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NSB NEW LONDON
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Lower Subase Remedial Investigation

for

Naval Submarine Base New London

Groton, Connecticut

Volume IV - Appendix H

Northern Division
Naval Facilities Engineering Command

Contract Number N62472-90-D-1298

Contract Task Order 0260

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APPENDIX H

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ZONE 1

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW1(12-14)	13MW18-0911	13MW2(10-12)	13MW3(12-14)	13MW4(6-8)	13MW5(10-12)
DEPTH (feet):	12 - 14'	9 - 11'	10 - 12'	12 - 14'	6 - 8'	10 - 12'
INVESTIGATION:	PH1	PH2-1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/05/90	01/26/94	11/05/90	11/07/90	11/07/90	11/08/90
LOCATION:	13MW1	13MW18	13MW2	13MW3	13MW4	13MW5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	6 U		560 U	27 U	5 U	6 U
1,1,2,2-TETRACHLOROETHANE	6 U		560 U	27 U	5 U	6 U
1,1,2-TRICHLOROETHANE	6 U		560 U	27 U	5 U	6 U
1,1-DICHLOROETHANE	6 U		560 U	27 U	5 U	6 U
1,1-DICHLOROETHENE	6 U		560 U	27 U	5 U	6 U
1,2-DICHLOROETHANE	6 U		560 U	27 U	5 U	6 U
1,2-DICHLOROETHENE (TOTAL)	6 U		560 U	27 U	5 U	6 U
1,2-DICHLOROPROPANE	6 U		560 U	27 U	5 U	6 U
2-BUTANONE	11 U		1100 U	54 U	11 U	11 U
2-HEXANONE	11 U		1100 U	54 U	11 U	11 U
4-METHYL-2-PENTANONE	11 U		1100 U	54 U	11 U	11 U
ACETONE	11 U		1100 U	54 U	12 U	14 U
BENZENE	6 U		560 U	27 U	5 U	6 U
BROMODICHLOROMETHANE	6 U		560 U	27 U	5 U	6 U
BROMOFORM	6 U		560 U	27 U	5 U	6 U
BROMOMETHANE	11 U		1100 U	54 U	11 U	11 U
CARBON DISULFIDE	6 U		560 U	27 U	5 U	6 U
CARBON TETRACHLORIDE	6 U		560 U	27 U	5 U	6 U
CHLOROBENZENE	6 U		560 U	27 U	5 U	6 U
CHLOROETHANE	11 U		1100 U	54 U	11 U	11 U
CHLOROFORM	6 U		560 U	27 U	5 U	6 U
CHLOROMETHANE	11 U		1100 U	54 U	11 U	11 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW1(12-14)	13MW18-0911	13MW2(10-12)	13MW3(12-14)	13MW4(6-8)	13MW5(10-12)
DEPTH (feet):	12 - 14'	9 - 11'	10 - 12'	12 - 14'	6 - 8'	10 - 12'
INVESTIGATION:	PH1	PH2-1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/05/90	01/26/94	11/05/90	11/07/90	11/07/90	11/08/90
LOCATION:	13MW1	13MW18	13MW2	13MW3	13MW4	13MW5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	6 U		560 U	27 U	5 U	6 U
DIBROMOCHLOROMETHANE	6 U		560 U	27 U	5 U	6 U
ETHYLBENZENE	6 U		560 U	27 U	5 U	6 U
METHYLENE CHLORIDE	6 U		560 U	27 U	5 U	6 U
STYRENE	6 U		560 U	27 U	5 U	6 U
TETRACHLOROETHENE	6 U		560 U	27 U	5 U	6 U
TOLUENE	6 U		560 U	27 U	5 U	6 U
TRANS-1,3-DICHLOROPROPENE	6 U		560 U	27 U	5 U	6 U
TRICHLOROETHENE	6 U		560 U	27 U	5 U	6 U
VINYL ACETATE	11 U		1100 U	54 U	11 U	11 U
VINYL CHLORIDE	11 U		1100 U	54 U	11 U	11 U
XYLENES, TOTAL	6 U		560 U	27 U	5 U	6 U
METALS (mg/kg)						
ALUMINUM	5470		4480	4310	6490	6980
ANTIMONY	5.6 UJ		5.6 UJ	5.4 UJ	5.5 UJ	5.8 UJ
ARSENIC	0.59		1.3	4.3	1.9	2
BARIUM	34.3		31.5	32	37.1	40.5
BERYLLIUM	0.23 U		0.25	0.21 U	0.4	0.28
BORON	45 R		68 R	349 R	48 R	75 R
CADMIUM	1.2 J		0.8 J	0.81 J	1 J	1.1 J
CALCIUM	593 J		1070 J	647 J	1870 J	900 J
CHROMIUM	15.4		7.7	7.5	13.8	12.5

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SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW1(12-14)	13MW18-0911	13MW2(10-12)	13MW3(12-14)	13MW4(6-8)	13MW5(10-12)
DEPTH (feet):	12 - 14'	9 - 11'	10 - 12'	12 - 14'	6 - 8'	10 - 12'
INVESTIGATION:	PH1	PH2-1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/05/90	01/26/94	11/05/90	11/07/90	11/07/90	11/08/90
LOCATION:	13MW1	13MW18	13MW2	13MW3	13MW4	13MW5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
COBALT	3.5		3.4	3.1	5.5	5.5
COPPER	9.1 J		10.3 J	8.2 J	59.6	18.1 J
CYANIDE	1.2 U		1.2 U	1.2 U	1.1 U	1.4 U
IRON	8200		6420	7610	9030	10400
LEAD	4.2 J	2.6	22.8 J	3 J	383 J	17.6 J
MAGNESIUM	2590		1830	2170	3020	2890
MANGANESE	118		125	95.9	148	173
MERCURY	0.11 U		0.11 U	0.1 U	0.48 J	0.12 U
NICKEL	4.8		4.4	4.4	12	10.3
POTASSIUM	2830 J		1500 J	1870 J	1950 J	2190 J
SELENIUM	0.45 U		0.45 U	0.43 U	0.44 U	0.47 U
SILVER	1.6 U		1.6 U	1.5 U	2.2 J	1.6 U
SODIUM	140 J		74 J	117 J	365 J	114 J
THALLIUM	0.68 U		0.67 U	0.64 U	0.66 U	0.7 U
VANADIUM	12		10.6	11.1	27.1	16.9
ZINC	37.4		24.6	20.7	70.4	29.1
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	1200	51600 J	14000	11000	450	7000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW7(8-10)	13MW8(8-10)	13MW9(6-8)	13TB13-0305	13TB13-0911	13TB15-0305
DEPTH (feet):	8 - 10'	8 - 10'	6 - 8'	3 - 5'	9 - 11'	3 - 5'
INVESTIGATION:	PH1	PH1	PH1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	11/07/90	11/07/90	11/07/90	01/26/94	01/26/94	01/25/94
LOCATION:	13MW7	13MW8	13MW9	13TB13	13TB13	13TB15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	6 U	6 U	6 U			
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	6 U			
1,1,2-TRICHLOROETHANE	6 U	6 U	6 U			
1,1-DICHLOROETHANE	6 U	6 U	6 U			
1,1-DICHLOROETHENE	6 U	6 U	6 U			
1,2-DICHLOROETHANE	6 U	6 U	6 U			
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	6 U			
1,2-DICHLOROPROPANE	6 U	6 U	6 U			
2-BUTANONE	11 U	11 U	11 U			
2-HEXANONE	11 U	11 U	11 U			
4-METHYL-2-PENTANONE	11 U	11 U	11 U			
ACETONE	11 U	11 U	11 U			
BENZENE	6 U	6 U	6 U			
BROMODICHLOROMETHANE	6 U	6 U	6 U			
BROMOFORM	6 U	6 U	6 U			
BROMOMETHANE	11 U	11 U	11 U			
CARBON DISULFIDE	5 J	6 U	6 U			
CARBON TETRACHLORIDE	6 U	6 U	6 U			
CHLOROBENZENE	6 U	6 U	6 U			
CHLOROETHANE	11 U	11 U	11 U			
CHLOROFORM	6 U	6 U	6 U			
CHLOROMETHANE	11 U	11 U	11 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW7(8-10)	13MW8(8-10)	13MW9(6-8)	13TB13-0305	13TB13-0911	13TB15-0305
DEPTH (feet):	8 - 10'	8 - 10'	6 - 8'	3 - 5'	9 - 11'	3 - 5'
INVESTIGATION:	PH1	PH1	PH1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	11/07/90	11/07/90	11/07/90	01/26/94	01/26/94	01/25/94
LOCATION:	13MW7	13MW8	13MW9	13TB13	13TB13	13TB15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	6 U	6 U	6 U			
DIBROMOCHLOROMETHANE	6 U	6 U	6 U			
ETHYLBENZENE	6 U	6 U	6 U			
METHYLENE CHLORIDE	6 U	6 U	6 U			
STYRENE	6 U	6 U	6 U			
TETRACHLOROETHENE	6 U	6 U	6 U			
TOLUENE	6 U	6 U	6 U			
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	6 U			
TRICHLOROETHENE	6 U	6 U	6 U			
VINYL ACETATE	11 U	11 U	11 U			
VINYL CHLORIDE	11 U	11 U	11 U			
XYLENES, TOTAL	6 U	6 U	6 U			
METALS (mg/kg)						
ALUMINUM	3250	3490	3370			
ANTIMONY	6 UJ	6 UJ	5.9 UJ			
ARSENIC	0.75	0.53	0.47 U			
BARIUM	14.7	20.6	21.3			
BERYLLIUM	0.24 U	0.24 U	0.24 U			
BORON	48 R	338 R	53 R			
CADMIUM	0.57 J	1.4 J	0.7 J			
CALCIUM	539 J	870 J	681 J			
CHROMIUM	4.6	7.1	7.4			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW7(8-10)	13MW8(8-10)	13MW9(6-8)	13TB13-0305	13TB13-0911	13TB15-0305
DEPTH (feet):	8 - 10'	8 - 10'	6 - 8'	3 - 5'	9 - 11'	3 - 5'
INVESTIGATION:	PH1	PH1	PH1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	11/07/90	11/07/90	11/07/90	01/26/94	01/26/94	01/25/94
LOCATION:	13MW7	13MW8	13MW9	13TB13	13TB13	13TB15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
COBALT	1.8	3.3	2.9			
COPPER	7.7 J	10.7 J	14 J			
CYANIDE	1.5 U	1.4 U	1.5 U			
IRON	3770	6280	5380			
LEAD	3.8 J	15.3 J	23.3 J	26.7	3.6	112
MAGNESIUM	1310	1600	1550			
MANGANESE	56.1	85.2	139			
MERCURY	0.12 J	0.12 U	0.1 U			
NICKEL	2.4	4.8	4.3			
POTASSIUM	1170 J	1590 J	1520 J			
SELENIUM	0.48 U	0.48 U	0.47 U			
SILVER	1.7 U	1.7 U	1.7 U			
SODIUM	184 J	444 J	821 J			
THALLIUM	0.72 U	0.72 U	0.71 U			
VANADIUM	5.7	13.6	14.9			
ZINC	20.3	28.5	32.7			
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	830	4900	70 U	263 J	686 J	213 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB15-0709	13TB16-0204	13TB16-0810	13TB17-0406	13TB17-0608	FPTB25L-06
DEPTH (feet):	7 - 9'	2 - 4'	8 - 10'	4 - 6'	6 - 8'	6 - 6'
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	TFI96
SAMPLE DATE:	01/25/94	01/24/94	01/24/94	01/25/94	01/25/94	11/19/95
LOCATION:	13TB15	13TB16	13TB16	13TB17	13TB17	GS-25L
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	6.4	24.2	87	62.5	3.4	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	788 J	23.8 J	610 J	546 J	45 J	6670

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB26L-05	FPTB28L-04	FPTB29L-07	DUP04-100795	FPTB30L-07	FPTB31L-07
DEPTH (feet):	5 8 - 6.8'	4 - 4'	7 - 7'	7 - 7'	7 - 8'	7 - 8'
INVESTIGATION:	TFI96	TFI96	TFI96	TFI96	TFI96	TFI96
SAMPLE DATE:	10/07/95	11/19/95	10/07/95	10/07/95	10/07/95	10/07/95
LOCATION:	GS-26L	GS-28L	GS-29L	GS-29L	GS-30L	GS-31L
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:				FPTB29L-07		
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	147	223	8470	14900	27.3	240

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SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB32L-11	Pipe Chase	LS1SB0010101	LS1SB0010201	LS1SB0020101	LS1SB0020201
DEPTH (feet):	11 - 12'	2 - 2'	1.5 - 3.5'	5 - 6'	2 - 3.5'	7 - 7.5'
INVESTIGATION:	TFI96	SCRBLDG89	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/07/95	06/03/94	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	GS-32L	PIPECHASE	TB1-1RI	TB1-1RI	TB2-1RI	TB2-1RI
VALIDATED:	VALIDATED		VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE		11 U				
1,1,2,2-TETRACHLOROETHANE		11 U				
1,1,2-TRICHLOROETHANE		11 U				
1,1-DICHLOROETHANE		11 U				
1,1-DICHLOROETHENE		11 U				
1,2-DICHLOROETHANE		11 U				
1,2-DICHLOROETHENE (TOTAL)		11 U				
1,2-DICHLOROPROPANE		11 U				
2-BUTANONE		11 U				
2-HEXANONE		11 U				
4-METHYL-2-PENTANONE		11 U				
ACETONE		54 B				
BENZENE		1.08 U				
BROMODICHLOROMETHANE		11 U				
BROMOFORM		11 U				
BROMOMETHANE		11 U				
CARBON DISULFIDE		11 U				
CARBON TETRACHLORIDE		11 U				
CHLOROBENZENE		11 U				
CHLOROETHANE		11 U				
CHLOROFORM		11 U				
CHLOROMETHANE		11 U				

60000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB32L-11	Pipe Chase	LS1SB0010101	LS1SB0010201	LS1SB0020101	LS1SB0020201
DEPTH (feet):	11 - 12'	2 - 2'	1.5 - 3.5'	5 - 6'	2 - 3.5'	7 - 7.5'
INVESTIGATION:	TFI96	SCRBLDG89	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/07/95	06/03/94	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	GS-32L	PIPECHASE	TB1-1RI	TB1-1RI	TB2-1RI	TB2-1RI
VALIDATED:	VALIDATED		VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE		11 U				
DIBROMOCHLOROMETHANE		11 U				
ETHYLBENZENE		1.08 U				
METHYLENE CHLORIDE		15 B				
STYRENE		11 U				
TETRACHLOROETHENE		11 U				
TOLUENE		1.08 U				
TRANS-1,3-DICHLOROPROPENE		11 U				
TRICHLOROETHENE		11 U				
VINYL ACETATE		11 U				
VINYL CHLORIDE		11 U				
XYLENES, TOTAL		1.29				
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE		350 U	330 U	400 UJ	360 U	360 UJ
1,2-DICHLOROBENZENE		350 U	330 U	400 U	360 U	360 U
1,3-DICHLOROBENZENE		350 U	330 U	400 U	360 U	360 U
1,4-DICHLOROBENZENE		350 U	330 U	400 U	360 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)			330 U	400 U	360 U	360 U
2,4,5-TRICHLOROPHENOL		860 U	830 U	1000 UJ	910 U	910 UR
2,4,6-TRICHLOROPHENOL		350 U	330 U	400 UJ	360 U	360 UR
2,4-DICHLOROPHENOL		350 U	330 U	400 UJ	360 U	360 UR
2,4-DIMETHYLPHENOL		350 U	330 U	400 UJ	37 J	360 UR

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB32L-11	Pipe Chase	LS1SB0010101	LS1SB0010201	LS1SB0020101	LS1SB0020201
DEPTH (feet):	11 - 12'	2 - 2'	1.5 - 3.5'	5 - 6'	2 - 3.5'	7 - 7.5'
INVESTIGATION:	TFI96	SCRBLDG89	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/07/95	06/03/94	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	GS-32L	PIPECHASE	TB1-1RI	TB1-1RI	TB2-1RI	TB2-1RI
VALIDATED:	VALIDATED		VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROPHENOL		860 U	830 U	1000 UJ	910 U	910 UR
2,4-DINITROTOLUENE		350 U	330 U	400 UJ	360 U	360 UJ
2,6-DINITROTOLUENE		350 U	330 U	400 UJ	360 U	360 UJ
2-CHLORONAPHTHALENE		350 U	330 U	400 UJ	360 U	360 UJ
2-CHLOROPHENOL		350 U	330 U	400 U	360 U	360 UR
2-METHYLNAPHTHALENE		350 U	330 U	70 J	870	1500 J
2-METHYLPHENOL		350 U	330 U	400 U	360 U	360 UR
2-NITROANILINE		860 U	830 U	1000 UJ	910 U	910 UJ
2-NITROPHENOL		350 U	330 U	400 UJ	360 U	360 UR
3,3'-DICHLOROBENZIDINE		350 U	330 UJ	400 UJ	360 UJ	360 UJ
3-NITROANILINE		860 U	830 U	1000 UJ	910 U	910 UJ
4,6-DINITRO-2-METHYLPHENOL		860 U	830 U	1000 UJ	910 U	910 UR
4-BROMOPHENYL PHENYL ETHER		350 U	330 U	400 UJ	360 U	360 UJ
4-CHLORO-3-METHYLPHENOL		350 U	330 U	400 UJ	360 U	360 UR
4-CHLOROANILINE		350 U	330 U	400 UJ	360 U	360 UJ
4-CHLOROPHENYL PHENYL ETHER		350 U	330 U	400 UJ	360 U	360 UJ
4-METHYLPHENOL		350 U	330 U	400 U	360 U	360 UR
4-NITROANILINE		860 U	830 UJ	1000 UJ	910 UJ	910 UJ
4-NITROPHENOL		860 U	830 U	1000 UJ	910 U	910 UR
ACENAPHTHENE		24 J	330 U	400 UJ	3800	4300 J
ACENAPHTHYLENE		350 U	330 U	400 UJ	950	210 J
ANTHRACENE		30 J	330 U	200 J	12000	11000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB32L-11	Pipe Chase	LS1SB0010101	LS1SB0010201	LS1SB0020101	LS1SB0020201
DEPTH (feet):	11 - 12'	2 - 2'	1.5 - 3.5'	5 - 6'	2 - 3.5'	7 - 7.5'
INVESTIGATION:	TFI96	SCRBLDG89	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/07/95	06/03/94	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	GS-32L	PIPECHASE	TB1-1RI	TB1-1RI	TB2-1RI	TB2-1RI
VALIDATED:	VALIDATED		VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)ANTHRACENE		140 J	48 J	310 J	21000	16000
BENZO(A)PYRENE		130 J	45 J	300 J	17000	13000 J
BENZO(B)FLUORANTHENE		130 J	37 J	400 UJ	17000	12000 J
BENZO(G,H,I)PERYLENE		88 J	48 J	240 J	9000	7600 J
BENZO(K)FLUORANTHENE		110 J	50 J	190 J	360 U	11000 J
BENZOIC ACID		1700 U				
BENZYL ALCOHOL		350 U				
BIS(2-CHLOROETHOXY)METHANE		350 U	330 U	400 UJ	360 U	360 UJ
BIS(2-CHLOROETHYL)ETHER		350 U	330 U	400 U	360 U	360 U
BIS(2-CHLOROISOPROPYL) ETHER		350 U				
BIS(2-ETHYLHEXYL)PHTHALATE		97 J	360 U	400 U	360 U	360 U
BUTYLBENZYL PHTHALATE		350 U	330 UJ	400 UJ	360 UJ	360 UJ
CARBAZOLE		29 J	330 U	400 UJ	4300	5200 J
CHRYSENE		140 J	59 J	430 J	19000	16000
DI-N-BUTYL PHTHALATE		350 U	330 U	400 UJ	360 U	360 UJ
DI-N-OCTYL PHTHALATE		350 U	330 UJ	400 UJ	360 UJ	360 UJ
DIBENZO(A,H)ANTHRACENE		350 U	330 U	87 J	5200	2700 J
DIBENZOFURAN		350 U	330 U	400 UJ	4000	4700 J
DIETHYL PHTHALATE		350 U	330 U	400 UJ	360 U	360 UJ
DIMETHYL PHTHALATE		350 U	330 U	400 UJ	360 U	360 UJ
FLUORANTHENE		310 J	74 J	1300 J	44000	37000
FLUORENE		350 U	330 U	400 UJ	4800	5200 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB32L-11	Pipe Chase	LS1SB0010101	LS1SB0010201	LS1SB0020101	LS1SB0020201
DEPTH (feet):	11 - 12'	2 - 2'	1.5 - 3.5'	5 - 6'	2 - 3.5'	7 - 7.5'
INVESTIGATION:	TFI96	SCRBLDG89	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/07/95	06/03/94	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	GS-32L	PIPECHASE	TB1-1RI	TB1-1RI	TB2-1RI	TB2-1RI
VALIDATED:	VALIDATED		VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
HEXACHLOROBENZENE		350 U	330 U	400 UJ	360 U	360 UJ
HEXACHLOROBUTADIENE		350 U	330 U	400 UJ	360 U	360 UJ
HEXACHLOROCYCLOPENTADIENE		350 U	330 UJ	400 UJ	360 UJ	360 UJ
HEXACHLOROETHANE		350 U	330 U	400 U	360 U	360 U
INDENO(1,2,3-CD)PYRENE		81 J	38 J	290 J	12000	9500 J
ISOPHORONE		350 U	330 U	400 UJ	360 U	360 UJ
N-NITROSO-DI-N-PROPYLAMINE		350 U	330 U	400 U	360 U	360 U
N-NITROSODIPHENYLAMINE		350 U	330 U	400 UJ	360 U	360 UJ
NAPHTHALENE		350 U	330 U	66 J	1300	1700 J
NITROBENZENE		350 U	330 U	400 UJ	360 U	360 UJ
PENTACHLOROPHENOL		860 U	830 U	1000 UJ	910 U	910 UR
PHENANTHRENE		190 J	30 J	780 J	41000	42000
PHENOL		350 U	330 U	400 U	29 J	360 UR
PYRENE		230 J	68 J	770 J	45000	41000
METALS (mg/kg)						
ALUMINUM		5710	5750		4670	
ANTIMONY		0.64	0.41 U		0.42 U	
ARSENIC		1.4 U	2.0		12.3	
BARIUM		20.5	36.8		45.7	
BERYLLIUM		0.2	0.22 U		0.18 U	
BORON		5.3 U				
CADMIUM		0.34	0.04 U		0.04 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB32L-11	Pipe Chase	LS1SB0010101	LS1SB0010201	LS1SB0020101	LS1SB0020201
DEPTH (feet):	11 - 12'	2 - 2'	1.5 - 3.5'	5 - 6'	2 - 3.5'	7 - 7.5'
INVESTIGATION:	TFI96	SCRBLDG89	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/07/95	06/03/94	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	GS-32L	PIPECHASE	TB1-1RI	TB1-1RI	TB2-1RI	TB2-1RI
VALIDATED:	VALIDATED		VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
CALCIUM		838	846		1810	
CHROMIUM		4.9	11.7		10.5	
COBALT		1.7 U	3.1		3.0	
COPPER		8	64.5		18.1	
IRON		6810	7830		11600	
LEAD		7.7	34.3		98.8	
MAGNESIUM		1420	2240		1850	
MANGANESE		122	133		118	
MERCURY		0.11 U	0.01 UJ		83.4 J	
NICKEL		3.4	8.1		7.0	
POTASSIUM		1280	1490		1350	
SELENIUM		0.32 U	0.42 U		0.80 U	
SILVER		0.54	0.18 U		0.18 U	
SODIUM		422	99.3		119	
THALLIUM		0.15 U	0.80 U		0.83 U	
VANADIUM		8.9	14.0		15.3	
ZINC		18.3	54.8		35.8	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	26800	10.8 U	78 J		760 J	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0030101	LS1SB0030201	LS1SB0040101	LS1SB0040301	LS1SB0050101	LS1SB0050301
DEPTH (feet):	2 - 4'	5 - 8'	2 - 4'	9 - 10.5'	2 - 4'	10 - 12'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	TB3-1RI	TB3-1RI	TB4-1RI	TB4-1RI	TB5-1RI	TB5-1RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U	460 U	360 U	330 U	360 U	330 U
1,2-DICHLOROBENZENE	360 U	460 U	360 U	330 U	360 U	330 U
1,3-DICHLOROBENZENE	360 U	460 U	360 U	330 U	360 U	330 U
1,4-DICHLOROBENZENE	360 U	460 U	360 U	330 U	360 U	330 U
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U	460 U	360 U	330 U	360 U	330 U
2,4,5-TRICHLOROPHENOL	910 U	1200 U	910 U	830 U	910 U	830 U
2,4,6-TRICHLOROPHENOL	360 U	460 U	360 U	330 U	360 U	330 U
2,4-DICHLOROPHENOL	360 U	460 U	360 U	330 U	360 U	330 U
2,4-DIMETHYLPHENOL	360 U	460 U	360 U	330 U	360 U	330 U
2,4-DINITROPHENOL	910 U	1200 U	910 U	830 U	910 U	830 U
2,4-DINITROTOLUENE	360 U	460 U	360 U	330 U	360 U	330 U
2,6-DINITROTOLUENE	360 U	460 U	360 U	330 U	360 U	330 U
2-CHLORONAPHTHALENE	360 U	460 U	360 U	330 U	360 U	330 U
2-CHLOROPHENOL	360 U	460 U	360 U	330 U	360 U	330 U
2-METHYLNAPHTHALENE	110 J	720	82 J	50 J	360 U	330 U
2-METHYLPHENOL	360 U	460 U	360 U	330 U	360 U	330 U
2-NITROANILINE	910 U	1200 U	910 U	830 U	910 U	830 U
2-NITROPHENOL	360 U	460 U	360 U	330 U	360 U	330 U
3,3'-DICHLOROBENZIDINE	360 U	460 UJ	360 U	330 U	360 U	330 U
3-NITROANILINE	910 U	1200 U	910 U	830 U	910 U	830 U
4,6-DINITRO-2-METHYLPHENOL	910 U	1200 U	910 U	830 U	910 U	830 U
4-BROMOPHENYL PHENYL ETHER	360 U	460 U	360 U	330 U	360 U	330 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0030101	LS1SB0030201	LS1SB0040101	LS1SB0040301	LS1SB0050101	LS1SB0050301
DEPTH (feet):	2 - 4'	5 - 8'	2 - 4'	9 - 10.5'	2 - 4'	10 - 12'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	TB3-1RI	TB3-1RI	TB4-1RI	TB4-1RI	TB5-1RI	TB5-1RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	360 U	460 U	360 U	330 U	360 U	330 U
4-CHLOROANILINE	360 U	460 U	360 U	330 U	360 U	330 U
4-CHLOROPHENYL PHENYL ETHER	360 U	460 U	360 U	330 U	360 U	330 U
4-METHYLPHENOL	360 U	460 U	360 U	330 U	360 U	330 U
4-NITROANILINE	910 U	1200 UJ	910 U	830 U	910 U	830 U
4-NITROPHENOL	910 U	1200 UJ	910 U	830 U	910 U	830 U
ACENAPHTHENE	36 J	88 J	76 J	72 J	360 U	330 U
ACENAPHTHYLENE	360 U	90 J	950	310 J	21 J	330 U
ANTHRACENE	41 J	47 J	780	340	360 U	330 U
BENZO(A)ANTHRACENE	63 J	81 J	4300	2500	140 J	330 U
BENZO(A)PYRENE	75 J	79 J	6900	2100	170 J	330 U
BENZO(B)FLUORANTHENE	61 J	60 J	7400	2200	170 J	330 U
BENZO(G,H,I)PERYLENE	220 J	180 J	6800	2100 J	150 J	330 U
BENZO(K)FLUORANTHENE	95 J	35 J	5100	330 UJ	170 J	330 U
BIS(2-CHLOROETHOXY)METHANE	360 U	460 U	360 U	330 U	360 U	330 U
BIS(2-CHLOROETHYL)ETHER	360 U	460 U	360 U	330 U	360 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE	360 U	460 U	360 U	330 U	360 U	1100
BUTYLBENZYL PHTHALATE	360 U	460 UJ	360 U	22 J	360 U	330 U
CARBAZOLE	360 U	460 U	130 J	64 J	360 U	330 U
CHRYSENE	95 J	120 J	4800	2400	180 J	330 U
DI-N-BUTYL PHTHALATE	360 U	460 U	360 U	330 U	360 U	330 U
DI-N-OCTYL PHTHALATE	360 U	460 UJ	360 U	330 UJ	360 U	330 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0030101	LS1SB0030201	LS1SB0040101	LS1SB0040301	LS1SB0050101	LS1SB0050301
DEPTH (feet):	2 - 4'	5 - 8'	2 - 4'	9 - 10.5'	2 - 4'	10 - 12'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	TB3-1RI	TB3-1RI	TB4-1RI	TB4-1RI	TB5-1RI	TB5-1RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	360 U	51 J	360 U	1500 J	40 J	330 U
DIBENZOFURAN	360 U	47 J	50 J	41 J	360 U	330 U
DIETHYL PHTHALATE	360 U	460 U	360 U	330 U	360 U	330 U
DIMETHYL PHTHALATE	360 U	460 U	360 U	330 U	360 U	330 U
FLUORANTHENE	110 J	71 J	4300	2600	220 J	330 U
FLUORENE	61 J	130 J	200 J	110 J	360 U	330 U
HEXACHLOROBENZENE	360 U	460 U	360 U	330 U	360 U	330 U
HEXACHLOROBUTADIENE	360 U	460 U	360 U	330 U	360 U	330 U
HEXACHLOROCYCLOPENTADIENE	360 U	460 U	360 U	330 U	360 U	330 U
HEXACHLOROETHANE	360 U	460 U	360 U	330 U	360 U	330 U
INDENO(1,2,3-CD)PYRENE	55 J	70 J	6000	1900 J	170 J	330 U
ISOPHORONE	360 U	460 U	360 U	330 U	360 U	330 U
N-NITROSO-DI-N-PROPYLAMINE	360 U	460 U	360 U	330 U	360 U	330 U
N-NITROSODIPHENYLAMINE	360 U	460 U	360 U	330 U	360 U	330 U
NAPHTHALENE	19 J	130 J	130 J	35 J	360 U	330 U
NITROBENZENE	360 U	460 U	360 U	330 U	360 U	330 U
PENTACHLOROPHENOL	910 U	1200 U	910 U	830 U	910 U	830 U
PHENANTHRENE	280 J	290 J	840	850	57 J	330 U
PHENOL	360 U	460 U	360 U	330 U	360 U	330 U
PYRENE	240 J	450 J	7500	2300	250 J	330 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0060101	LS1SB0060301	LS1SB0070101	LS1SB0070401	SBFD008	LS1SB0080101
DEPTH (feet):	2 - 4'	9 - 10'	2 - 4'	13 - 14'	13 - 14'	2 - 4'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	TB6-1RI	TB6-1RI	TB7-1RI	TB7-1RI	TB7-1RI	TB8-1RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS1SB0070401	
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
1,2-DICHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
1,3-DICHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
1,4-DICHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)	330 U	330 U	360 U	360 U	360 U	360 U
2,4,5-TRICHLOROPHENOL	830 UR	830 U	910 U	910 U	910 U	910 U
2,4,6-TRICHLOROPHENOL	330 UR	330 U	360 U	360 U	360 U	360 U
2,4-DICHLOROPHENOL	330 UR	330 U	360 U	360 U	360 U	360 U
2,4-DIMETHYLPHENOL	330 UR	330 U	360 U	360 U	360 U	360 U
2,4-DINITROPHENOL	830 UR	830 U	910 U	910 U	910 U	910 U
2,4-DINITROTOLUENE	330 U	330 U	360 U	360 U	360 U	360 U
2,6-DINITROTOLUENE	330 U	330 U	360 U	360 U	360 U	360 U
2-CHLORONAPHTHALENE	330 U	330 U	360 U	360 U	360 U	360 U
2-CHLOROPHENOL	330 UR	330 U	360 U	360 U	360 U	360 U
2-METHYLNAPHTHALENE	32 J	330 U	360 U	360 U	360 U	360 U
2-METHYLPHENOL	330 UR	330 U	360 U	360 U	360 U	360 U
2-NITROANILINE	830 U	830 U	910 U	910 U	910 U	910 U
2-NITROPHENOL	330 UR	330 U	360 U	360 U	360 U	360 U
3,3'-DICHLOROBENZIDINE	330 UJ	330 U	360 U	360 U	360 U	360 U
3-NITROANILINE	830 U	830 U	910 U	910 U	910 U	910 U
4,6-DINITRO-2-METHYLPHENOL	830 UR	830 U	910 U	910 U	910 U	910 U
4-BROMOPHENYL PHENYL ETHER	330 U	330 U	360 U	360 U	360 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0060101	LS1SB0060301	LS1SB0070101	LS1SB0070401	SBFD008	LS1SB0080101
DEPTH (feet):	2 - 4'	9 - 10'	2 - 4'	13 - 14'	13 - 14'	2 - 4'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	TB6-1RI	TB6-1RI	TB7-1RI	TB7-1RI	TB7-1RI	TB8-1RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS1SB0070401	
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	330 UR	330 U	360 U	360 U	360 U	360 U
4-CHLOROANILINE	330 U	330 U	360 U	360 U	360 U	360 U
4-CHLOROPHENYL PHENYL ETHER	330 U	330 U	360 U	360 U	360 U	360 U
4-METHYLPHENOL	330 UR	330 U	360 U	360 U	360 U	360 U
4-NITROANILINE	830 U	830 U	910 U	910 U	910 U	910 U
4-NITROPHENOL	830 UR	830 U	910 U	910 U	910 U	910 U
ACENAPHTHENE	330 U	330 U	360 U	360 U	360 U	360 U
ACENAPHTHYLENE	330 U	330 U	360 U	360 U	360 U	360 U
ANTHRACENE	330 U	330 U	360 U	360 U	360 U	360 U
BENZO(A)ANTHRACENE	110 J	330 U	23 J	360 U	360 U	20 J
BENZO(A)PYRENE	140 J	330 U	23 J	360 U	360 U	18 J
BENZO(B)FLUORANTHENE	83 J	330 U	31 J	360 U	360 U	360 U
BENZO(G,H,I)PERYLENE	96 J	330 U	20 J	360 U	360 U	360 U
BENZO(K)FLUORANTHENE	150 J	330 U	360 U	360 U	360 U	360 U
BIS(2-CHLOROETHOXY)METHANE	330 U	330 U	360 U	360 U	360 U	360 U
BIS(2-CHLOROETHYL)ETHER	330 U	330 U	360 U	360 U	360 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	330 U	360 U	360 U	360 U	360 U
BUTYLBENZYL PHTHALATE	330 U	330 U	360 U	360 U	360 U	360 U
CARBAZOLE	330 U	330 U	360 U	360 U	360 U	360 U
CHRYSENE	160 J	330 U	33 J	360 U	360 U	28 J
DI-N-BUTYL PHTHALATE	330 U	330 U	360 U	360 U	360 U	130 J
DI-N-OCTYL PHTHALATE	330 UJ	330 U	360 U	360 U	360 U	360 UJ

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0060101	LS1SB0060301	LS1SB0070101	LS1SB0070401	SBFD008	LS1SB0080101
DEPTH (feet):	2 - 4'	9 - 10'	2 - 4'	13 - 14'	13 - 14'	2 - 4'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	TB6-1RI	TB6-1RI	TB7-1RI	TB7-1RI	TB7-1RI	TB8-1RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS1SB0070401	
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	330 U	330 U	360 U	360 U	360 U	360 U
DIBENZOFURAN	330 U	330 U	360 U	360 U	360 U	360 U
DIETHYL PHTHALATE	330 U	330 U	360 U	360 U	360 U	360 U
DIMETHYL PHTHALATE	330 U	330 U	360 U	360 U	360 U	360 U
FLUORANTHENE	110 J	330 U	29 J	360 U	360 U	23 J
FLUORENE	330 U	330 U	360 U	360 U	360 U	360 U
HEXACHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
HEXACHLOROBUTADIENE	330 U	330 U	360 U	360 U	360 U	360 U
HEXACHLOROCYCLOPENTADIENE	330 U	330 U	360 U	360 U	360 U	360 U
HEXACHLOROETHANE	330 U	330 U	360 U	360 U	360 U	360 U
INDENO(1,2,3-CD)PYRENE	81 J	330 U	25 J	360 U	360 U	360 U
ISOPHORONE	330 U	330 U	360 U	360 U	360 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	330 U	330 U	360 U	360 U	360 U	360 U
N-NITROSODIPHENYLAMINE	330 U	330 U	360 U	360 U	360 U	360 U
NAPHTHALENE	26 J	330 U	360 U	360 U	360 U	360 U
NITROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
PENTACHLOROPHENOL	830 UR	830 U	910 U	910 U	910 U	910 U
PHENANTHRENE	90 J	330 U	20 J	360 U	360 U	360 U
PHENOL	330 UR	330 U	360 U	360 U	360 U	360 U
PYRENE	170 J	330 U	31 J	360 U	360 U	24 J
METALS (mg/kg)						
ALUMINUM	5630					

