.343	NR	J	0.224	NR	J	0.284	NR	J	0.28	NR	J	0.546	NR	J	0.544	NR	J
Cadmium	1000	0.05	<	1.11	U	<	1.11	U	<	1.1	U	<	1.1	U	<	1.09	U	<	1.08	U	<	1.09	U	<	1.08	U
Calcium	NC	NC	1020	NR		4020	NR		867	NR		610	NR		736	NR		562	NR		11900	NR		8970	NR	
Chromium	51000	0.5	11.8	NR		8.85	NR		9.99	NR		7.23	NR		7.37	NR		9.1	NR		31.3	NR		25.7	NR	
Cobalt	NC	NC	4.73	NR		3.92	NR		5.4	NR		2.56	NR		3.61	NR		3.02	NR		7.57	NR		9.67	NR	
Copper	76000	13	13.7	NR		41	NR		14	NR		46	NR		10.3	NR		27.4	NR		50.8	NR		69.3	NR	
Iron	NC	NC	11500	NR		8610	NR		12600	NR		6470	NR		9040	NR		8920	NR		19600	NR		21000	NR	
Lead	1000	0.15	6.43	NR		4.26	NR		6.58	NR		4.17	NR		6.17	NR		7.81	NR		62.7	NR		35.5	NR	
Magnesium	NC	NC	2720	NR		1760	NR		2880	NR		1240	NR		1850	NR		1690	NR		4770	NR		5300	NR	
Manganese	NC	NC	176	NR		220	NR		189	NR		96.8	NR		85.5	NR		96.9	NR		268	NR		293	NR	
Mercury	610	0.02	0.381	NR		0.0315	NR	J	0.393	NR		0.0563	NR	J	0.292	NR		0.0404	NR	J	0.167	NR		0.053	NR	J
Nickel	7500	1	9.59	NR		7.07	NR		10.1	NR		4.92	NR		6.63	NR		5.86	NR		24.2	NR		17.7	NR	
Potassium	NC	NC	1000	NR		987	NR		1160	NR		555	NR		700	NR		515	NR		2440	NR		3220	NR	
Selenium	10000	0.5	<	1.11	U	<	1.11	U	<	1.1	U	<	1.1	U	<	1.09	U	<	1.14	U	<	1.09	U	<	1.16	U
Silver	10000	0.36	<	2.23	U	<	2.22	U	<	2.22	U	<	2.19	U	<	2.18	U	<	2.29	U	<	2.19	U	<	2.32	U
Sodium	NC	NC	60.7	NR		121	NR		59.9	NR		56.9	NR		58.5	NR		56.5	NR		357	NR		253	NR	
Thallium	160	0.05	<	1.11	U	<	1.11	U	<	1.1	U	<	1.1	U	<	1.09	U	<	1.14	U	<	1.09	U	<	1.16	U
Vanadium	14000	0.5	15	NR		12.5	NR		14.8	NR		8.79	NR		12.5	NR		10	NR		30.8	NR		31.3	NR	
Zinc	610000	50	29.7	NR		60.7	NR		30.6	NR		42.1	NR		36	NR		26.5	NR		75.6	NR		83.6	NR	
METALS BY GRAPHITE FURNACE																										
Antimony	8200	0.06	2.04	0.01		2.32	0.01		2.8	0.01		1.7	0.01		<	1.31	U	<	1.37	U	<	1.31	U	<	1.39	U
OTHER PARAMETERS																										
Cation Excange Capacity	NC	NC	--			--			--			--			--			--			--			--		
Cyanide	41000	2	<	0.56	U	1	0.00011		<	0.55	U	<	0.55	U	<	0.56	U	<	0.57	U	<	0.55	U	<	0.58	U
Total Organic Carbon (TOC)	NC	NC	--			--			--			--			--			--			--			--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB31A3-2A			SB31A3-2B			SB33A1-1A			SB33A1-1B		
Collect Date	ICC	PMC	12/9/98			12/9/98			12/10/98			12/10/98		
Sample Interval			0'3" - 2'3"			2'3" - 4'3"			0'8" - 2'8"			2'8" - 4'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
VOLATILE ORGANICS														
1,1,1-Trichloroethane	1000	40	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
1,1,2,2-Tetrachloroethane	220	0.1	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
1,1,2-Trichloroethane	100	1	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
1,1-Dichloroethane	1000	14	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
1,1-Dichloroethylene	9.5	1.4	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
1,2-Dichloroethane	63	0.2	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
1,2-Dichloropropane	84	1	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
2-Butanone	1000	80	<	0.010	UJ	<	0.009	UJ	0.004	0.007	J	<	0.014	U
2-Hexanone	NC	NC	<	0.010	U	<	0.009	U	<	0.013	U	<	0.014	U
Acetone	1000	140	0.026	0.005		0.013	0.004		<	0.013	U	<	0.015	U
Benzene	200	0.2	0.001	0.005	J	0.001	0.004	J	<	0.007	U	<	0.007	U
Bromodichloromethane	NC	NC	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Bromoform	720	0.8	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Bromomethane	NC	NC	<	0.010	U	<	0.009	U	<	0.013	U	<	0.014	U
Carbon disulfide	NC	NC	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Carbon tetrachloride	44	1	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Chlorobenzene	1000	20	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Chloroethane	NC	NC	<	0.010	U	<	0.009	U	<	0.013	U	<	0.014	U
Chloroform	940	1.2	0.001	0.005	J	0.001	0.004	J	0.003	0.007	J	0.005	0.007	J
Chloromethane	NC	NC	<	0.010	U	<	0.009	U	<	0.013	U	<	0.014	U
cis-1,2-Dichloroethylene	100	14	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
cis-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Dibromochloromethane	68	0.1	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Ethylbenzene	1000	10.1	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Methyl isobutyl ketone	1000	14	<	0.010	U	<	0.009	U	0.004	0.007	J	0.002	0.007	J
Methylene chloride	760	1	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Styrene	1000	20	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Tetrachloroethylene	110	1	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Toluene	1000	67	0.001	0.005	J	0.000	0.004	J	0.001	0.007	J	0.001	0.007	J
trans-1,2-Dichloroethylene	1000	20	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
trans-1,3-Dichloropropene	NC	NC	<	0.005	U	<	0.004	U	<	0.007	U	<	0.007	U
Trichloroethylene	520	1	<	0.005	U	<	0.004	U	0.001	0.007	J	0.001	0.007	J
Vinyl acetate	NC	NC	<	0.010	U	<	0.009	U	<	0.013	U	<	0.014	U
Vinyl chloride	3	0.4	<	0.010	U	<	0.009	U	<	0.013	U	<	0.014	U
Xylenes, Total	1000	19.5	<	0.005	U	<	0.004	U	0.001	0.007	J	0.001	0.007	J

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB31A3-2A			SB31A3-2B			SB33A1-1A			SB33A1-1B		
Collect Date	ICC	PMC	12/9/98			12/9/98			12/10/98			12/10/98		
Sample Interval			0'3" - 2'3"			2'3" - 4'3"			0'8" - 2'8"			2'8" - 4'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
SEMIVOLATILE ORGANICS														
1,2,4-Trichlorobenzene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
1,2-Dichlorobenzene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
1,3-Dichlorobenzene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
1,4-Dichlorobenzene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
2,4,5-Trichlorophenol	NC	NC	<	26.9	U	<	27	U	<	25.7	U	<	26.2	U
2,4,6-Trichlorophenol	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
2,4-Dichlorophenol	2500	4	<	9.71	U	<	9.75	U	<	9.3	U	<	9.45	U
2,4-Dimethylphenol	NC	NC	<	9.71	U	<	9.75	U	<	9.3	U	<	9.45	U
2,4-Dinitrophenol	NC	NC	<	9.9	U	<	27	U	<	25.7	U	<	26.2	U
2,4-Dinitrotoluene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
2,6-Dinitrotoluene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
2-Chloronaphthalene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
2-Chlorophenol	2500	7.2	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
2-Methylnaphthalene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
2-Methylphenol	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
2-Nitroaniline	NC	NC	<	26.9	U	<	27	U	<	25.7	U	<	26.2	U
2-Nitrophenol	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
3,3'-Dichlorobenzidine	NC	NC	<	26.9	U	<	27	U	<	25.7	U	<	26.2	U
3-Nitroaniline	NC	NC	<	26.9	U	<	27	U	<	25.7	U	<	26.2	U