02000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0060101	LS1SB0060301	LS1SB0070101	LS1SB0070401	SBFD008	LS1SB0080101
DEPTH (feet):	2 - 4'	9 - 10'	2 - 4'	13 - 14'	13 - 14'	2 - 4'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	TB6-1RI	TB6-1RI	TB7-1RI	TB7-1RI	TB7-1RI	TB8-1RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS1SB0070401	
METALS (mg/kg)						
ANTIMONY	0.39 UJ					
ARSENIC	1.3					
BARIUM	42.9					
BERYLLIUM	0.20 J					
CADMIUM	0.03 U					
CALCIUM	19900 J					
CHROMIUM	13.7					
COBALT	3.1					
COPPER	13.0					
IRON	8650					
LEAD	58.5					
MAGNESIUM	2850 J					
MANGANESE	228					
MERCURY	0.01 UJ					
NICKEL	7.8 J					
POTASSIUM	1580					
SELENIUM	0.30 U					
SILVER	0.17 U					
SODIUM	211					
THALLIUM	0.76 U					
VANADIUM	14.3					
ZINC	28.3					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0060101	LS1SB0060301	LS1SB0070101	LS1SB0070401	SBFD008	LS1SB0080101
DEPTH (feet):	2 - 4'	9 - 10'	2 - 4'	13 - 14'	13 - 14'	2 - 4'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	TB6-1RI	TB6-1RI	TB7-1RI	TB7-1RI	TB7-1RI	TB8-1RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS1SB0070401	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	2300		39	75		25 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0080301	LS1SB0090101	LS1SB0090201	TANK_GRAVE_N	Tank Grave-S	
DEPTH (feet):	10 - 11'	2 - 4'	5.5 - 6.5'	7 - 7'	7 - 7'	
INVESTIGATION:	1997RI	1997RI	1997RI	SCRBLDG89	SCRBLDG89	
SAMPLE DATE:	09/26/97	09/26/97	09/26/97	06/03/94	06/03/94	/ /
LOCATION:	TB8-1RI	TB9-1RI	TB9-1RI	Tank Grave-N	Tank Grave-S	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
BENZENE				1.09 U	1.07 U	
ETHYLBENZENE				1.09 U	1.07 U	
TOLUENE				1.09 U	1.07 U	
XYLENES, TOTAL				0.657 J	1.07 U	
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U	430 U	360 U			
1,2-DICHLOROBENZENE	360 U	430 U	360 U			
1,3-DICHLOROBENZENE	360 U	430 U	360 U			
1,4-DICHLOROBENZENE	360 U	430 U	360 U			
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U	430 U	360 U			
2,4,5-TRICHLOROPHENOL	910 U	1100 U	910 U			
2,4,6-TRICHLOROPHENOL	360 U	430 U	360 U			
2,4-DICHLOROPHENOL	360 U	430 U	360 U			
2,4-DIMETHYLPHENOL	360 U	430 U	360 U			
2,4-DINITROPHENOL	910 U	1100 U	910 U			
2,4-DINITROTOLUENE	360 U	430 U	360 U			
2,6-DINITROTOLUENE	360 U	430 U	360 U			
2-CHLORONAPHTHALENE	360 U	430 U	360 U			
2-CHLOROPHENOL	360 U	430 U	360 U			
2-METHYLNAPHTHALENE	360 U	430 U	360 U			
2-METHYLPHENOL	360 U	430 U	360 U			
2-NITROANILINE	910 U	1100 U	910 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0080301	LS1SB0090101	LS1SB0090201	TANK_GRAVE_N	Tank Grave-S	
DEPTH (feet):	10 - 11'	2 - 4'	5.5 - 6.5'	7 - 7'	7 - 7'	
INVESTIGATION:	1997RI	1997RI	1997RI	SCRBLDG89	SCRBLDG89	
SAMPLE DATE:	09/26/97	09/26/97	09/26/97	06/03/94	06/03/94	/ /
LOCATION:	TB8-1RI	TB9-1RI	TB9-1RI	Tank Grave-N	Tank Grave-S	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2-NITROPHENOL	360 U	430 U	360 U			
3,3'-DICHLOROBENZIDINE	360 UJ	430 UJ	360 UJ			
3-NITROANILINE	910 U	1100 U	910 U			
4,6-DINITRO-2-METHYLPHENOL	910 U	1100 U	910 U			
4-BROMOPHENYL PHENYL ETHER	360 U	430 U	360 U			
4-CHLORO-3-METHYLPHENOL	360 U	430 U	360 U			
4-CHLOROANILINE	360 U	430 U	360 U			
4-CHLOROPHENYL PHENYL ETHER	360 U	430 U	360 U			
4-METHYLPHENOL	360 U	430 U	360 U			
4-NITROANILINE	910 UJ	1100 UJ	910 UJ			
4-NITROPHENOL	910 U	1100 U	910 U			
ACENAPHTHENE	360 U	430 U	360 U			
ACENAPHTHYLENE	360 U	430 U	18 J			
ANTHRACENE	360 U	430 U	33 J			
BENZO(A)ANTHRACENE	360 UJ	84 J	200 J			
BENZO(A)PYRENE	360 UJ	100 J	230 J			
BENZO(B)FLUORANTHENE	360 UJ	140 J	170 J			
BENZO(G,H,I)PERYLENE	360 UJ	110 J	200 J			
BENZO(K)FLUORANTHENE	360 UJ	96 J	260 J			
BIS(2-CHLOROETHOXY)METHANE	360 U	430 U	360 U			
BIS(2-CHLOROETHYL)ETHER	360 U	430 U	360 U			
BIS(2-ETHYLHEXYL)PHTHALATE	360 U	430 U	360 U			

42006

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0080301	LS1SB0090101	LS1SB0090201	TANK_GRAVE_N	Tank Grave-S	
DEPTH (feet):	10 - 11'	2 - 4'	5.5 - 6.5'	7 - 7'	7 - 7'	
INVESTIGATION:	1997RI	1997RI	1997RI	SCRBLDG89	SCRBLDG89	
SAMPLE DATE:	09/26/97	09/26/97	09/26/97	06/03/94	06/03/94	/ /
LOCATION:	TB8-1RI	TB9-1RI	TB9-1RI	Tank Grave-N	Tank Grave-S	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BUTYLBENZYL PHTHALATE	360 UJ	430 UJ	360 U			
CARBAZOLE	360 U	430 U	360 U			
CHRYSENE	19 J	110 J	310 J			
DI-N-BUTYL PHTHALATE	680	430 U	360 U			
DI-N-OCTYL PHTHALATE	360 UJ	430 UJ	360 UJ			
DIBENZO(A,H)ANTHRACENE	360 UJ	52 J	81 J			
DIBENZOFURAN	40 J	430 U	360 U			
DIETHYL PHTHALATE	360 U	430 U	360 U			
DIMETHYL PHTHALATE	360 U	430 U	360 U			
FLUORANTHENE	360 U	100 J	300 J			
FLUORENE	87 J	430 U	360 U			
HEXACHLOROBENZENE	360 U	430 U	360 U			
HEXACHLOROBUTADIENE	360 U	430 U	360 U			
HEXACHLOROCYCLOPENTADIENE	360 U	430 U	360 U			
HEXACHLOROETHANE	360 U	430 U	360 U			
INDENO(1,2,3-CD)PYRENE	360 UJ	87 J	170 J			
ISOPHORONE	360 U	430 U	360 U			
N-NITROSO-DI-N-PROPYLAMINE	360 U	430 U	360 U			
N-NITROSODIPHENYLAMINE	360 U	430 U	360 U			
NAPHTHALENE	360 U	430 U	360 U			
NITROBENZENE	360 U	430 U	360 U			
PENTACHLOROPHENOL	910 U	1100 U	910 U			

52000 0025

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0080301	LS1SB0090101	LS1SB0090201	TANK_GRAVE_N	Tank Grave-S	
DEPTH (feet):	10 - 11'	2 - 4'	5.5 - 6.5'	7 - 7'	7 - 7'	
INVESTIGATION:	1997RI	1997RI	1997RI	SCRBLDG89	SCRBLDG89	
SAMPLE DATE:	09/26/97	09/26/97	09/26/97	06/03/94	06/03/94	/ /
LOCATION:	TB8-1RI	TB9-1RI	TB9-1RI	Tank Grave-N	Tank Grave-S	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
PHENANTHRENE	81 J	36 J	140 J			
PHENOL	360 U	430 U	360 U			
PYRENE	27 J	240 J	710			
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	3400	26		10.9 U	23.5	

920010

APPENDIX H.1.1.2

ZONE 2

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW10(6-8)	13MW11(2-4)	13MW17(8-10)	13MW6(14-16)	13TB11-0406	13TB8-0103
DEPTH (feet):	6 - 8'	2 - 4'	8 - 10'	14 - 16'	4 - 6'	1 - 3'
INVESTIGATION:	PH1	PH1	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	11/08/90	11/08/90	11/12/90	11/13/90	01/24/94	01/24/94
LOCATION:	13MW10	13MW11	13MW17	13MW6	13TB11	13TB8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	5 U	5 U	6 U	12 U		
1,1,2,2-TETRACHLOROETHANE	5 U	5 U	6 U	12 U		
1,1,2-TRICHLOROETHANE	5 U	5 U	6 U	12 U		
1,1-DICHLOROETHANE	5 U	5 U	6 U	12 U		
1,1-DICHLOROETHENE	5 U	5 U	6 U	12 U		
1,2-DICHLOROETHANE	5 U	5 U	6 U	12 U		
1,2-DICHLOROETHENE (TOTAL)	5 U	5 U	6 U	12 U		
1,2-DICHLOROPROPANE	5 U	5 U	6 U	12 U		
2-BUTANONE	11 U	11 U	12 U	23 U		
2-HEXANONE	11 U	11 U	12 U	23 U		
4-METHYL-2-PENTANONE	11 U	11 U	12 U	23 U		
ACETONE	11 U	11 U	9 UJ	23 U		
BENZENE	5 U	5 U	6 U	12 U		
BROMODICHLOROMETHANE	5 U	5 U	6 U	12 U		
BROMOFORM	5 U	5 U	6 U	12 U		
BROMOMETHANE	11 U	11 U	12 U	23 U		
CARBON DISULFIDE	5 U	5 U	6 U	12 U		
CARBON TETRACHLORIDE	5 U	5 U	6 U	12 U		
CHLOROBENZENE	5 U	5 U	6 U	12 U		
CHLOROETHANE	11 U	11 U	12 U	23 U		
CHLOROFORM	5 U	5 U	6 U	12 U		
CHLOROMETHANE	11 U	11 U	12 U	23 U		

00001

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW10(6-8)	13MW11(2-4)	13MW17(8-10)	13MW6(14-16)	13TB11-0406	13TB8-0103
DEPTH (feet):	6 - 8'	2 - 4'	8 - 10'	14 - 16'	4 - 6'	1 - 3'
INVESTIGATION:	PH1	PH1	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	11/08/90	11/08/90	11/12/90	11/13/90	01/24/94	01/24/94
LOCATION:	13MW10	13MW11	13MW17	13MW6	13TB11	13TB8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	5 U	5 U	6 U	12 U		
DIBROMOCHLOROMETHANE	5 U	5 U	6 U	12 U		
ETHYLBENZENE	5 U	5 U	6 U	12 U		
METHYLENE CHLORIDE	5 U	5 U	2 J	12 U		
STYRENE	5 U	5 U	6 U	12 U		
TETRACHLOROETHENE	5 U	5 U	6 U	12 U		
TOLUENE	5 U	5 U	6 U	12 U		
TRANS-1,3-DICHLOROPROPENE	5 U	5 U	6 U	12 U		
TRICHLOROETHENE	5 U	5 U	1 J	12 U		
VINYL ACETATE	11 U	11 U	12 U	23 U		
VINYL CHLORIDE	11 U	11 U	12 U	23 U		
XYLENES, TOTAL	5 U	5 U	6 U	12 U		
METALS (mg/kg)						
ALUMINUM	4590	7210	2670	4720		
ANTIMONY	5.4 UJ	5.5 UJ	2.4 UJ	2 UJ		
ARSENIC	1.9	1.8	0.71 U	0.61 U		
BARIUM	24.7	30.1	15.3	39.6		
BERYLLIUM	0.22 U	0.29	0.24 U	0.2 U		
BORON	44 R	44 R	47 R	40 R		
CADMIUM	0.6 J	1.3 J	0.69 J	1.2 J		
CALCIUM	1650	1540 J	604 J	645 J		
CHROMIUM	7	12.4	3.9	9.6		

20002

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW10(6-8)	13MW11(2-4)	13MW17(8-10)	13MW6(14-16)	13TB11-0406	13TB8-0103
DEPTH (feet):	6 - 8'	2 - 4'	8 - 10'	14 - 16'	4 - 6'	1 - 3'
INVESTIGATION:	PH1	PH1	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	11/08/90	11/08/90	11/12/90	11/13/90	01/24/94	01/24/94
LOCATION:	13MW10	13MW11	13MW17	13MW6	13TB11	13TB8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
COBALT	2.4	4.1	2.2 J	3.9 J		
COPPER	8.6 J	17.8 J	8.7	9.6		
CYANIDE	1.3 U	1.3 U	1.2 U	1.2 U		
IRON	5120	9560	4310	7830		
LEAD	7.6 J	178 J	5.4 J	2 J	404	149
MAGNESIUM	1850	2330	1150 J	2520		
MANGANESE	125	153	208 J	145 J		
MERCURY	0.1 U	0.11 J	0.1 UJ	0.1 UJ		
NICKEL	5.5	8.2	3.8	6.6		
POTASSIUM	1390 J	1590 J	1120	2570		
SELENIUM	0.44 U	0.44 U	0.24 U	0.2 U		
SILVER	1.5 U	1.5 U	1.6 U	1.4 U		
SODIUM	250 J	184 J	238	123		
THALLIUM	0.65 U	0.66 U	0.47 U	0.4 U		
VANADIUM	9.4	16.8	6	13.5		
ZINC	20.2	54.3	14 J	24.5 J		
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	130	150	80 U	70 U	169 J	856 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB9-0103	FPTB14L-04	FPTB15L-09	FPTB16L-11	FPTB17L-11	FPTB18L-05
DEPTH (feet):	1 - 3'	4 - 4'	9 - 9'	11 - 11'	11 - 12'	5 - 5'
INVESTIGATION:	PH2-1	TFI96	TFI96	TFI96	TFI96	TFI96
SAMPLE DATE:	01/24/94	11/18/95	11/18/95	11/17/95	10/08/95	11/17/95
LOCATION:	13TB9	GS-14L	GS-15L	GS-16L	GS-17L	GS-18L
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	150					
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	26.8 J	49.9	10.3 U	11.3 U	16.3	10.2 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB22L-07	FPTB24L-07	LS2SB0010101	LS2SB0010201	LS2SB0020101	LS2SB0020201
DEPTH (feet):	7 - 8'	7 - 8'	3 - 4'	5 - 7'	2 - 4'	5 - 6'
INVESTIGATION:	TFI96	TFI96	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/07/95	10/08/95	09/22/97	09/22/97	09/22/97	09/22/97
LOCATION:	GS-22L	GS-24L	TB1-2RI	TB1-2RI	TB2-2RI	TB2-2RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE			330 U	360 U	330 U	360 U
1,2-DICHLOROBENZENE			330 U	360 U	330 U	360 U
1,3-DICHLOROBENZENE			330 U	360 U	330 U	360 U
1,4-DICHLOROBENZENE			330 U	360 U	330 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)			330 U	360 U	330 U	360 U
2,4,5-TRICHLOROPHENOL			830 U	910 U	830 U	910 U
2,4,6-TRICHLOROPHENOL			330 U	360 U	330 U	360 U
2,4-DICHLOROPHENOL			330 U	360 U	330 U	360 U
2,4-DIMETHYLPHENOL			330 U	360 U	330 U	360 U
2,4-DINITROPHENOL			830 U	910 U	830 U	910 U
2,4-DINITROTOLUENE			330 U	360 U	330 U	360 U
2,6-DINITROTOLUENE			330 U	360 U	330 U	360 U
2-CHLORONAPHTHALENE			330 U	360 U	330 U	360 U
2-CHLOROPHENOL			330 U	360 U	330 U	360 U
2-METHYLNAPHTHALENE			20 J	360 U	330 U	360 U
2-METHYLPHENOL			330 U	360 U	330 U	360 U
2-NITROANILINE			830 U	910 U	830 U	910 U
2-NITROPHENOL			330 U	360 U	330 U	360 U
3,3'-DICHLOROBENZIDINE			330 U	360 U	330 U	360 U
3-NITROANILINE			830 U	910 U	830 U	910 U
4,6-DINITRO-2-METHYLPHENOL			830 U	910 U	830 U	910 U
4-BROMOPHENYL PHENYL ETHER			330 U	360 U	330 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB22L-07	FPTB24L-07	LS2SB0010101	LS2SB0010201	LS2SB0020101	LS2SB0020201
DEPTH (feet):	7 - 8'	7 - 8'	3 - 4'	5 - 7'	2 - 4'	5 - 6'
INVESTIGATION:	TFI96	TFI96	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/07/95	10/08/95	09/22/97	09/22/97	09/22/97	09/22/97
LOCATION:	GS-22L	GS-24L	TB1-2RI	TB1-2RI	TB2-2RI	TB2-2RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL			330 U	360 U	330 U	360 U
4-CHLOROANILINE			330 U	360 U	330 U	360 U
4-CHLOROPHENYL PHENYL ETHER			330 U	360 U	330 U	360 U
4-METHYLPHENOL			330 U	360 U	330 U	360 U
4-NITROANILINE			830 U	910 U	830 U	910 U
4-NITROPHENOL			830 U	910 U	830 U	910 U
ACENAPHTHENE			330 U	35 J	26 J	460
ACENAPHTHYLENE			37 J	360 U	18 J	360 U
ANTHRACENE			52 J	100 J	79 J	180 J
BENZO(A)ANTHRACENE			260 J	150 J	410	100 J
BENZO(A)PYRENE			250 J	110 J	390	71 J
BENZO(B)FLUORANTHENE			260 J	140 J	390	83 J
BENZO(G,H,I)PERYLENE			230 J	140 J	280 J	100 J
BENZO(K)FLUORANTHENE			170 J	74 J	300 J	43 J
BIS(2-CHLOROETHOXY)METHANE			330 U	360 U	330 U	360 U
BIS(2-CHLOROETHYL)ETHER			330 U	360 U	330 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE			330 U	330 U	330 U	360 U
BUTYLBENZYL PHTHALATE			330 U	360 U	330 U	360 U
CARBAZOLE			23 J	33 J	36 J	360 U
CHRYSENE			300 J	120 J	450	100 J
DI-N-BUTYL PHTHALATE			330 U	360 U	330 U	360 U
DI-N-OCTYL PHTHALATE			330 U	360 U	330 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB22L-07	FPTB24L-07	LS2SB0010101	LS2SB0010201	LS2SB0020101	LS2SB0020201
DEPTH (feet):	7 - 8'	7 - 8'	3 - 4'	5 - 7'	2 - 4'	5 - 6'
INVESTIGATION:	TFI96	TFI96	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/07/95	10/08/95	09/22/97	09/22/97	09/22/97	09/22/97
LOCATION:	GS-22L	GS-24L	TB1-2RI	TB1-2RI	TB2-2RI	TB2-2RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE			53 J	40 J	170 J	360 U
DIBENZOFURAN			330 U	26 J	330 U	320 J
DIETHYL PHTHALATE			24 J	47 J	330 U	360 U
DIMETHYL PHTHALATE			330 U	360 U	330 U	360 U
FLUORANTHENE			470	330 J	790	590
FLUORENE			21 J	31 J	22 J	360 U
HEXACHLOROBENZENE			330 U	360 U	330 U	360 U
HEXACHLOROBUTADIENE			330 U	360 U	330 U	360 U
HEXACHLOROCYCLOPENTADIENE			330 U	360 U	330 U	360 U
HEXACHLOROETHANE			330 U	360 U	330 U	360 U
INDENO(1,2,3-CD)PYRENE			210 J	66 J	320 J	35 J
ISOPHORONE			330 U	360 U	330 U	360 U
N-NITROSO-DI-N-PROPYLAMINE			330 U	360 U	330 U	360 U
N-NITROSODIPHENYLAMINE			330 U	360 U	330 U	360 U
NAPHTHALENE			330 U	360 U	330 U	360 U
NITROBENZENE			330 U	360 U	330 U	360 U
PENTACHLOROPHENOL			830 U	910 U	830 U	910 U
PHENANTHRENE			280 J	310 J	390	360 U
PHENOL			330 U	360 U	330 U	360 U
PYRENE			420	250 J	630	350 J
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	8210	89.9	330		450	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0030101	LS2SB0030201	LS2SB0040101	LS2SB0040401	LS2SB0050101	LS2SB0050301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	14 - 15.5'	2 - 4'	8 - 11'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/22/97	09/22/97	09/23/97	09/23/97	09/23/97	09/23/97
LOCATION:	TB3-2RI	TB3-2RI	TB4-2RI	TB4-2RI	TB5-2RI	TB5-2RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	330 U	360 U	330 U	360 U	330 U	330 U
1,2-DICHLOROBENZENE	330 U	360 U	330 U	360 U	330 U	330 U
1,3-DICHLOROBENZENE	330 U	360 U	330 U	360 U	330 U	330 U
1,4-DICHLOROBENZENE	330 U	360 U	330 U	360 U	330 U	330 U
2,2'-OXYBIS(1-CHLOROPROPANE)	330 U	360 U	330 U	360 U	330 U	330 U
2,4,5-TRICHLOROPHENOL	830 U	910 U	830 U	910 U	830 U	830 U
2,4,6-TRICHLOROPHENOL	330 U	360 U	330 U	360 U	330 U	330 U
2,4-DICHLOROPHENOL	330 U	360 U	330 U	360 U	330 U	330 U
2,4-DIMETHYLPHENOL	330 U	360 U	330 U	360 U	330 U	330 U
2,4-DINITROPHENOL	830 U	910 U	830 U	910 U	830 U	830 U
2,4-DINITROTOLUENE	330 U	360 U	330 U	360 U	330 U	330 U
2,6-DINITROTOLUENE	330 U	360 U	330 U	360 U	330 U	330 U
2-CHLORONAPHTHALENE	330 U	360 U	330 U	360 U	330 U	330 U
2-CHLOROPHENOL	330 U	360 U	330 U	360 U	330 U	330 U
2-METHYLNAPHTHALENE	330 U	20 J	330 U	360 U	330 U	330 U
2-METHYLPHENOL	330 U	360 U	330 U	360 U	330 U	330 U
2-NITROANILINE	830 U	910 U	830 U	910 U	830 U	830 U
2-NITROPHENOL	330 U	360 U	330 U	360 U	330 U	330 U
3,3'-DICHLOROBENZIDINE	330 U	360 U	330 U	360 U	330 U	330 U
3-NITROANILINE	830 U	910 U	830 U	910 U	830 U	830 U
4,6-DINITRO-2-METHYLPHENOL	830 U	910 U	830 U	910 U	830 U	830 U
4-BROMOPHENYL PHENYL ETHER	330 U	360 U	330 U	360 U	330 U	330 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0030101	LS2SB0030201	LS2SB0040101	LS2SB0040401	LS2SB0050101	LS2SB0050301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	14 - 15.5'	2 - 4'	8 - 11'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/22/97	09/22/97	09/23/97	09/23/97	09/23/97	09/23/97
LOCATION:	TB3-2RI	TB3-2RI	TB4-2RI	TB4-2RI	TB5-2RI	TB5-2RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	330 U	360 U	330 U	360 U	330 U	330 U
4-CHLOROANILINE	330 U	360 U	330 U	360 U	330 U	330 U
4-CHLOROPHENYL PHENYL ETHER	330 U	360 U	330 U	360 U	330 U	330 U
4-METHYLPHENOL	330 U	360 U	330 U	360 U	330 U	330 U
4-NITROANILINE	830 U	910 U	830 U	910 UJ	830 U	830 U
4-NITROPHENOL	830 U	910 U	830 U	910 UJ	830 U	830 U
ACENAPHTHENE	330 U	40 J	330 U	360 U	29 J	330 U
ACENAPHTHYLENE	57 J	63 J	330 U	360 U	330 U	330 U
ANTHRACENE	45 J	180 J	20 J	360 U	85 J	330 U
BENZO(A)ANTHRACENE	260 J	650	86 J	360 U	260 J	330 U
BENZO(A)PYRENE	240 J	570	87 J	360 U	260 J	330 U
BENZO(B)FLUORANTHENE	270 J	680	86 J	360 U	210 J	330 U
BENZO(G,H,I)PERYLENE	180 J	400	67 J	360 UJ	180 J	330 U
BENZO(K)FLUORANTHENE	180 J	430	90 J	360 U	230 J	330 U
BIS(2-CHLOROETHOXY)METHANE	330 U	360 U	330 U	360 U	330 U	330 U
BIS(2-CHLOROETHYL)ETHER	330 U	360 U	330 U	360 U	330 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	360 U	330 U	360 U	330 U	330 U
BUTYLBENZYL PHTHALATE	330 U	360 U	330 U	360 U	330 U	330 U
CARBAZOLE	330 U	65 J	330 U	360 U	22 J	330 U
CHRYSENE	300 J	680	100 J	360 U	290 J	330 U
DI-N-BUTYL PHTHALATE	330 U	18 J	330 U	360 U	330 U	330 U
DI-N-OCTYL PHTHALATE	330 U	360 U	330 U	360 U	330 U	330 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0030101	LS2SB0030201	LS2SB0040101	LS2SB0040401	LS2SB0050101	LS2SB0050301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	14 - 15.5'	2 - 4'	8 - 11'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/22/97	09/22/97	09/23/97	09/23/97	09/23/97	09/23/97
LOCATION:	TB3-2RI	TB3-2RI	TB4-2RI	TB4-2RI	TB5-2RI	TB5-2RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	76 J	180 J	31 J	360 U	78 J	330 U
DIBENZOFURAN	330 U	42 J	330 U	360 UJ	330 U	330 U
DIETHYL PHTHALATE	330 U	360 U	330 U	360 U	330 U	18 J
DIMETHYL PHTHALATE	330 U	360 U	330 U	360 U	330 U	330 U
FLUORANTHENE	420	1300	180 J	360 U	630	330 U
FLUORENE	330 U	64 J	330 U	360 U	330 U	330 U
HEXACHLOROBENZENE	330 U	360 U	330 U	360 U	330 U	330 U
HEXACHLOROBUTADIENE	330 U	360 U	330 U	360 U	330 U	330 U
HEXACHLOROCYCLOPENTADIENE	330 U	360 U	330 U	360 U	330 U	330 U
HEXACHLOROETHANE	330 U	360 U	330 U	360 U	330 U	330 U
INDENO(1,2,3-CD)PYRENE	180 J	400	65 J	360 UJ	170 J	330 U
ISOPHORONE	330 U	360 U	330 U	360 U	330 U	330 U
N-NITROSO-DI-N-PROPYLAMINE	330 U	360 U	330 U	360 U	330 U	330 U
N-NITROSODIPHENYLAMINE	330 U	360 U	330 U	360 U	330 U	330 U
NAPHTHALENE	330 U	18 J	330 U	360 U	330 U	330 U
NITROBENZENE	330 U	360 U	330 U	360 U	330 U	330 U
PENTACHLOROPHENOL	830 U	910 U	830 U	910 U	830 U	830 U
PHENANTHRENE	82 J	750	110 J	360 U	380	330 U
PHENOL	330 U	360 U	330 U	50 J	330 U	330 U
PYRENE	390	1200	170 J	22 J	570	330 U
METALS (mg/kg)						
ALUMINUM				8320		3240

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0030101	LS2SB0030201	LS2SB0040101	LS2SB0040401	LS2SB0050101	LS2SB0050301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	14 - 15.5'	2 - 4'	8 - 11'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/22/97	09/22/97	09/23/97	09/23/97	09/23/97	09/23/97
LOCATION:	TB3-2RI	TB3-2RI	TB4-2RI	TB4-2RI	TB5-2RI	TB5-2RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY				0.44 UJ		0.44 UJ
ARSENIC				3.0 J		1.2 J
BARIUM				41.5 U		26.3 U
BERYLLIUM				0.32 J		0.10 U
CADMIUM				0.04 U		0.04 U
CALCIUM				582 J		1030 J
CHROMIUM				13.4		7.7
COBALT				4.1		2.2
COPPER				10.8		6.6
IRON				9070		4970
LEAD				5.2		2.1
MAGNESIUM				2570 J		1680 J
MANGANESE				151		94.5
MERCURY				0.001 UJ		0.002 UJ
NICKEL				10.1		5.4
POTASSIUM				1550 J		1420 J
SELENIUM				0.34 U		0.34 U
SILVER				0.19 U		0.19 U
SODIUM				64.2 U		114
THALLIUM				0.87 UJ		0.87 UJ
VANADIUM				17.1		8.6
ZINC				22.5 J		15.1 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0030101	LS2SB0030201	LS2SB0040101	LS2SB0040401	LS2SB0050101	LS2SB0050301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	14 - 15.5'	2 - 4'	8 - 11'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/22/97	09/22/97	09/23/97	09/23/97	09/23/97	09/23/97
LOCATION:	TB3-2RI	TB3-2RI	TB4-2RI	TB4-2RI	TB5-2RI	TB5-2RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	340		31	25 U	25 U	62

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0060101	LS2SB0060301	SBFD001	LS2SB0070101	LS2SB0070201	
DEPTH (feet):	2 - 4'	8 - 11'	8 - 11'	2 - 4'	6 - 7'	
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	
SAMPLE DATE:	09/22/97	09/22/97	09/22/97	09/22/97	09/22/97	/ /
LOCATION:	TB6-2RI	TB6-2RI	TB6-2RI	TB7-2RI	TB7-2RI	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:			LS2SB0060301			
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	330 U	330 U	330 U	360 U	400 U	
1,2-DICHLOROBENZENE	330 U	330 U	330 U	360 U	400 U	
1,3-DICHLOROBENZENE	330 U	330 U	330 U	360 U	400 U	
1,4-DICHLOROBENZENE	330 U	330 U	330 U	360 U	400 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	330 U	330 U	330 U	360 U	400 U	
2,4,5-TRICHLOROPHENOL	830 U	830 U	830 U	910 U	1000 U	
2,4,6-TRICHLOROPHENOL	330 U	330 U	330 U	360 U	400 U	
2,4-DICHLOROPHENOL	330 U	330 U	330 U	360 U	400 U	
2,4-DIMETHYLPHENOL	330 U	330 U	330 U	360 U	400 U	
2,4-DINITROPHENOL	830 U	830 U	830 U	910 U	1000 U	
2,4-DINITROTOLUENE	330 U	330 U	330 U	360 U	400 U	
2,6-DINITROTOLUENE	330 U	330 U	330 U	360 U	400 U	
2-CHLORONAPHTHALENE	330 U	330 U	330 U	360 U	400 U	
2-CHLOROPHENOL	330 U	330 U	330 U	360 U	400 U	
2-METHYLNAPHTHALENE	330 U	330 U	330 U	360 U	400 U	
2-METHYLPHENOL	330 U	330 U	330 U	360 U	400 U	
2-NITROANILINE	830 U	830 U	830 U	910 U	1000 U	
2-NITROPHENOL	330 U	330 U	330 U	360 U	400 U	
3,3'-DICHLOROBENZIDINE	330 U	330 U	330 U	360 U	400 U	
3-NITROANILINE	830 U	830 U	830 U	910 U	1000 U	
4,6-DINITRO-2-METHYLPHENOL	830 U	830 U	830 U	910 U	1000 U	
4-BROMOPHENYL PHENYL ETHER	330 U	330 U	330 U	360 U	400 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0060101	LS2SB0060301	SBFD001	LS2SB0070101	LS2SB0070201	
DEPTH (feet):	2 - 4'	8 - 11'	8 - 11'	2 - 4'	6 - 7'	
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	
SAMPLE DATE:	09/22/97	09/22/97	09/22/97	09/22/97	09/22/97	/ /
LOCATION:	TB6-2RI	TB6-2RI	TB6-2RI	TB7-2RI	TB7-2RI	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:			LS2SB0060301			
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	330 U	330 U	330 U	360 U	400 U	
4-CHLOROANILINE	330 U	330 U	330 U	360 U	400 U	
4-CHLOROPHENYL PHENYL ETHER	330 U	330 U	330 U	360 U	400 U	
4-METHYLPHENOL	330 U	330 U	330 U	360 U	400 U	
4-NITROANILINE	830 U	830 U	830 U	910 U	1000 U	
4-NITROPHENOL	830 U	830 U	830 U	910 U	1000 U	
ACENAPHTHENE	330 U	330 U	330 U	360 U	400 U	
ACENAPHTHYLENE	330 U	330 U	330 U	360 U	400 U	
ANTHRACENE	330 U	330 U	330 U	360 U	400 U	
BENZO(A)ANTHRACENE	57 J	25 J	18 J	53 J	400 U	
BENZO(A)PYRENE	74 J	22 J	19 J	60 J	400 U	
BENZO(B)FLUORANTHENE	64 J	22 J	19 J	59 J	400 U	
BENZO(G,H,I)PERYLENE	61 J	20 J	330 U	58 J	400 U	
BENZO(K)FLUORANTHENE	68 J	23 J	330 U	49 J	400 U	
BIS(2-CHLOROETHOXY)METHANE	330 U	330 U	330 U	360 U	400 U	
BIS(2-CHLOROETHYL)ETHER	330 U	330 U	330 U	360 U	400 U	
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	330 U	330 U	360 U	400 U	
BUTYLBENZYL PHTHALATE	330 U	330 U	330 U	360 U	400 U	
CARBAZOLE	330 U	330 U	330 U	360 U	400 U	
CHRYSENE	80 J	30 J	23 J	62 J	400 U	
DI-N-BUTYL PHTHALATE	330 U	330 U	17 J	360 U	400 U	
DI-N-OCTYL PHTHALATE	330 U	330 U	330 U	360 U	400 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0060101	LS2SB0060301	SBFD001	LS2SB0070101	LS2SB0070201	
DEPTH (feet):	2 - 4'	8 - 11'	8 - 11'	2 - 4'	6 - 7'	
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	
SAMPLE DATE:	09/22/97	09/22/97	09/22/97	09/22/97	09/22/97	/ /
LOCATION:	TB6-2RI	TB6-2RI	TB6-2RI	TB7-2RI	TB7-2RI	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:			LS2SB0060301			
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	31 J	330 U	330 U	31 J	400 U	
DIBENZOFURAN	330 U	330 U	330 U	360 U	400 U	
DIETHYL PHTHALATE	22 J	330 U	330 U	360 U	19 J	
DIMETHYL PHTHALATE	330 U	330 U	330 U	360 U	400 U	
FLUORANTHENE	100 J	44 J	34 J	94 J	400 U	
FLUORENE	330 U	330 U	330 U	360 U	400 U	
HEXACHLOROBENZENE	330 U	330 U	330 U	360 U	400 U	
HEXACHLOROBUTADIENE	330 U	330 U	330 U	360 U	400 U	
HEXACHLOROCYCLOPENTADIENE	330 U	330 U	330 U	360 U	400 U	
HEXACHLOROETHANE	330 U	330 U	330 U	360 U	400 U	
INDENO(1,2,3-CD)PYRENE	51 J	20 J	330 U	43 J	400 U	
ISOPHORONE	330 U	330 U	330 U	360 U	400 U	
N-NITROSO-DI-N-PROPYLAMINE	330 U	330 U	330 U	360 U	400 U	
N-NITROSODIPHENYLAMINE	330 U	330 U	330 U	360 U	400 U	
NAPHTHALENE	330 U	330 U	330 U	20 J	400 U	
NITROBENZENE	330 U	330 U	330 U	360 U	400 U	
PENTACHLOROPHENOL	830 U	830 U	830 U	910 U	1000 U	
PHENANTHRENE	42 J	21 J	18 J	45 J	400 U	
PHENOL	330 U	330 U	330 U	360 U	400 U	
PYRENE	110 J	39 J	30 J	88 J	400 U	
METALS (mg/kg)						
ALUMINUM		4000	3300			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0060101	LS2SB0060301	SBFD001	LS2SB0070101	LS2SB0070201	
DEPTH (feet):	2 - 4'	8 - 11'	8 - 11'	2 - 4'	6 - 7'	
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	
SAMPLE DATE:	09/22/97	09/22/97	09/22/97	09/22/97	09/22/97	/ /
LOCATION:	TB6-2RI	TB6-2RI	TB6-2RI	TB7-2RI	TB7-2RI	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:			LS2SB0060301			
METALS (mg/kg)						
ANTIMONY		0.40 UJ	0.40 UJ			
ARSENIC		0.99 J	0.82 J			
BARIUM		32.6 U	27.4 U			
BERYLLIUM		0.12 U	0.10 U			
CADMIUM		0.04 U	0.04 U			
CALCIUM		3120 J	2520 J			
CHROMIUM		8.3	7.5			
COBALT		3.0	2.7			
COPPER		8.6	7.1			
IRON		7280	5490			
LEAD		14.6	14.0			
MAGNESIUM		2330 J	1800 J			
MANGANESE		127	97.2			
MERCURY		0.002 UJ	0.002 UJ			
NICKEL		5.6	4.8			
POTASSIUM		1610 J	1380 J			
SELENIUM		0.31 U	0.30 U			
SILVER		0.17 U	0.17 U			
SODIUM		209	175			
THALLIUM		0.79 UJ	0.78 UJ			
VANADIUM		13.5	9.7			
ZINC		19.2 J	16.2 J			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0060101	LS2SB0060301	SBFD001	LS2SB0070101	LS2SB0070201	
DEPTH (feet):	2 - 4'	8 - 11'	8 - 11'	2 - 4'	6 - 7'	
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	
SAMPLE DATE:	09/22/97	09/22/97	09/22/97	09/22/97	09/22/97	/ /
LOCATION:	TB6-2RI	TB6-2RI	TB6-2RI	TB7-2RI	TB7-2RI	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:			LS2SB0060301			
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	59					

APPENDIX H.1.1.3

ZONE 3

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW12(8-10)	13TB12-0204-X	13TB12-0406	13TB12-0608-X	13TB18-0103	13TB5A-1.5-3.5
DEPTH (feet):	8 - 10'	2 - 4'	4 - 6'	6 - 8'	1 - 3'	1.5 - 3.5'
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	11/08/90	01/22/94	01/22/94	01/22/94	02/01/94	01/22/94
LOCATION:	13MW12	13TB12	13TB12	13TB12	13TB18	13TB5A
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	6 U					
1,1,2,2-TETRACHLOROETHANE	6 U					
1,1,2-TRICHLOROETHANE	6 U					
1,1-DICHLOROETHANE	6 U					
1,1-DICHLOROETHENE	6 U					
1,2-DICHLOROETHANE	6 U					
1,2-DICHLOROETHENE (TOTAL)	6 U					
1,2-DICHLOROPROPANE	6 U					
2-BUTANONE	13 U					
2-HEXANONE	13 U					
4-METHYL-2-PENTANONE	13 U					
ACETONE	13 U					
BENZENE	6 U					
BROMODICHLOROMETHANE	6 U					
BROMOFORM	6 U					
BROMOMETHANE	13 U					
CARBON DISULFIDE	6 U					
CARBON TETRACHLORIDE	6 U					
CHLOROBENZENE	6 U					
CHLOROETHANE	13 U					
CHLOROFORM	6 U					
CHLOROMETHANE	13 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW12(8-10)	13TB12-0204-X	13TB12-0406	13TB12-0608-X	13TB18-0103	13TB5A-1.5-3.5
DEPTH (feet):	8 - 10'	2 - 4'	4 - 6'	6 - 8'	1 - 3'	1.5 - 3.5'
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	11/08/90	01/22/94	01/22/94	01/22/94	02/01/94	01/22/94
LOCATION:	13MW12	13TB12	13TB12	13TB12	13TB18	13TB5A
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	6 U					
DIBROMOCHLOROMETHANE	6 U					
ETHYLBENZENE	6 U					
METHYLENE CHLORIDE	6 U					
STYRENE	6 U					
TETRACHLOROETHENE	6 U					
TOLUENE	6 U					
TRANS-1,3-DICHLOROPROPENE	6 U					
TRICHLOROETHENE	6 U					
VINYL ACETATE	13 U					
VINYL CHLORIDE	13 U					
XYLENES, TOTAL	6 U					
METALS (mg/kg)						
ALUMINUM	8120					
ANTIMONY	6.2 UJ					
ARSENIC	2.8					
BARIUM	29.2					
BERYLLIUM	0.33					
BORON	81 R					
CADMIUM	0.83 J					
CALCIUM	1100 J					
CHROMIUM	10.5					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW12(8-10)	13TB12-0204-X	13TB12-0406	13TB12-0608-X	13TB18-0103	13TB5A-1.5-3.5
DEPTH (feet):	8 - 10'	2 - 4'	4 - 6'	6 - 8'	1 - 3'	1.5 - 3.5'
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	11/08/90	01/22/94	01/22/94	01/22/94	02/01/94	01/22/94
LOCATION:	13MW12	13TB12	13TB12	13TB12	13TB18	13TB5A
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
COBALT	4.4					
COPPER	8.8 J					
CYANIDE	1.5 U					
IRON	7230					
LEAD	2.6 J	567 J	282 J	107 J	1320 J	151 J
MAGNESIUM	1930					
MANGANESE	88.1					
MERCURY	0.12 U					
NICKEL	7					
POTASSIUM	910 J					
SELENIUM	0.5 U					
SILVER	1.8 U					
SODIUM	114 J					
THALLIUM	0.75 U					
VANADIUM	15.7					
ZINC	17					
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	3400 J		138		450 J	552

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB5A-1.5-3.5-X	13TB7-0103	2-EXBE-ALBACORE-04	2-EXBE78-06	2-EXNW09-06	2-EXNW78-09
DEPTH (feet):	1.5 - 3.5'	1 - 3'	5 - 5'	3 - 3'	2 - 2'	0'
INVESTIGATION:	PH2-1	PH2-1	B31PRA	B31PRA	B31PRA	B31PRA
SAMPLE DATE:	01/22/94	01/22/94	04/29/94	04/25/94	06/29/94	04/29/94
LOCATION:	13TB5A	13TB7	2-EXBE-ALBACORE-04	2-EXBE78-06	2-EXNW09-06	2-EXNW78-09
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	113 J	36.8 J	6060	330	72.7	233
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		65.2				

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	2-EXSW78-09	2-EXWW-ALBACORE-06	2-EXWW06-06	2-EXWW09-06	3-EXSW09-06	4-EXEW03-07
DEPTH (feet):	0'	2 - 2'	6 - 6'	3 - 3'	3 - 3'	2 - 2'
INVESTIGATION:	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA
SAMPLE DATE:	04/25/94	04/29/94	06/21/94	06/29/94	07/07/94	05/24/94
LOCATION:	2-EXSW78-09	2-EXWW-ALBACORE-06	2-EXWW06-06	2-EXWW09-06	3-EXSW09-06	4-EXEW03-07
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	97.9	4390	429	8.4	351	21.4

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EXBE-ALBACORE-04	EXBE-ALBACORE-04-D	EXNW-ALBACORE-06	EXBE78-06	EXNW78-09	EXSW78-09
DEPTH (feet):	5 - 5'	5 - 5'	3 - 3'	3 - 3'	0'	0'
INVESTIGATION:	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA
SAMPLE DATE:	04/25/94	04/25/94	04/29/94	04/01/94	04/01/94	04/01/94
LOCATION:	ALBACORE RD	ALBACORE RD	ALBACORE RD	BLDG 31/78 N	BLDG 31/78 N	BLDG 31/78 N
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:		EXBE-ALBACORE-04				
METALS (mg/kg)						
LEAD	1200	1870	724	413	1120	1690

90000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EXBE01-06	2-EXEW03-07	3-EXEW03-07	EXEW03-07	EXWW06-05	EXEW07-05-D
DEPTH (feet):	3 - 3'	2 - 2'	2 - 2'	2 - 2'	5 - 5'	4 - 4'
INVESTIGATION:	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA
SAMPLE DATE:	03/15/94	04/25/94	05/16/94	03/22/94	06/07/94	05/04/94
LOCATION:	CELL NO 1	CELL NO 3	CELL NO 3	CELL NO 3	CELL NO 6, N	CELL NO 7
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						EXEW07-05
METALS (mg/kg)						
LEAD	1980	4480	1950	1630	1210	27.6

00007

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	2-EXSW09-06	EXNW09-06	EXSW09-06	EXWW09-06	EXWW09-06-D	EXBE-ALBACORE-03
DEPTH (feet):	3 - 3'	3 - 3'	3 - 3'	3 - 3'	3 - 3'	6 - 6'
INVESTIGATION:	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA
SAMPLE DATE:	06/29/94	06/23/94	06/24/94	06/23/94	06/23/94	05/16/94
LOCATION:	CELL NO 9	CELL NO 9	CELL NO 9	CELL NO 9	CELL NO 9	EXBE-ALBACORE-03
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:					EXWW09-06	
METALS (mg/kg)						
LEAD	1940	7420	1690	1990	167	3330

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EXBE-BULLHEAD-07	EXBE01-04	EXBE02-04	EXBE03-04	EXBE05-04	EXBE06-07
DEPTH (feet):	2 - 2'	5 - 5'	5 - 5'	5 - 5'	4 - 4'	7 - 7'
INVESTIGATION:	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA
SAMPLE DATE:	04/29/94	03/22/94	03/15/94	03/22/94	06/11/94	06/11/94
LOCATION:	EXBE-BULLHEAD-07	EXBE01-04	EXBE02-04	EXBE03-04	EXBE05-04	EXBE06-07
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	285	49.6	322	134	1290	162

60009

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EXBE07-03	EXEW02-06	EXEW07-05	EXEWBULLHEAD-08	EXNW02-06	EXNW03-07
DEPTH (feet):	6 - 6'	3 - 3'	4 - 4'	1 - 1'	3 - 3'	2 - 2'
INVESTIGATION:	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA
SAMPLE DATE:	05/04/94	03/15/94	05/04/94	04/29/94	03/15/94	03/22/94
LOCATION:	EXBE07-03	EXEW02-06	EXEW07-05	EXEWBULLHEAD-08	EXNW02-06	EXNW03-07
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	15.2	92.4	33.3	134	19.9	24.3

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EXNW04-06	EXNW07-05	EXNW08-07	EXSW-ALBACORE-06	EXSW-BULLHEAD-08	EXSW01-07
DEPTH (feet):	3 - 3'	4 - 4'	7 - 7'	3 - 3'	1 - 1'	2 - 2'
INVESTIGATION:	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA
SAMPLE DATE:	06/23/94	05/04/94	06/11/94	04/25/94	04/29/94	03/15/94
LOCATION:	EXNW04-06	EXNW07-05	EXNW08-07	EXSW-ALBACORE-06	EXSW-BULLHEAD-08	EXSW01-07
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	67.4	4.3	1030	4173	341	184

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EXSW02-06	EXSW03-07	EXSW04-06	EXSW07-04	EXSW08-07	EXWW-ALBACORE-06
DEPTH (feet):	3 - 3'	2 - 2'	3 - 3'	5 - 5'	7 - 7'	3 - 3'
INVESTIGATION:	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA
SAMPLE DATE:	03/15/94	03/22/94	06/23/94	05/04/94	06/11/94	04/25/94
LOCATION:	EXSW02-06	EXSW03-07	EXSW04-06	EXSW07-04	EXSW08-07	EXWW-ALBACORE-06
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	364	264	10.9	213	234	1880

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EXWW01-07	EXWW02-06	EXWW06-07	EXWW07-05	EXWW08-07	FPTB12L-08
DEPTH (feet):	2 - 2'	3 - 3'	7 - 7'	4 - 4'	7 - 7'	8 - 8'
INVESTIGATION:	B31PRA	B31PRA	B31PRA	B31PRA	B31PRA	TFI96
SAMPLE DATE:	03/15/94	03/15/94	06/11/94	05/04/94	06/11/94	11/17/95
LOCATION:	EXWW01-07	EXWW02-06	EXWW06-07	EXWW07-05	EXWW08-07	GS-12L
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	437	7.4	142	2.6	14.4	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH						11.1 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB13L-07	DUP17-111895	LS3SB0010201	LS3SB0010301	LS3SB0020201	SBFD010
DEPTH (feet):	7 - 7'	7 - 7'	2 - 4'	5 - 6'	2 - 3.5'	2 - 3.5'
INVESTIGATION:	TFI96	TFI96	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/18/95	09/27/97	09/27/97	09/29/97	09/29/97
LOCATION:	GS-13L	GS-13L	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		FPTB13L-07				LS3SB0020201
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE			360 U	400 U	330 U	330 U
1,2-DICHLOROBENZENE			360 U	400 U	330 U	330 U
1,3-DICHLOROBENZENE			360 U	400 U	330 U	330 U
1,4-DICHLOROBENZENE			360 U	400 U	330 U	330 U
2,2'-OXYBIS(1-CHLOROPROPANE)			360 U	400 U	330 U	330 U
2,4,5-TRICHLOROPHENOL			910 U	1000 U	830 U	830 U
2,4,6-TRICHLOROPHENOL			360 U	400 U	330 U	330 U
2,4-DICHLOROPHENOL			360 U	400 U	330 U	330 U
2,4-DIMETHYLPHENOL			360 U	400 U	330 U	330 U
2,4-DINITROPHENOL			910 U	1000 U	830 U	830 U
2,4-DINITROTOLUENE			360 U	400 U	330 U	330 U
2,6-DINITROTOLUENE			360 U	400 U	330 U	330 U
2-CHLORONAPHTHALENE			360 U	400 U	330 U	330 U
2-CHLOROPHENOL			360 U	400 U	330 U	330 U
2-METHYLNAPHTHALENE			360 U	400 UJ	33 J	28 J
2-METHYLPHENOL			360 U	400 U	330 U	330 U
2-NITROANILINE			910 U	1000 U	830 U	830 U
2-NITROPHENOL			360 U	400 U	330 U	330 U
3,3'-DICHLOROBENZIDINE			360 U	400 UJ	330 UJ	330 UJ
3-NITROANILINE			910 U	1000 U	830 U	830 U
4,6-DINITRO-2-METHYLPHENOL			910 U	1000 U	830 U	830 U
4-BROMOPHENYL PHENYL ETHER			360 U	400 U	330 U	330 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB13L-07	DUP17-111895	LS3SB0010201	LS3SB0010301	LS3SB0020201	SBFD010
DEPTH (feet):	7 - 7'	7 - 7'	2 - 4'	5 - 6'	2 - 3.5'	2 - 3.5'
INVESTIGATION:	TFI96	TFI96	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/18/95	09/27/97	09/27/97	09/29/97	09/29/97
LOCATION:	GS-13L	GS-13L	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		FPTB13L-07				LS3SB0020201
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL			360 U	400 U	330 U	330 U
4-CHLOROANILINE			360 U	400 U	330 U	330 U
4-CHLOROPHENYL PHENYL ETHER			360 U	400 U	330 U	330 U
4-METHYLPHENOL			360 U	400 U	330 U	330 U
4-NITROANILINE			910 U	1000 U	830 U	830 U
4-NITROPHENOL			910 U	1000 U	830 U	830 U
ACENAPHTHENE			360 U	21 J	17 J	330 U
ACENAPHTHYLENE			58 J	400 U	31 J	26 J
ANTHRACENE			51 J	69 J	34 J	27 J
BENZO(A)ANTHRACENE			440	210 J	200 J	140 J
BENZO(A)PYRENE			480 J	170 J	210 J	180 J
BENZO(B)FLUORANTHENE			510 J	270 J	240 J	260 J
BENZO(G,H,I)PERYLENE			210 J	190 J	170 J	330 UJ
BENZO(K)FLUORANTHENE			440 J	150 J	230 J	98 J
BIS(2-CHLOROETHOXY)METHANE			360 U	400 U	330 U	330 U
BIS(2-CHLOROETHYL)ETHER			360 U	400 U	330 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE			360 U	400 UJ	330 U	330 U
BUTYLBENZYL PHTHALATE			360 U	400 U	330 U	330 U
CARBAZOLE			360 U	46 J	22 J	330 U
CHRYSENE			380	180 J	230 J	200 J
DI-N-BUTYL PHTHALATE			360 U	400 U	330 U	330 U
DI-N-OCTYL PHTHALATE			360 UJ	400 UJ	330 UJ	330 UJ

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB13L-07	DUP17-111895	LS3SB0010201	LS3SB0010301	LS3SB0020201	SBFD010
DEPTH (feet):	7 - 7'	7 - 7'	2 - 4'	5 - 6'	2 - 3.5'	2 - 3.5'
INVESTIGATION:	TFI96	TFI96	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/18/95	09/27/97	09/27/97	09/29/97	09/29/97
LOCATION:	GS-13L	GS-13L	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		FPTB13L-07				LS3SB0020201
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE			150 J	66 J	93 J	150 J
DIBENZOFURAN			360 U	400 U	330 U	330 U
DIETHYL PHTHALATE			360 U	400 U	330 U	330 U
DIMETHYL PHTHALATE			360 U	400 U	330 U	330 U
FLUORANTHENE			450	420	250 J	180 J
FLUORENE			360 U	28 J	25 J	330 U
HEXACHLOROBENZENE			360 U	400 U	330 U	330 U
HEXACHLOROBUTADIENE			360 U	400 U	330 U	330 U
HEXACHLOROCYCLOPENTADIENE			360 U	400 U	330 U	330 U
HEXACHLOROETHANE			360 U	400 U	330 U	330 U
INDENO(1,2,3-CD)PYRENE			220 J	120 J	160 J	120 J
ISOPHORONE			360 U	400 U	330 U	330 U
N-NITROSO-DI-N-PROPYLAMINE			360 U	400 U	330 U	330 U
N-NITROSODIPHENYLAMINE			360 U	400 U	330 U	330 U
NAPHTHALENE			360 U	400 U	22 J	330 U
NITROBENZENE			360 U	400 U	330 U	330 U
PENTACHLOROPHENOL			910 U	1000 U	830 U	830 U
PHENANTHRENE			200 J	330 J	170 J	120 J
PHENOL			360 U	400 U	330 U	330 U
PYRENE			710	510	380	310 J
METALS (mg/kg)						
ALUMINUM			5430	5400	5530	5820

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB13L-07	DUP17-111895	LS3SB0010201	LS3SB0010301	LS3SB0020201	SBFD010
DEPTH (feet):	7 - 7'	7 - 7'	2 - 4'	5 - 6'	2 - 3.5'	2 - 3.5'
INVESTIGATION:	TFI96	TFI96	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/18/95	09/27/97	09/27/97	09/29/97	09/29/97
LOCATION:	GS-13L	GS-13L	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		FPTB13L-07				LS3SB0020201
METALS (mg/kg)						
ANTIMONY			1.1 J	0.45 UJ	0.64 J	0.42 UJ
ARSENIC			2.6	4.9	1.7	1.4
BARIUM			36.9	22.5	40.2	36.3
BERYLLIUM			0.23 J	0.23 J	0.15 U	0.20 U
CADMIUM			0.10 U	0.05 U	0.06 U	0.04 U
CALCIUM			806	920	1860	1000
CHROMIUM			11.1	11.4	16.5	12.1
COBALT			3.5	3.7	4.3	5.0
COPPER			15.9	17.0	25.4 U	28.4 U
IRON			7570	8420	8530	9040
LEAD			1390	207	512	513
MAGNESIUM			1980	1920	2660	2810
MANGANESE			128	290	160	139
MERCURY			0.23 J	0.05 J	0.05 J	0.02 J
NICKEL			9.3	7.8	9.2	10.1
POTASSIUM			1120	1080	1520	1660
SELENIUM			0.33 U	0.60 J	0.63 U	0.42 U
SILVER			0.45 U	0.19 U	0.48 U	0.43 U
SODIUM			167	353	173	174
THALLIUM			0.86 U	0.87 U	0.91 U	0.82 U
VANADIUM			14.6	14.8	24.5	24.8
ZINC			68.6	74.1	39.5	37.5

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB13L-07	DUP17-111895	LS3SB0010201	LS3SB0010301	LS3SB0020201	SBFD010
DEPTH (feet):	7 - 7'	7 - 7'	2 - 4'	5 - 6'	2 - 3.5'	2 - 3.5'
INVESTIGATION:	TFI96	TFI96	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/18/95	09/27/97	09/27/97	09/29/97	09/29/97
LOCATION:	GS-13L	GS-13L	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		FPTB13L-07				LS3SB0020201
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	20.7	18.6	930 J		1600 J	1000 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0020401	SB01-2.0	SB01-4.0	SB01-4.0-D	SB01-6.0	SB02-2.0
DEPTH (feet):	5 - 6'	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	1997RI	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	10/01/97	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	MW2-3RI	SB01	SB01	SB01	SB01	SB02
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:				SB01-4.0		
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	330 U					
1,2-DICHLOROBENZENE	330 U					
1,3-DICHLOROBENZENE	330 U					
1,4-DICHLOROBENZENE	330 U					
2,2'-OXYBIS(1-CHLOROPROPANE)	330 U					
2,4,5-TRICHLOROPHENOL	830 U					
2,4,6-TRICHLOROPHENOL	330 U					
2,4-DICHLOROPHENOL	330 U					
2,4-DIMETHYLPHENOL	330 U					
2,4-DINITROPHENOL	830 U					
2,4-DINITROTOLUENE	330 U					
2,6-DINITROTOLUENE	330 U					
2-CHLORONAPHTHALENE	330 U					
2-CHLOROPHENOL	330 U					
2-METHYLNAPHTHALENE	330 UJ					
2-METHYLPHENOL	330 U					
2-NITROANILINE	830 U					
2-NITROPHENOL	330 U					
3,3'-DICHLOROBENZIDINE	330 UJ					
3-NITROANILINE	830 U					
4,6-DINITRO-2-METHYLPHENOL	830 U					
4-BROMOPHENYL PHENYL ETHER	330 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0020401	SB01-2.0	SB01-4.0	SB01-4.0-D	SB01-6.0	SB02-2.0
DEPTH (feet):	5 - 6'	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	1997RI	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	10/01/97	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	MW2-3RI	SB01	SB01	SB01	SB01	SB02
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:				SB01-4.0		
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	330 U					
4-CHLOROANILINE	330 U					
4-CHLOROPHENYL PHENYL ETHER	330 U					
4-METHYLPHENOL	330 U					
4-NITROANILINE	830 U					
4-NITROPHENOL	830 U					
ACENAPHTHENE	330 U					
ACENAPHTHYLENE	330 U					
ANTHRACENE	330 U					
BENZO(A)ANTHRACENE	330 U					
BENZO(A)PYRENE	330 U					
BENZO(B)FLUORANTHENE	330 U					
BENZO(G,H,I)PERYLENE	330 U					
BENZO(K)FLUORANTHENE	330 U					
BIS(2-CHLOROETHOXY)METHANE	330 U					
BIS(2-CHLOROETHYL)ETHER	330 U					
BIS(2-ETHYLHEXYL)PHTHALATE	330 U					
BUTYLBENZYL PHTHALATE	330 U					
CARBAZOLE	330 U					
CHRYSENE	330 U					
DI-N-BUTYL PHTHALATE	330 U					
DI-N-OCTYL PHTHALATE	330 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0020401	SB01-2.0	SB01-4.0	SB01-4.0-D	SB01-6.0	SB02-2.0
DEPTH (feet):	5 - 6'	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	1997RI	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	10/01/97	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	MW2-3RI	SB01	SB01	SB01	SB01	SB02
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:				SB01-4.0		
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	330 U					
DIBENZOFURAN	330 U					
DIETHYL PHTHALATE	330 U					
DIMETHYL PHTHALATE	330 U					
FLUORANTHENE	330 U					
FLUORENE	330 U					
HEXACHLOROBENZENE	330 U					
HEXACHLOROBUTADIENE	330 U					
HEXACHLOROCYCLOPENTADIENE	330 U					
HEXACHLOROETHANE	330 U					
INDENO(1,2,3-CD)PYRENE	330 U					
ISOPHORONE	330 U					
N-NITROSO-DI-N-PROPYLAMINE	330 U					
N-NITROSODIPHENYLAMINE	330 U					
NAPHTHALENE	330 U					
NITROBENZENE	330 U					
PENTACHLOROPHENOL	830 U					
PHENANTHRENE	330 U					
PHENOL	330 U					
PYRENE	20 J					
METALS (mg/kg)						
ALUMINUM	3510					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0020401	SB01-2.0	SB01-4.0	SB01-4.0-D	SB01-6.0	SB02-2.0
DEPTH (feet):	5 - 6'	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	1997RI	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	10/01/97	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	MW2-3RI	SB01	SB01	SB01	SB01	SB02
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:				SB01-4.0		
METALS (mg/kg)						
ANTIMONY	0.45 UJ					
ARSENIC	1.1					
BARIUM	22.7					
BERYLLIUM	0.21 U					
CADMIUM	0.05 U					
CALCIUM	700					
CHROMIUM	6.1					
COBALT	2.5					
COPPER	7.6					
IRON	5100					
LEAD	207	1490 J	4330 J	1590 J	1180 J	3390 J
MAGNESIUM	1560					
MANGANESE	105					
MERCURY	0.01 UJ					
NICKEL	5.6					
POTASSIUM	1140					
SELENIUM	0.41 U					
SILVER	0.46 U					
SODIUM	161					
THALLIUM	0.87 U					
VANADIUM	9.7					
ZINC	18.4					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0020401	SB01-2.0	SB01-4.0	SB01-4.0-D	SB01-6.0	SB02-2.0
DEPTH (feet):	5 - 6'	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	1997RI	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	10/01/97	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	MW2-3RI	SB01	SB01	SB01	SB01	SB02
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:				SB01-4.0		
GENERAL CHEMISTRY						
PH		7.49	7.58	7.5	6.26	9.95

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB02-2.0-RCRA	SB02-4.0	SB02-4.0-D	SB02-6.0	SB03-2.0	SB03-4.0
DEPTH (feet):	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB02	SB02	SB02	SB02	SB03	SB03
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:			SB02-4.0			
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE		0.8 J	11 U			
1,1,2,2-TETRACHLOROETHANE		10 U	11 U			
1,1,2-TRICHLOROETHANE		10 U	11 U			
1,1-DICHLOROETHANE		10 U	11 U			
1,1-DICHLOROETHENE		3 J	0.6 J			
1,2-DICHLOROETHANE		10 U	11 U			
1,2-DICHLOROETHENE (TOTAL)		10 U	11 U			
1,2-DICHLOROPROPANE		10 U	11 U			
2-BUTANONE		7 J	2 J			
2-HEXANONE		10 UJ	11 U			
4-METHYL-2-PENTANONE		10 U	11 U			
ACETONE		120 U	55 U			
BENZENE		0.4 J	11 U			
BROMODICHLOROMETHANE		10 U	11 U			
BROMOFORM		10 U	11 U			
BROMOMETHANE		10 U	11 U			
CARBON DISULFIDE		10 U	11 U			
CARBON TETRACHLORIDE		10 U	11 U			
CHLOROBENZENE		10 UJ	11 U			
CHLOROETHANE		10 U	11 U			
CHLOROFORM		10 U	11 U			
CHLOROMETHANE		10 U	11 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB02-2 0-RCRA	SB02-4.0	SB02-4.0-D	SB02-6.0	SB03-2.0	SB03-4.0
DEPTH (feet):	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB02	SB02	SB02	SB02	SB03	SB03
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:			SB02-4.0			
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE		10 U	11 U			
DIBROMOCHLOROMETHANE		10 U	11 U			
ETHYLBENZENE		2 J	2 J			
METHYLENE CHLORIDE		39 J	9 J			
STYRENE		10 UJ	11 U			
TETRACHLOROETHENE		5 J	3 J			
TOLUENE		10 U	11 U			
TRANS-1,3-DICHLOROPROPENE		10 U	11 U			
TRICHLOROETHENE		10 U	11 U			
VINYL CHLORIDE		10 U	11 U			
XYLENES, TOTAL		15 J	9 J			
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE		31 J	350 U			
1,2-DICHLOROBENZENE		350 U	350 U			
1,3-DICHLOROBENZENE		350 U	350 U			
1,4-DICHLOROBENZENE		350 U	350 U			
2,4,5-TRICHLOROPHENOL		350 U	350 U			
2,4,6-TRICHLOROPHENOL		840 U	850 U			
2,4-DICHLOROPHENOL		350 U	350 U			
2,4-DIMETHYLPHENOL		350 U	350 U			
2,4-DINITROPHENOL		840 U	850 U			
2,4-DINITROTOLUENE		22 J	350 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB02-2.0-RCRA	SB02-4.0	SB02-4.0-D	SB02-6.0	SB03-2.0	SB03-4.0
DEPTH (feet):	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB02	SB02	SB02	SB02	SB03	SB03
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:			SB02-4.0			
SEMIVOLATILES (µg/kg)						
2,6-DINITROTOLUENE		350 U	350 U			
2-CHLORONAPHTHALENE		350 U	350 U			
2-CHLOROPHENOL		47 J	350 U			
2-METHYLNAPHTHALENE		23 J	42 J			
2-METHYLPHENOL		350 U	350 U			
2-NITROANILINE		350 U	350 U			
2-NITROPHENOL		350 U	350 U			
3,3'-DICHLOROBENZIDINE		350 U	350 U			
3-NITROANILINE		840 U	850 U			
4,6-DINITRO-2-METHYLPHENOL		840 U	850 U			
4-BROMOPHENYL PHENYL ETHER		350 U	350 U			
4-CHLORO-3-METHYLPHENOL		45 J	350 U			
4-CHLOROANILINE		350 U	350 U			
4-CHLOROPHENYL PHENYL ETHER		350 U	350 U			
4-METHYLPHENOL		350 U	350 U			
4-NITROANILINE		840 U	850 U			
4-NITROPHENOL		840 U	850 U			
ACENAPHTHENE		54 J	120 J			
ACENAPHTHYLENE		350 U	22 J			
ANTHRACENE		100 J	280 J			
BENZO(A)ANTHRACENE		260 J	530 J			
BENZO(A)PYRENE		250 J	460 J			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB02-2.0-RCRA	SB02-4.0	SB02-4.0-D	SB02-6.0	SB03-2.0	SB03-4.0
DEPTH (feet):	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB02	SB02	SB02	SB02	SB03	SB03
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:			SB02-4.0			
SEMIVOLATILES (µg/kg)						
BENZO(B)FLUORANTHENE		360 J	560 J			
BENZO(G,H,I)PERYLENE		88 J	120 J			
BENZO(K)FLUORANTHENE		310 J	510 J			
BIS(2-CHLOROETHOXY)METHANE		350 U	350 U			
BIS(2-CHLOROETHYL)ETHER		350 U	350 U			
BIS(2-CHLOROISOPROPYL) ETHER		350 U	350 U			
BIS(2-ETHYLHEXYL)PHTHALATE		350 U	350 U			
BUTYLBENZYL PHTHALATE		350 U	350 U			
CARBAZOLE		56 J	160 J			
CHRYSENE		330 J	610 J			
DI-N-BUTYL PHTHALATE		350 U	350 U			
DI-N-OCTYL PHTHALATE		350 UJ	350 UJ			
DIBENZO(A,H)ANTHRACENE		58 J	96 J			
DIBENZOFURAN		19 J	66 J			
DIETHYL PHTHALATE		350 U	350 U			
DIMETHYL PHTHALATE		840 U	850 U			
FLUORANTHENE		720 J	1400 J			
FLUORENE		26 J	92 J			
HEXACHLOROBENZENE		350 U	350 U			
HEXACHLOROBUTADIENE		350 U	350 U			
HEXACHLOROCYCLOPENTADIENE		350 U	350 U			
HEXACHLOROETHANE		350 U	350 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB02-2.0-RCRA	SB02-4.0	SB02-4.0-D	SB02-6.0	SB03-2.0	SB03-4.0
DEPTH (feet):	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB02	SB02	SB02	SB02	SB03	SB03
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:			SB02-4.0			
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE		160 J	290 J			
ISOPHORONE		350 U	350 U			
N-NITROSO-DI-N-PROPYLAMINE		350 U	350 U			
N-NITROSODIPHENYLAMINE		350 U	350 U			
NAPHTHALENE		350 U	350 U			
NITROBENZENE		350 U	350 U			
PENTACHLOROPHENOL		60 J	850 U			
PHENANTHRENE		410 J	1000 J			
PHENOL		350 U	350 U			
PYRENE		700 J	1500 J			
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD		3.5 U	3.5 UJ			
4,4'-DDE		3.5 U	3.5 UJ			
4,4'-DDT		6.21	4.8 J			
ALDRIN		1.8 U	1.8 UJ			
ALPHA-BHC		1.8 U	1.8 UJ			
ALPHA-CHLORDANE		1.8 U	1.8 UJ			
AROCLOR-1016		35 U	35 UJ			
AROCLOR-1221		71 U	71 UJ			
AROCLOR-1232		35 U	35 UJ			
AROCLOR-1242		35 U	35 UJ			
AROCLOR-1248		35 U	35 UJ			

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SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB02-2 0-RCRA	SB02-4 0	SB02-4.0-D	SB02-6.0	SB03-2.0	SB03-4.0
DEPTH (feet):	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB02	SB02	SB02	SB02	SB03	SB03
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:			SB02-4.0			
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254		35 U	35 UJ			
AROCLOR-1260		35 U	35 UJ			
BETA-BHC		1.8 U	1.8 UJ			
DELTA-BHC		1.8 U	1.8 UJ			
DIELDRIN		3.5 U	3.5 UJ			
ENDOSULFAN I		1.8 U	1.8 UJ			
ENDOSULFAN II		3.5 U	3.5 UJ			
ENDOSULFAN SULFATE		3.5 U	3.5 UJ			
ENDRIN		3.5 U	3.5 UJ			
ENDRIN ALDEHYDE		3.5 U	3.5 UJ			
ENDRIN KETONE		3.5 U	3.5 UJ			
GAMMA-BHC (LINDANE)		1.8 U	1.8 UJ			
GAMMA-CHLORDANE		1.8 U	1.8 UJ			
HEPTACHLOR		1.8 U	1.8 UJ			
HEPTACHLOR EPOXIDE		1.8 U	1.8 UJ			
METHOXYCHLOR		18 U	18 UJ			
TOXAPHENE		180 U	180 UJ			
METALS (mg/kg)						
ALUMINUM		9260	9240			
ANTIMONY		10.4	8.4			
ARSENIC	5 J	3	2.8			
BARIUM	57.5	55.6	55.8			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB02-2.0-RCRA	SB02-4.0	SB02-4.0-D	SB02-6.0	SB03-2.0	SB03-4.0
DEPTH (feet):	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB02	SB02	SB02	SB02	SB03	SB03
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:			SB02-4.0			
METALS (mg/kg)						
BERYLLIUM		0.32	0.34			
CADMIUM	0.46 U	1.4	0.48			
CALCIUM		3090	7390			
CHROMIUM	11.9	14.9	15.3			
COBALT		5.7	5.9			
COPPER		36.6	33.2			
CYANIDE		0.54 U	0.55 U			
IRON		10500	9990			
LEAD	5860	3160	2720	383 J	4790 J	5370 J
MAGNESIUM		2790	2670			
MANGANESE		192	175			
MERCURY	0.45 J	0.35	0.56			
NICKEL		9.9	10.3			
POTASSIUM		2080	1870			
SELENIUM	0.27 U	0.21 U	0.22 U			
SILVER	0.85 U	0.86 U	0.89 U			
SODIUM		644	886			
THALLIUM		0.43 U	0.44 U			
VANADIUM		20.3	19.8			
ZINC		648	184			
GENERAL CHEMISTRY						
PH		9.41	9.41	9.41	4.74	6.74

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB03-6 0	SB04-2.0	SB04-4.0	SB04-6.0	SB05-2.0	SB05-2.0-RCRA
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB03	SB04	SB04	SB04	SB05	SB05
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ARSENIC						4.8 J
BARIUM						37.1
CADMIUM						0.43 U
CHROMIUM						12.4
LEAD	106 J	492 J	177 J	301 J	11900 J	460
MERCURY						0.11 UJ
SELENIUM						0.21 UJ
SILVER						0.85 U
GENERAL CHEMISTRY						
PH	6.82	8.75	9.04	11.9	7.24	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB05-4.0	SB05-6.0	SB06-2.0	SB06-4.0	SB06-4.0-D	SB06-6.0
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	2 - 4'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB05	SB05	SB06	SB06	SB06	SB06
VALIDATED:				VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:					SB06-4.0	
METALS (mg/kg)						
LEAD	2990	670	5.9	19.3 U	4.8 U	134
GENERAL CHEMISTRY						
PH	7.45	6.44	6.49	6.27	6.64	6.5

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB07-2.0	SB07-4.0	SB07-6.0	SB08-2.0	SB08-4.0	SB08-6.0
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/24/93	02/24/93	02/24/93
LOCATION:	SB07	SB07	SB07	SB08	SB08	SB08
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:				EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	13.7	3.1	39.5	962	8.6	30
GENERAL CHEMISTRY						
PH	8.46	6.81	7.59	7.97	4.63	4.95

00033

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB09-2.0	SB09-4.0	SB09-6.0	SB10-2.0	SB10-4.0	SB10-6.0
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93
LOCATION:	SB09	SB09	SB09	SB10	SB10	SB10
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	27.5	9.8	14.6	7.9	13.7	9.1
GENERAL CHEMISTRY						
PH	8.96	5.54	6.43	7.67	4.6	4.8

00034

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB10-6.0-D	SB11-2.0	SB11-4.0	SB11-6.0	SB12-2.0	SB12-4.0
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93
LOCATION:	SB10	SB11	SB11	SB11	SB12	SB12
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED	EXCAVATED		
FIELD DUPLICATE OF:	SB10-6.0					
METALS (mg/kg)						
LEAD	8.76	9.7	8.4	799	2.8	2.9
GENERAL CHEMISTRY						
PH	4.7	6.16	5.84	11.2	7.7	9.65

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB12-6.0	SB13-2.0	SB13-2.0-D	SB13-4.0	SB13-6.0	SB14-2.0
DEPTH (feet):	4 - 6'	0 - 2'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/25/93
LOCATION:	SB12	SB13	SB13	SB13	SB13	SB14
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			SB13-2.0			
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE						11 U
1,1,2,2-TETRACHLOROETHANE						11 U
1,1,2-TRICHLOROETHANE						11 U
1,1-DICHLOROETHANE						11 U
1,1-DICHLOROETHENE						11 U
1,2-DICHLOROETHANE						11 U
1,2-DICHLOROETHENE (TOTAL)						11 U
1,2-DICHLOROPROPANE						11 U
2-BUTANONE						11 U
2-HEXANONE						11 U
4-METHYL-2-PENTANONE						11 U
ACETONE						130
BENZENE						11 U
BROMODICHLOROMETHANE						11 U
BROMOFORM						11 U
BROMOMETHANE						11 U
CARBON DISULFIDE						11 U
CARBON TETRACHLORIDE						11 U
CHLOROBENZENE						11 U
CHLOROETHANE						11 U
CHLOROFORM						1 J
CHLOROMETHANE						11 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB12-6.0	SB13-2 0	SB13-2.0-D	SB13-4.0	SB13-6.0	SB14-2.0
DEPTH (feet):	4 - 6'	0 - 2'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/25/93
LOCATION:	SB12	SB13	SB13	SB13	SB13	SB14
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			SB13-2.0			
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE						11 U
DIBROMOCHLOROMETHANE						11 U
ETHYLBENZENE						11 U
METHYLENE CHLORIDE						4 J
STYRENE						11 U
TETRACHLOROETHENE						11 U
TOLUENE						11 U
TRANS-1,3-DICHLOROPROPENE						11 U
TRICHLOROETHENE						11 U
VINYL CHLORIDE						11 U
XYLENES, TOTAL						11 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE						360 U
1,2-DICHLOROBENZENE						360 U
1,3-DICHLOROBENZENE						360 U
1,4-DICHLOROBENZENE						360 U
2,4,5-TRICHLOROPHENOL						880 U
2,4,6-TRICHLOROPHENOL						360 U
2,4-DICHLOROPHENOL						360 U
2,4-DIMETHYLPHENOL						360 U
2,4-DINITROPHENOL						880 U
2,4-DINITROTOLUENE						360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB12-6 0	SB13-2.0	SB13-2.0-D	SB13-4.0	SB13-6.0	SB14-2.0
DEPTH (feet):	4 - 6'	0 - 2'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/25/93
LOCATION:	SB12	SB13	SB13	SB13	SB13	SB14
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			SB13-2.0			
SEMIVOLATILES (µg/kg)						
2,6-DINITROTOLUENE						360 U
2-CHLORONAPHTHALENE						360 U
2-CHLOROPHENOL						360 U
2-METHYLNAPHTHALENE						360 U
2-METHYLPHENOL						360 U
2-NITROANILINE						880 U
2-NITROPHENOL						360 U
3,3'-DICHLOROBENZIDINE						360 U
3-NITROANILINE						880 U
4,6-DINITRO-2-METHYLPHENOL						880 U
4-BROMOPHENYL PHENYL ETHER						360 U
4-CHLORO-3-METHYLPHENOL						360 U
4-CHLOROANILINE						360 U
4-CHLOROPHENYL PHENYL ETHER						360 U
4-METHYLPHENOL						360 U
4-NITROANILINE						880 U
4-NITROPHENOL						880 U
ACENAPHTHENE						360 U
ACENAPHTHYLENE						360 U
ANTHRACENE						360 U
BENZO(A)ANTHRACENE						360 U
BENZO(A)PYRENE						360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB12-6.0	SB13-2.0	SB13-2.0-D	SB13-4.0	SB13-6.0	SB14-2.0
DEPTH (feet):	4 - 6'	0 - 2'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/25/93
LOCATION:	SB12	SB13	SB13	SB13	SB13	SB14
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			SB13-2.0			
SEMIVOLATILES (µg/kg)						
BENZO(B)FLUORANTHENE						360 U
BENZO(G,H,I)PERYLENE						360 U
BENZO(K)FLUORANTHENE						360 U
BIS(2-CHLOROETHOXY)METHANE						360 U
BIS(2-CHLOROETHYL)ETHER						360 U
BIS(2-CHLOROISOPROPYL) ETHER						360 U
BIS(2-ETHYLHEXYL)PHTHALATE						160 J
BUTYLBENZYL PHTHALATE						360 U
CARBAZOLE						360 U
CHRYSENE						360 U
DI-N-BUTYL PHTHALATE						360 U
DI-N-OCTYL PHTHALATE						360 U
DIBENZO(A,H)ANTHRACENE						360 U
DIBENZOFURAN						360 U
DIETHYL PHTHALATE						360 U
DIMETHYL PHTHALATE						360 U
FLUORANTHENE						360 U
FLUORENE						360 U
HEXACHLOROBENZENE						360 U
HEXACHLOROBUTADIENE						360 U
HEXACHLOROCYCLOPENTADIENE						360 U
HEXACHLOROETHANE						360 U

00039

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB12-6.0	SB13-2.0	SB13-2.0-D	SB13-4.0	SB13-6.0	SB14-2.0
DEPTH (feet):	4 - 6'	0 - 2'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/25/93
LOCATION:	SB12	SB13	SB13	SB13	SB13	SB14
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			SB13-2.0			
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE						360 U
ISOPHORONE						360 U
N-NITROSO-DI-N-PROPYLAMINE						360 U
N-NITROSODIPHENYLAMINE						360 U
NAPHTHALENE						360 U
NITROBENZENE						360 U
PENTACHLOROPHENOL						880 U
PHENANTHRENE						360 U
PHENOL						360 U
PYRENE						360 U
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD						3.6 U
4,4'-DDE						3.6 U
4,4'-DDT						3.6 U
ALDRIN						1.9 U
ALPHA-BHC						1.9 U
ALPHA-CHLORDANE						1.9 U
AROCLOR-1016						36 U
AROCLOR-1221						74 U
AROCLOR-1232						36 U
AROCLOR-1242						36 U
AROCLOR-1248						36 U

00040

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB12-6.0	SB13-2.0	SB13-2.0-D	SB13-4.0	SB13-6.0	SB14-2.0
DEPTH (feet):	4 - 6'	0 - 2'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/25/93
LOCATION:	SB12	SB13	SB13	SB13	SB13	SB14
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			SB13-2.0			
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254						36 U
AROCLOR-1260						36 U
BETA-BHC						1.9 U
DELTA-BHC						1.9 U
DIELDRIN						3.6 U
ENDOSULFAN I						1.9 U
ENDOSULFAN II						3.6 U
ENDOSULFAN SULFATE						3.6 U
ENDRIN						3.6 U
ENDRIN ALDEHYDE						3.6 U
ENDRIN KETONE						3.6 U
GAMMA-BHC (LINDANE)						1.9 U
GAMMA-CHLORDANE						1.9 U
HEPTACHLOR						1.9 U
HEPTACHLOR EPOXIDE						1.9 U
METHOXYCHLOR						19 U
TOXAPHENE						190 U
METALS (mg/kg)						
ALUMINUM						8790
ANTIMONY						5.2 U
ARSENIC						2.2
BARIUM						43.8