4,6-Dinitro-2-methylphenol	NC	NC	<	26.9	U	<	27	U	<	25.7	U	<	26.2	U
4-Bromophenylphenyl ether	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
4-Chloro-3-methylphenol	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
4-Chloroaniline	NC	NC	<	26.9	U	<	27	U	<	25.7	U	<	26.2	U
4-Chlorophenylphenyl ether	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
4-Methylphenol	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
4-Nitroaniline	NC	NC	<	26.9	U	<	27	U	<	25.7	U	<	26.2	U
4-Nitrophenol	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Acenaphthene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Acenaphthylene	2500	84	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Anthracene	2500	400	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Benzo(b)fluoranthene	7.8	1	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Benzo(g,h,I)fluoranthene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Benzo(a)anthracene	7.8	1	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Benzo(a)pyrene	1	1	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Benzo(k)fluoranthene	78	1	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Benzoic acid	NC	NC	--			--			--			--		
Benzyl alcohol	NC	NC	--			--			--			--		
Bis(2-chloroethoxy) methane	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Bis(2-chloroethyl) ether	5.2	2.4	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Bis(2-chloroisopropyl) ether	82	2.4	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Bis(2-ethylhexyl) phthalate	410	11	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Butylbenzyl phthalate	2500	200	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Carbazole	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U

Table C-1
Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB31A3-2A			SB31A3-2B			SB33A1-1A			SB33A1-1B		
Collect Date	ICC	PMC	12/9/98			12/9/98			12/10/98			12/10/98		
Sample Interval			0'3" - 2'3"			2'3" - 4'3"			0'8" - 2'8"			2'8" - 4'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
Chrysene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Di-n-butyl phthalate	2500	140	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Di-n-octyl phthalate	2500	20	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Dibenz(a,h)anthracene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Dibenzofuran	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Diethyl phthalate	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Dimethyl phthalate	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Fluoranthene	2500	56	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Fluorene	2500	56	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Hexachlorobenzene	3.6	1	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Hexachlorobutadiene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Hexachlorocyclopentadiene	NC	NC	<	26.9	U	<	27	U	<	25.7	U	<	26.2	U
Hexachloroethane	410	1	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Indeno(1,2,3-C,D)pyrene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Isophorone	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
N-Nitrosodi-n-propylamine	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