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB12-6 0	SB13-2.0	SB13-2.0-D	SB13-4.0	SB13-6.0	SB14-2.0
DEPTH (feet):	4 - 6'	0 - 2'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/25/93
LOCATION:	SB12	SB13	SB13	SB13	SB13	SB14
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			SB13-2.0			
METALS (mg/kg)						
BERYLLIUM						0.38
CADMIUM						0.46
CALCIUM						2500
CHROMIUM						16.9
COBALT						5
COPPER						12
CYANIDE						0.54 U
IRON						9440
LEAD	8.8	186	463	32.6	42.9	3.1
MAGNESIUM						3260
MANGANESE						155
MERCURY						0.11 U
NICKEL						13.4
POTASSIUM						2130
SELENIUM						0.22 U
SILVER						1.7 U
SODIUM						474
THALLIUM						0.43 U
VANADIUM						18.9
ZINC						20.4
GENERAL CHEMISTRY						
PH	8.83	8.78	8.67	8.71	10.1	10.4

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB14-4.0	SB14-6.0	SB15-2.0	SB15-4.0	SB15-6.0	SB16-2.0
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB14	SB14	SB15	SB15	SB15	SB16
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						EXCAVATED
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	6.3	5.1	69.2	44.5	40	1060
GENERAL CHEMISTRY						
PH	11.8	10.8	7.1	4.4	5.24	7.79

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB16-4 0	SB16-6.0	SB17-2.0	SB17-4.0	SB17-6.0	SB18-2.0
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/24/93	02/24/93	02/24/93	02/25/93
LOCATION:	SB16	SB16	SB17	SB17	SB17	SB18
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED		EXCAVATED	EXCAVATED		EXCAVATED
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	713	339	25	77.3	302	39.1
GENERAL CHEMISTRY						
PH	7.31	4.86	6.69	5.67	7.83	4.64

00044

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB18-4.0	SB18-6.0	SB18-6.0-RCRA	SB19-2.0	SB19-4.0	SB19-6.0
DEPTH (feet):	2 - 4'	4 - 6'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB18	SB18	SB18	SB19	SB19	SB19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	4 J					
1,1,2,2-TETRACHLOROETHANE	10 U					
1,1,2-TRICHLOROETHANE	10 U					
1,1-DICHLOROETHANE	10 U					
1,1-DICHLOROETHENE	10 U					
1,2-DICHLOROETHANE	10 U					
1,2-DICHLOROETHENE (TOTAL)	10 U					
1,2-DICHLOROPROPANE	10 U					
2-BUTANONE	10 U					
2-HEXANONE	10 U					
4-METHYL-2-PENTANONE	1 J					
ACETONE	83					
BENZENE	10 U					
BROMODICHLOROMETHANE	10 U					
BROMOFORM	10 U					
BROMOMETHANE	10 U					
CARBON DISULFIDE	10 U					
CARBON TETRACHLORIDE	10 U					
CHLOROBENZENE	10 U					
CHLOROETHANE	10 U					
CHLOROFORM	10 U					
CHLOROMETHANE	10 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB18-4.0	SB18-6.0	SB18-6.0-RCRA	SB19-2.0	SB19-4.0	SB19-6.0
DEPTH (feet):	2 - 4'	4 - 6'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB18	SB18	SB18	SB19	SB19	SB19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	10 U					
DIBROMOCHLOROMETHANE	10 U					
ETHYLBENZENE	10 U					
METHYLENE CHLORIDE	5 J					
STYRENE	10 U					
TETRACHLOROETHENE	2 J					
TOLUENE	1 J					
TRANS-1,3-DICHLOROPROPENE	10 U					
TRICHLOROETHENE	10 U					
VINYL CHLORIDE	10 U					
XYLENES, TOTAL	11					
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	340 U					
1,2-DICHLOROBENZENE	340 U					
1,3-DICHLOROBENZENE	340 U					
1,4-DICHLOROBENZENE	340 U					
2,4,5-TRICHLOROPHENOL	830 U					
2,4,6-TRICHLOROPHENOL	340 U					
2,4-DICHLOROPHENOL	340 U					
2,4-DIMETHYLPHENOL	340 U					
2,4-DINITROPHENOL	830 U					
2,4-DINITROTOLUENE	340 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB18-4.0	SB18-6.0	SB18-6.0-RCRA	SB19-2.0	SB19-4.0	SB19-6.0
DEPTH (feet):	2 - 4'	4 - 6'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB18	SB18	SB18	SB19	SB19	SB19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,6-DINITROTOLUENE	340 U					
2-CHLORONAPHTHALENE	340 U					
2-CHLOROPHENOL	340 U					
2-METHYLNAPHTHALENE	340 U					
2-METHYLPHENOL	340 U					
2-NITROANILINE	830 U					
2-NITROPHENOL	340 U					
3,3'-DICHLOROBENZIDINE	340 U					
3-NITROANILINE	830 U					
4,6-DINITRO-2-METHYLPHENOL	830 U					
4-BROMOPHENYL PHENYL ETHER	340 U					
4-CHLORO-3-METHYLPHENOL	340 U					
4-CHLOROANILINE	340 U					
4-CHLOROPHENYL PHENYL ETHER	340 U					
4-METHYLPHENOL	340 U					
4-NITROANILINE	830 U					
4-NITROPHENOL	830 U					
ACENAPHTHENE	340 U					
ACENAPHTHYLENE	340 U					
ANTHRACENE	340 U					
BENZO(A)ANTHRACENE	340 U					
BENZO(A)PYRENE	340 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB18-4 0	SB18-6.0	SB18-6.0-RCRA	SB19-2.0	SB19-4.0	SB19-6.0
DEPTH (feet):	2 - 4'	4 - 6'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB18	SB18	SB18	SB19	SB19	SB19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(B)FLUORANTHENE	340 U					
BENZO(G,H,I)PERYLENE	340 U					
BENZO(K)FLUORANTHENE	340 U					
BIS(2-CHLOROETHOXY)METHANE	340 U					
BIS(2-CHLOROETHYL)ETHER	340 U					
BIS(2-CHLOROISOPROPYL) ETHER	340 U					
BIS(2-ETHYLHEXYL)PHTHALATE	150 J					
BUTYLBENZYL PHTHALATE	340 U					
CARBAZOLE	340 U					
CHRYSENE	340 U					
DI-N-BUTYL PHTHALATE	19 J					
DI-N-OCTYL PHTHALATE	18 J					
DIBENZO(A,H)ANTHRACENE	340 U					
DIBENZOFURAN	340 U					
DIETHYL PHTHALATE	340 U					
DIMETHYL PHTHALATE	340 U					
FLUORANTHENE	340 U					
FLUORENE	340 U					
HEXACHLOROBENZENE	340 U					
HEXACHLOROBUTADIENE	340 U					
HEXACHLOROCYCLOPENTADIENE	340 U					
HEXACHLOROETHANE	340 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB18-4.0	SB18-6.0	SB18-6.0-RCRA	SB19-2.0	SB19-4.0	SB19-6.0
DEPTH (feet):	2 - 4'	4 - 6'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB18	SB18	SB18	SB19	SB19	SB19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	340 U					
ISOPHORONE	340 U					
N-NITROSO-DI-N-PROPYLAMINE	340 U					
N-NITROSODIPHENYLAMINE	340 U					
NAPHTHALENE	340 U					
NITROBENZENE	340 U					
PENTACHLOROPHENOL	830 U					
PHENANTHRENE	340 U					
PHENOL	340 U					
PYRENE	340 U					
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	3.4 U					
4,4'-DDE	3.4 U					
4,4'-DDT	3.4 U					
ALDRIN	1.8 U					
ALPHA-BHC	1.8 U					
ALPHA-CHLORDANE	1.8 U					
AROCLOR-1016	34 U					
AROCLOR-1221	70 U					
AROCLOR-1232	34 U					
AROCLOR-1242	34 U					
AROCLOR-1248	34 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB18-4.0	SB18-6.0	SB18-6.0-RCRA	SB19-2.0	SB19-4.0	SB19-6.0
DEPTH (feet):	2 - 4'	4 - 6'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB18	SB18	SB18	SB19	SB19	SB19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	34 U					
AROCLOR-1260	34 U					
BETA-BHC	1.8 U					
DELTA-BHC	1.8 U					
DIELDRIN	75 D					
ENDOSULFAN I	1.8 U					
ENDOSULFAN II	3.4 U					
ENDOSULFAN SULFATE	3.4 U					
ENDRIN	3.4 U					
ENDRIN ALDEHYDE	3.4 U					
ENDRIN KETONE	3.4 U					
GAMMA-BHC (LINDANE)	1.8 U					
GAMMA-CHLORDANE	1.8 U					
HEPTACHLOR	1.8 U					
HEPTACHLOR EPOXIDE	1.8 U					
METHOXYCHLOR	18 U					
TOXAPHENE	180 U					
METALS (mg/kg)						
ALUMINUM	10800					
ANTIMONY	5.4					
ARSENIC	1.3		2.5 J			
BARIUM	52.9		46.5			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB18-4.0	SB18-6.0	SB18-6.0-RCRA	SB19-2.0	SB19-4.0	SB19-6.0
DEPTH (feet):	2 - 4'	4 - 6'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB18	SB18	SB18	SB19	SB19	SB19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
METALS (mg/kg)						
BERYLLIUM	0.36					
CADMIUM	0.69 U		0.43 U			
CALCIUM	3060					
CHROMIUM	14.7		12.5			
COBALT	4.1					
COPPER	65.6					
CYANIDE	0.58 U					
IRON	12500					
LEAD	53.9	9470 J	689	9.7	15.7	144
MAGNESIUM	3310					
MANGANESE	188					
MERCURY	0.13		0.11 UJ			
NICKEL	11.2					
POTASSIUM	958					
SELENIUM	0.23 U		0.21 UJ			
SILVER	2.5		0.86 U			
SODIUM	269					
THALLIUM	0.69 U					
VANADIUM	26.2					
ZINC	24.1					
GENERAL CHEMISTRY						
PH	4.53	5.8		5.11	5.39	11

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB20-2.0	SB20-4.0	SB20-4.0-D	SB20-6.0	SB21-2.0	SB21-4.0
DEPTH (feet):	0 - 2'	2 - 4'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB20	SB20	SB20	SB20	SB21	SB21
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			SB20-4.0			
METALS (mg/kg)						
LEAD	229	26.4	25.8	49.8	69.8	9.3
GENERAL CHEMISTRY						
PH	11	8.67	9.2	9.59	11.6	11.7

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB21-6.0	SB22-2.0	SB22-4.0	SB22-6.0	SB23-2.0	SB23-4.0
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/24/93	02/24/93
LOCATION:	SB21	SB22	SB22	SB22	SB23	SB23
VALIDATED:				VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE				6 J		
1,1,2,2-TETRACHLOROETHANE				12 U		
1,1,2-TRICHLOROETHANE				12 U		
1,1-DICHLOROETHANE				12 U		
1,1-DICHLOROETHENE				12 U		
1,2-DICHLOROETHANE				12 U		
1,2-DICHLOROETHENE (TOTAL)				12 U		
1,2-DICHLOROPROPANE				12 U		
2-BUTANONE				12 U		
2-HEXANONE				12 U		
4-METHYL-2-PENTANONE				12 U		
ACETONE				84		
BENZENE				12 U		
BROMODICHLOROMETHANE				12 U		
BROMOFORM				12 U		
BROMOMETHANE				12 U		
CARBON DISULFIDE				12 U		
CARBON TETRACHLORIDE				12 U		
CHLOROBENZENE				12 U		
CHLOROETHANE				12 U		
CHLOROFORM				12 U		
CHLOROMETHANE				12 U		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB21-6.0	SB22-2.0	SB22-4.0	SB22-6.0	SB23-2.0	SB23-4.0
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/24/93	02/24/93
LOCATION:	SB21	SB22	SB22	SB22	SB23	SB23
VALIDATED:				VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE				12 U		
DIBROMOCHLOROMETHANE				12 U		
ETHYLBENZENE				12 U		
METHYLENE CHLORIDE				3 J		
STYRENE				12 U		
TETRACHLOROETHENE				1 J		
TOLUENE				0.8 J		
TRANS-1,3-DICHLOROPROPENE				12 U		
TRICHLOROETHENE				12 U		
VINYL CHLORIDE				12 U		
XYLENES, TOTAL				1 J		
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE				380 U		
1,2-DICHLOROBENZENE				380 U		
1,3-DICHLOROBENZENE				380 U		
1,4-DICHLOROBENZENE				380 U		
2,4,5-TRICHLOROPHENOL				930 U		
2,4,6-TRICHLOROPHENOL				380 U		
2,4-DICHLOROPHENOL				380 U		
2,4-DIMETHYLPHENOL				380 U		
2,4-DINITROPHENOL				930 U		
2,4-DINITROTOLUENE				380 U		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB21-6.0	SB22-2.0	SB22-4.0	SB22-6.0	SB23-2.0	SB23-4.0
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/24/93	02/24/93
LOCATION:	SB21	SB22	SB22	SB22	SB23	SB23
VALIDATED:				VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,6-DINITROTOLUENE				380 U		
2-CHLORONAPHTHALENE				380 U		
2-CHLOROPHENOL				380 U		
2-METHYLNAPHTHALENE				380 U		
2-METHYLPHENOL				380 U		
2-NITROANILINE				930 U		
2-NITROPHENOL				380 U		
3,3'-DICHLOROBENZIDINE				380 U		
3-NITROANILINE				930 U		
4,6-DINITRO-2-METHYLPHENOL				930 U		
4-BROMOPHENYL PHENYL ETHER				380 U		
4-CHLORO-3-METHYLPHENOL				380 U		
4-CHLOROANILINE				380 U		
4-CHLOROPHENYL PHENYL ETHER				380 U		
4-METHYLPHENOL				380 U		
4-NITROANILINE				930 U		
4-NITROPHENOL				930 U		
ACENAPHTHENE				380 U		
ACENAPHTHYLENE				380 U		
ANTHRACENE				34 J		
BENZO(A)ANTHRACENE				21 J		
BENZO(A)PYRENE				380 U		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB21-6.0	SB22-2.0	SB22-4.0	SB22-6.0	SB23-2.0	SB23-4.0
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/24/93	02/24/93
LOCATION:	SB21	SB22	SB22	SB22	SB23	SB23
VALIDATED:				VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(B)FLUORANTHENE				380 U		
BENZO(G,H,I)PERYLENE				380 U		
BENZO(K)FLUORANTHENE				380 U		
BIS(2-CHLOROETHOXY)METHANE				380 U		
BIS(2-CHLOROETHYL)ETHER				380 U		
BIS(2-CHLOROISOPROPYL) ETHER				380 U		
BIS(2-ETHYLHEXYL)PHTHALATE				260 J		
BUTYLBENZYL PHTHALATE				380 U		
CARBAZOLE				380 U		
CHRYSENE				26 J		
DI-N-BUTYL PHTHALATE				20 J		
DI-N-OCTYL PHTHALATE				380 U		
DIBENZO(A,H)ANTHRACENE				380 U		
DIBENZOFURAN				38 J		
DIETHYL PHTHALATE				380 U		
DIMETHYL PHTHALATE				380 U		
FLUORANTHENE				89 J		
FLUORENE				380 U		
HEXACHLOROBENZENE				380 U		
HEXACHLOROBUTADIENE				380 U		
HEXACHLOROCYCLOPENTADIENE				380 U		
HEXACHLOROETHANE				380 U		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB21-6.0	SB22-2.0	SB22-4.0	SB22-6.0	SB23-2.0	SB23-4.0
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/24/93	02/24/93
LOCATION:	SB21	SB22	SB22	SB22	SB23	SB23
VALIDATED:				VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE				380 U		
ISOPHORONE				380 U		
N-NITROSO-DI-N-PROPYLAMINE				380 U		
N-NITROSODIPHENYLAMINE				380 U		
NAPHTHALENE				380 U		
NITROBENZENE				380 U		
PENTACHLOROPHENOL				930 U		
PHENANTHRENE				140 J		
PHENOL				380 U		
PYRENE				61 J		
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD				3.8 U		
4,4'-DDE				3.8 U		
4,4'-DDT				3.8 U		
ALDRIN				2 U		
ALPHA-BHC				2 U		
ALPHA-CHLORDANE				2 U		
AROCLOR-1016				38 U		
AROCLOR-1221				78 U		
AROCLOR-1232				38 U		
AROCLOR-1242				38 U		
AROCLOR-1248				38 U		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB21-6.0	SB22-2.0	SB22-4.0	SB22-6.0	SB23-2.0	SB23-4.0
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/24/93	02/24/93
LOCATION:	SB21	SB22	SB22	SB22	SB23	SB23
VALIDATED:				VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254				38 U		
AROCLOR-1260				38 U		
BETA-BHC				2 U		
DELTA-BHC				2 U		
DIELDRIN				3.8 U		
ENDOSULFAN I				2 U		
ENDOSULFAN II				3.8 U		
ENDOSULFAN SULFATE				3.8 U		
ENDRIN				3.8 U		
ENDRIN ALDEHYDE				3.8 U		
ENDRIN KETONE				3.8 U		
GAMMA-BHC (LINDANE)				2 U		
GAMMA-CHLORDANE				2 U		
HEPTACHLOR				2 U		
HEPTACHLOR EPOXIDE				2 U		
METHOXYCHLOR				20 U		
TOXAPHENE				200 U		
METALS (mg/kg)						
ALUMINUM				7220		
ANTIMONY				3.6 U		
ARSENIC				1.6		
BARIUM				37.9		

00058

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB21-6.0	SB22-2.0	SB22-4.0	SB22-6.0	SB23-2.0	SB23-4.0
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/24/93	02/24/93
LOCATION:	SB21	SB22	SB22	SB22	SB23	SB23
VALIDATED:				VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
BERYLLIUM				0.22 U		
CADMIUM				0.67 U		
CALCIUM				13800		
CHROMIUM				10.5		
COBALT				3.7		
COPPER				12.4		
CYANIDE				0.56 U		
IRON				7560		
LEAD	6.8	5.4	8.1	32.6	2.8	6.7
MAGNESIUM				2660		
MANGANESE				158		
MERCURY				0.11 U		
NICKEL				5.2		
POTASSIUM				1280		
SELENIUM				0.22 U		
SILVER				1.7		
SODIUM				530		
THALLIUM				0.67 U		
VANADIUM				14.7		
ZINC				49.9		
GENERAL CHEMISTRY						
PH	10.9	10.8	11.5	11.7	4.51	4.16

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB23-6.0	SB24-2.0	SB24-4.0	SB24-6.0	SB25-2.0	SB25-4.0
DEPTH (feet):	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93
LOCATION:	SB23	SB24	SB24	SB24	SB25	SB25
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	7.7	16900	4550	4.9	389	26.8
GENERAL CHEMISTRY						
PH	4.47	6.45	5.16	4.23	7.8	8.84

09000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB25-4 0-D	SB25-6.0	SB26-2.0	SB26-4.0	SB26-6.0	SB27-2.0
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	2 - 4'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93
LOCATION:	SB25	SB25	SB26	SB26	SB26	SB27
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	SB25-4.0					
METALS (mg/kg)						
LEAD	351	7	30.1	3	25.4	19.8
GENERAL CHEMISTRY						
PH	8.83	4.56	11.5	10.1	11.6	11.1

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB27-4.0	SB27-6.0	SB28-2.0	SB28-2.0-RCRA	SB28-4.0	SB29-2.0
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	0 - 2'	2 - 4'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/26/93	02/26/93	02/26/93	02/26/93
LOCATION:	SB27	SB27	SB28	SB28	SB28	SB29
VALIDATED:			VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:			EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ARSENIC				4.6 J		
BARIUM				35.8		
CADMIUM				0.42 U		
CHROMIUM				11.5		
LEAD	4	3.5	5840	8840	3330	723
MERCURY				0.12 J		
SELENIUM				0.5 U		
SILVER				0.85 U		
GENERAL CHEMISTRY						
PH	10.9	7.37	6.78		7.2	6.59

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB29-2 0-D	SB29-4.0	SB29-6.0	SB30-2.0	SB30-4.0	SB30-6.0
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	0 - 2'	2 - 4'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/26/93	02/26/93	02/26/93	02/26/93	02/26/93	02/26/93
LOCATION:	SB29	SB29	SB29	SB30	SB30	SB30
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED					
FIELD DUPLICATE OF:	SB29-2.0					
METALS (mg/kg)						
LEAD	556	238	127	413	163	57.2
GENERAL CHEMISTRY						
PH	6.56	6.9	7.46	6.45	7.04	7.84

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB31-2.0	SB31-2.0-D	SB32-2.0	SB33-2.0	S001-1.0-CLP	S002-1.0-CLP
DEPTH (feet):	0 - 2'	0 - 2'	0 - 2'	0 - 2'	0 - 1'	0 - 1'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/26/93	02/26/93	02/26/93	02/26/93	02/15/93	02/15/93
LOCATION:	SB31	SB31	SB32	SB33	SO01	SO02
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED			EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:		SB31-2.0				
METALS (mg/kg)						
LEAD	2330	1980	31.4	123	4640	2030
GENERAL CHEMISTRY						
PH	8.11	8 17	7.75	9.63		

0064

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	S003-1.0-CLP	S003-1.0-CLP-D	LS3SB0030101	LS3SB0030201	LS3SB0040101	SBFD002
DEPTH (feet):	0 - 1'	0 - 1'	2 - 4'	4 - 7'	2 - 3'	2 - 3'
INVESTIGATION:	AMB31	AMB31	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	02/15/93	02/15/93	09/23/97	09/23/97	09/23/97	09/23/97
LOCATION:	SO03	SO03	TB3-3RI	TB3-3RI	TB4-3RI	TB4-3RI
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:		S003-1.0				LS3SB0040101
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE			430 U	360 U	360 U	360 U
1,2-DICHLOROBENZENE			430 U	360 U	360 U	360 U
1,3-DICHLOROBENZENE			430 U	360 U	360 U	360 U
1,4-DICHLOROBENZENE			430 U	360 U	360 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)			430 U	360 U	360 U	360 U
2,4,5-TRICHLOROPHENOL			1100 U	910 U	910 U	910 U
2,4,6-TRICHLOROPHENOL			430 U	360 U	360 U	360 U
2,4-DICHLOROPHENOL			430 U	360 U	360 U	360 U
2,4-DIMETHYLPHENOL			430 U	360 U	360 U	360 U
2,4-DINITROPHENOL			1100 U	910 U	910 U	910 U
2,4-DINITROTOLUENE			430 U	360 U	360 U	360 U
2,6-DINITROTOLUENE			430 U	360 U	360 U	360 U
2-CHLORONAPHTHALENE			430 U	360 U	360 U	360 U
2-CHLOROPHENOL			430 U	360 U	360 U	360 U
2-METHYLNAPHTHALENE			430 U	360 U	360 U	37 J
2-METHYLPHENOL			430 U	360 U	360 U	360 U
2-NITROANILINE			1100 U	910 U	910 U	910 U
2-NITROPHENOL			430 U	360 U	360 U	360 U
3,3'-DICHLOROBENZIDINE			430 U	360 U	360 U	360 U
3-NITROANILINE			1100 U	910 U	910 U	910 U
4,6-DINITRO-2-METHYLPHENOL			1100 U	910 U	910 U	910 U
4-BROMOPHENYL PHENYL ETHER			430 U	360 U	360 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	S003-1 0-CLP	S003-1.0-CLP-D	LS3SB0030101	LS3SB0030201	LS3SB0040101	SBFD002
DEPTH (feet):	0 - 1'	0 - 1'	2 - 4'	4 - 7'	2 - 3'	2 - 3'
INVESTIGATION:	AMB31	AMB31	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	02/15/93	02/15/93	09/23/97	09/23/97	09/23/97	09/23/97
LOCATION:	SO03	SO03	TB3-3RI	TB3-3RI	TB4-3RI	TB4-3RI
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:		S003-1.0				LS3SB0040101
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL			430 U	360 U	360 U	360 U
4-CHLOROANILINE			430 U	360 U	360 U	360 U
4-CHLOROPHENYL PHENYL ETHER			430 U	360 U	360 U	360 U
4-METHYLPHENOL			430 U	360 U	360 U	360 U
4-NITROANILINE			1100 U	910 U	910 U	910 UJ
4-NITROPHENOL			1100 U	910 U	910 U	910 UJ
ACENAPHTHENE			430 U	360 U	33 J	360 U
ACENAPHTHYLENE			430 U	360 U	360 U	340 J
ANTHRACENE			430 U	360 U	48 J	130 J
BENZO(A)ANTHRACENE			430 U	120 J	180 J	1500 J
BENZO(A)PYRENE			23 J	140 J	210 J	1000 J
BENZO(B)FLUORANTHENE			25 J	150 J	230 J	1300 J
BENZO(G,H,I)PERYLENE			27 J	110 J	170 J	850 J
BENZO(K)FLUORANTHENE			430 U	81 J	150 J	740 J
BIS(2-CHLOROETHOXY)METHANE			430 U	360 U	360 U	360 U
BIS(2-CHLOROETHYL)ETHER			430 U	360 U	360 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE			430 U	360 U	360 U	360 J
BUTYLBENZYL PHTHALATE			430 U	360 U	360 U	360 U
CARBAZOLE			430 U	360 U	30 J	34 J
CHRYSENE			24 J	130 J	190 J	1400 J
DI-N-BUTYL PHTHALATE			430 U	360 U	360 U	360 U
DI-N-OCTYL PHTHALATE			430 U	360 U	360 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	S003-1 0-CLP	S003-1 0-CLP-D	LS3SB0030101	LS3SB0030201	LS3SB0040101	SBFD002
DEPTH (feet):	0 - 1'	0 - 1'	2 - 4'	4 - 7'	2 - 3'	2 - 3'
INVESTIGATION:	AMB31	AMB31	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	02/15/93	02/15/93	09/23/97	09/23/97	09/23/97	09/23/97
LOCATION:	SO03	SO03	TB3-3RI	TB3-3RI	TB4-3RI	TB4-3RI
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:		S003-1.0				LS3SB0040101
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE			430 U	51 J	79 J	400 J
DIBENZOFURAN			430 U	360 U	360 U	360 U
DIETHYL PHTHALATE			430 U	360 U	360 U	20 J
DIMETHYL PHTHALATE			430 U	360 U	360 U	360 U
FLUORANTHENE			33 J	150 J	360	2200 J
FLUORENE			430 U	360 U	26 J	64 J
HEXACHLOROBENZENE			430 U	360 U	360 U	360 U
HEXACHLOROBUTADIENE			430 U	360 U	360 U	360 U
HEXACHLOROCYCLOPENTADIENE			430 U	360 U	360 U	360 U
HEXACHLOROETHANE			430 U	360 U	360 U	360 U
INDENO(1,2,3-CD)PYRENE			23 J	100 J	160 J	870 J
ISOPHORONE			430 U	360 U	360 U	360 U
N-NITROSO-DI-N-PROPYLAMINE			430 U	360 U	360 U	360 U
N-NITROSODIPHENYLAMINE			430 U	360 U	360 U	360 U
NAPHTHALENE			430 U	360 U	360 U	360 U
NITROBENZENE			430 U	360 U	360 U	360 U
PENTACHLOROPHENOL			1100 U	910 U	910 U	910 U
PHENANTHRENE			430 U	360 U	250 J	910 J
PHENOL			430 U	360 U	360 U	360 U
PYRENE			33 J	150 J	380	2500
METALS (mg/kg)						
LEAD	2290	2300				

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	S003-1.0-CLP	S003-1.0-CLP-D	LS3SB0030101	LS3SB0030201	LS3SB0040101	SBFD002
DEPTH (feet):	0 - 1'	0 - 1'	2 - 4'	4 - 7'	2 - 3'	2 - 3'
INVESTIGATION:	AMB31	AMB31	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	02/15/93	02/15/93	09/23/97	09/23/97	09/23/97	09/23/97
LOCATION:	SO03	SO03	TB3-3RI	TB3-3RI	TB4-3RI	TB4-3RI
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:		S003-1.0				LS3SB0040101
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH					610	

89008

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0040201	LS3SB0050101	LS3SB0050201			
DEPTH (feet):	6.5 - 7.5'	2 - 3.5'	5 - 5.5'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	09/23/97	09/25/97	09/25/97	/ /	/ /	/ /
LOCATION:	TB4-3RI	TB5-3RI	TB5-3RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	330 U	360 U	360 U			
1,2-DICHLOROBENZENE	330 U	360 U	360 U			
1,3-DICHLOROBENZENE	330 U	360 U	360 U			
1,4-DICHLOROBENZENE	330 U	360 U	360 U			
2,2'-OXYBIS(1-CHLOROPROPANE)	330 U	360 U	360 U			
2,4,5-TRICHLOROPHENOL	830 U	910 U	910 U			
2,4,6-TRICHLOROPHENOL	330 U	360 U	360 U			
2,4-DICHLOROPHENOL	330 U	360 U	360 U			
2,4-DIMETHYLPHENOL	330 U	360 U	360 U			
2,4-DINITROPHENOL	830 U	910 U	910 U			
2,4-DINITROTOLUENE	330 U	360 U	360 U			
2,6-DINITROTOLUENE	330 U	360 U	360 U			
2-CHLORONAPHTHALENE	330 U	360 U	360 U			
2-CHLOROPHENOL	330 U	360 U	360 U			
2-METHYLNAPHTHALENE	25 J	360 U	300 J			
2-METHYLPHENOL	330 U	360 U	360 U			
2-NITROANILINE	830 U	910 U	910 U			
2-NITROPHENOL	330 U	360 U	360 U			
3,3'-DICHLOROBENZIDINE	330 U	360 UJ	360 UJ			
3-NITROANILINE	830 U	910 U	910 U			
4,6-DINITRO-2-METHYLPHENOL	830 U	910 U	910 UJ			
4-BROMOPHENYL PHENYL ETHER	330 U	360 U	360 UJ			

69000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0040201	LS3SB0050101	LS3SB0050201			
DEPTH (feet):	6.5 - 7.5'	2 - 3.5'	5 - 5.5'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	09/23/97	09/25/97	09/25/97	/ /	/ /	/ /
LOCATION:	TB4-3RI	TB5-3RI	TB5-3RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	330 U	360 U	360 U			
4-CHLOROANILINE	330 U	360 U	360 U			
4-CHLOROPHENYL PHENYL ETHER	330 U	360 U	360 U			
4-METHYLPHENOL	330 U	360 U	360 U			
4-NITROANILINE	830 U	910 UJ	910 UJ			
4-NITROPHENOL	830 U	910 U	910 U			
ACENAPHTHENE	69 J	360 U	200 J			
ACENAPHTHYLENE	330 U	360 U	360 U			
ANTHRACENE	350	23 J	360 UJ			
BENZO(A)ANTHRACENE	2100	41 J	430 J			
BENZO(A)PYRENE	950	34 J	940 J			
BENZO(B)FLUORANTHENE	1500	72 J	200 J			
BENZO(G,H,I)PERYLENE	640	66 J	330 J			
BENZO(K)FLUORANTHENE	870	360 U	200 J			
BIS(2-CHLOROETHOXY)METHANE	330 U	360 U	360 U			
BIS(2-CHLOROETHYL)ETHER	330 U	360 U	360 U			
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	360 U	360 U			
BUTYLBENZYL PHTHALATE	330 U	360 UJ	360 UJ			
CARBAZOLE	270 J	360 U	360 UJ			
CHRYSENE	1500	55 J	1500 J			
DI-N-BUTYL PHTHALATE	330 U	360 U	360 UJ			
DI-N-OCTYL PHTHALATE	330 U	360 UJ	360 UJ			

00070

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0040201	LS3SB0050101	LS3SB0050201			
DEPTH (feet):	6.5 - 7.5'	2 - 3.5'	5 - 5.5'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	09/23/97	09/25/97	09/25/97	/ /	/ /	/ /
LOCATION:	TB4-3RI	TB5-3RI	TB5-3RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	330 J	360 U	360 UJ			
DIBENZOFURAN	35 J	360 U	81 J			
DIETHYL PHTHALATE	330 U	360 U	360 U			
DIMETHYL PHTHALATE	330 U	360 U	360 U			
FLUORANTHENE	4200	60 J	160 J			
FLUORENE	83 J	360 U	370			
HEXACHLOROBENZENE	330 U	360 U	360 UJ			
HEXACHLOROBUTADIENE	330 U	360 U	360 U			
HEXACHLOROCYCLOPENTADIENE	330 U	360 UJ	360 U			
HEXACHLOROETHANE	330 U	360 U	360 U			
INDENO(1,2,3-CD)PYRENE	640	44 J	150 J			
ISOPHORONE	330 U	360 U	360 U			
N-NITROSO-DI-N-PROPYLAMINE	330 U	360 U	360 U			
N-NITROSODIPHENYLAMINE	330 U	360 U	360 UJ			
NAPHTHALENE	18 J	41 J	42 J			
NITROBENZENE	330 U	360 U	360 U			
PENTACHLOROPHENOL	830 U	910 U	910 UJ			
PHENANTHRENE	1700	36 J	1300 J			
PHENOL	330 U	360 U	360 U			
PYRENE	4400	73 J	1600 J			
METALS (mg/kg)						
ALUMINUM		4610	5980			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0040201	LS3SB0050101	LS3SB0050201			
DEPTH (feet):	6.5 - 7.5'	2 - 3.5'	5 - 5.5'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	09/23/97	09/25/97	09/25/97	/ /	/ /	/ /
LOCATION:	TB4-3RI	TB5-3RI	TB5-3RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY		0.51 UJ	0.51 UJ			
ARSENIC		0.93 J	1.5			
BARIUM		25.8	41.7			
BERYLLIUM		0.16 U	0.21			
CADMIUM		0.05 U	0.07 U			
CALCIUM		602	5970			
CHROMIUM		7.6 J	19.3			
COBALT		2.4	5.1			
COPPER		6.4	73.6			
IRON		7520	9230			
LEAD		11.9 J	64.4 J			
MAGNESIUM		1720	2760			
MANGANESE		114	148			
MERCURY		0.005 UJ	0.005 UJ			
NICKEL		5.4	13.2			
POTASSIUM		1210	1420			
SELENIUM		0.39 U	0.42 J			
SILVER		0.22 U	0.35 J			
SODIUM		92.7	219			
THALLIUM		1.0 U	1.0 U			
VANADIUM		10.0	21.7			
ZINC		18.0	37.7			

APPENDIX H.1.1.4

ZONE 4

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW13(8-10)	13MW23(8-10)	13MW14(12-14)	13MW24(12-14)	13MW15(12-14)	13MW16(10-12)
DEPTH (feet):	8 - 10'	8 - 10'	12 - 14'	12 - 14'	12 - 14'	10 - 12'
INVESTIGATION:	PH1	PH1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/13/90	11/13/90	11/13/90	11/13/90	11/12/90	11/12/90
LOCATION:	13MW13	13MW13	13MW14	13MW14	13MW15	13MW16
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		111390-13MW13(8-10)		111390-13MW14(12-14		
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	6 U	6 U	6 U	6 U	6 U	8 U
1,1,2,2-TETRACHLOROETHANE	6 U	6 U	6 U	6 U	6 U	8 U
1,1,2-TRICHLOROETHANE	6 U	6 U	6 U	6 U	6 U	8 U
1,1-DICHLOROETHANE	6 U	6 U	6 U	6 U	6 U	8 U
1,1-DICHLOROETHENE	6 U	6 U	6 U	6 U	6 U	8 U
1,2-DICHLOROETHANE	6 U	6 U	6 U	6 U	6 U	8 U
1,2-DICHLOROETHENE (TOTAL)	6 U	6 U	6 U	6 U	6 U	8 U
1,2-DICHLOROPROPANE	6 U	6 U	6 U	6 U	6 U	8 U
2-BUTANONE	12 U	11 U	12 U	12 U	12 U	17 U
2-HEXANONE	12 U	11 U	12 U	12 U	12 U	17 U
4-METHYL-2-PENTANONE	12 U	11 U	12 U	12 U	12 U	17 U
ACETONE	12 U	11 U	12 U	12 U	12 U	25 U
BENZENE	6 U	6 U	6 U	6 U	6 U	8 U
BROMODICHLOROMETHANE	6 U	6 U	6 U	6 U	6 U	8 U
BROMOFORM	6 U	6 U	6 U	6 U	6 U	8 U
BROMOMETHANE	12 U	11 U	12 U	12 U	12 U	17 U
CARBON DISULFIDE	6 U	6 U	6 U	6 U	6 U	5 J
CARBON TETRACHLORIDE	6 U	6 U	6 U	6 U	6 U	8 U
CHLOROBENZENE	6 U	6 U	6 U	6 U	6 U	8 U
CHLOROETHANE	12 U	11 U	12 U	12 U	12 U	17 U
CHLOROFORM	6 U	6 U	6 U	6 U	6 U	8 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW13(8-10)	13MW23(8-10)	13MW14(12-14)	13MW24(12-14)	13MW15(12-14)	13MW16(10-12)
DEPTH (feet):	8 - 10'	8 - 10'	12 - 14'	12 - 14'	12 - 14'	10 - 12'
INVESTIGATION:	PH1	PH1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/13/90	11/13/90	11/13/90	11/13/90	11/12/90	11/12/90
LOCATION:	13MW13	13MW13	13MW14	13MW14	13MW15	13MW16
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		111390-13MW13(8-10)		111390-13MW14(12-14		
VOLATILES (µg/kg)						
CHLOROMETHANE	12 U	11 U	12 U	12 U	12 U	17 U
CIS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	6 U	6 U	8 U
DIBROMOCHLOROMETHANE	6 U	6 U	6 U	6 U	6 U	8 U
ETHYLBENZENE	6 U	6 U	6 U	6 U	6 U	6 J
METHYLENE CHLORIDE	12	10	1 J	1 J	2 J	3 J
STYRENE	6 U	6 U	6 U	6 U	6 U	8 U
TETRACHLOROETHENE	6	8 J	4 J	6 UJ	3 J	5 J
TOLUENE	6 U	6 U	6 U	6 U	6 U	8 U
TRANS-1,3-DICHLOROPROPENE	6 U	6 U	6 U	6 U	6 U	8 U
TRICHLOROETHENE	5 J	5 J	4 J	2 J	2 J	4 J
VINYL ACETATE	12 U	11 U	12 U	12 U	12 U	17 U
VINYL CHLORIDE	12 U	11 U	12 U	12 U	12 U	17 U
XYLENES, TOTAL	6 U	6 U	6 U	6 U	6 U	20 J
METALS (mg/kg)						
ALUMINUM	6510	4850	6280	6460	5510	10600
ANTIMONY	2.3 UJ	2.3 UJ	2.4 UJ	2.4 UJ	2.4 UJ	3.4 UJ
ARSENIC	1.9	2.2	0.71 U	0.72 U	0.77	4
BARIUM	48.3 J	27.9 J	26.4	23.2	42.7	30.7
BERYLLIUM	0.23 U	0.23 U	0.24 U	0.24 U	0.24 U	0.34 J
BORON	47 R	46 R	48 R	48 R	330 R	2200 R
CADMIUM	1 J	0.79 J	1.5 J	1 J	1.7 J	2.5 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW13(8-10)	13MW23(8-10)	13MW14(12-14)	13MW24(12-14)	13MW15(12-14)	13MW16(10-12)
DEPTH (feet):	8 - 10'	8 - 10'	12 - 14'	12 - 14'	12 - 14'	10 - 12'
INVESTIGATION:	PH1	PH1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/13/90	11/13/90	11/13/90	11/13/90	11/12/90	11/12/90
LOCATION:	13MW13	13MW13	13MW14	13MW14	13MW15	13MW16
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		111390-13MW13(8-10)		111390-13MW14(12-14		
METALS (mg/kg)						
CALCIUM	867 J	738 J	783 J	851 J	603 J	2710
CHROMIUM	17.5 J	7 8 J	20.3	21.1	13.5	27.8
COBALT	4.1 J	3 5 J	4 J	4.2 J	4.1 J	6.7 J
COPPER	14	9.7 J	32.5	23.9	12.7	15.1
CYANIDE	1.2 U	1.4 U	1.2 U	1.2 U	1.3 U	1.8 U
IRON	8560	5880 J	9940	9830	9140	16900
LEAD	50.2 J	25.2 J	68.7	76.2	34.4	41.3
MAGNESIUM	2660	1870 J	3670	3590 J	3100	5510
MANGANESE	155 J	100 J	147 J	144 J	139 J	191 J
MERCURY	0.12 UJ	0.1 UJ	0.11 UJ	0.11 UJ	0.11 UJ	0.16 UJ
NICKEL	9.5	5.8	9.9	11.5	7.9	16.3
POTASSIUM	1890	1280	1850	1860	2660	2780
SELENIUM	0.23 U	0.23 U	0.24 U	0.24 U	0.28 J	1 J
SILVER	1.6 U	1.6 U	1.7 U	1.7 U	1.7 U	2.3 U
SODIUM	124	126	306	345	1360	5890
THALLIUM	0.47 U	0.46 U	0.48 U	0.48 U	0.48 U	0.67 U
VANADIUM	16.1	10.6	16.7	15.1	15.9	35.9
ZINC	62.4 J	28.1 J	38.7 J	38 J	48.9 J	43.1 J
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	310	440	110	80	170	960

00003

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB2A-0406	13TB2A-0406-X	13TB2A-0608	13TB3A-0608-X	13TB3A-2.5-4.5	13TB3A-2.5-4.5D
DEPTH (feet):	4 - 6'	4 - 6'	6 - 8'	6 - 8'	2.5 - 4.5'	2.5 - 4.5'
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	01/22/94	01/22/94	01/22/94	02/01/94	01/22/94	01/22/94
LOCATION:	13TB2A	13TB2A	13TB2A	13TB3A	13TB3A	13TB3A
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						13TB3A-2.5-4.5
METALS (mg/kg)						
LEAD	1880 J	2080 J		1990 J	8240 J	4770 J
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	383		11800		321 J	69.2 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB4A-0002	13TB4A-0002-X	13TB6-0507	FPTB10L-03	FPTB11L-07	FPTB06L-07
DEPTH (feet):	0 - 2'	0 - 2'	5 - 7'	3 - 3'	7 - 7'	7 - 8'
INVESTIGATION:	PH2-1	PH2-1	PH2-1	TFI96	TFI96	TFI96
SAMPLE DATE:	01/22/94	01/22/94	01/23/94	11/16/95	11/16/95	11/18/95
LOCATION:	13TB4A	13TB4A	13TB6	GS-10L	GS-11L	GS-6L
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
LEAD	280 J	1810 J	98.9 J			
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	3440		970	31.8	15.3	41.3

50005

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB07L-08	FPTB08L-07	FPTB09L-08	DUP-16-111695	LS4SB0010101	LS4SB0010301
DEPTH (feet):	8 - 8'	7 - 7'	8 - 8'	8 - 8'	0.5 - 2'	5 - 6'
INVESTIGATION:	TFI96	TFI96	TFI96	TFI96	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/16/95	11/16/95	11/16/95	09/26/97	09/26/97
LOCATION:	GS-7L	GS-8L	GS-9L	GS-9L	MW1-4RI	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:				FPTB09L-08		
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE					360 U	400 U
1,2-DICHLOROBENZENE					360 U	400 U
1,3-DICHLOROBENZENE					360 U	400 U
1,4-DICHLOROBENZENE					360 U	400 U
2,2'-OXYBIS(1-CHLOROPROPANE)					360 U	400 U
2,4,5-TRICHLOROPHENOL					910 U	1000 UR
2,4,6-TRICHLOROPHENOL					360 U	400 UR
2,4-DICHLOROPHENOL					360 U	400 UR
2,4-DIMETHYLPHENOL					360 U	400 UR
2,4-DINITROPHENOL					910 U	1000 UR
2,4-DINITROTOLUENE					360 U	400 U
2,6-DINITROTOLUENE					360 U	400 U
2-CHLORONAPHTHALENE					360 U	400 U
2-CHLOROPHENOL					360 U	400 UR
2-METHYLNAPHTHALENE					2000	400 U
2-METHYLPHENOL					360 U	400 UR
2-NITROANILINE					910 U	1000 U
2-NITROPHENOL					360 U	400 UR
3,3'-DICHLOROBENZIDINE					360 UJ	400 U
3-NITROANILINE					910 U	1000 U
4,6-DINITRO-2-METHYLPHENOL					910 U	1000 UR
4-BROMOPHENYL PHENYL ETHER					360 U	400 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB07L-08	FPTB08L-07	FPTB09L-08	DUP-16-111695	LS4SB0010101	LS4SB0010301
DEPTH (feet):	8 - 8'	7 - 7'	8 - 8'	8 - 8'	0.5 - 2'	5 - 6'
INVESTIGATION:	TFI96	TFI96	TFI96	TFI96	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/16/95	11/16/95	11/16/95	09/26/97	09/26/97
LOCATION:	GS-7L	GS-8L	GS-9L	GS-9L	MW1-4RI	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:				FPTB09L-08		
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL					360 U	400 UR
4-CHLOROANILINE					360 U	400 U
4-CHLOROPHENYL PHENYL ETHER					360 U	400 U
4-METHYLPHENOL					360 U	400 UR
4-NITROANILINE					910 UJ	1000 U
4-NITROPHENOL					910 U	1000 UR
ACENAPHTHENE					900	400 U
ACENAPHTHYLENE					1200	400 U
ANTHRACENE					2700	74 J
BENZO(A)ANTHRACENE					5300	53 J
BENZO(A)PYRENE					4300	73 J
BENZO(B)FLUORANTHENE					4300	92 J
BENZO(G,H,I)PERYLENE					3100 J	64 J
BENZO(K)FLUORANTHENE					1400	400 U
BIS(2-CHLOROETHOXY)METHANE					360 U	400 U
BIS(2-CHLOROETHYL)ETHER					360 U	400 U
BIS(2-ETHYLHEXYL)PHTHALATE					360 U	400 U
BUTYLBENZYL PHTHALATE					360 UJ	400 U
CARBAZOLE					1100	400 U
CHRYSENE					5500	67 J
DI-N-BUTYL PHTHALATE					360 U	400 U
DI-N-OCTYL PHTHALATE					360 UJ	400 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB07L-08	FPTB08L-07	FPTB09L-08	DUP-16-111695	LS4SB0010101	LS4SB0010301
DEPTH (feet):	8 - 8'	7 - 7'	8 - 8'	8 - 8'	0.5 - 2'	5 - 6'
INVESTIGATION:	TFI96	TFI96	TFI96	TFI96	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/16/95	11/16/95	11/16/95	09/26/97	09/26/97
LOCATION:	GS-7L	GS-8L	GS-9L	GS-9L	MW1-4RI	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:				FPTB09L-08		
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE					1500	57 J
DIBENZOFURAN					1300	400 U
DIETHYL PHTHALATE					360 U	400 U
DIMETHYL PHTHALATE					360 U	400 U
FLUORANTHENE					11000	120 J
FLUORENE					2900	28 J
HEXACHLOROBENZENE					360 U	400 U
HEXACHLOROBUTADIENE					360 U	400 U
HEXACHLOROCYCLOPENTADIENE					360 UJ	400 U
HEXACHLOROETHANE					360 U	400 U
INDENO(1,2,3-CD)PYRENE					3400	69 J
ISOPHORONE					360 U	400 U
N-NITROSO-DI-N-PROPYLAMINE					360 U	400 U
N-NITROSODIPHENYLAMINE					360 U	400 U
NAPHTHALENE					1700	400 U
NITROBENZENE					360 U	400 U
PENTACHLOROPHENOL					910 U	1000 UR
PHENANTHRENE					14000	100 J
PHENOL					360 U	400 UR
PYRENE					15000	120 J
METALS (mg/kg)						
ALUMINUM					4690	2670

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB07L-08	FPTB08L-07	FPTB09L-08	DUP-16-111695	LS4SB0010101	LS4SB0010301
DEPTH (feet):	8 - 8'	7 - 7'	8 - 8'	8 - 8'	0.5 - 2'	5 - 6'
INVESTIGATION:	TFI96	TFI96	TFI96	TFI96	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/16/95	11/16/95	11/16/95	09/26/97	09/26/97
LOCATION:	GS-7L	GS-8L	GS-9L	GS-9L	MW1-4RI	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:				FPTB09L-08		
METALS (mg/kg)						
ANTIMONY					3.3	0.49 U
ARSENIC					4.2	1.2
BARIUM					46.8	17.8
BERYLLIUM					0.28	0.11 U
CADMIUM					0.53	0.04 U
CALCIUM					1250	810
CHROMIUM					10.5	5.6
COBALT					2.8	1.8
COPPER					147	4.5
IRON					7860	4720
LEAD					444	2.7 U
MAGNESIUM					1640	1160
MANGANESE					130	99.5
MERCURY					0.31 J	0.01 UJ
NICKEL					8.7	5.0
POTASSIUM					878	614
SELENIUM					0.33 U	0.47 U
SILVER					0.19 U	0.21 U
SODIUM					141	107
THALLIUM					0.85 U	0.95 U
VANADIUM					14.1	7.3
ZINC					128	15.3

60000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	FPTB07L-08	FPTB08L-07	FPTB09L-08	DUP-16-111695	LS4SB0010101	LS4SB0010301
DEPTH (feet):	8 - 8'	7 - 7'	8 - 8'	8 - 8'	0.5 - 2'	5 - 6'
INVESTIGATION:	TFI96	TFI96	TFI96	TFI96	1997RI	1997RI
SAMPLE DATE:	11/18/95	11/16/95	11/16/95	11/16/95	09/26/97	09/26/97
LOCATION:	GS-7L	GS-8L	GS-9L	GS-9L	MW1-4RI	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:				FPTB09L-08		
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	10.4 U	13.1 U	3720	9360	500 J	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0050101	LS4SB0050301	QW-1	QW-2	QW-3	QW-4
DEPTH (feet):	1 - 3'	5 - 7'	5 - 6'	5 - 6'	5 - 6'	7 - 7.3'
INVESTIGATION:	1997RI	1997RI	RSE95	RSE95	RSE95	RSE95
SAMPLE DATE:	09/26/97	09/26/97	11/30/94	11/30/94	12/01/94	12/05/94
LOCATION:	MW2-4RI	MW2-4RI	QW-1	QW-2	QW-3	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE			13 U			
1,1,2,2-TETRACHLOROETHANE			13 U			
1,1,2-TRICHLOROETHANE			13 U			
1,1-DICHLOROETHANE			13 U			
1,1-DICHLOROETHENE			13 U			
1,2-DICHLOROETHANE			13 U			
1,2-DICHLOROETHENE (TOTAL)			13 U			
1,2-DICHLOROPROPANE			13 U			
2-BUTANONE			13 U			
2-HEXANONE			13 U			
4-METHYL-2-PENTANONE			13 U			
ACETONE			13 U			
BENZENE			13 U	1.15 U	1.4	1.23 UJ
BROMODICHLOROMETHANE			13 U			
BROMOFORM			13 U			
BROMOMETHANE			13 U			
CARBON DISULFIDE			13 U			
CARBON TETRACHLORIDE			13 U			
CHLOROBENZENE			13 U			
CHLOROETHANE			13 U			
CHLOROFORM			13 U			
CHLOROMETHANE			13 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0050101	LS4SB0050301	QW-1	QW-2	QW-3	QW-4
DEPTH (feet):	1 - 3'	5 - 7'	5 - 6'	5 - 6'	5 - 6'	7 - 7.3'
INVESTIGATION:	1997RI	1997RI	RSE95	RSE95	RSE95	RSE95
SAMPLE DATE:	09/26/97	09/26/97	11/30/94	11/30/94	12/01/94	12/05/94
LOCATION:	MW2-4RI	MW2-4RI	QW-1	QW-2	QW-3	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE			13 U			
DIBROMOCHLOROMETHANE			13 U			
ETHYLBENZENE			13 U	18 J	0.7 J	1.23 UJ
METHYLENE CHLORIDE			13 U			
STYRENE			13 U			
TETRACHLOROETHENE			13 U			
TOLUENE			3 J	1.15 U	3.2	1.23 UJ
TRANS-1,3-DICHLOROPROPENE			13 U			
TRICHLOROETHENE			13 U			
VINYL ACETATE			13 U			
VINYL CHLORIDE			13 U			
XYLENES, TOTAL			13 U	20.3 J	5.4	0.616 J
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U	430 U	420 U			
1,2-DICHLOROBENZENE	360 U	430 U	420 U			
1,3-DICHLOROBENZENE	360 U	430 U	420 U			
1,4-DICHLOROBENZENE	360 U	430 U	420 U			
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U	430 U	420 U			
2,4,5-TRICHLOROPHENOL	910 U	1100 UR	1000 U			
2,4,6-TRICHLOROPHENOL	360 U	430 UR	420 U			
2,4-DICHLOROPHENOL	360 U	430 UR	420 U			
2,4-DIMETHYLPHENOL	360 U	430 UR	420 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0050101	LS4SB0050301	QW-1	QW-2	QW-3	QW-4
DEPTH (feet):	1 - 3'	5 - 7'	5 - 6'	5 - 6'	5 - 6'	7 - 7.3'
INVESTIGATION:	1997RI	1997RI	RSE95	RSE95	RSE95	RSE95
SAMPLE DATE:	09/26/97	09/26/97	11/30/94	11/30/94	12/01/94	12/05/94
LOCATION:	MW2-4RI	MW2-4RI	QW-1	QW-2	QW-3	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROPHENOL	910 U	1100 UR	1000 U			
2,4-DINITROTOLUENE	360 U	430 U	420 U			
2,6-DINITROTOLUENE	360 U	430 U	420 U			
2-CHLORONAPHTHALENE	360 U	430 U	420 U			
2-CHLOROPHENOL	360 U	430 UR	420 U			
2-METHYLNAPHTHALENE	360 U	430 U	420 U			
2-METHYLPHENOL	360 U	430 UR	420 U			
2-NITROANILINE	910 U	1100 U	1000 U			
2-NITROPHENOL	360 U	430 UR	420 U			
3,3'-DICHLOROBENZIDINE	360 UJ	430 UJ	420 U			
3-NITROANILINE	910 U	1100 U	1000 U			
4,6-DINITRO-2-METHYLPHENOL	910 U	1100 UR	1000 U			
4-BROMOPHENYL PHENYL ETHER	360 U	430 U	420 U			
4-CHLORO-3-METHYLPHENOL	360 U	430 UR	420 U			
4-CHLOROANILINE	360 U	430 U	420 U			
4-CHLOROPHENYL PHENYL ETHER	360 U	430 U	420 U			
4-METHYLPHENOL	360 U	430 UR	420 U			
4-NITROANILINE	910 UJ	1100 UJ	1000 U			
4-NITROPHENOL	910 U	1100 UR	1000 U			
ACENAPHTHENE	360 U	430 U	420 U			
ACENAPHTHYLENE	19 J	430 U	420 U			
ANTHRACENE	360 U	430 U	59 J			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0050101	LS4SB0050301	QW-1	QW-2	QW-3	QW-4
DEPTH (feet):	1 - 3'	5 - 7'	5 - 6'	5 - 6'	5 - 6'	7 - 7.3'
INVESTIGATION:	1997RI	1997RI	RSE95	RSE95	RSE95	RSE95
SAMPLE DATE:	09/26/97	09/26/97	11/30/94	11/30/94	12/01/94	12/05/94
LOCATION:	MW2-4RI	MW2-4RI	QW-1	QW-2	QW-3	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)ANTHRACENE	44 J	430 U	400 J			
BENZO(A)PYRENE	59 J	41 J	410 J			
BENZO(B)FLUORANTHENE	58 J	22 J	260 J			
BENZO(G,H,I)PERYLENE	92 J	54 J	290 J			
BENZO(K)FLUORANTHENE	56 J	430 U	390 J			
BENZOIC ACID			2200 U			
BENZYL ALCOHOL			420 U			
BIS(2-CHLOROETHOXY)METHANE	360 U	430 U	420 U			
BIS(2-CHLOROETHYL)ETHER	360 U	430 U	420 U			
BIS(2-ETHYLHEXYL)PHTHALATE	130 U	430 U	420 U			
BUTYLBENZYL PHTHALATE	360 UJ	430 UJ	420 U			
CARBAZOLE	360 U	430 U	420 U			
CHRYSENE	55 J	430 U	430			
DI-N-BUTYL PHTHALATE	360 U	430 U	420 U			
DI-N-OCTYL PHTHALATE	360 UJ	430 UJ	420 U			
DIBENZO(A,H)ANTHRACENE	360 U	59 J	420 U			
DIBENZOFURAN	360 U	430 U	420 U			
DIETHYL PHTHALATE	360 U	430 U	420 U			
DIMETHYL PHTHALATE	360 U	430 U	420 U			
FLUORANTHENE	45 J	430 U	620			
FLUORENE	360 U	430 U	420 U			
HEXACHLOROBENZENE	360 U	430 U	420 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0050101	LS4SB0050301	QW-1	QW-2	QW-3	QW-4
DEPTH (feet):	1 - 3'	5 - 7'	5 - 6'	5 - 6'	5 - 6'	7 - 7.3'
INVESTIGATION:	1997RI	1997RI	RSE95	RSE95	RSE95	RSE95
SAMPLE DATE:	09/26/97	09/26/97	11/30/94	11/30/94	12/01/94	12/05/94
LOCATION:	MW2-4RI	MW2-4RI	QW-1	QW-2	QW-3	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
HEXACHLOROBUTADIENE	360 U	430 U	420 U			
HEXACHLOROCYCLOPENTADIENE	360 UJ	430 UJ	420 U			
HEXACHLOROETHANE	360 U	430 U	420 U			
INDENO(1,2,3-CD)PYRENE	65 J	56 J	290 J			
ISOPHORONE	360 U	430 U	420 U			
N-NITROSO-DI-N-PROPYLAMINE	360 U	430 U	420 U			
N-NITROSODIPHENYLAMINE	360 U	430 U	420 U			
NAPHTHALENE	360 U	430 U	39 J			
NITROBENZENE	360 U	430 U	420 U			
PENTACHLOROPHENOL	910 U	1100 UR	1000 U			
PHENANTHRENE	24 J	430 U	190 J			
PHENOL	24 J	430 UR	420 U			
PYRENE	61 J	430 U	830			
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD			4.2 UJ			
4,4'-DDE			4.2 UJ			
4,4'-DDT			4.2 UJ			
ALDRIN			2.2 UJ			
ALPHA-BHC			2.2 U			
ALPHA-CHLORDANE			2.2 U			
AROCLOR-1016			42 U			
AROCLOR-1221			86 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0050101	LS4SB0050301	QW-1	QW-2	QW-3	QW-4
DEPTH (feet):	1 - 3'	5 - 7'	5 - 6'	5 - 6'	5 - 6'	7 - 7.3'
INVESTIGATION:	1997RI	1997RI	RSE95	RSE95	RSE95	RSE95
SAMPLE DATE:	09/26/97	09/26/97	11/30/94	11/30/94	12/01/94	12/05/94
LOCATION:	MW2-4RI	MW2-4RI	QW-1	QW-2	QW-3	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1232			42 U			
AROCLOR-1242			42 U			
AROCLOR-1248			42 U			
AROCLOR-1254			42 U			
AROCLOR-1260			42 U			
BETA-BHC			2.2 UJ			
DELTA-BHC			2.2 U			
DIELDRIN			4.2 U			
ENDOSULFAN I			2.2 U			
ENDOSULFAN II			4.2 U			
ENDOSULFAN SULFATE			4.2 U			
ENDRIN			6.7			
ENDRIN ALDEHYDE			4.2 U			
ENDRIN KETONE			4.2 U			
GAMMA-BHC (LINDANE)			2.2 UJ			
GAMMA-CHLORDANE			2.2 U			
HEPTACHLOR			2.2 U			
HEPTACHLOR EPOXIDE			2.2 U			
METHOXYCHLOR			22 UJ			
TOXAPHENE			220 U			
METALS (mg/kg)						
ALUMINUM	3300	3770	4060			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0050101	LS4SB0050301	QW-1	QW-2	QW-3	QW-4
DEPTH (feet):	1 - 3'	5 - 7'	5 - 6'	5 - 6'	5 - 6'	7 - 7.3'
INVESTIGATION:	1997RI	1997RI	RSE95	RSE95	RSE95	RSE95
SAMPLE DATE:	09/26/97	09/26/97	11/30/94	11/30/94	12/01/94	12/05/94
LOCATION:	MW2-4RI	MW2-4RI	QW-1	QW-2	QW-3	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY	0.45 U	0.56 U	1.3			
ARSENIC	1.9	3.8	2.1			
BARIUM	19.5	24.5	22.2			
BERYLLIUM	0.13 U	0.11 U	0.15 J			
BORON			1.3 U			
CADMIUM	0.07 J	0.05 U	0.11 J			
CALCIUM	672	1380	742			
CHROMIUM	5.9	6.8	9.1			
COBALT	2.1	2.1	2.8			
COPPER	7.3	5.4	20.5			
IRON	5200	5220	6700			
LEAD	57.1	2.2 U	1470			
MAGNESIUM	1070	1590	1890			
MANGANESE	75.1	76.4	101			
MERCURY	0.01 UJ	0.01 UJ	0.13 U			
NICKEL	4.6	4.6	6.5			
POTASSIUM	567	1280	1330 J			
SELENIUM	0.34 U	0.63 U	0.56 U			
SILVER	0.19 U	0.24 U	0.11 U			
SODIUM	78.4	157	403			
THALLIUM	0.87 U	1.1 U	0.67 U			
VANADIUM	8.7	8.7	9.6			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0050101	LS4SB0050301	QW-1	QW-2	QW-3	QW-4
DEPTH (feet):	1 - 3'	5 - 7'	5 - 6'	5 - 6'	5 - 6'	7 - 7.3'
INVESTIGATION:	1997RI	1997RI	RSE95	RSE95	RSE95	RSE95
SAMPLE DATE:	09/26/97	09/26/97	11/30/94	11/30/94	12/01/94	12/05/94
LOCATION:	MW2-4RI	MW2-4RI	QW-1	QW-2	QW-3	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ZINC	29.2	12.3	38.6 J			
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	210 J		2450 J	1730	642	1360

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	QW-5	LS4SB0020101	LS4SB0020201	LS4SB0030101	LS4SB0030201	LS4SB0040101
DEPTH (feet):	6 - 7'	2 - 4'	6.5 - 7'	2 - 4'	7 - 8'	2 - 4'
INVESTIGATION:	RSE95	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/12/94	09/26/97	09/26/97	09/23/97	09/23/97	09/23/97
LOCATION:	QW-5	TB2-4RI	TB2-4RI	TB3-4RI	TB3-4RI	TB4-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
BENZENE	1.17 U					
ETHYLBENZENE	1.17 U					
TOLUENE	1.17 U					
XYLENES, TOTAL	1.17 U					
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE		360 U	360 U	360 U	360 U	360 U
1,2-DICHLOROBENZENE		360 U	360 U	360 U	360 U	360 U
1,3-DICHLOROBENZENE		360 U	360 U	360 U	360 U	360 U
1,4-DICHLOROBENZENE		360 U	360 U	360 U	360 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)		360 U	360 U	360 U	360 U	360 U
2,4,5-TRICHLOROPHENOL		910 U	910 U	910 U	910 U	910 U
2,4,6-TRICHLOROPHENOL		360 U	360 U	360 U	360 U	360 U
2,4-DICHLOROPHENOL		360 U	360 U	360 U	360 U	360 U
2,4-DIMETHYLPHENOL		360 U	360 U	360 U	360 U	360 U
2,4-DINITROPHENOL		910 U	910 U	910 U	910 U	910 U
2,4-DINITROTOLUENE		360 U	360 U	360 U	360 U	360 U
2,6-DINITROTOLUENE		360 U	360 U	360 U	360 U	360 U
2-CHLORONAPHTHALENE		360 U	360 U	360 U	360 U	360 U
2-CHLOROPHENOL		360 U	360 U	360 U	360 U	360 U
2-METHYLNAPHTHALENE		360 U	23 J	24 J	360 U	360 U
2-METHYLPHENOL		360 U	360 U	360 U	360 U	360 U
2-NITROANILINE		910 U	910 U	910 U	910 U	910 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	QW-5	LS4SB0020101	LS4SB0020201	LS4SB0030101	LS4SB0030201	LS4SB0040101
DEPTH (feet):	6 - 7'	2 - 4'	6.5 - 7'	2 - 4'	7 - 8'	2 - 4'
INVESTIGATION:	RSE95	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/12/94	09/26/97	09/26/97	09/23/97	09/23/97	09/23/97
LOCATION:	QW-5	TB2-4RI	TB2-4RI	TB3-4RI	TB3-4RI	TB4-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2-NITROPHENOL		360 U	360 U	360 U	360 U	360 U
3,3'-DICHLOROBENZIDINE		360 U	360 U	360 U	360 U	360 U
3-NITROANILINE		910 U	910 U	910 U	910 U	910 U
4,6-DINITRO-2-METHYLPHENOL		910 U	910 U	910 U	910 U	910 U
4-BROMOPHENYL PHENYL ETHER		360 U	360 U	360 U	360 U	360 U
4-CHLORO-3-METHYLPHENOL		360 U	360 U	360 U	360 U	360 U
4-CHLOROANILINE		360 U	360 U	360 U	360 U	360 U
4-CHLOROPHENYL PHENYL ETHER		360 U	360 U	360 U	360 U	360 U
4-METHYLPHENOL		360 U	360 U	360 U	360 U	360 U
4-NITROANILINE		910 U	910 U	910 U	910 U	910 U
4-NITROPHENOL		910 U	910 U	910 U	910 U	910 U
ACENAPHTHENE		360 U	360 U	360 U	360 U	360 U
ACENAPHTHYLENE		360 U	360 U	72 J	360 U	360 U
ANTHRACENE		360 U	28 J	66 J	360 U	360 U
BENZO(A)ANTHRACENE		110 J	180 J	620	110 J	47 J
BENZO(A)PYRENE		64 J	120 J	680	110 J	59 J
BENZO(B)FLUORANTHENE		84 J	180 J	680	100 J	57 J
BENZO(G,H,I)PERYLENE		55 J	110 J	650	71 J	55 J
BENZO(K)FLUORANTHENE		62 J	130 J	580	92 J	81 J
BIS(2-CHLOROETHOXY)METHANE		360 U	360 U	360 U	360 U	360 U
BIS(2-CHLOROETHYL)ETHER		360 U	360 U	360 U	360 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE		360 U	360 U	360 U	360 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	QW-5	LS4SB0020101	LS4SB0020201	LS4SB0030101	LS4SB0030201	LS4SB0040101
DEPTH (feet):	6 - 7'	2 - 4'	6.5 - 7'	2 - 4'	7 - 8'	2 - 4'
INVESTIGATION:	RSE95	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/12/94	09/26/97	09/26/97	09/23/97	09/23/97	09/23/97
LOCATION:	QW-5	TB2-4RI	TB2-4RI	TB3-4RI	TB3-4RI	TB4-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BUTYLBENZYL PHTHALATE		360 U	23 J	360 U	360 U	360 U
CARBAZOLE		360 U	360 U	25 J	360 U	360 U
CHRYSENE		110 J	200 J	660	120 J	83 J
DI-N-BUTYL PHTHALATE		360 U	360 U	360 U	360 U	360 U
DI-N-OCTYL PHTHALATE		360 UJ	360 UJ	360 U	360 U	360 U
DIBENZO(A,H)ANTHRACENE		34 J	80 J	360 U	360 U	360 UJ
DIBENZOFURAN		360 U	360 U	360 U	360 U	360 U
DIETHYL PHTHALATE		360 U	360 U	360 U	360 U	360 U
DIMETHYL PHTHALATE		360 U	360 U	360 U	360 U	360 U
FLUORANTHENE		210 J	400 J	770	160 J	100 J
FLUORENE		360 U	360 U	360 U	360 U	360 U
HEXACHLOROBENZENE		360 U	360 U	360 U	360 U	360 U
HEXACHLOROBUTADIENE		360 U	360 U	360 U	360 U	360 U
HEXACHLOROCYCLOPENTADIENE		360 U	360 U	360 U	360 U	360 U
HEXACHLOROETHANE		360 U	360 U	360 U	360 U	360 U
INDENO(1,2,3-CD)PYRENE		64 J	120 J	560	67 J	46 J
ISOPHORONE		360 U	360 U	360 U	360 U	360 U
N-NITROSO-DI-N-PROPYLAMINE		360 U	360 U	360 U	360 U	360 U
N-NITROSODIPHENYLAMINE		360 U	360 U	360 U	360 U	360 U
NAPHTHALENE		360 U	360 U	34 J	360 U	360 U
NITROBENZENE		360 U	360 U	360 U	360 U	360 U
PENTACHLOROPHENOL		910 U	910 U	910 U	910 U	910 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	QW-5	LS4SB0020101	LS4SB0020201	LS4SB0030101	LS4SB0030201	LS4SB0040101
DEPTH (feet):	6 - 7'	2 - 4'	6.5 - 7'	2 - 4'	7 - 8'	2 - 4'
INVESTIGATION:	RSE95	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/12/94	09/26/97	09/26/97	09/23/97	09/23/97	09/23/97
LOCATION:	QW-5	TB2-4RI	TB2-4RI	TB3-4RI	TB3-4RI	TB4-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
PHENANTHRENE		63 J	160 J	210 J	41 J	52 J
PHENOL		360 U	360 U	360 U	360 U	360 U
PYRENE		120 J	230 J	830	170 J	120 J
METALS (mg/kg)						
ALUMINUM				5450	5520	
ANTIMONY				0.49 J	0.44 UJ	
ARSENIC				4.5 J	2.9 J	
BARIUM				34.5 U	38.6 U	
BERYLLIUM				0.19 U	0.21 J	
CADMIUM				0.10 U	0.15 U	
CALCIUM				1310 J	1460 J	
CHROMIUM				11.4	9.9	
COBALT				2.9	3.3	
COPPER				14.0	14.1	
IRON				6890	6630	
LEAD				237	214	
MAGNESIUM				1850 J	1860 J	
MANGANESE				122	121	
MERCURY				0.50	0.02 U	
NICKEL				7.5	7.7	
POTASSIUM				1060 J	984 J	
SELENIUM				0.35 U	0.33 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	QW-5	LS4SB0020101	LS4SB0020201	LS4SB0030101	LS4SB0030201	LS4SB0040101
DEPTH (feet):	6 - 7'	2 - 4'	6.5 - 7'	2 - 4'	7 - 8'	2 - 4'
INVESTIGATION:	RSE95	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/12/94	09/26/97	09/26/97	09/23/97	09/23/97	09/23/97
LOCATION:	QW-5	TB2-4RI	TB2-4RI	TB3-4RI	TB3-4RI	TB4-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
SILVER				0.20 U	0.19 U	
SODIUM				104	122	
THALLIUM				0.90 UJ	0.86 UJ	
VANADIUM				12.7	12.4	
ZINC				59.9 J	63.6 J	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	25.7			150		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0040201	13WE4A-0002				
DEPTH (feet):	6 - 7'	0 - 2'				
INVESTIGATION:	1997RI	PH2-1				
SAMPLE DATE:	09/23/97	01/23/94	/ /	/ /	/ /	/ /
LOCATION:	TB4-4RI	WE4A				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U					
1,2-DICHLOROBENZENE	360 U					
1,3-DICHLOROBENZENE	360 U					
1,4-DICHLOROBENZENE	360 U					
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U					
2,4,5-TRICHLOROPHENOL	910 U					
2,4,6-TRICHLOROPHENOL	360 U					
2,4-DICHLOROPHENOL	360 U					
2,4-DIMETHYLPHENOL	360 U					
2,4-DINITROPHENOL	910 U					
2,4-DINITROTOLUENE	360 U					
2,6-DINITROTOLUENE	360 U					
2-CHLORONAPHTHALENE	360 U					
2-CHLOROPHENOL	360 U					
2-METHYLNAPHTHALENE	360 U					
2-METHYLPHENOL	360 U					
2-NITROANILINE	910 U					
2-NITROPHENOL	360 U					
3,3'-DICHLOROBENZIDINE	360 U					
3-NITROANILINE	910 U					
4,6-DINITRO-2-METHYLPHENOL	910 U					
4-BROMOPHENYL PHENYL ETHER	360 U					

00024

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0040201	13WE4A-0002				
DEPTH (feet):	6 - 7'	0 - 2'				
INVESTIGATION:	1997RI	PH2-1				
SAMPLE DATE:	09/23/97	01/23/94	/ /	/ /	/ /	/ /
LOCATION:	TB4-4RI	WE4A				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	360 U					
4-CHLOROANILINE	360 U					
4-CHLOROPHENYL PHENYL ETHER	360 U					
4-METHYLPHENOL	360 U					
4-NITROANILINE	910 U					
4-NITROPHENOL	910 U					
ACENAPHTHENE	360 U					
ACENAPHTHYLENE	360 U					
ANTHRACENE	360 U					
BENZO(A)ANTHRACENE	360 U					
BENZO(A)PYRENE	360 U					
BENZO(B)FLUORANTHENE	360 U					
BENZO(G,H,I)PERYLENE	360 U					
BENZO(K)FLUORANTHENE	360 U					
BIS(2-CHLOROETHOXY)METHANE	360 U					
BIS(2-CHLOROETHYL)ETHER	360 U					
BIS(2-ETHYLHEXYL)PHTHALATE	360 U					
BUTYLBENZYL PHTHALATE	360 U					
CARBAZOLE	360 U					
CHRYSENE	360 U					
DI-N-BUTYL PHTHALATE	360 U					
DI-N-OCTYL PHTHALATE	360 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0040201	13WE4A-0002				
DEPTH (feet):	6 - 7'	0 - 2'				
INVESTIGATION:	1997RI	PH2-1				
SAMPLE DATE:	09/23/97	01/23/94	/ /	/ /	/ /	/ /
LOCATION:	TB4-4RI	WE4A				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	360 U					
DIBENZOFURAN	360 U					
DIETHYL PHTHALATE	360 U					
DIMETHYL PHTHALATE	360 U					
FLUORANTHENE	360 U					
FLUORENE	360 U					
HEXACHLOROBENZENE	360 U					
HEXACHLOROBUTADIENE	360 U					
HEXACHLOROCYCLOPENTADIENE	360 U					
HEXACHLOROETHANE	360 U					
INDENO(1,2,3-CD)PYRENE	360 U					
ISOPHORONE	360 U					
N-NITROSO-DI-N-PROPYLAMINE	360 U					
N-NITROSODIPHENYLAMINE	360 U					
NAPHTHALENE	360 U					
NITROBENZENE	360 U					
PENTACHLOROPHENOL	910 U					
PHENANTHRENE	360 U					
PHENOL	360 U					
PYRENE	19 J					
METALS (mg/kg)						
LEAD		10600 J				

000026

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0040201	13WE4A-0002				
DEPTH (feet):	6 - 7'	0 - 2'				
INVESTIGATION:	1997RI	PH2-1				
SAMPLE DATE:	09/23/97	01/23/94	/ /	/ /	/ /	/ /
LOCATION:	TB4-4RI	WE4A				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		925				

00027

APPENDIX H.1.1.5

ZONE 5

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW1-0.252.25	19MW11-0.252.25	19MW2-0204	19MW2-0406	19MW12-0406	19MW3-0002
DEPTH (feet):	0.3 - 2.3'	0.3 - 2.3'	2 - 4'	4 - 6'	4 - 6'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/24/93	03/24/93	03/24/93	03/25/93
LOCATION:	19MW1	19MW1	19MW2	19MW2	19MW2	19MW3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		19MW1-0.252.25			19MW2-0406	
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	12 U	12 U	11 U	11 U	11 U	10 U
1,1,2,2-TETRACHLOROETHANE	12 U	12 U	11 U	11 U	11 U	10 U
1,1,2-TRICHLOROETHANE	12 U	12 U	11 U	11 U	11 U	10 U
1,1-DICHLOROETHANE	12 U	12 U	11 U	11 U	11 U	10 U
1,1-DICHLOROETHENE	12 U	12 U	11 U	11 U	11 U	10 U
1,2-DICHLOROETHANE	12 U	12 U	11 U	11 U	11 U	10 U
1,2-DICHLOROETHENE (TOTAL)	12 U	12 U	11 U	11 U	11 U	10 U
1,2-DICHLOROPROPANE	12 U	12 U	11 U	11 U	11 U	10 U
2-BUTANONE	12 U	12 U	11 U	11 U	11 U	10 U
2-HEXANONE	12 U	12 U	11 U	11 U	11 U	10 U
4-METHYL-2-PENTANONE	12 U	12 U	11 U	11 U	11 U	10 U
ACETONE	12 U	9 BJ	7 J	8 J	14	23 B
BENZENE	12 U	12 U	11 U	11 U	11 U	10 U
BROMODICHLOROMETHANE	12 U	12 U	11 U	11 U	11 U	10 U
BROMOFORM	12 U	12 U	11 U	11 U	11 U	10 U
BROMOMETHANE	12 U	12 U	11 U	11 U	11 U	10 U
CARBON DISULFIDE	12 U	12 U	11 U	11 U	11 U	10 U
CARBON TETRACHLORIDE	12 U	12 U	11 U	11 U	11 U	10 U
CHLOROBENZENE	12 U	12 U	11 U	11 U	11 U	10 U
CHLOROETHANE	12 U	12 U	11 U	11 U	11 U	10 U
CHLOROFORM	12 U	12 U	11 U	11 U	11 U	10 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW1-0.252.25	19MW11-0.252.25	19MW2-0204	19MW2-0406	19MW12-0406	19MW3-0002
DEPTH (feet):	0.3 - 2.3'	0.3 - 2.3'	2 - 4'	4 - 6'	4 - 6'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/24/93	03/24/93	03/24/93	03/25/93
LOCATION:	19MW1	19MW1	19MW2	19MW2	19MW2	19MW3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		19MW1-0.252.25			19MW2-0406	
VOLATILES (µg/kg)						
CHLOROMETHANE	12 U	12 U	11 U	11 U	11 U	10 U
CIS-1,3-DICHLOROPROPENE	12 U	12 U	11 U	11 U	11 U	10 U
DIBROMOCHLOROMETHANE	12 U	12 U	11 U	11 U	11 U	10 U
ETHYLBENZENE	12 U	12 U	11 U	11 U	11 U	10 U
METHYLENE CHLORIDE	9 BJ	9 BJ	6 BJ	5 BJ	8 BJ	7 BJ
STYRENE	12 U	12 U	11 U	11 U	11 U	10 U
TETRACHLOROETHENE	12 U	12 U	11 U	11 U	11 U	10 U
TOLUENE	12 U	12 U	3 J	11 U	11 U	10 U
TRANS-1,3-DICHLOROPROPENE	12 U	12 U	11 U	11 U	11 U	10 U
TRICHLOROETHENE	12 U	12 U	11 U	11 U	11 U	10 U
VINYL CHLORIDE	12 U	12 U	11 U	11 U	11 U	10 U
XYLENES, TOTAL	12 U	12 U	11 U	11 U	11 U	10 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	410 U	400 U	360 U	390 U	370 U	370 U
1,2-DICHLOROBENZENE	410 U	400 U	360 U	390 U	370 U	370 U
1,3-DICHLOROBENZENE	410 U	400 U	360 U	390 U	370 U	370 U
1,4-DICHLOROBENZENE	410 U	400 U	360 U	390 U	370 U	370 U
2,2'-OXYBIS(1-CHLOROPROPANE)	410 U	400 U	360 U	390 U	370 U	370 U
2,4,5-TRICHLOROPHENOL	1000 U	1000 U	880 U	940 U	900 U	890 U
2,4,6-TRICHLOROPHENOL	410 U	400 U	360 U	390 U	370 U	370 U
2,4-DICHLOROPHENOL	410 U	400 U	360 U	390 U	370 U	370 U