N-Nitrosodiphenylamine	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Napthalene	2500	56	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Nitrobenzene	NC	NC	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Pentachlorophenol	48	1	<	26.9	U	<	27	U	<	25.7	U	<	26.2	U
Phenanthrene	2500	40	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Phenol	2500	800	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
Pyrene	2500	40	<	10.7	U	<	10.7	U	<	10.2	U	<	10.4	U
PESTICIDES/POLYCHLORINATED BIPHENYLS (PCBs)														
PCB 1016	NC	NC	<	0.0431	U	--			<	0.0413	U	--		
PCB 1221	NC	NC	<	0.0863	U	--			<	0.0826	U	--		
PCB 1232	NC	NC	<	0.0431	U	--			<	0.0413	U	--		
PCB 1242	NC	NC	<	0.0863	U	--			<	0.0826	U	--		
PCB 1248	NC	NC	<	0.0863	U	--			<	0.0826	U	--		
PCB 1254	NC	NC	<	0.0431	U	--			<	0.0413	U	--		
PCB 1260	NC	NC	<	0.0431	U	--			<	0.0413	U	--		
TOTAL PETROLEUM HYDROCARBONS														
Total Petroleum Hydrocarbons (TPH)	2500	2500	--			--			217	NR		--		

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Soil Sampling Results
Stratford Army Engine Plant
Stratford, Connecticut

Field ID	CTDEP	CTDEP	SB31A3-2A			SB31A3-2B			SB33A1-1A			SB33A1-1B		
Collect Date	ICC	PMC	12/9/98			12/9/98			12/10/98			12/10/98		
Sample Interval			0'3" - 2'3"			2'3" - 4'3"			0'8" - 2'8"			2'8" - 4'8"		
Units	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg		
			Result	RL	Qual	Result	RL	Qual	Result	RL	Qual	Result	RL	Qual
METALS (mg/kg)														
Aluminum	NC	NC	10300	NR		9610	NR		8300	NR		7800	NR	
Antimony	8200	0.06	<	10.8	U	<	10.8	U	3.75	0.01		<	10.5	U
Arsenic	10	0.5	4.55	NR		4.14	NR		5.49	NR		4.6	NR	
Barium	140000	10	43.4	NR		41.1	NR		57.7	NR		54.8	NR	
Beryllium	2	0.04	0.57	NR	J	0.517	NR	J	0.276	NR	J	0.232	NR	J
Cadmium	1000	0.05	<	1.08	U	<	1.08	U	<	1.03	U	<	1.05	U
Calcium	NC	NC	3200	NR		3870	NR		10200	NR		11900	NR	
Chromium	51000	0.5	13.9	NR		13.7	NR		16.8	NR		15.4	NR	
Cobalt	NC	NC	7.15	NR		6.56	NR		6.76	NR		44.6	NR	
Copper	76000	13	29.4	NR		24.5	NR		22.3	NR		19.5	NR	
Iron	NC	NC	16000	NR		14600	NR		13900	NR		16800	NR	
Lead	1000	0.15	63.2	NR		23.6	NR		10	NR		9.2	NR	
Magnesium	NC	NC	4020	NR		3690	NR		4050	NR		4300	NR	
Manganese	NC	NC	286	NR		266	NR		204	NR		205	NR	
Mercury	610	0.02	0.0541	NR	J	0.0548	NR	J	<	0.103	U	<	0.105	U
Nickel	7500	1	12.2	NR		11.1	NR		12.4	NR		13	NR	
Potassium	NC	NC	1960	NR		1790	NR		2250	NR		2000	NR	
Selenium	10000	0.5	<	1.08	U	<	1.08	U	<	1.03	U	<	1.05	U
Silver	10000	0.36	<	2.16	U	<	2.17	U	<	2.07	U	<	2.1	U
Sodium	NC	NC	283	NR		249	NR		342	NR		290	NR	
Thallium	160	0.05	<	1.08	U	<	1.08	U	0.593	NR	J	<	1.05	U
Vanadium	14000	0.5	28	NR		25.9	NR		25.8	NR		25.2	NR	
Zinc	610000	50	55.3	NR		48.9	NR		41.4	NR		58.9	NR	
METALS BY GRAPHITE FURNACE														
Antimony	8200	0.06	<	1.29	U	<	1.3	U	<	1.24	U	<	1.26	U
OTHER PARAMETERS														
Cation Excange Capacity	NC	NC	--			--			--			--		
Cyanide	41000	2	<	0.54	U	<	0.54	U	<	0.52	U	<	0.53	U
Total Organic Carbon (TOC)	NC	NC	--			--			0.11	0.00011		--		

Notes:
ICC - Industrial/Commercial Criteria
PMC - Pollutant Mobility Criteria
mg/kg - milligram per kilogram
mg/l - milligrams per liter
QUAL - Qualifier
E - Exceeds range of instrument calibration
J - Estimated
U - Nondetect
UJ - Estimated nondetect
RL - Reporting Limit
NA - Not Applicable
NC - No Criteria
NR - Not Recorded
-- - Not Analyzed
< - not detected