20002

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW1-0.252.25	19MW11-0.252.25	19MW2-0204	19MW2-0406	19MW12-0406	19MW3-0002
DEPTH (feet):	0.3 - 2.3'	0.3 - 2.3'	2 - 4'	4 - 6'	4 - 6'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/24/93	03/24/93	03/24/93	03/25/93
LOCATION:	19MW1	19MW1	19MW2	19MW2	19MW2	19MW3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		19MW1-0.252.25			19MW2-0406	
SEMIVOLATILES (µg/kg)						
2,4-DIMETHYLPHENOL	410 U	400 U	360 U	390 U	370 U	370 U
2,4-DINITROPHENOL	1000 U	1000 U	880 U	940 U	900 U	890 U
2,4-DINITROTOLUENE	410 U	400 U	360 U	390 U	370 U	370 U
2,6-DINITROTOLUENE	410 U	400 U	360 U	390 U	370 U	370 U
2-CHLORONAPHTHALENE	410 U	400 U	360 U	390 U	370 U	370 U
2-CHLOROPHENOL	410 U	400 U	360 U	390 U	370 U	370 U
2-METHYLNAPHTHALENE	32 J	51 J	360 U	390 U	370 U	370 U
2-METHYLPHENOL	410 U	400 U	360 U	390 U	370 U	370 U
2-NITROANILINE	1000 U	1000 U	880 U	940 U	900 U	890 U
2-NITROPHENOL	410 U	400 U	360 U	390 U	370 U	370 U
3,3'-DICHLOROBENZIDINE	410 U	400 U	360 U	390 U	370 U	370 U
3-NITROANILINE	1000 U	1000 U	880 U	940 U	900 U	890 U
4,6-DINITRO-2-METHYLPHENOL	1000 U	1000 U	880 U	940 U	900 U	890 U
4-BROMOPHENYL PHENYL ETHER	410 U	400 U	360 U	390 U	370 U	370 U
4-CHLORO-3-METHYLPHENOL	410 U	400 U	360 U	390 U	370 U	370 U
4-CHLOROANILINE	410 U	400 U	360 U	390 U	370 U	370 U
4-CHLOROPHENYL PHENYL ETHER	410 U	400 U	360 U	390 U	370 U	370 U
4-METHYLPHENOL	410 U	400 U	360 U	390 U	370 U	370 U
4-NITROANILINE	1000 U	1000 U	880 U	940 U	900 U	890 U
4-NITROPHENOL	1000 U	1000 U	880 U	940 U	900 U	890 U
ACENAPHTHENE	410 U	400 U	360 U	390 U	370 U	370 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW1-0.252.25	19MW11-0.252.25	19MW2-0204	19MW2-0406	19MW12-0406	19MW3-0002
DEPTH (feet):	0.3 - 2.3'	0.3 - 2.3'	2 - 4'	4 - 6'	4 - 6'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/24/93	03/24/93	03/24/93	03/25/93
LOCATION:	19MW1	19MW1	19MW2	19MW2	19MW2	19MW3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		19MW1-0.252.25			19MW2-0406	

SEMIVOLATILES (µg/kg)

ACENAPHTHYLENE	410 U	400 U	360 U	390 U	370 U	370 U
ANTHRACENE	1 J	8 J	360 U	390 U	370 U	370 U
BENZO(A)ANTHRACENE	24 J	77 J	360 U	390 U	190 J	230 J
BENZO(A)PYRENE	38 J	56 J	360 U	390 U	370 U	370 U
BENZO(B)FLUORANTHENE	32 J	87 J	360 U	390 U	310 J	200 J
BENZO(G,H,I)PERYLENE	410 U	400 U	360 U	390 U	370 U	370 U
BENZO(K)FLUORANTHENE	25 J	84 J	360 U	390 U	370 U	370 U
BIS(2-CHLOROETHOXY)METHANE	410 U	400 U	360 U	390 U	370 U	370 U
BIS(2-CHLOROETHYL)ETHER	410 U	400 U	360 U	390 U	370 U	370 U
BIS(2-ETHYLHEXYL)PHTHALATE	20 J	32 J	360 U	390 U	370 U	370 U
BUTYLBENZYL PHTHALATE	410 U	24 J	360 U	390 U	370 U	370 U
CARBAZOLE	410 U	400 U	360 U	390 U	370 U	370 U
CHRYSENE	62 J	76 J	360 U	390 U	370 U	370 U
DI-N-BUTYL PHTHALATE	410 U	400 U	360 U	390 U	370 U	370 U
DI-N-OCTYL PHTHALATE	410 U	62 J	360 U	390 U	370 U	370 U
DIBENZO(A,H)ANTHRACENE	410 U	400 U	360 U	390 U	370 U	370 U
DIBENZOFURAN	410 U	400 U	360 U	390 U	370 U	370 U
DIETHYL PHTHALATE	410 U	400 U	360 U	390 U	370 U	370 U
DIMETHYL PHTHALATE	410 U	400 U	360 U	390 U	370 U	370 U
FLUORANTHENE	72 J	120 J	220 J	390 U	340 J	480
FLUORENE	410 U	400 U	360 U	390 U	370 U	370 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW1-0.252.25	19MW11-0.252.25	19MW2-0204	19MW2-0406	19MW12-0406	19MW3-0002
DEPTH (feet):	0.3 - 2.3'	0.3 - 2.3'	2 - 4'	4 - 6'	4 - 6'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/24/93	03/24/93	03/24/93	03/25/93
LOCATION:	19MW1	19MW1	19MW2	19MW2	19MW2	19MW3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		19MW1-0.252.25			19MW2-0406	
SEMIVOLATILES (µg/kg)						
HEXACHLOROBENZENE	410 U	400 U	360 U	390 U	370 U	370 U
HEXACHLOROBUTADIENE	410 U	400 U	360 U	390 U	370 U	370 U
HEXACHLOROCYCLOPENTADIENE	410 U	400 U	360 U	390 U	370 U	370 U
HEXACHLOROETHANE	410 U	400 U	360 U	390 U	370 U	370 U
INDENO(1,2,3-CD)PYRENE	410 U	400 U	360 U	390 U	370 U	370 U
ISOPHORONE	410 U	400 U	360 U	390 U	370 U	370 U
N-NITROSO-DI-N-PROPYLAMINE	410 U	400 U	360 U	390 U	370 U	370 U
N-NITROSODIPHENYLAMINE	410 U	400 U	360 U	390 U	370 U	370 U
NAPHTHALENE	22 J	400 U	360 U	390 U	370 U	370 U
NITROBENZENE	410 U	400 U	360 U	390 U	370 U	370 U
PENTACHLOROPHENOL	1000 U	1000 U	880 U	940 U	900 U	890 U
PHENANTHRENE	64 J	100 J	360 U	390 U	370 U	370 U
PHENOL	410 U	400 U	360 U	390 U	370 U	370 U
PYRENE	41 J	88 J	200 J	390 U	310 J	420
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	10 P	12 P	3.6 U	3.6 U	3.7 U	3.6 U
4,4'-DDE	350	430	3.6 U	3.6 U	3.7 U	3.6 U
4,4'-DDT	520	640	3.6 U	3.6 U	3.7 U	3.6 U
ALDRIN	4.1 U	4.2 U	1.8 U	1.9 U	1.9 U	1.8 U
ALPHA-BHC	4.1 U	4.2 U	1.8 U	1.9 U	1.9 U	1.8 U
ALPHA-CHLORDANE	5	5.9	1.8 U	1.9 U	1.9 U	1.8 U

00005

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW1-0.252.25	19MW11-0.252.25	19MW2-0204	19MW2-0406	19MW12-0406	19MW3-0002
DEPTH (feet):	0.3 - 2.3'	0.3 - 2.3'	2 - 4'	4 - 6'	4 - 6'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/24/93	03/24/93	03/24/93	03/25/93
LOCATION:	19MW1	19MW1	19MW2	19MW2	19MW2	19MW3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		19MW1-0.252.25			19MW2-0406	
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1016	79 U	81 U	36 U	36 U	37 U	36 U
AROCLOR-1221	160 U	160 U	73 U	74 U	75 U	72 U
AROCLOR-1232	79 U	81 U	36 U	36 U	37 U	36 U
AROCLOR-1242	79 U	81 U	36 U	36 U	37 U	36 U
AROCLOR-1248	79 U	81 U	36 U	36 U	37 U	36 U
AROCLOR-1254	79 U	81 U	36 U	36 U	37 U	36 U
AROCLOR-1260	79 U	81 U	140	36 U	42	56
BETA-BHC	4.1 U	4.2 U	1.8 U	1.9 U	1.9 U	1.8 U
DELTA-BHC	4.1 U	4.2 U	1.8 U	1.9 U	1.9 U	1.8 U
DIELDRIN	7.9 U	8.1 U	3.6 U	3.6 U	3.7 U	3.6 U
ENDOSULFAN I	4.1 U	4.2 U	1.8 U	1.9 U	1.9 U	1.8 U
ENDOSULFAN II	7.9 U	8.1 U	3.6 U	3.6 U	3.7 U	3.6 U
ENDOSULFAN SULFATE	7.9 U	8.1 U	3.6 U	3.6 U	3.7 U	3.6 U
ENDRIN	7.9 U	8.1 U	3.6 U	3.6 U	3.7 U	3.6 U
ENDRIN ALDEHYDE	7.9 U	8.1 U	3.6 U	3.6 U	3.7 U	3.6 U
ENDRIN KETONE	7.9 U	8.1 U	3.6 U	3.6 U	3.7 U	3.6 U
GAMMA-BHC (LINDANE)	4.1 U	4.2 U	1.8 U	1.9 U	1.9 U	1.8 U
GAMMA-CHLORDANE	4.1 U	4.2 U	1.8 U	1.9 U	1.9 U	1.8 U
HEPTACHLOR	4.1 U	4.2 U	1.8 U	1.9 U	1.9 U	1.8 U
HEPTACHLOR EPOXIDE	4.1 U	4.2 U	1.8 U	1.9 U	1.9 U	1.8 U
METHOXYCHLOR	41 U	42 U	18 U	19 U	19 U	18 U

90000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW1-0.252.25	19MW11-0.252.25	19MW2-0204	19MW2-0406	19MW12-0406	19MW3-0002
DEPTH (feet):	0.3 - 2.3'	0.3 - 2.3'	2 - 4'	4 - 6'	4 - 6'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/24/93	03/24/93	03/24/93	03/25/93
LOCATION:	19MW1	19MW1	19MW2	19MW2	19MW2	19MW3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		19MW1-0.252.25			19MW2-0406	
PESTICIDES/PCBs (µg/kg)						
TOXAPHENE	410 U	420 U	180 U	190 U	190 U	180 U
METALS (mg/kg)						
ALUMINUM	12200	13600	4300	5120	3530	4980
ANTIMONY	6.5 U	5.7 U	2.3 UN	2.8 UN	3.2 UN	2.8 UN
ARSENIC	3.5	3	1.5 BS	1.1 B	0.81 B	1 B
BARIUM	44.7	47.8	29.6 B	29.2 B	23.3 B	35.4 B
BERYLLIUM	0.91 B	0.83 B	0.18 B	0.17 B	0.12 B	0.21 B
BORON	109 U	95.4 U	2.7 U	3.3 U	3.8 U	19.7 B
CADMIUM	0.44 U	0.38 U	0.4 U	0.49 U	0.56 U	0.49 U
CALCIUM	896 B	455 B	918	1770	1200	849 B
CHROMIUM	23.4	18.4	8.4	10.5	6.9	12.4
COBALT	3.9 B	4.3 B	4 B	4.7 B	3 B	4.7 B
COPPER	10.4	9.5	14.9	17.6	18	18.4
CYANIDE	1.1 U	1.2 U	0.24 B	0.16 U	0.17 U	0.17 U
IRON	11300	13100	5950	7580	5140	10400
LEAD	15.6	15.5	6.6 S	6.4 S	5.6 S	13.3 S
MAGNESIUM	1490	1510	1970	2590	1580	2860
MANGANESE	300	281	112	121	105	94.1
MERCURY	0.1	0.09	0.04 U	0.05 U	0.11 U	0.33 U
NICKEL	7 B	7.3 B	7.6	7.2 B	3.1 B	9.4
POTASSIUM	239 B	256 B	1260	1070	928 B	1240

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW1-0.252.25	19MW11-0.252.25	19MW2-0204	19MW2-0406	19MW12-0406	19MW3-0002
DEPTH (feet):	0.3 - 2.3'	0.3 - 2.3'	2 - 4'	4 - 6'	4 - 6'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/24/93	03/24/93	03/24/93	03/25/93
LOCATION:	19MW1	19MW1	19MW2	19MW2	19MW2	19MW3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		19MW1-0.252.25			19MW2-0406	
METALS (mg/kg)						
SELENIUM	1.1 B	0.67 B	0.18 U	0.17 U	0.17 U	0.19 U
SILVER	0.87 U	0.76 U	0.4 U	0.49 U	0.56 U	0.49 U
SODIUM	119 B	113 B	179 B	313 B	150 B	296 B
THALLIUM	0.23 U	0.21 U	0.11 U	0.1 UW	0.1 UW	0.11 UW
VANADIUM	19.7	22.9	10.9	14.6	8.8 B	15.6
ZINC	32.4	39.9	22.8	22	15.3	32.2
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	75 U	78 U		67 U	82	

80008

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW3-0406	19MW4-0002	19MW4-0004	19MW4-0608	19SS1	19TB1-0002
DEPTH (feet):	4 - 6'	0 - 2'	0 - 4'	6 - 8'	0 - 0.5'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/25/93	03/23/93	03/23/93	03/23/93	04/07/93	03/23/93
LOCATION:	19MW3	19MW4	19MW4	19MW4	19SS1	19TB1
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	2800 U	55 U		57 U	11 U	10 U
1,1,2,2-TETRACHLOROETHANE	2800 U	55 U		57 U	11 U	10 U
1,1,2-TRICHLOROETHANE	2800 U	55 U		57 U	11 U	10 U
1,1-DICHLOROETHANE	2800 U	55 U		57 U	11 U	10 U
1,1-DICHLOROETHENE	2800 U	55 U		57 U	11 U	10 U
1,2-DICHLOROETHANE	2800 U	55 U		57 U	11 U	10 U
1,2-DICHLOROETHENE (TOTAL)	2800 U	55 U		57 U	11 U	10 U
1,2-DICHLOROPROPANE	2800 U	55 U		57 U	11 U	10 U
2-BUTANONE	2800 U	55 U		57 U	11 U	10 U
2-HEXANONE	2800 U	55 U		57 U	11 U	10 U
4-METHYL-2-PENTANONE	2800 U	55 U		57 U	11 U	10 U
ACETONE	2800 U	140		180	140	25
BENZENE	2800 U	55 U		57 U	11 U	10 U
BROMODICHLOROMETHANE	2800 U	55 U		57 U	11 U	10 U
BROMOFORM	2800 U	55 U		57 U	11 U	10 U
BROMOMETHANE	2800 U	55 U		57 U	11 U	10 U
CARBON DISULFIDE	2800 U	55 U		57 U	11 U	10 U
CARBON TETRACHLORIDE	2800 U	55 U		57 U	11 U	10 U
CHLOROBENZENE	2800 U	55 U		57 U	11 U	10 U
CHLOROETHANE	2800 U	55 U		57 U	11 U	10 U
CHLOROFORM	2800 U	55 U		57 U	11 U	10 U
CHLOROMETHANE	2800 U	55 U		57 U	11 U	10 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW3-0406	19MW4-0002	19MW4-0004	19MW4-0608	19SS1	19TB1-0002
DEPTH (feet):	4 - 6'	0 - 2'	0 - 4'	6 - 8'	0 - 0.5'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/25/93	03/23/93	03/23/93	03/23/93	04/07/93	03/23/93
LOCATION:	19MW3	19MW4	19MW4	19MW4	19SS1	19TB1
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	2800 U	55 U		57 U	11 U	10 U
DIBROMOCHLOROMETHANE	2800 U	55 U		57 U	11 U	10 U
ETHYLBENZENE	2800 U	38 J		33 J	11 U	10 U
METHYLENE CHLORIDE	1900 BJ	20 BJ		19 BJ	8 JB	6 BJ
STYRENE	2800 U	55 U		57 U	11 U	10 U
TETRACHLOROETHENE	2800 U	55 U		57 U	11 U	10 U
TOLUENE	2800 U	10 J		57 U	11 U	10 U
TRANS-1,3-DICHLOROPROPENE	2800 U	55 U		57 U	11 U	10 U
TRICHLOROETHENE	2800 U	55 U		57 U	11 U	10 U
VINYL CHLORIDE	2800 U	55 U		57 U	11 U	10 U
XYLENES, TOTAL	2800 U	150		32 J	11 U	10 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	12000 U		1400 U	10000 U	20000 U	
1,2-DICHLOROBENZENE	12000 U		1400 U	10000 U	20000 U	
1,3-DICHLOROBENZENE	12000 U		1400 U	10000 U	20000 U	
1,4-DICHLOROBENZENE	12000 U		1400 U	10000 U	20000 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	12000 U		1400 U	10000 U	20000 U	
2,4,5-TRICHLOROPHENOL	29000 U		3500 U	26000 U	49000 U	
2,4,6-TRICHLOROPHENOL	12000 U		1400 U	10000 U	20000 U	
2,4-DICHLOROPHENOL	12000 U		1400 U	10000 U	20000 U	
2,4-DIMETHYLPHENOL	12000 U		1400 U	10000 U	20000 U	
2,4-DINITROPHENOL	29000 U		3500 U	26000 U	49000 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW3-0406	19MW4-0002	19MW4-0004	19MW4-0608	19SS1	19TB1-0002
DEPTH (feet):	4 - 6'	0 - 2'	0 - 4'	6 - 8'	0 - 0.5'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/25/93	03/23/93	03/23/93	03/23/93	04/07/93	03/23/93
LOCATION:	19MW3	19MW4	19MW4	19MW4	19SS1	19TB1
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	12000 U		1400 U	10000 U	20000 U	
2,6-DINITROTOLUENE	12000 U		1400 U	10000 U	20000 U	
2-CHLORONAPHTHALENE	12000 U		1400 U	10000 U	20000 U	
2-CHLOROPHENOL	12000 U		1400 U	10000 U	20000 U	
2-METHYLNAPHTHALENE	23000		960 J	9700 J	20000 U	
2-METHYLPHENOL	12000 U		1400 U	10000 U	20000 U	
2-NITROANILINE	29000 U		3500 U	26000 U	49000 U	
2-NITROPHENOL	12000 U		1400 U	10000 U	20000 U	
3,3'-DICHLOROBENZIDINE	12000 U		1400 U	10000 U	20000 U	
3-NITROANILINE	29000 U		3500 U	26000 U	49000 U	
4,6-DINITRO-2-METHYLPHENOL	29000 U		3500 U	26000 U	49000 U	
4-BROMOPHENYL PHENYL ETHER	12000 U		1400 U	10000 U	20000 U	
4-CHLORO-3-METHYLPHENOL	12000 U		1400 U	10000 U	20000 U	
4-CHLOROANILINE	12000 U		1400 U	10000 U	20000 U	
4-CHLOROPHENYL PHENYL ETHER	12000 U		1400 U	10000 U	20000 U	
4-METHYLPHENOL	12000 U		1400 U	10000 U	20000 U	
4-NITROANILINE	29000 U		3500 U	26000 U	49000 U	
4-NITROPHENOL	29000 U		3500 U	26000 U	49000 U	
ACENAPHTHENE	12000 U		1400 U	10000 U	20000 U	
ACENAPHTHYLENE	12000 U		1400 U	10000 U	20000 U	
ANTHRACENE	12000 U		1400 U	10000 U	20000 U	
BENZO(A)ANTHRACENE	12000 U		1400 U	10000 U	20000 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW3-0406	19MW4-0002	19MW4-0004	19MW4-0608	19SS1	19TB1-0002
DEPTH (feet):	4 - 6'	0 - 2'	0 - 4'	6 - 8'	0 - 0.5'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/25/93	03/23/93	03/23/93	03/23/93	04/07/93	03/23/93
LOCATION:	19MW3	19MW4	19MW4	19MW4	19SS1	19TB1
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	12000 U		1400 U	10000 U	20000 U	
BENZO(B)FLUORANTHENE	12000 U		1400 U	10000 U	20000 U	
BENZO(G,H,I)PERYLENE	12000 U		1400 U	10000 U	20000 U	
BENZO(K)FLUORANTHENE	12000 U		1400 U	10000 U	20000 U	
BIS(2-CHLOROETHOXY)METHANE	12000 U		1400 U	10000 U	20000 U	
BIS(2-CHLOROETHYL)ETHER	12000 U		1400 U	10000 U	20000 U	
BIS(2-ETHYLHEXYL)PHTHALATE	12000 U		1400 U	10000 U	20000 U	
BUTYLBENZYL PHTHALATE	12000 U		1400 U	10000 U	20000 U	
CARBAZOLE	12000 U		1400 U	10000 U	20000 U	
CHRYSENE	12000 U		1400 U	10000 U	20000 U	
DI-N-BUTYL PHTHALATE	12000 U		1400 U	10000 U	20000 U	
DI-N-OCTYL PHTHALATE	12000 U		1400 U	10000 U	20000 U	
DIBENZO(A,H)ANTHRACENE	12000 U		1400 U	10000 U	20000 U	
DIBENZOFURAN	12000 U		1400 U	10000 U	20000 U	
DIETHYL PHTHALATE	12000 U		1400 U	10000 U	20000 U	
DIMETHYL PHTHALATE	12000 U		1400 U	10000 U	20000 U	
FLUORANTHENE	12000 U		1400 U	10000 U	20000 U	
FLUORENE	12000 U		1400 U	10000 U	20000 U	
HEXACHLOROBENZENE	12000 U		1400 U	10000 U	20000 U	
HEXACHLOROBUTADIENE	12000 U		1400 U	10000 U	20000 U	
HEXACHLOROCYCLOPENTADIENE	12000 U		1400 U	10000 U	20000 U	
HEXACHLOROETHANE	12000 U		1400 U	10000 U	20000 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW3-0406	19MW4-0002	19MW4-0004	19MW4-0608	19SS1	19TB1-0002
DEPTH (feet):	4 - 6'	0 - 2'	0 - 4'	6 - 8'	0 - 0.5'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/25/93	03/23/93	03/23/93	03/23/93	04/07/93	03/23/93
LOCATION:	19MW3	19MW4	19MW4	19MW4	19SS1	19TB1
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	12000 U		1400 U	10000 U	20000 U	
ISOPHORONE	12000 U		1400 U	10000 U	20000 U	
N-NITROSO-DI-N-PROPYLAMINE	12000 U		1400 U	10000 U	20000 U	
N-NITROSODIPHENYLAMINE	12000 U		1400 U	10000 U	20000 U	
NAPHTHALENE	12000 U		1400 U	10000 U	20000 U	
NITROBENZENE	12000 U		1400 U	10000 U	20000 U	
PENTACHLOROPHENOL	29000 U		3500 U	26000 U	49000 U	
PHENANTHRENE	7000 J		1400 U	10000 U	20000 U	
PHENOL	12000 U		1400 U	10000 U	20000 U	
PYRENE	12000 U		1400 U	10000 U	20000 U	
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	3.7 U		3.5 U	3.8 U	36 U	
4,4'-DDE	3.7 U		3.5 U	3.8 U	56	
4,4'-DDT	3.7 U		3.5 U	3.8 U	36 U	
ALDRIN	1.9 U		1.8 U	2 U	18 U	
ALPHA-BHC	1.9 U		1.8 U	2 U	18 U	
ALPHA-CHLORDANE	1.9 U		1.8 U	2 U	18 U	
AROCLOR-1016	37 U		35 U	38 U	360 U	
AROCLOR-1221	76 U		72 U	77 U	720 U	
AROCLOR-1232	37 U		35 U	38 U	360 U	
AROCLOR-1242	37 U		35 U	38 U	360 U	
AROCLOR-1248	37 U		35 U	38 U	360 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW3-0406	19MW4-0002	19MW4-0004	19MW4-0608	19SS1	19TB1-0002
DEPTH (feet):	4 - 6'	0 - 2'	0 - 4'	6 - 8'	0 - 0.5'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/25/93	03/23/93	03/23/93	03/23/93	04/07/93	03/23/93
LOCATION:	19MW3	19MW4	19MW4	19MW4	19SS1	19TB1
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	37 U		35 U	38 U	360 U	
AROCLOR-1260	37 U		35 U	38 U	360 U	
BETA-BHC	1.9 U		1.8 U	2 U	18 U	
DELTA-BHC	1.9 U		1.8 U	2 U	18 U	
DIELDRIN	3.7 U		3.5 U	3.8 U	36 U	
ENDOSULFAN I	1.9 U		1.8 U	2 U	18 U	
ENDOSULFAN II	3.7 U		3.5 U	3.8 U	36 U	
ENDOSULFAN SULFATE	3.7 U		3.5 U	3.8 U	36 U	
ENDRIN	3.7 U		3.5 U	3.8 U	36 U	
ENDRIN ALDEHYDE	3.7 U		3.5 U	3.8 U	36 U	
ENDRIN KETONE	3.7 U		3.5 U	3.8 U	36 U	
GAMMA-BHC (LINDANE)	1.9 U		1.8 U	2 U	18 U	
GAMMA-CHLORDANE	1.9 U		1.8 U	2 U	18 U	
HEPTACHLOR	1.9 U		1.8 U	2 U	18 U	
HEPTACHLOR EPOXIDE	1.9 U		1.8 U	2 U	18 U	
METHOXYCHLOR	19 U		18 U	20 U	180 U	
TOXAPHENE	190 U		180 U	200 U	1800 U	
METALS (mg/kg)						
ALUMINUM	3190		4770	3210	4290	
ANTIMONY	2.8 UN		2.8 UN	2.7 UN	2.5 UN	
ARSENIC	0.34 B		1.3 B	1.7 BW	1.5 BN	
BARIUM	26.4 B		23.7 B	17.4 B	24.9 B	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW3-0406	19MW4-0002	19MW4-0004	19MW4-0608	19SS1	19TB1-0002
DEPTH (feet):	4 - 6'	0 - 2'	0 - 4'	6 - 8'	0 - 0.5'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/25/93	03/23/93	03/23/93	03/23/93	04/07/93	03/23/93
LOCATION:	19MW3	19MW4	19MW4	19MW4	19SS1	19TB1
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
BERYLLIUM	0.21 B		0.19 B	0.12 B	0.27 B	
BORON	3.3 U		3.3 U	3.2 U	1.8 U	
CADMIUM	0.49 U		0.49 U	0.47 U	0.36 UN	
CALCIUM	1000		781 B	521 B	760 B	
CHROMIUM	6.9		6.7	5.5	8.5	
COBALT	3.1 B		3.5 B	2.1 B	3.1 B	
COPPER	43.8		7.7	6.9	19.7	
CYANIDE	0.16 U		0.16 U	0.19 U	0.15 U	
IRON	4580		6150	4270	6520	
LEAD	14.6		12.5	4.4 S	48.4	
MAGNESIUM	1100		1680	1350	1630	
MANGANESE	48.2		96.5	57	84.9	
MERCURY	0.08 U		0.06 U	0.05 U	0.02 U	
NICKEL	8.1		4.6 B	3 B	8.1	
POTASSIUM	544 B		1090	1010	1060	
SELENIUM	0.2 U		0.16 U	0.2 U	0.15 UN	
SILVER	0.49 U		0.49 U	0.47 U	0.59 UN	
SODIUM	116 B		94.6 B	50.7 B	60.9 BE	
THALLIUM	0.12 U		0.1 UW	0.12 UW	0.18 BNW	
VANADIUM	7.9 B		11	7.7 B	12.1	
ZINC	43		21.74	13	38.7	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW3-0406	19MW4-0002	19MW4-0004	19MW4-0608	19SS1	19TB1-0002
DEPTH (feet):	4 - 6'	0 - 2'	0 - 4'	6 - 8'	0 - 0.5'	0 - 2'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/25/93	03/23/93	03/23/93	03/23/93	04/07/93	03/23/93
LOCATION:	19MW3	19MW4	19MW4	19MW4	19SS1	19TB1
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	5300			3300	6800	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB1-0004	19TB1-0608	19TB2-0002	19TB2-0608	19TB3-0204	19TB3-1012
DEPTH (feet):	0 - 4'	6 - 8'	0 - 2'	6 - 8'	2 - 4'	10 - 12'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/23/93	03/23/93	03/22/93	03/22/93	03/24/93	03/24/93
LOCATION:	19TB1	19TB1	19TB2	19TB2	19TB3	19TB3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE		13 U	10 U	11 U	11 U	11 U
1,1,2,2-TETRACHLOROETHANE		13 U	10 U	11 U	11 U	11 U
1,1,2-TRICHLOROETHANE		13 U	10 U	11 U	11 U	11 U
1,1-DICHLOROETHANE		13 U	10 U	11 U	11 U	11 U
1,1-DICHLOROETHENE		13 U	10 U	11 U	11 U	11 U
1,2-DICHLOROETHANE		13 U	10 U	11 U	11 U	11 U
1,2-DICHLOROETHENE (TOTAL)		13 U	10 U	11 U	11 U	11 U
1,2-DICHLOROPROPANE		13 U	10 U	11 U	11 U	11 U
2-BUTANONE		13 U	10 U	5 BJ	11 U	11 U
2-HEXANONE		13 U	10 U	11 U	11 U	11 U
4-METHYL-2-PENTANONE		13 U	10 U	11 U	11 U	11 U
ACETONE		28	8 J	44	20	26
BENZENE		13 U	10 U	11 U	11 U	11 U
BROMODICHLOROMETHANE		13 U	10 U	11 U	11 U	11 U
BROMOFORM		13 U	10 U	11 U	11 U	11 U
BROMOMETHANE		13 U	10 U	11 U	11 U	11 U
CARBON DISULFIDE		13 U	10 U	11 U	11 U	11 U
CARBON TETRACHLORIDE		13 U	10 U	11 U	11 U	11 U
CHLOROBENZENE		13 U	10 U	11 U	11 U	11 U
CHLOROETHANE		13 U	10 U	11 U	11 U	11 U
CHLOROFORM		13 U	10 U	11 U	11 U	11 U
CHLOROMETHANE		13 U	10 U	11 U	11 U	11 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB1-0004	19TB1-0608	19TB2-0002	19TB2-0608	19TB3-0204	19TB3-1012
DEPTH (feet):	0 - 4'	6 - 8'	0 - 2'	6 - 8'	2 - 4'	10 - 12'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/23/93	03/23/93	03/22/93	03/22/93	03/24/93	03/24/93
LOCATION:	19TB1	19TB1	19TB2	19TB2	19TB3	19TB3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE		13 U	10 U	11 U	11 U	11 U
DIBROMOCHLOROMETHANE		13 U	10 U	11 U	11 U	11 U
ETHYLBENZENE		13 U	10 U	11 U	11 U	11 U
METHYLENE CHLORIDE		6 BJ	4 BJ	7 BJ	6 BJ	7 BJ
STYRENE		13 U	10 U	11 U	11 U	11 U
TETRACHLOROETHENE		13 U	10 U	11 U	11 U	11 U
TOLUENE		13 U	10 U	3 J	11 U	11 U
TRANS-1,3-DICHLOROPROPENE		13 U	10 U	11 U	11 U	11 U
TRICHLOROETHENE		13 U	10 U	11 U	11 U	11 U
VINYL CHLORIDE		13 U	10 U	11 U	11 U	11 U
XYLENES, TOTAL		13 U	10 U	7 J	11 U	11 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	350 U	390 U	340 U	22000 U	370 U	370 U
1,2-DICHLOROBENZENE	350 U	390 U	340 U	22000 U	370 U	370 U
1,3-DICHLOROBENZENE	350 U	390 U	340 U	22000 U	370 U	370 U
1,4-DICHLOROBENZENE	350 U	390 U	340 U	22000 U	370 U	370 U
2,2'-OXYBIS(1-CHLOROPROPANE)	350 U	390 U	340 U	22000 U	370 U	370 U
2,4,5-TRICHLOROPHENOL	840 U	940 U	830 U	56000 U	890 U	900 U
2,4,6-TRICHLOROPHENOL	350 U	390 U	340 U	22000 U	370 U	370 U
2,4-DICHLOROPHENOL	350 U	390 U	340 U	22000 U	370 U	370 U
2,4-DIMETHYLPHENOL	350 U	390 U	340 U	22000 U	370 U	370 U
2,4-DINITROPHENOL	840 U	940 U	830 U	56000 U	890 U	900 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB1-0004	19TB1-0608	19TB2-0002	19TB2-0608	19TB3-0204	19TB3-1012
DEPTH (feet):	0 - 4'	6 - 8'	0 - 2'	6 - 8'	2 - 4'	10 - 12'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/23/93	03/23/93	03/22/93	03/22/93	03/24/93	03/24/93
LOCATION:	19TB1	19TB1	19TB2	19TB2	19TB3	19TB3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	350 U	390 U	340 U	22000 U	370 U	370 U
2,6-DINITROTOLUENE	350 U	390 U	340 U	22000 U	370 U	370 U
2-CHLORONAPHTHALENE	350 U	390 U	340 U	22000 U	370 U	370 U
2-CHLOROPHENOL	350 U	390 U	340 U	22000 U	370 U	370 U
2-METHYLNAPHTHALENE	350 U	390 U	340 U	22000 U	370 U	370 U
2-METHYLPHENOL	350 U	390 U	340 U	22000 U	370 U	370 U
2-NITROANILINE	840 U	940 U	830 U	56000 U	890 U	900 U
2-NITROPHENOL	350 U	390 U	340 U	22000 U	370 U	370 U
3,3'-DICHLOROBENZIDINE	350 U	390 U	340 U	22000 U	370 U	370 U
3-NITROANILINE	840 U	940 U	830 U	56000 U	890 U	900 U
4,6-DINITRO-2-METHYLPHENOL	840 U	940 U	830 U	56000 U	890 U	900 U
4-BROMOPHENYL PHENYL ETHER	350 U	390 U	340 U	22000 U	370 U	370 U
4-CHLORO-3-METHYLPHENOL	350 U	390 U	340 U	22000 U	370 U	370 U
4-CHLOROANILINE	350 U	390 U	340 U	22000 U	370 U	370 U
4-CHLOROPHENYL PHENYL ETHER	350 U	390 U	340 U	22000 U	370 U	370 U
4-METHYLPHENOL	350 U	390 U	340 U	22000 U	370 U	370 U
4-NITROANILINE	840 U	940 U	830 U	56000 U	890 U	900 U
4-NITROPHENOL	840 U	940 U	830 U	56000 U	890 U	900 U
ACENAPHTHENE	350 U	390 U	340 U	22000 U	370 U	370 U
ACENAPHTHYLENE	350 U	390 U	340 U	22000 U	370 U	370 U
ANTHRACENE	350 U	390 U	340 U	22000 U	370 U	370 U
BENZO(A)ANTHRACENE	350 U	390 U	340 U	22000 U	370 U	370 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB1-0004	19TB1-0608	19TB2-0002	19TB2-0608	19TB3-0204	19TB3-1012
DEPTH (feet):	0 - 4'	6 - 8'	0 - 2'	6 - 8'	2 - 4'	10 - 12'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/23/93	03/23/93	03/22/93	03/22/93	03/24/93	03/24/93
LOCATION:	19TB1	19TB1	19TB2	19TB2	19TB3	19TB3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	350 U	390 U	340 U	22000 U	370 U	370 U
BENZO(B)FLUORANTHENE	350 U	390 U	340 U	22000 U	370 U	370 U
BENZO(G,H,I)PERYLENE	350 U	390 U	340 U	22000 U	370 U	370 U
BENZO(K)FLUORANTHENE	350 U	390 U	340 U	22000 U	370 U	370 U
BIS(2-CHLOROETHOXY)METHANE	350 U	390 U	340 U	22000 U	370 U	370 U
BIS(2-CHLOROETHYL)ETHER	350 U	390 U	340 U	22000 U	370 U	370 U
BIS(2-ETHYLHEXYL)PHTHALATE	350 U	390 U	340 U	22000 U	370 U	370 U
BUTYLBENZYL PHTHALATE	350 U	390 U	340 U	22000 U	370 U	370 U
CARBAZOLE	350 U	390 U	340 U	22000 U	370 U	370 U
CHRYSENE	350 U	390 U	340 U	22000 U	370 U	370 U
DI-N-BUTYL PHTHALATE	350 U	390 U	340 U	22000 U	370 U	370 U
DI-N-OCTYL PHTHALATE	350 U	390 U	340 U	22000 U	370 U	370 U
DIBENZO(A,H)ANTHRACENE	350 U	390 U	340 U	22000 U	370 U	370 U
DIBENZOFURAN	350 U	390 U	340 U	22000 U	370 U	370 U
DIETHYL PHTHALATE	350 U	390 U	340 U	22000 U	370 U	370 U
DIMETHYL PHTHALATE	350 U	390 U	340 U	22000 U	370 U	370 U
FLUORANTHENE	350 U	390 U	340 U	22000 U	370 U	370 U
FLUORENE	350 U	390 U	340 U	22000 U	370 U	370 U
HEXACHLOROBENZENE	350 U	390 U	340 U	22000 U	370 U	370 U
HEXACHLOROBUTADIENE	350 U	390 U	340 U	22000 U	370 U	370 U
HEXACHLOROCYCLOPENTADIENE	350 U	390 U	340 U	22000 U	370 U	370 U
HEXACHLOROETHANE	350 U	390 U	340 U	22000 U	370 U	370 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB1-0004	19TB1-0608	19TB2-0002	19TB2-0608	19TB3-0204	19TB3-1012
DEPTH (feet):	0 - 4'	6 - 8'	0 - 2'	6 - 8'	2 - 4'	10 - 12'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/23/93	03/23/93	03/22/93	03/22/93	03/24/93	03/24/93
LOCATION:	19TB1	19TB1	19TB2	19TB2	19TB3	19TB3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	350 U	390 U	340 U	22000 U	370 U	370 U
ISOPHORONE	350 U	390 U	340 U	22000 U	370 U	370 U
N-NITROSO-DI-N-PROPYLAMINE	350 U	390 U	340 U	22000 U	370 U	370 U
N-NITROSODIPHENYLAMINE	350 U	390 U	340 U	22000 U	370 U	370 U
NAPHTHALENE	350 U	390 U	340 U	22000 U	370 U	370 U
NITROBENZENE	350 U	390 U	340 U	22000 U	370 U	370 U
PENTACHLOROPHENOL	840 U	940 U	830 U	56000 U	890 U	900 U
PHENANTHRENE	350 U	390 U	340 U	22000 U	370 U	370 U
PHENOL	350 U	390 U	340 U	22000 U	370 U	370 U
PYRENE	350 U	390 U	340 U	22000 U	370 U	370 U
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	4 U	3.9 U	3.4 U	3.6 U	3.6 U	3.7 U
4,4'-DDE	4 U	3.9 U	3.4 U	3.6 U	3.6 U	3.7 U
4,4'-DDT	4 U	3.9 U	3.4 U	3.6 U	3.6 U	3.7 U
ALDRIN	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
ALPHA-BHC	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
ALPHA-CHLORDANE	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
AROCLOR-1016	40 U	39 U	34 U	36 U	36 U	37 U
AROCLOR-1221	80 U	79 U	69 U	73 U	74 U	76 U
AROCLOR-1232	40 U	39 U	34 U	36 U	36 U	37 U
AROCLOR-1242	40 U	39 U	34 U	36 U	36 U	37 U
AROCLOR-1248	40 U	39 U	34 U	36 U	36 U	37 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB1-0004	19TB1-0608	19TB2-0002	19TB2-0608	19TB3-0204	19TB3-1012
DEPTH (feet):	0 - 4'	6 - 8'	0 - 2'	6 - 8'	2 - 4'	10 - 12'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/23/93	03/23/93	03/22/93	03/22/93	03/24/93	03/24/93
LOCATION:	19TB1	19TB1	19TB2	19TB2	19TB3	19TB3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	40 U	39 U	34 U	36 U	36 U	37 U
AROCLOR-1260	40 U	39 U	34 U	130	36 U	37 U
BETA-BHC	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
DELTA-BHC	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
DIELDRIN	4 U	3.9 U	3.4 U	3.6 U	3.6 U	3.7 U
ENDOSULFAN I	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
ENDOSULFAN II	4 U	3.9 U	3.4 U	3.6 U	3.6 U	3.7 U
ENDOSULFAN SULFATE	4 U	3.9 U	3.4 U	3.6 U	3.6 U	3.7 U
ENDRIN	4 U	3.9 U	3.4 U	3.6 U	3.6 U	3.7 U
ENDRIN ALDEHYDE	4 U	3.9 U	3.4 U	3.6 U	3.6 U	3.7 U
ENDRIN KETONE	4 U	3.9 U	3.4 U	3.6 U	3.6 U	3.7 U
GAMMA-BHC (LINDANE)	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
GAMMA-CHLORDANE	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
HEPTACHLOR	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
HEPTACHLOR EPOXIDE	2 U	2 U	1.7 U	1.9 U	1.9 U	1.9 U
METHOXYCHLOR	20 U	20 U	17 U	19 U	19 U	19 U
TOXAPHENE	200 U	200 U	170 U	190 U	190 U	190 U
METALS (mg/kg)						
ALUMINUM	3360	1880	1940	5250	6930 J	5500
ANTIMONY	2.6 UN	2.8 UN	2.7 UN	2.3 UN	2.7 UJ	2.9 UN
ARSENIC	0.52 BW	0.39 BW	1 B	2.2	0.46 J	2.4
BARIUM	23.4 B	13.6 B	33.1 B	34.4	53.6 J	40.7

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB1-0004	19TB1-0608	19TB2-0002	19TB2-0608	19TB3-0204	19TB3-1012
DEPTH (feet):	0 - 4'	6 - 8'	0 - 2'	6 - 8'	2 - 4'	10 - 12'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/23/93	03/23/93	03/22/93	03/22/93	03/24/93	03/24/93
LOCATION:	19TB1	19TB1	19TB2	19TB2	19TB3	19TB3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
BERYLLIUM	0.16 B	0.08 U	0.09 B	0.2 B	0.24 U	0.12 B
BORON	3 U	3.3 U	3.2 U	2.7 U	3.2 UJ	3.5 U
CADMIUM	0.44 U	0.48 U	0.47 U	0.39 U	0.46 UJ	0.51 U
CALCIUM	1560	706 B	881 B	673 B	842 J	936 B
CHROMIUM	7.7	2.5	5	9.2	15.9 J	11.6
COBALT	2.6 B	0.98 B	1.9 B	4.3 B	4.8 J	4 B
COPPER	9.4	2.7 B	5.5	8	5.6 J	12.7
CYANIDE	0.16 U	0.18 U	0.16 U	0.15 U	0.15 UJ	0.17 B
IRON	5820	3450	4290	8620	10400 J	7010
LEAD	13.7	1.3 S	6.1 S	2.7 S	1.7 J	1.9 S
MAGNESIUM	1570	796 B	882 B	2160	3160 J	2550
MANGANESE	90.2	48.4	120	101	148 J	144
MERCURY	0.04 U	0.07 U	0.06 U	0.07 U	0.11 U	0.09 U
NICKEL	4 B	2 U	2 U	6.1 B	6.4 J	7.5 B
POTASSIUM	1360	765 B	655 B	1910	3100 J	1670
SELENIUM	0.19 U	0.22 U	0.18 U	0.19 U	0.2 UJ	0.17 U
SILVER	0.44 U	0.48 U	0.47 U	0.39 U	0.46 UJ	0.51 U
SODIUM	63.2 B	59.7 B	73.8 B	125 B	318 J	529 B
THALLIUM	0.11 UW	0.13 U	0.11 UW	0.11 UW	0.13 UJ	0.1 UW
VANADIUM	8.9	4.3 B	5.9 B	14.3	18.3 J	13.6
ZINC	26.5	10.9	14	20	22.9 J	17.2

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB1-0004	19TB1-0608	19TB2-0002	19TB2-0608	19TB3-0204	19TB3-1012
DEPTH (feet):	0 - 4'	6 - 8'	0 - 2'	6 - 8'	2 - 4'	10 - 12'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/23/93	03/23/93	03/22/93	03/22/93	03/24/93	03/24/93
LOCATION:	19TB1	19TB1	19TB2	19TB2	19TB3	19TB3
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		82		6200		66 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB4-0002	19TB4-0204	19TB4-0406	LS5SB0010101	SBFD003	LS5SB0010201
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	2 - 4'	2 - 4'	5 - 7'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	03/24/93	03/24/93	03/24/93	09/24/97	09/24/97	09/24/97
LOCATION:	19TB4	19TB4	19TB4	TB1-5RI	TB1-5RI	TB1-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS5SB0010101	
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	11 U		11 U			
1,1,2,2-TETRACHLOROETHANE	11 U		11 U			
1,1,2-TRICHLOROETHANE	11 U		11 U			
1,1-DICHLOROETHANE	11 U		11 U			
1,1-DICHLOROETHENE	11 U		11 U			
1,2-DICHLOROETHANE	11 U		11 U			
1,2-DICHLOROETHENE (TOTAL)	11 U		11 U			
1,2-DICHLOROPROPANE	11 U		11 U			
2-BUTANONE	11 U		11 U			
2-HEXANONE	11 U		11 U			
4-METHYL-2-PENTANONE	11 U		11 U			
ACETONE	28 B		120 B			
BENZENE	11 U		11 U			
BROMODICHLOROMETHANE	11 U		11 U			
BROMOFORM	11 U		11 U			
BROMOMETHANE	11 U		11 U			
CARBON DISULFIDE	11 U		11 U			
CARBON TETRACHLORIDE	11 U		11 U			
CHLOROBENZENE	11 U		11 U			
CHLOROETHANE	11 U		11 U			
CHLOROFORM	11 U		11 U			
CHLOROMETHANE	11 U		11 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB4-0002	19TB4-0204	19TB4-0406	LS5SB0010101	SBFD003	LS5SB0010201
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	2 - 4'	2 - 4'	5 - 7'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	03/24/93	03/24/93	03/24/93	09/24/97	09/24/97	09/24/97
LOCATION:	19TB4	19TB4	19TB4	TB1-5RI	TB1-5RI	TB1-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS5SB0010101	
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	11 U		11 U			
DIBROMOCHLOROMETHANE	11 U		11 U			
ETHYLBENZENE	11 U		11 U			
METHYLENE CHLORIDE	9 BJ		8 BJ			
STYRENE	11 U		11 U			
TETRACHLOROETHENE	11 U		11 U			
TOLUENE	11 U		11 U			
TRANS-1,3-DICHLOROPROPENE	11 U		11 U			
TRICHLOROETHENE	11 U		11 U			
VINYL CHLORIDE	11 U		11 U			
XYLENES, TOTAL	11 U		11 U			
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U		370 U	360 U	360 U	7300 U
1,2-DICHLOROBENZENE	360 U		370 U	360 U	360 U	7300 U
1,3-DICHLOROBENZENE	360 U		370 U	360 U	360 U	7300 U
1,4-DICHLOROBENZENE	360 U		370 U	360 U	360 U	7300 U
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U		370 U	360 U	360 U	7300 U
2,4,5-TRICHLOROPHENOL	880 U		890 U	910 U	910 U	18000 U
2,4,6-TRICHLOROPHENOL	360 U		370 U	360 U	360 U	7300 U
2,4-DICHLOROPHENOL	360 U		370 U	360 U	360 U	7300 U
2,4-DIMETHYLPHENOL	360 U		370 U	360 U	360 U	7300 U
2,4-DINITROPHENOL	880 U		890 U	910 U	910 U	18000 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB4-0002	19TB4-0204	19TB4-0406	LS5SB0010101	SBFD003	LS5SB0010201
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	2 - 4'	2 - 4'	5 - 7'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	03/24/93	03/24/93	03/24/93	09/24/97	09/24/97	09/24/97
LOCATION:	19TB4	19TB4	19TB4	TB1-5RI	TB1-5RI	TB1-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS5SB0010101	
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	360 U		370 U	360 U	360 U	7300 U
2,6-DINITROTOLUENE	360 U		370 U	360 U	360 U	7300 U
2-CHLORONAPHTHALENE	360 U		370 U	360 U	360 U	7300 U
2-CHLOROPHENOL	360 U		370 U	360 U	360 U	7300 U
2-METHYLNAPHTHALENE	360 U		370 U	360 U	27 J	21000
2-METHYLPHENOL	360 U		370 U	360 U	360 U	7300 U
2-NITROANILINE	880 U		890 U	910 U	910 U	18000 U
2-NITROPHENOL	360 U		370 U	360 U	360 U	7300 U
3,3'-DICHLOROBENZIDINE	360 U		370 U	360 U	360 UJ	7300 UJ
3-NITROANILINE	880 U		890 U	910 U	910 U	18000 U
4,6-DINITRO-2-METHYLPHENOL	880 U		890 U	910 U	910 U	18000 U
4-BROMOPHENYL PHENYL ETHER	360 U		370 U	360 U	360 U	7300 U
4-CHLORO-3-METHYLPHENOL	360 U		370 U	360 U	360 U	7300 U
4-CHLOROANILINE	360 U		370 U	360 U	360 U	7300 U
4-CHLOROPHENYL PHENYL ETHER	360 U		370 U	360 U	360 U	7300 U
4-METHYLPHENOL	360 U		370 U	360 U	360 U	7300 U
4-NITROANILINE	880 U		890 U	910 U	910 U	18000 U
4-NITROPHENOL	880 U		890 U	910 U	910 U	18000 U
ACENAPHTHENE	360 U		370 U	20 J	360 U	7300 U
ACENAPHTHYLENE	360 U		370 U	360 U	360 U	7300 U
ANTHRACENE	360 U		370 U	43 J	22 J	7300 U
BENZO(A)ANTHRACENE	360 U		370 U	160 J	150 J	7300 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB4-0002	19TB4-0204	19TB4-0406	LS5SB0010101	SBFD003	LS5SB0010201
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	2 - 4'	2 - 4'	5 - 7'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	03/24/93	03/24/93	03/24/93	09/24/97	09/24/97	09/24/97
LOCATION:	19TB4	19TB4	19TB4	TB1-5RI	TB1-5RI	TB1-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS5SB0010101	
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	360 U		370 U	160 J	150 J	7300 U
BENZO(B)FLUORANTHENE	360 U		370 U	170 J	170 J	7300 U
BENZO(G,H,I)PERYLENE	360 U		370 U	79 J	84 J	7300 U
BENZO(K)FLUORANTHENE	360 U		370 U	130 J	120 J	7300 U
BIS(2-CHLOROETHOXY)METHANE	360 U		370 U	360 U	360 U	7300 U
BIS(2-CHLOROETHYL)ETHER	360 U		370 U	360 U	360 U	7300 U
BIS(2-ETHYLHEXYL)PHTHALATE	360 U		370 U	360 U	360 U	7300 U
BUTYLBENZYL PHTHALATE	360 U		370 U	360 U	360 U	7300 U
CARBAZOLE	360 U		370 U	25 J	21 J	7300 U
CHRYSENE	360 U		370 U	170 J	140 J	7300 U
DI-N-BUTYL PHTHALATE	360 U		370 U	360 U	360 U	7300 U
DI-N-OCTYL PHTHALATE	360 U		370 U	360 U	360 UJ	7300 UJ
DIBENZO(A,H)ANTHRACENE	360 U		370 U	32 J	46 J	7300 U
DIBENZOFURAN	360 U		370 U	360 U	360 U	7300 U
DIETHYL PHTHALATE	360 U		370 U	360 U	360 U	7300 U
DIMETHYL PHTHALATE	360 U		370 U	360 U	360 U	7300 U
FLUORANTHENE	360 U		370 U	270 J	210 J	7300 U
FLUORENE	360 U		370 U	360 U	360 U	4100 J
HEXACHLOROBENZENE	360 U		370 U	360 U	360 U	7300 U
HEXACHLOROBUTADIENE	360 U		370 U	360 U	360 U	7300 U
HEXACHLOROCYCLOPENTADIENE	360 U		370 U	360 U	360 U	7300 U
HEXACHLOROETHANE	360 U		370 U	360 U	360 U	7300 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB4-0002	19TB4-0204	19TB4-0406	LS5SB0010101	SBFD003	LS5SB0010201
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	2 - 4'	2 - 4'	5 - 7'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	03/24/93	03/24/93	03/24/93	09/24/97	09/24/97	09/24/97
LOCATION:	19TB4	19TB4	19TB4	TB1-5RI	TB1-5RI	TB1-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS5SB0010101	
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	360 U		370 U	93 J	91 J	7300 U
ISOPHORONE	360 U		370 U	360 U	360 U	7300 U
N-NITROSO-DI-N-PROPYLAMINE	360 U		370 U	360 U	360 U	7300 U
N-NITROSODIPHENYLAMINE	360 U		370 U	360 U	360 U	7300 U
NAPHTHALENE	360 U		370 U	360 U	360 U	4500 J
NITROBENZENE	360 U		370 U	360 U	360 U	7300 U
PENTACHLOROPHENOL	880 U		890 U	910 U	910 U	18000 U
PHENANTHRENE	360 U		370 U	200 J	130 J	5800 J
PHENOL	360 U		370 U	360 U	360 U	7300 U
PYRENE	360 U		370 U	290 J	230 J	1100 J
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	3.5 U		3.7 U			
4,4'-DDE	3.5 U		3.7 U			
4,4'-DDT	3.5 U		3.7 U			
ALDRIN	1.8 U		1.9 U			
ALPHA-BHC	1.8 U		1.9 U			
ALPHA-CHLORDANE	1.8 U		1.9 U			
AROCLOR-1016	35 U		37 U			
AROCLOR-1221	72 U		74 U			
AROCLOR-1232	35 U		37 U			
AROCLOR-1242	35 U		37 U			
AROCLOR-1248	35 U		37 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB4-0002	19TB4-0204	19TB4-0406	LS5SB0010101	SBFD003	LS5SB0010201
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	2 - 4'	2 - 4'	5 - 7'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	03/24/93	03/24/93	03/24/93	09/24/97	09/24/97	09/24/97
LOCATION:	19TB4	19TB4	19TB4	TB1-5RI	TB1-5RI	TB1-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS5SB0010101	
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	35 U		37 U			
AROCLOR-1260	55		120			
BETA-BHC	1.8 U		1.9 U			
DELTA-BHC	1.8 U		1.9 U			
DIELDRIN	3.5 U		3.7 U			
ENDOSULFAN I	1.8 U		1.9 U			
ENDOSULFAN II	3.5 U		3.7 U			
ENDOSULFAN SULFATE	3.5 U		3.7 U			
ENDRIN	3.5 U		3.7 U			
ENDRIN ALDEHYDE	3.5 U		3.7 U			
ENDRIN KETONE	3.5 U		3.7 U			
GAMMA-BHC (LINDANE)	1.8 U		1.9 U			
GAMMA-CHLORDANE	1.8 U		1.9 U			
HEPTACHLOR	1.8 U		1.9 U			
HEPTACHLOR EPOXIDE	1.8 U		1.9 U			
METHOXYCHLOR	18 U		19 U			
TOXAPHENE	180 U		190 U			
METALS (mg/kg)						
ALUMINUM	4300 J		4610	4460	3730	2890
ANTIMONY	2.9 U		2.7 UN	0.41 UJ	0.36 UJ	0.50 UJ
ARSENIC	0.52 J		0.74 B	1.6	1.3	2.2
BARIUM	33.1 J		36 B	34.4	29.2	15.1

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB4-0002	19TB4-0204	19TB4-0406	LS5SB0010101	SBFD003	LS5SB0010201
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	2 - 4'	2 - 4'	5 - 7'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	03/24/93	03/24/93	03/24/93	09/24/97	09/24/97	09/24/97
LOCATION:	19TB4	19TB4	19TB4	TB1-5RI	TB1-5RI	TB1-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS5SB0010101	
METALS (mg/kg)						
BERYLLIUM	0.29 U		0.2 B	0.16 U	0.14 U	0.08 U
BORON	3.4 UJ		3.2 U			
CADMIUM	0.5 UJ		0.47 U	0.11 U	0.11 U	0.04 U
CALCIUM	753 J		770 B	836 J	671 J	478 J
CHROMIUM	7.1 J		10.8	8.0	8.7	5.4
COBALT	3.4 J		4.9 B	2.8	2.4	2.2
COPPER	18.1 J		14.7	19.7	13.2	6.4
CYANIDE	0.17 UJ		0.19 U			
IRON	5890 J		6800	6800	5510	3500
LEAD	10.4 U	31.5 U	12.3	91.2	73.5	3.6
MAGNESIUM	1670		2160	1900 J	1560 J	1110 J
MANGANESE	150		209	142	97.5	43.1
MERCURY	0.12 U		0.06 U	0.01 J	0.02 J	0.01 UJ
NICKEL	5.7 B		5.9 B	7.0 J	6.0 J	5.4 J
POTASSIUM	993 B		1450	1150	1100	741
SELENIUM	0.19 U		0.21 U	0.31 U	0.28 U	0.38 U
SILVER	0.5 U		0.47 U	0.18 U	0.16 U	0.22 U
SODIUM	277 U		235 B	66.7	57.2	47.0
THALLIUM	0.11 U		0.12 UW	0.80 U	0.71 U	0.98 U
VANADIUM	9.2 B		11.9	11.6	10.0	6.6
ZINC	36.3		29.3	73.5	54.1	12.2

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19TB4-0002	19TB4-0204	19TB4-0406	LS5SB0010101	SBFD003	LS5SB0010201
DEPTH (feet):	0 - 2'	2 - 4'	4 - 6'	2 - 4'	2 - 4'	5 - 7'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	03/24/93	03/24/93	03/24/93	09/24/97	09/24/97	09/24/97
LOCATION:	19TB4	19TB4	19TB4	TB1-5RI	TB1-5RI	TB1-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					LS5SB0010101	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH			78	53	59	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5SB0020101	LS5SB0020201	LS5SB0030101	SBFD004	LS5SB0030201	LS5SB0040101
DEPTH (feet):	2 - 4'	5 - 6'	2 - 4'	2 - 4'	5 - 6'	1 - 3'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/13/97	09/24/97	09/25/97
LOCATION:	TB2-5RI	TB2-5RI	TB3-5RI	TB3-5RI	TB3-5RI	TB4-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:				LS5SB0030101		
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	530 UR	360 U	330 U	330 U	360 U	330 U
1,2-DICHLOROBENZENE	530 UR	360 U	330 U	330 U	360 U	330 U
1,3-DICHLOROBENZENE	530 UR	360 U	330 U	330 U	360 U	330 U
1,4-DICHLOROBENZENE	530 UR	360 U	330 U	330 U	360 U	330 U
2,2'-OXYBIS(1-CHLOROPROPANE)	530 UR	360 U	330 U	330 U	360 U	330 U
2,4,5-TRICHLOROPHENOL	1300 U	910 U	830 U	830 U	910 U	830 U
2,4,6-TRICHLOROPHENOL	530 U	360 U	330 U	330 U	360 U	330 U
2,4-DICHLOROPHENOL	530 U	360 U	330 U	330 U	360 U	330 U
2,4-DIMETHYLPHENOL	530 U	360 U	330 U	330 U	360 U	330 U
2,4-DINITROPHENOL	1300 U	910 U	830 U	830 U	910 U	830 U
2,4-DINITROTOLUENE	530 UR	360 U	330 U	330 U	360 U	330 U
2,6-DINITROTOLUENE	530 UR	360 U	330 U	330 U	360 U	330 U
2-CHLORONAPHTHALENE	530 UR	360 U	330 U	330 U	360 U	330 U
2-CHLOROPHENOL	530 U	360 U	330 U	330 U	360 U	330 U
2-METHYLNAPHTHALENE	530 UR	360 U	330 U	330 U	360 U	330 UJ
2-METHYLPHENOL	530 U	360 U	330 U	330 U	360 U	330 U
2-NITROANILINE	1300 UR	910 U	830 U	830 U	910 U	830 U
2-NITROPHENOL	530 U	360 U	330 U	330 U	360 U	330 U
3,3'-DICHLOROBENZIDINE	530 UR	360 U	330 UJ	330 UJ	360 U	330 U
3-NITROANILINE	1300 UR	910 U	830 U	830 U	910 U	830 U
4,6-DINITRO-2-METHYLPHENOL	1300 U	910 U	830 U	830 U	910 U	830 U
4-BROMOPHENYL PHENYL ETHER	530 UR	360 U	330 U	330 U	360 U	330 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5SB0020101	LS5SB0020201	LS5SB0030101	SBFD004	LS5SB0030201	LS5SB0040101
DEPTH (feet):	2 - 4'	5 - 6'	2 - 4'	2 - 4'	5 - 6'	1 - 3'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/13/97	09/24/97	09/25/97
LOCATION:	TB2-5RI	TB2-5RI	TB3-5RI	TB3-5RI	TB3-5RI	TB4-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:				LS5SB0030101		
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	530 U	360 U	330 U	330 U	360 U	330 U
4-CHLOROANILINE	530 UR	360 U	330 U	330 U	360 U	330 U
4-CHLOROPHENYL PHENYL ETHER	530 UR	360 U	330 U	330 U	360 U	330 U
4-METHYLPHENOL	530 U	360 U	330 U	330 U	360 U	330 U
4-NITROANILINE	1300 UR	910 U	830 U	830 U	910 U	830 U
4-NITROPHENOL	1300 UJ	910 U	830 U	830 U	910 U	830 U
ACENAPHTHENE	530 UR	360 U	330 U	330 U	360 U	330 U
ACENAPHTHYLENE	530 UR	360 U	330 U	330 U	360 U	25 J
ANTHRACENE	530 UR	21 J	45 J	40 J	640	39 J
BENZO(A)ANTHRACENE	530 UR	44 J	76 J	130 J	210 J	200 J
BENZO(A)PYRENE	29 J	59 J	200 J	120 J	260 J	210 J
BENZO(B)FLUORANTHENE	32 J	88 J	84 J	150 J	140 J	330
BENZO(G,H,I)PERYLENE	51 J	100 J	330 U	120 J	170 J	160 J
BENZO(K)FLUORANTHENE	530 UR	20 J	150 J	91 J	190 J	330 U
BIS(2-CHLOROETHOXY)METHANE	530 UR	360 U	330 U	330 U	360 U	330 U
BIS(2-CHLOROETHYL)ETHER	530 UR	360 U	330 U	330 U	360 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE	530 U	360 U	330 U	330 U	360 U	330 U
BUTYLBENZYL PHTHALATE	530 UR	360 U	330 U	330 UJ	360 U	330 U
CARBAZOLE	530 UR	360 U	23 J	23 J	360 U	26 J
CHRYSENE	28 J	51 J	190 J	160 J	280 J	260 J
DI-N-BUTYL PHTHALATE	530 UR	360 U	330 U	330 U	360 U	330 U
DI-N-OCTYL PHTHALATE	530 UR	360 U	330 UJ	330 UJ	360 U	330 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5SB0020101	LS5SB0020201	LS5SB0030101	SBFD004	LS5SB0030201	LS5SB0040101
DEPTH (feet):	2 - 4'	5 - 6'	2 - 4'	2 - 4'	5 - 6'	1 - 3'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/13/97	09/24/97	09/25/97
LOCATION:	TB2-5RI	TB2-5RI	TB3-5RI	TB3-5RI	TB3-5RI	TB4-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:				LS5SB0030101		
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	530 UR	360 U	330 U	46 J	360 U	330 U
DIBENZOFURAN	530 UR	360 U	330 U	330 U	360 U	330 U
DIETHYL PHTHALATE	530 U	360 U	330 U	330 U	360 U	330 U
DIMETHYL PHTHALATE	530 UR	360 U	330 U	330 U	360 U	330 U
FLUORANTHENE	39 J	53 J	150 J	190 J	670	470
FLUORENE	530 UR	360 U	330 U	18 J	360 U	21 J
HEXACHLOROBENZENE	530 UR	360 U	330 U	330 U	360 U	330 U
HEXACHLOROBUTADIENE	530 UR	360 U	330 U	330 U	360 U	330 U
HEXACHLOROCYCLOPENTADIENE	530 UR	360 U	330 U	330 U	360 U	330 U
HEXACHLOROETHANE	530 UR	360 U	330 U	330 U	360 U	330 U
INDENO(1,2,3-CD)PYRENE	530 UR	70 J	330 U	90 J	130 J	140 J
ISOPHORONE	530 UR	360 U	330 U	330 U	360 U	330 U
N-NITROSO-DI-N-PROPYLAMINE	530 UR	360 U	330 U	330 U	360 U	330 U
N-NITROSODIPHENYLAMINE	530 UR	360 U	330 U	330 U	360 U	330 U
NAPHTHALENE	530 UR	360 U	330 U	330 U	360 U	330 U
NITROBENZENE	530 UR	360 U	330 U	330 U	360 U	330 U
PENTACHLOROPHENOL	1300 U	910 U	830 U	830 U	910 U	830 U
PHENANTHRENE	530 UR	50 J	130 J	200 J	360 U	210 J
PHENOL	530 U	360 U	330 U	330 U	360 U	330 U
PYRENE	47 J	59 J	230 J	300 J	810	410
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	530		1800	1900		260 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SBFD006	LS5SB0040201	LS5SB0050101	LS5SB0050201	LS5SB0060101	LS5SB0060201
DEPTH (feet):	1 - 3'	5 - 7'	1 - 3'	4 - 5.5'	2 - 4'	5.5 - 6.5'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	TB4-5RI	TB4-5RI	TB5-5RI	TB5-5RI	TB6-5RI	TB6-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	LS5SB0040101					
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U	400 U	330 U	360 U	330 U	360 U
1,2-DICHLOROBENZENE	360 U	400 U	330 U	360 U	330 U	360 U
1,3-DICHLOROBENZENE	360 U	400 U	330 U	360 U	330 U	360 U
1,4-DICHLOROBENZENE	360 U	400 U	330 U	360 U	330 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U	400 U	330 U	360 U	330 U	360 U
2,4,5-TRICHLOROPHENOL	910 U	1000 U	830 U	910 U	830 U	910 U
2,4,6-TRICHLOROPHENOL	360 U	400 U	330 U	360 U	330 U	360 U
2,4-DICHLOROPHENOL	360 U	400 U	330 U	360 U	330 U	360 U
2,4-DIMETHYLPHENOL	360 U	400 U	330 U	360 U	330 U	360 U
2,4-DINITROPHENOL	910 U	1000 U	830 U	910 U	830 U	910 U
2,4-DINITROTOLUENE	360 U	400 U	330 U	360 U	330 U	360 U
2,6-DINITROTOLUENE	360 U	400 U	330 U	360 U	330 U	360 U
2-CHLORONAPHTHALENE	360 U	400 U	330 U	360 U	330 U	360 U
2-CHLOROPHENOL	360 U	400 U	330 U	360 U	330 U	360 U
2-METHYLNAPHTHALENE	360 UJ	400 U	330 UJ	360 UJ	330 U	43 J
2-METHYLPHENOL	360 U	400 U	330 U	360 U	330 U	360 U
2-NITROANILINE	910 U	1000 U	830 U	910 U	830 U	910 U
2-NITROPHENOL	360 U	400 U	330 U	360 U	330 U	360 U
3,3'-DICHLOROBENZIDINE	360 U	400 U	330 U	360 U	330 UJ	360 UJ
3-NITROANILINE	910 U	1000 U	830 U	910 U	830 U	910 U
4,6-DINITRO-2-METHYLPHENOL	910 U	1000 U	830 U	910 U	830 U	910 U
4-BROMOPHENYL PHENYL ETHER	360 U	400 U	330 U	360 U	330 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SBFD006	LS5SB0040201	LS5SB0050101	LS5SB0050201	LS5SB0060101	LS5SB0060201
DEPTH (feet):	1 - 3'	5 - 7'	1 - 3'	4 - 5.5'	2 - 4'	5.5 - 6.5'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	TB4-5RI	TB4-5RI	TB5-5RI	TB5-5RI	TB6-5RI	TB6-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	LS5SB0040101					
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	360 U	400 U	330 U	360 U	330 U	360 U
4-CHLOROANILINE	360 U	400 U	330 U	360 U	330 U	360 U
4-CHLOROPHENYL PHENYL ETHER	360 U	400 U	330 U	360 U	330 U	360 U
4-METHYLPHENOL	360 U	400 U	330 U	360 U	330 U	360 U
4-NITROANILINE	910 U	1000 U	830 U	910 U	830 U	910 U
4-NITROPHENOL	910 U	1000 U	830 U	910 U	830 U	910 U
ACENAPHTHENE	360 U	400 U	330 U	360 U	330 U	48 J
ACENAPHTHYLENE	30 J	400 U	330 U	360 U	20 J	49 J
ANTHRACENE	39 J	400 U	330 U	360 U	26 J	130 J
BENZO(A)ANTHRACENE	220 J	700	37 J	31 J	190 J	380
BENZO(A)PYRENE	230 J	1100	39 J	34 J	180 J	300 J
BENZO(B)FLUORANTHENE	210 J	1200	36 J	40 J	200 J	310 J
BENZO(G,H,I)PERYLENE	210 J	600	45 J	35 J	110 J	120 J
BENZO(K)FLUORANTHENE	290 J	400 U	49 J	18 J	150 J	260 J
BIS(2-CHLOROETHOXY)METHANE	360 U	400 U	330 U	360 U	330 U	360 U
BIS(2-CHLOROETHYL)ETHER	360 U	400 U	330 U	360 U	330 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE	360 U	400 U	330 U	360 U	330 U	360 U
BUTYLBENZYL PHTHALATE	360 U	400 U	330 U	360 U	330 U	360 U
CARBAZOLE	25 J	400 U	330 U	360 U	330 U	61 J
CHRYSENE	250 J	850	43 J	43 J	170 J	360 J
DI-N-BUTYL PHTHALATE	19 J	400 U	330 U	360 U	330 U	360 U
DI-N-OCTYL PHTHALATE	360 U	400 U	330 U	360 U	330 UJ	360 UJ

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SBFD006	LS5SB0040201	LS5SB0050101	LS5SB0050201	LS5SB0060101	LS5SB0060201
DEPTH (feet):	1 - 3'	5 - 7'	1 - 3'	4 - 5.5'	2 - 4'	5.5 - 6.5'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	TB4-5RI	TB4-5RI	TB5-5RI	TB5-5RI	TB6-5RI	TB6-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	LS5SB0040101					
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	120 J	400 UJ	330 U	360 U	54 J	77 J
DIBENZOFURAN	360 U	400 U	330 U	360 U	330 U	57 J
DIETHYL PHTHALATE	360 U	400 U	330 U	360 U	330 U	360 U
DIMETHYL PHTHALATE	360 U	400 U	330 U	360 U	330 U	360 U
FLUORANTHENE	520	1900	78 J	58 J	270 J	750
FLUORENE	18 J	400 U	330 U	360 U	330 U	110 J
HEXACHLOROBENZENE	360 U	400 U	330 U	360 U	330 U	360 U
HEXACHLOROBUTADIENE	360 U	400 U	330 U	360 U	330 U	360 U
HEXACHLOROCYCLOPENTADIENE	360 U	400 U	330 U	360 U	330 U	360 U
HEXACHLOROETHANE	360 U	400 U	330 U	360 U	330 U	360 U
INDENO(1,2,3-CD)PYRENE	180 J	530	34 J	24 J	110 J	180 J
ISOPHORONE	360 U	400 U	330 U	360 U	330 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	360 U	400 U	330 U	360 U	330 U	360 U
N-NITROSODIPHENYLAMINE	360 U	400 U	330 U	360 U	330 U	360 U
NAPHTHALENE	360 U	400 U	330 U	360 U	330 U	25 J
NITROBENZENE	360 U	400 U	330 U	360 U	330 U	360 U
PENTACHLOROPHENOL	910 U	1000 U	830 U	910 U	830 U	910 U
PHENANTHRENE	160 J	920	32 J	31 J	140 J	1000
PHENOL	360 U	400 U	330 U	360 U	330 U	360 U
PYRENE	390	1600	65 J	48 J	300 J	990
METALS (mg/kg)						
ALUMINUM					3470	3790

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SBFD006	LS5SB0040201	LS5SB0050101	LS5SB0050201	LS5SB0060101	LS5SB0060201
DEPTH (feet):	1 - 3'	5 - 7'	1 - 3'	4 - 5.5'	2 - 4'	5.5 - 6.5'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	TB4-5RI	TB4-5RI	TB5-5RI	TB5-5RI	TB6-5RI	TB6-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	LS5SB0040101					
METALS (mg/kg)						
ANTIMONY					0.43 UJ	0.44 UJ
ARSENIC					1.0	1.2
BARIUM					27.2	35.8
BERYLLIUM					0.12 U	0.17 U
CADMIUM					0.04 U	0.16 U
CALCIUM					2810 J	1880 J
CHROMIUM					7.2	14.0
COBALT					2.4	4.4
COPPER					11.2	13.3
IRON					6030	6720
LEAD					9.6	7.6
MAGNESIUM					1810 J	1960 J
MANGANESE					99.8	119
MERCURY					0.01 UJ	0.01 UJ
NICKEL					5.5 J	7.4 J
POTASSIUM					1220	1130
SELENIUM					0.32 U	0.34 U
SILVER					0.18 U	0.19 U
SODIUM					146	286
THALLIUM					0.83 U	0.87 U
VANADIUM					9.9	11.1
ZINC					23.8	116

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SBFD006	LS5SB0040201	LS5SB0050101	LS5SB0050201	LS5SB0060101	LS5SB0060201
DEPTH (feet):	1 - 3'	5 - 7'	1 - 3'	4 - 5.5'	2 - 4'	5.5 - 6.5'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	TB4-5RI	TB4-5RI	TB5-5RI	TB5-5RI	TB6-5RI	TB6-5RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	LS5SB0040101					
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	500 J		810 J		1400	

APPENDIX H.1.1.6

ZONE 6

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0010201	LS6SB0010401	LS6SB0020201	LS6SB0020301	LS6SB0030201	LS6SB0030301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	5 - 6'	0.5 - 2'	5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/30/97	09/30/97	09/24/97	09/24/97	09/25/97	09/25/97
LOCATION:	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	10 U	10 U	11 U	11 U	11 U	11 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U	11 U	11 U	11 U	11 U
1,1,2-TRICHLOROETHANE	10 U	10 U	11 U	11 U	11 U	11 U
1,1-DICHLOROETHANE	10 U	10 U	11 U	11 U	11 U	11 U
1,1-DICHLOROETHENE	10 U	10 U	11 U	11 U	11 U	11 U
1,2-DICHLOROETHANE	10 U	10 U	11 U	11 U	11 U	11 U
1,2-DICHLOROPROPANE	10 U	10 U	11 U	11 U	11 U	11 U
2-BUTANONE	10 U	10 U	11 U	11 U	11 U	11 U
2-HEXANONE	10 U	10 U	11 U	11 U	11 U	11 U
4-METHYL-2-PENTANONE	10 U	10 U	11 U	11 U	11 U	11 U
ACETONE	10 U	90	11 U	120 U	67 U	140 U
BENZENE	10 U	10 U	11 U	11 U	11 U	11 U
BROMODICHLOROMETHANE	10 U	10 U	11 U	11 U	11 U	11 U
BROMOFORM	10 U	10 U	11 U	11 U	11 U	11 U
BROMOMETHANE	10 U	10 U	11 U	11 U	11 U	11 U
CARBON DISULFIDE	10 U	10 U	11 U	11 U	11 U	11 U
CARBON TETRACHLORIDE	10 U	10 U	11 U	11 U	11 U	11 U
CHLOROBENZENE	10 U	10 U	11 U	11 U	11 U	11 U
CHLOROETHANE	10 U	10 U	11 U	11 U	11 U	11 U
CHLOROFORM	10 U	10 U	11 U	11 U	11 U	11 U
CHLOROMETHANE	10 U	10 U	11 U	11 U	11 U	11 U
CIS-1,3-DICHLOROPROPENE	10 U	10 U	11 U	11 U	11 U	11 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0010201	LS6SB0010401	LS6SB0020201	LS6SB0020301	LS6SB0030201	LS6SB0030301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	5 - 6'	0.5 - 2'	5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/30/97	09/30/97	09/24/97	09/24/97	09/25/97	09/25/97
LOCATION:	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
DIBROMOCHLOROMETHANE	10 U	10 U	11 U	11 U	11 U	11 U
ETHYLBENZENE	10 U	10 U	11 U	11 U	11 U	11 U
METHYLENE CHLORIDE	10 U	10 U	11 U	11 U	11 U	11 U
STYRENE	10 U	10 U	11 U	11 U	11 U	11 U
TETRACHLOROETHENE	10 U	10 U	11 U	11 U	11 U	11 U
TOLUENE	10 U	10 U	11 U	11 U	11 U	11 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U	11 U	11 U	11 U	11 U
TRICHLOROETHENE	10 U	10 U	11 U	11 U	11 U	11 U
VINYL CHLORIDE	10 U	10 U	11 U	11 U	11 U	11 U
XYLENES, TOTAL	10 U	10 U	11 U	11 U	11 U	11 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
1,2-DICHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
1,3-DICHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
1,4-DICHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)	330 U	330 U	360 U	360 U	360 U	360 U
2,4,5-TRICHLOROPHENOL	830 U	830 U	910 U	910 U	910 U	910 U
2,4,6-TRICHLOROPHENOL	330 U	330 U	360 U	360 U	360 U	360 U
2,4-DICHLOROPHENOL	330 U	330 U	360 U	360 U	360 U	360 U
2,4-DIMETHYLPHENOL	330 U	330 U	360 U	360 U	360 U	360 U
2,4-DINITROPHENOL	830 U	830 U	910 U	910 U	910 U	910 U
2,4-DINITROTOLUENE	330 U	330 U	360 U	360 U	360 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0010201	LS6SB0010401	LS6SB0020201	LS6SB0020301	LS6SB0030201	LS6SB0030301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	5 - 6'	0.5 - 2'	5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/30/97	09/30/97	09/24/97	09/24/97	09/25/97	09/25/97
LOCATION:	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,6-DINITROTOLUENE	330 U	330 U	360 U	360 U	360 U	360 U
2-CHLORONAPHTHALENE	330 U	330 U	360 U	360 U	360 U	360 U
2-CHLOROPHENOL	330 U	330 U	360 U	360 U	360 U	360 U
2-METHYLNAPHTHALENE	330 U	330 U	360 U	360 U	360 U	360 U
2-METHYLPHENOL	330 U	330 U	360 U	360 U	360 U	360 U
2-NITROANILINE	830 U	830 U	910 U	910 U	910 U	910 U
2-NITROPHENOL	330 U	330 U	360 U	360 U	360 U	360 U
3,3'-DICHLOROBENZIDINE	330 U	330 U	360 U	360 UJ	360 U	360 UJ
3-NITROANILINE	830 U	830 U	910 U	910 U	910 U	910 U
4,6-DINITRO-2-METHYLPHENOL	830 U	830 U	910 U	910 U	910 U	910 U
4-BROMOPHENYL PHENYL ETHER	330 U	330 U	360 U	360 U	360 U	360 U
4-CHLORO-3-METHYLPHENOL	330 U	330 U	360 U	360 U	360 U	360 U
4-CHLOROANILINE	330 U	330 U	360 U	360 U	360 U	360 U
4-CHLOROPHENYL PHENYL ETHER	330 U	330 U	360 U	360 U	360 U	360 U
4-METHYLPHENOL	330 U	330 U	360 U	360 U	360 U	360 U
4-NITROANILINE	830 U	830 U	910 UJ	910 U	910 U	910 U
4-NITROPHENOL	830 U	830 U	910 UJ	910 U	910 U	910 U
ACENAPHTHENE	330 U	330 U	360 U	360 U	360 U	360 U
ACENAPHTHYLENE	330 U	330 U	360 U	360 U	360 U	360 U
ANTHRACENE	330 U	330 U	35 J	19 J	360 U	360 U
BENZO(A)ANTHRACENE	330 U	330 U	160 J	150 J	40 J	360 U
BENZO(A)PYRENE	330 U	330 U	160 J	180 J	31 J	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0010201	LS6SB0010401	LS6SB0020201	LS6SB0020301	LS6SB0030201	LS6SB0030301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	5 - 6'	0.5 - 2'	5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/30/97	09/30/97	09/24/97	09/24/97	09/25/97	09/25/97
LOCATION:	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(B)FLUORANTHENE	330 U	330 U	160 J	130 J	37 J	360 U
BENZO(G,H,I)PERYLENE	330 U	330 U	110 J	90 J	26 J	360 U
BENZO(K)FLUORANTHENE	330 U	330 U	100 J	150 J	26 J	360 U
BIS(2-CHLOROETHOXY)METHANE	330 U	330 U	360 U	360 U	360 U	360 U
BIS(2-CHLOROETHYL)ETHER	330 U	330 U	360 U	360 U	360 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	330 U	360 U	360 U	360 U	360 U
BUTYLBENZYL PHTHALATE	330 U	330 U	360 U	43 J	19 J	22 J
CARBAZOLE	330 U	330 U	360 U	360 U	360 U	360 U
CHRYSENE	330 U	330 U	150 J	150 J	45 J	28 J
DI-N-BUTYL PHTHALATE	330 U	330 U	360 U	360 U	360 U	360 U
DI-N-OCTYL PHTHALATE	330 U	330 U	360 U	360 UJ	32 J	360 U
DIBENZO(A,H)ANTHRACENE	330 U	330 U	50 J	360 U	360 U	360 U
DIBENZOFURAN	330 U	330 U	360 U	360 U	360 U	360 U
DIETHYL PHTHALATE	330 U	330 U	360 U	360 U	360 U	360 U
DIMETHYL PHTHALATE	330 U	330 U	360 U	360 U	360 U	360 U
FLUORANTHENE	330 U	330 U	260 J	180 J	90 J	21 J
FLUORENE	330 U	330 U	360 U	360 U	360 U	360 U
HEXACHLOROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
HEXACHLOROBUTADIENE	330 U	330 U	360 U	360 U	360 U	360 U
HEXACHLOROCYCLOPENTADIENE	330 U	330 U	360 U	360 U	360 U	360 U
HEXACHLOROETHANE	330 U	330 U	360 U	360 U	360 U	360 U
INDENO(1,2,3-CD)PYRENE	330 U	330 U	98 J	80 J	26 J	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0010201	LS6SB0010401	LS6SB0020201	LS6SB0020301	LS6SB0030201	LS6SB0030301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	5 - 6'	0.5 - 2'	5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/30/97	09/30/97	09/24/97	09/24/97	09/25/97	09/25/97
LOCATION:	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
ISOPHORONE	330 U	330 U	360 U	360 U	360 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	330 U	330 U	360 U	360 U	360 U	360 U
N-NITROSODIPHENYLAMINE	330 U	330 U	360 U	360 U	360 U	360 U
NAPHTHALENE	330 U	330 U	360 U	360 U	360 U	360 U
NITROBENZENE	330 U	330 U	360 U	360 U	360 U	360 U
PENTACHLOROPHENOL	830 U	830 U	910 U	910 U	910 U	910 U
PHENANTHRENE	330 U	330 U	130 J	90 J	25 J	360 U
PHENOL	330 U	330 U	360 U	360 U	360 U	360 U
PYRENE	330 U	330 U	320 J	290 J	56 J	33 J
METALS (mg/kg)						
ALUMINUM	8250	7150	4720	2410	6150	4380
ANTIMONY	0.45 UJ	0.45 UJ	0.49 UJ	0.47 UJ	0.42 UJ	0.53 UJ
ARSENIC	1.8	1.4	2.2	0.87 J	1.6	1.6
BARIUM	38.6	37.2	29.2	16.8	45.0	28.5
BERYLLIUM	0.33 U	0.32 U	0.18 U	0.08 U	0.22	0.19 U
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U	0.07 U	0.05 U
CALCIUM	588	611	982 J	779 J	1680	743
CHROMIUM	15.2	15.2	11.7	5.8	13.9	6.9 J
COBALT	6.4	5.1	3.8	2.1	5.1	3.0
COPPER	12.2	10.0	12.7	6.8	24.5	9.6
IRON	10200	8760	7510	4010	10400	6230
LEAD	18.0	8.5	9.3	7.1	12.4 J	4.4 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0010201	LS6SB0010401	LS6SB0020201	LS6SB0020301	LS6SB0030201	LS6SB0030301
DEPTH (feet):	2 - 4'	6 - 8'	2 - 4'	5 - 6'	0.5 - 2'	5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/30/97	09/30/97	09/24/97	09/24/97	09/25/97	09/25/97
LOCATION:	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
MAGNESIUM	3160	3170	2180 J	1200 J	3810	2040
MANGANESE	158	145	136	75.2	182	121
MERCURY	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.04 J	0.002 UJ
NICKEL	12.5	10.6	9.1 J	4.8 J	10.4	7.9
POTASSIUM	1680	1710	1370	711	1840	1370
SELENIUM	0.41 U	0.34 U	0.38 U	0.36 U	0.32 U	0.40 U
SILVER	0.46	0.46 U	0.21 U	0.20 U	0.18 U	0.23 U
SODIUM	74.9	93.9	93.6	56.9	172	140
THALLIUM	0.88 U	0.88 U	0.97 U	0.93 U	0.82 U	1.0 U
VANADIUM	19.6	16.8	13.3	8.5	16.9	10.7
ZINC	26.1	24.3	27.8	19.2	50.1	19.8
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	25 U	78.0 J	360	1200	120 J	690 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0040101	LS6SB0040301	LS6SB0050101	LS6SB0050301		
DEPTH (feet):	0.5 - 1.5'	5 - 6'	0.5 - 2'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/24/97	/ /	/ /
LOCATION:	MW4-6RI	MW4-6RI	MW5-6RI	MW5-6RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	10 U	11 U	10 U	11 U		
1,1,2,2-TETRACHLOROETHANE	10 U	11 U	10 U	11 U		
1,1,2-TRICHLOROETHANE	10 U	11 U	10 U	11 U		
1,1-DICHLOROETHANE	10 U	11 U	10 U	11 U		
1,1-DICHLOROETHENE	10 UJ	11 U	10 U	11 U		
1,2-DICHLOROETHANE	10 U	11 U	10 U	11 U		
1,2-DICHLOROPROPANE	10 U	11 U	10 U	11 U		
2-BUTANONE	10 U	11 U	10 U	11 U		
2-HEXANONE	10 U	11 U	10 U	11 U		
4-METHYL-2-PENTANONE	10 U	11 U	10 U	11 U		
ACETONE	10 U	21 U	10 U	11 U		
BENZENE	10 U	11 U	10 U	11 U		
BROMODICHLOROMETHANE	10 U	11 U	10 U	11 U		
BROMOFORM	10 U	11 U	10 U	11 U		
BROMOMETHANE	10 U	11 U	10 U	11 U		
CARBON DISULFIDE	10 U	11 U	10 U	11 U		
CARBON TETRACHLORIDE	10 U	11 U	10 U	11 U		
CHLOROBENZENE	10 U	11 U	10 U	11 U		
CHLOROETHANE	10 U	11 U	10 U	11 U		
CHLOROFORM	10 U	11 U	10 U	11 U		
CHLOROMETHANE	10 U	11 U	10 U	11 U		
CIS-1,3-DICHLOROPROPENE	10 U	11 U	10 U	11 U		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0040101	LS6SB0040301	LS6SB0050101	LS6SB0050301		
DEPTH (feet):	0.5 - 1.5'	5 - 6'	0.5 - 2'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/24/97	/ /	/ /
LOCATION:	MW4-6RI	MW4-6RI	MW5-6RI	MW5-6RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
DIBROMOCHLOROMETHANE	10 U	11 U	10 U	11 U		
ETHYLBENZENE	10 U	11 U	10 U	11 U		
METHYLENE CHLORIDE	10 U	11 U	10 U	10 U		
STYRENE	10 U	11 U	10 U	11 U		
TETRACHLOROETHENE	10 U	11 U	10 U	11 U		
TOLUENE	10 U	11 U	10 U	11 U		
TRANS-1,3-DICHLOROPROPENE	10 U	11 U	10 U	11 U		
TRICHLOROETHENE	10 U	11 U	10 U	11 U		
VINYL CHLORIDE	10 U	11 U	10 U	11 U		
XYLENES, TOTAL	10 U	11 U	10 U	11 U		
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	330 U	360 U	330 U	360 U		
1,2-DICHLOROBENZENE	330 U	360 U	330 U	360 U		
1,3-DICHLOROBENZENE	330 U	360 U	330 U	360 U		
1,4-DICHLOROBENZENE	330 U	360 U	330 U	360 U		
2,2'-OXYBIS(1-CHLOROPROPANE)	330 U	360 U	330 U	360 U		
2,4,5-TRICHLOROPHENOL	830 U	910 U	830 U	910 U		
2,4,6-TRICHLOROPHENOL	330 U	360 U	330 U	360 U		
2,4-DICHLOROPHENOL	330 U	360 U	330 U	360 U		
2,4-DIMETHYLPHENOL	330 U	360 U	330 U	360 U		
2,4-DINITROPHENOL	830 U	910 U	830 U	910 U		
2,4-DINITROTOLUENE	330 U	360 U	330 U	360 U		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0040101	LS6SB0040301	LS6SB0050101	LS6SB0050301		
DEPTH (feet):	0.5 - 1.5'	5 - 6'	0.5 - 2'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/24/97	/ /	/ /
LOCATION:	MW4-6RI	MW4-6RI	MW5-6RI	MW5-6RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,6-DINITROTOLUENE	330 U	360 U	330 U	360 U		
2-CHLORONAPHTHALENE	330 U	360 U	330 U	360 U		
2-CHLOROPHENOL	330 U	360 U	330 U	360 U		
2-METHYLNAPHTHALENE	330 U	360 U	30 J	360 U		
2-METHYLPHENOL	330 U	360 U	330 U	360 U		
2-NITROANILINE	830 U	910 U	830 U	910 U		
2-NITROPHENOL	330 U	360 U	330 U	360 U		
3,3'-DICHLOROBENZIDINE	330 UJ	360 UJ	330 UJ	360 UJ		
3-NITROANILINE	830 U	910 U	830 U	910 U		
4,6-DINITRO-2-METHYLPHENOL	830 U	910 U	830 U	910 U		
4-BROMOPHENYL PHENYL ETHER	330 U	360 U	330 U	360 U		
4-CHLORO-3-METHYLPHENOL	330 U	360 U	330 U	360 U		
4-CHLOROANILINE	330 U	360 U	330 U	360 U		
4-CHLOROPHENYL PHENYL ETHER	330 U	360 U	330 U	360 U		
4-METHYLPHENOL	330 U	360 U	330 U	360 U		
4-NITROANILINE	830 U	910 U	830 U	910 U		
4-NITROPHENOL	830 U	910 U	830 U	910 U		
ACENAPHTHENE	42 J	360 U	22 J	360 U		
ACENAPHTHYLENE	330 U	360 U	29 J	360 U		
ANTHRACENE	86 J	360 U	69 J	360 U		
BENZO(A)ANTHRACENE	330	360 U	150 J	42 J		
BENZO(A)PYRENE	460 J	360 U	330 U	360 U		

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SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0040101	LS6SB0040301	LS6SB0050101	LS6SB0050301		
DEPTH (feet):	0.5 - 1.5'	5 - 6'	0.5 - 2'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/24/97	/ /	/ /
LOCATION:	MW4-6RI	MW4-6RI	MW5-6RI	MW5-6RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(B)FLUORANTHENE	240 J	360 U	330 U	31 J		
BENZO(G,H,I)PERYLENE	88 J	360 U	330 U	360 U		
BENZO(K)FLUORANTHENE	280 J	360 U	330 U	26 J		
BIS(2-CHLOROETHOXY)METHANE	330 U	360 U	330 U	360 U		
BIS(2-CHLOROETHYL)ETHER	330 U	360 U	330 U	360 U		
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	360 U	330 U	360 U		
BUTYLBENZYL PHTHALATE	19 J	360 U	330 U	360 U		
CARBAZOLE	28 J	360 U	330 U	360 U		
CHRYSENE	360	360 U	120 J	59 J		
DI-N-BUTYL PHTHALATE	330 U	360 U	330 U	360 U		
DI-N-OCTYL PHTHALATE	330 UJ	360 U	330 UJ	360 UJ		
DIBENZO(A,H)ANTHRACENE	330 UJ	360 U	330 U	360 U		
DIBENZOFURAN	330 U	360 U	30 J	360 U		
DIETHYL PHTHALATE	330 U	360 U	330 U	360 U		
DIMETHYL PHTHALATE	330 U	360 U	330 U	360 U		
FLUORANTHENE	500	360 U	40 J	72 J		
FLUORENE	34 J	360 U	330 U	360 U		
HEXACHLOROBENZENE	330 U	360 U	330 U	360 U		
HEXACHLOROBUTADIENE	330 U	360 U	330 U	360 U		
HEXACHLOROCYCLOPENTADIENE	330 U	360 U	330 U	360 U		
HEXACHLOROETHANE	330 U	360 U	330 U	360 U		
INDENO(1,2,3-CD)PYRENE	130 J	360 U	330 U	360 U		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0040101	LS6SB0040301	LS6SB0050101	LS6SB0050301		
DEPTH (feet):	0.5 - 1.5'	5 - 6'	0.5 - 2'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/24/97	/ /	/ /
LOCATION:	MW4-6RI	MW4-6RI	MW5-6RI	MW5-6RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
ISOPHORONE	330 U	360 U	330 U	360 U		
N-NITROSO-DI-N-PROPYLAMINE	330 U	360 U	330 U	360 U		
N-NITROSODIPHENYLAMINE	330 U	360 U	330 U	360 U		
NAPHTHALENE	330 U	360 U	330 U	360 U		
NITROBENZENE	330 U	360 U	330 U	360 U		
PENTACHLOROPHENOL	830 U	910 U	830 U	910 U		
PHENANTHRENE	340	360 U	120 J	37 J		
PHENOL	330 U	360 U	330 U	360 U		
PYRENE	1000	360 U	230 J	96 J		
METALS (mg/kg)						
ALUMINUM	4890	3610	4660	4000		
ANTIMONY	0.37 UJ	0.43 UJ	0.44 UJ	0.42 UJ		
ARSENIC	2.1	1.8	1.7	2.0		
BARIUM	34.5	27.8	31.7	25.0		
BERYLLIUM	0.18	0.12 U	0.14 U	0.15 U		
CADMIUM	0.04 U	0.04 U	0.04 U	0.04 U		
CALCIUM	722 J	608 J	963 J	818 J		
CHROMIUM	10.2	7.2	10.5	10.3		
COBALT	3.7	2.9	3.5	3.4		
COPPER	8.7	7.1	11.0	9.2		
IRON	6720	4610	7170	5100		
LEAD	4.8	2.0	3.1	3.7		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0040101	LS6SB0040301	LS6SB0050101	LS6SB0050301		
DEPTH (feet):	0.5 - 1.5'	5 - 6'	0.5 - 2'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/24/97	/ /	/ /
LOCATION:	MW4-6RI	MW4-6RI	MW5-6RI	MW5-6RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
MAGNESIUM	1990 J	1380 J	2180 J	1620 J		
MANGANESE	156	93.2	131	160		
MERCURY	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ		
NICKEL	9.2 J	6.8 J	8.5 J	8.3 J		
POTASSIUM	1310	834	1280	1020		
SELENIUM	0.28 U	0.33 U	0.33 U	0.32 U		
SILVER	0.16 U	0.19 U	0.19 U	0.18 U		
SODIUM	125	82.4	122	65.0		
THALLIUM	0.73 U	0.84 U	0.86 U	0.81 U		
VANADIUM	14.3	9.5	23.1	10.0		
ZINC	16.8	10.7	15.8	12.1		
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	830	140	4000	330		

APPENDIX H.1.1.7

ZONE 7

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW1-0.52.5	20MW11-0.52.5	20MW2-0002	20MW2-1416	20MW3-0204	20MW3-0810
DEPTH (feet):	0.5 - 2.5'	0.5 - 2.5'	0 - 2'	14 - 16'	2 - 4'	8 - 10'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/31/93	03/31/93	04/01/93	04/01/93
LOCATION:	20MW1	20MW1	20MW2	20MW2	20MW3	20MW3
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		20MW1-0.52.5 (93)				
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	11 U	11 U	11 U	12 U	11 U	11 U
1,1,2,2-TETRACHLOROETHANE	11 U	11 U	11 U	12 U	11 U	11 U
1,1,2-TRICHLOROETHANE	11 U	11 U	11 U	12 U	11 U	11 U
1,1-DICHLOROETHANE	11 U	11 U	11 U	12 U	11 U	11 U
1,1-DICHLOROETHENE	11 U	11 U	11 U	12 U	11 U	11 U
1,2-DICHLOROETHANE	11 U	11 U	11 U	12 U	11 U	11 U
1,2-DICHLOROETHENE (TOTAL)	11 U	11 U	11 U	12 U	11 U	11 U
1,2-DICHLOROPROPANE	11 U	11 U	11 U	12 U	11 U	11 U
2-BUTANONE	11 U	11 U	11 U	12 U	11 U	11 U
2-HEXANONE	11 U	11 U	11 U	12 U	11 U	11 U
4-METHYL-2-PENTANONE	11 U	11 U	11 U	12 U	11 U	11 U
ACETONE	7 JB	7 JB	14 U	12 U	12 U	19 U
BENZENE	11 U	11 U	11 U	12 U	11 U	11 U
BROMODICHLOROMETHANE	11 U	11 U	11 U	12 U	11 U	11 U
BROMOFORM	11 U	11 U	11 U	12 U	11 U	11 U
BROMOMETHANE	11 U	11 U	11 U	12 U	11 U	11 U
CARBON DISULFIDE	11 U	11 U	11 U	12 U	11 U	11 U
CARBON TETRACHLORIDE	11 U	11 U	11 U	12 U	11 U	11 U
CHLOROBENZENE	11 U	11 U	11 U	12 U	11 U	11 U
CHLOROETHANE	11 U	11 U	11 U	12 U	11 U	11 U
CHLOROFORM	11 U	11 U	11 U	12 U	11 U	11 U
CHLOROMETHANE	11 U	11 U	11 U	12 U	11 U	11 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW1-0.52.5	20MW11-0.52.5	20MW2-0002	20MW2-1416	20MW3-0204	20MW3-0810
DEPTH (feet):	0.5 - 2.5'	0.5 - 2.5'	0 - 2'	14 - 16'	2 - 4'	8 - 10'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/31/93	03/31/93	04/01/93	04/01/93
LOCATION:	20MW1	20MW1	20MW2	20MW2	20MW3	20MW3
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		20MW1-0.52.5 (93)				
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	11 U	11 U	11 U	12 U	11 U	11 U
DIBROMOCHLOROMETHANE	11 U	11 U	11 U	12 U	11 U	11 U
ETHYLBENZENE	11 U	11 U	11 U	12 U	11 U	11 U
METHYLENE CHLORIDE	9 JB	9 JB	11 U	12 U	11 U	11 U
STYRENE	11 U	11 U	11 U	12 U	11 U	11 U
TETRACHLOROETHENE	11 U	11 U	11 U	12 U	11 U	11 U
TOLUENE	11 U	11 U	11 U	12 U	11 U	11 U
TRANS-1,3-DICHLOROPROPENE	11 U	11 U	11 U	12 U	11 U	11 U
TRICHLOROETHENE	11 U	11 U	11 U	12 U	11 U	11 U
VINYL CHLORIDE	11 U	11 U	11 U	12 U	11 U	11 U
XYLENES, TOTAL	11 U	11 U	11 U	12 U	11 U	11 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	370 U	390 U	340 U	400 U	11000 U	1500 U
1,2-DICHLOROBENZENE	370 U	390 U	340 U	400 U	11000 U	1500 U
1,3-DICHLOROBENZENE	370 U	390 U	340 U	400 U	11000 U	1500 U
1,4-DICHLOROBENZENE	370 U	390 U	340 U	400 U	11000 U	1500 U
2,2'-OXYBIS(1-CHLOROPROPANE)	370 U	390 U	340 UJ	400 UJ	11000 UJ	1500 UJ
2,4,5-TRICHLOROPHENOL	930 U	960 U	830 U	960 U	27000 U	3600 U
2,4,6-TRICHLOROPHENOL	370 U	390 U	340 U	400 U	11000 U	1500 U
2,4-DICHLOROPHENOL	370 U	390 U	340 U	400 U	11000 U	1500 U
2,4-DIMETHYLPHENOL	370 U	390 U	340 U	400 U	11000 U	1500 U
2,4-DINITROPHENOL	930 U	960 U	830 UJ	960 UJ	27000 U	3600 UJ

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW1-0.52.5	20MW11-0.52.5	20MW2-0002	20MW2-1416	20MW3-0204	20MW3-0810
DEPTH (feet):	0.5 - 2.5'	0.5 - 2.5'	0 - 2'	14 - 16'	2 - 4'	8 - 10'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/31/93	03/31/93	04/01/93	04/01/93
LOCATION:	20MW1	20MW1	20MW2	20MW2	20MW3	20MW3
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		20MW1-0.52.5 (93)				
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	370 U	390 U	340 U	400 U	11000 U	1500 U
2,6-DINITROTOLUENE	370 U	390 U	340 U	400 U	11000 U	1500 U
2-CHLORONAPHTHALENE	370 U	390 U	340 U	400 U	11000 U	1500 U
2-CHLOROPHENOL	370 U	390 U	340 U	400 U	11000 U	1500 U
2-METHYLNAPHTHALENE	370 U	390 U	340 U	400 U	11000 U	1500 U
2-METHYLPHENOL	370 U	390 U	340 U	400 U	11000 U	1500 U
2-NITROANILINE	930 U	960 U	830 U	960 U	27000 U	3600 U
2-NITROPHENOL	370 U	390 U	340 U	400 U	11000 U	1500 U
3,3'-DICHLOROBENZIDINE	370 U	390 U	340 U	400 U	11000 U	1500 U
3-NITROANILINE	930 U	960 U	830 U	960 U	27000 U	3600 U
4,6-DINITRO-2-METHYLPHENOL	930 U	960 U	830 UJ	960 UJ	27000 U	3600 UJ
4-BROMOPHENYL PHENYL ETHER	370 U	390 U	340 U	400 U	11000 U	1500 U
4-CHLORO-3-METHYLPHENOL	370 U	390 U	340 U	400 U	11000 U	1500 U
4-CHLOROANILINE	370 U	390 U	340 U	400 U	11000 U	1500 U
4-CHLOROPHENYL PHENYL ETHER	370 U	390 U	340 U	400 U	11000 U	1500 U
4-METHYLPHENOL	370 U	390 U	340 U	400 U	11000 U	1500 U
4-NITROANILINE	930 U	960 U	830 U	960 U	27000 U	3600 U
4-NITROPHENOL	930 U	960 U	830 UJ	960 UJ	27000 U	3600 UJ
ACENAPHTHENE	370 U	390 U	340 U	400 U	11000 U	1100 J
ACENAPHTHYLENE	370 U	390 U	340 U	400 U	11000 U	1500 U
ANTHRACENE	370 U	2 J	340 U	400 U	11000 U	1500 U
BENZO(A)ANTHRACENE	32 J	23 J	350	400 U	11000 U	1500 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW1-0.52.5	20MW11-0.52.5	20MW2-0002	20MW2-1416	20MW3-0204	20MW3-0810
DEPTH (feet):	0.5 - 2.5'	0.5 - 2.5'	0 - 2'	14 - 16'	2 - 4'	8 - 10'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/31/93	03/31/93	04/01/93	04/01/93
LOCATION:	20MW1	20MW1	20MW2	20MW2	20MW3	20MW3
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		20MW1-0.52.5 (93)				
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	35 J	33 J	380 J	400 U	11000 U	1500 UJ
BENZO(B)FLUORANTHENE	46 J	36 J	430 J	400 U	9500 J	1500 UJ
BENZO(G,H,I)PERYLENE	370 U	390 U	340 UJ	400 U	11000 U	1500 UJ
BENZO(K)FLUORANTHENE	30 J	23 J	330 J	400 U	11000 U	1500 UJ
BIS(2-CHLOROETHOXY)METHANE	370 U	390 U	340 U	400 U	11000 U	1500 U
BIS(2-CHLOROETHYL)ETHER	370 U	390 U	340 U	400 U	11000 U	1500 U
BIS(2-ETHYLHEXYL)PHTHALATE	93 J	32 J	340 U	400 U	11000 U	1500 U
BUTYLBENZYL PHTHALATE	370 U	390 U	340 U	400 U	11000 U	1500 U
CARBAZOLE	370 U	390 U	340 U	400 U	11000 U	1500 U
CHRYSENE	55 J	49 J	350	400 U	11000 U	1500 U
DI-N-BUTYL PHTHALATE	370 U	390 U	340 U	400 U	11000 U	1500 U
DI-N-OCTYL PHTHALATE	41 J	390 U	340 UJ	400 U	11000 U	1500 UJ
DIBENZO(A,H)ANTHRACENE	370 U	390 U	340 UJ	400 U	11000 U	1500 UJ
DIBENZOFURAN	370 U	390 U	340 U	400 U	11000 U	1500 U
DIETHYL PHTHALATE	370 U	390 U	340 U	400 U	11000 U	1500 U
DIMETHYL PHTHALATE	370 U	390 U	340 U	400 U	11000 U	1500 U
FLUORANTHENE	76 J	66 J	670	400 U	15000	2100 J
FLUORENE	370 U	390 U	340 U	400 U	11000 U	1200 J
HEXACHLOROBENZENE	370 U	390 U	340 U	400 U	11000 U	1500 U
HEXACHLOROBUTADIENE	370 U	390 U	340 U	400 U	11000 U	1500 U
HEXACHLOROCYCLOPENTADIENE	370 U	390 U	340 UJ	400 UJ	11000 U	1500 UJ
HEXACHLOROETHANE	370 U	390 U	340 U	400 U	11000 U	1500 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW1-0.52.5	20MW11-0.52.5	20MW2-0002	20MW2-1416	20MW3-0204	20MW3-0810
DEPTH (feet):	0.5 - 2.5'	0.5 - 2.5'	0 - 2'	14 - 16'	2 - 4'	8 - 10'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/31/93	03/31/93	04/01/93	04/01/93
LOCATION:	20MW1	20MW1	20MW2	20MW2	20MW3	20MW3
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		20MW1-0.52.5 (93)				
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	370 U	390 U	340 UJ	400 U	11000 U	1500 UJ
ISOPHORONE	370 U	390 U	340 U	400 U	11000 U	1500 U
N-NITROSO-DI-N-PROPYLAMINE	370 U	390 U	340 U	400 U	11000 U	1500 U
N-NITROSODIPHENYLAMINE	370 U	390 U	340 U	400 U	11000 U	1500 U
NAPHTHALENE	370 U	390 U	340 U	400 U	11000 U	1500 U
NITROBENZENE	370 U	390 U	340 U	400 U	11000 U	1500 U
PENTACHLOROPHENOL	930 U	960 U	830 U	960 U	27000 U	3600 U
PHENANTHRENE	60 J	42 J	220 J	400 U	13000	1500 U
PHENOL	370 U	390 U	340 U	400 U	11000 U	1500 U
PYRENE	78 J	59 J	650	400 U	9400 J	1200 J
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	3.7 U	3.8 U	3.5 U	3.9 U	3.5 U	3.7 U
4,4'-DDE	17	15	3.5 U	3.9 U	3.5 U	3.7 U
4,4'-DDT	31	28	3.5 U	3.9 U	3.5 U	3.7 U
ALDRIN	1.9 U	2 U	1.8 U	2 U	1.8 U	1.9 U
ALPHA-BHC	1.9 U	2 U	1.8 U	2 U	1.8 U	1.9 U
ALPHA-CHLORDANE	12	12	1.8 U	2 U	1.8 U	1.9 U
AROCLOR-1016	37 U	38 U	35 U	39 U	35 U	37 U
AROCLOR-1221	75 U	77 U	70 U	79 U	71 U	75 U
AROCLOR-1232	37 U	38 U	35 U	39 U	35 U	37 U
AROCLOR-1242	37 U	38 U	35 U	39 U	35 U	37 U
AROCLOR-1248	37 U	38 U	35 U	39 U	35 U	37 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW1-0.52.5	20MW11-0.52.5	20MW2-0002	20MW2-1416	20MW3-0204	20MW3-0810
DEPTH (feet):	0.5 - 2.5'	0.5 - 2.5'	0 - 2'	14 - 16'	2 - 4'	8 - 10'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/31/93	03/31/93	04/01/93	04/01/93
LOCATION:	20MW1	20MW1	20MW2	20MW2	20MW3	20MW3
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		20MW1-0.52.5 (93)				
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	37 U	38 U	35 U	39 U	35 U	37 U
AROCLOR-1260	37 U	38 U	35 U	39 U	35 U	37 U
BETA-BHC	1.9 U	2 U	1.8 U	2 U	1.8 U	1.9 U
DELTA-BHC	1.9 U	2 U	1.8 U	2 U	1.8 U	1.9 U
DIELDRIN	3.7 U	3.8 U	3.5 U	3.9 U	3.5 U	3.7 U
ENDOSULFAN I	1.9 U	2 U	1.8 U	2 U	1.8 U	1.9 U
ENDOSULFAN II	3.7 U	3.8 U	3.5 U	3.9 U	3.5 U	3.7 U
ENDOSULFAN SULFATE	3.7 U	3.8 U	3.5 U	3.9 U	3.5 U	3.7 U
ENDRIN	3.7 U	3.8 U	3.5 U	3.9 U	3.5 U	3.7 U
ENDRIN ALDEHYDE	3.7 U	3.8 U	3.5 U	3.9 U	3.5 U	3.7 U
ENDRIN KETONE	3.7 U	3.8 U	3.5 U	3.9 U	3.5 U	3.7 U
GAMMA-BHC (LINDANE)	1.9 U	2 U	1.8 U	2 U	1.8 U	1.9 U
GAMMA-CHLORDANE	7.5	7.3	1.8 U	2 U	1.8 U	1.9 U
HEPTACHLOR	1.9 U	2 U	1.8 U	2 U	1.8 U	1.9 U
HEPTACHLOR EPOXIDE	4 P	3.9 P	1.8 U	2 U	1.8 U	1.9 U
METHOXYCHLOR	19 U	20 U	18 U	20 U	18 U	19 U
TOXAPHENE	190 U	200 U	180 U	200 U	180 U	190 U
METALS (mg/kg)						
ALUMINUM	10300	12000	4470 J	4350 J	4410 J	4620 J
ANTIMONY	5.5 U	6.7 U	1.8 U	2.5 UJ	2.2 UJ	2.3 UJ
ARSENIC	3	3.1	1 J	0.79 J	1.2 J	1.1 J
BARIUM	46.3	53.3	25.2 J	29.6 J	27.3 J	33.8 J

90000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW1-0.52.5	20MW11-0.52.5	20MW2-0002	20MW2-1416	20MW3-0204	20MW3-0810
DEPTH (feet):	0.5 - 2.5'	0.5 - 2.5'	0 - 2'	14 - 16'	2 - 4'	8 - 10'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/31/93	03/31/93	04/01/93	04/01/93
LOCATION:	20MW1	20MW1	20MW2	20MW2	20MW3	20MW3
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		20MW1-0.52.5 (93)				
METALS (mg/kg)						
BERYLLIUM	0.67 B	0.78 B	0.22 U	0.19 U	0.29 U	0.33 J
BORON	91.5 U	112 U	1.2 UJ	5.7 U	3.7 U	3.4 U
CADMIUM	0.37 U	0.45 U	0.25 UJ	0.37 UJ	0.32 UJ	0.34 UJ
CALCIUM	367 B	454 B	832 J	723 J	2590 J	896 J
CHROMIUM	12.9	13.8	6.4 J	4.6 J	8 J	9.1 J
COBALT	4.5 B	4.7 B	2.8 U	2.8 U	3.7 J	4.3 J
COPPER	8.6	7 4	10 J	3.5 U	26.6 J	15.6 J
CYANIDE	1 U	0.94 U	0.16 UJ	0.19 UJ	0.18 J	0.19 UJ
IRON	9730	11800	5960 J	6130 J	6980 J	6830 J
LEAD	14	12.6	65.1 J	2.3 J	60.7 J	38.3 J
MAGNESIUM	1390	1700	1400 J	1540 J	1830 J	2060 J
MANGANESE	230	248	100 J	79.2 J	109 J	79.8 J
MERCURY	0.06 U	0.06 U	0.06 UJ	0.02 UJ	0.06 UJ	0.03 U
NICKEL	7.5	9.1	4.9 J	5.2 J	11.5 J	7.5 J
POTASSIUM	327 B	4.8 B	1120 J	1290 J	975 J	1690 J
SELENIUM	0.69 B	0.76 B	0.18 UJ	0.22 UJ	0.2 UJ	0.18 U
SILVER	0.73 U	0.89 U	0.41 UJ	0.59 UJ	0.51 UJ	0.54 UJ
SODIUM	134 B	140 B	49.5 U	159 J	164 J	237 J
THALLIUM	0.19 U	0.19 U	0.11 UJ	0.13 UJ	0.12 UJ	0.1 UJ
VANADIUM	18.1	20.7	10 J	10.7 J	14.9 J	15.1 J
ZINC	29.8	35.8	23.1 J	12.8 J	68.1 J	41.5 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW1-0.52.5	20MW11-0.52.5	20MW2-0002	20MW2-1416	20MW3-0204	20MW3-0810
DEPTH (feet):	0.5 - 2.5'	0.5 - 2.5'	0 - 2'	14 - 16'	2 - 4'	8 - 10'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/31/93	03/31/93	04/01/93	04/01/93
LOCATION:	20MW1	20MW1	20MW2	20MW2	20MW3	20MW3
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		20MW1-0.52.5 (93)				
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	70 U	70 U		72 U		970

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW4-0204	20MW4-0406	20MW5-0002	20MW5-0608	20MW6-0204	20MW6-1214
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	6 - 8'	2 - 4'	12 - 14'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	03/26/93	03/26/93	03/26/93	03/26/93
LOCATION:	20MW4	20MW4	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	11 U	11 U	11 U	12 U	12 U	11 U
1,1,2,2-TETRACHLOROETHANE	11 U	11 U	11 U	12 U	12 U	11 U
1,1,2-TRICHLOROETHANE	11 U	11 U	11 U	12 U	12 U	11 U
1,1-DICHLOROETHANE	11 U	11 U	11 U	12 U	12 U	11 U
1,1-DICHLOROETHENE	11 U	11 U	11 U	12 U	12 U	11 U
1,2-DICHLOROETHANE	11 U	11 U	11 U	12 U	12 U	11 U
1,2-DICHLOROETHENE (TOTAL)	11 U	11 U	11 U	12 U	12 U	11 U
1,2-DICHLOROPROPANE	11 U	11 U	11 U	12 U	12 U	11 U
2-BUTANONE	11 U	11 U	11 U	12 U	12 U	11 U
2-HEXANONE	11 U	11 U	11 U	12 U	12 U	11 U
4-METHYL-2-PENTANONE	11 U	11 U	11 U	12 U	12 U	11 U
ACETONE	18 U	17 U	32 U	35 U	12 U	20 U
BENZENE	11 U	11 U	11 U	12 U	12 U	11 U
BROMODICHLOROMETHANE	11 U	11 U	11 U	12 U	12 U	11 U
BROMOFORM	11 U	11 U	11 U	12 U	12 U	11 U
BROMOMETHANE	11 U	11 U	11 U	12 U	12 U	11 U
CARBON DISULFIDE	11 U	11 U	11 U	7 J	12 U	11 U
CARBON TETRACHLORIDE	11 U	11 U	11 U	12 U	12 U	11 U
CHLOROBENZENE	11 U	11 U	11 U	12 U	12 U	11 U
CHLOROETHANE	11 U	11 U	11 U	12 U	12 U	11 U
CHLOROFORM	11 U	11 U	11 U	12 U	12 U	11 U
CHLOROMETHANE	11 U	11 U	11 U	12 U	12 U	11 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW4-0204	20MW4-0406	20MW5-0002	20MW5-0608	20MW6-0204	20MW6-1214
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	6 - 8'	2 - 4'	12 - 14'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	03/26/93	03/26/93	03/26/93	03/26/93
LOCATION:	20MW4	20MW4	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	11 U	11 U	11 U	12 U	12 U	11 U
DIBROMOCHLOROMETHANE	11 U	11 U	11 U	12 U	12 U	11 U
ETHYLBENZENE	11 U	11 U	11 U	12 U	12 U	11 U
METHYLENE CHLORIDE	11 U	11 U	11 U	13 U	12 U	11 U
STYRENE	11 U	11 U	11 U	12 U	12 U	11 U
TETRACHLOROETHENE	11 U	11 U	11 U	12 U	12 U	11 U
TOLUENE	11 U	11 U	11 U	12 U	12 U	11 U
TRANS-1,3-DICHLOROPROPENE	11 U	11 U	11 U	12 U	12 U	11 U
TRICHLOROETHENE	11 U	11 U	11 U	12 U	12 U	11 U
VINYL CHLORIDE	11 U	11 U	11 U	12 U	12 U	11 U
XYLENES, TOTAL	11 U	11 U	11 U	12 U	12 U	11 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
1,2-DICHLOROBENZENE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
1,3-DICHLOROBENZENE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
1,4-DICHLOROBENZENE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
2,2'-OXYBIS(1-CHLOROPROPANE)	360 UJ	380 UJ	350 UJ	1500 UJ	11000 UJ	370 UJ
2,4,5-TRICHLOROPHENOL	860 U	910 U	860 U	3700 U	28000 UJ	900 U
2,4,6-TRICHLOROPHENOL	360 U	380 U	350 U	1500 U	11000 UJ	370 U
2,4-DICHLOROPHENOL	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
2,4-DIMETHYLPHENOL	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
2,4-DINITROPHENOL	860 U	910 UJ	860 U	3700 UJ	28000 UJ	900 UJ

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW4-0204	20MW4-0406	20MW5-0002	20MW5-0608	20MW6-0204	20MW6-1214
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	6 - 8'	2 - 4'	12 - 14'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	03/26/93	03/26/93	03/26/93	03/26/93
LOCATION:	20MW4	20MW4	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
2,6-DINITROTOLUENE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
2-CHLORONAPHTHALENE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
2-CHLOROPHENOL	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
2-METHYLNAPHTHALENE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
2-METHYLPHENOL	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
2-NITROANILINE	860 U	910 U	860 U	3700 U	28000 UJ	900 U
2-NITROPHENOL	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
3,3'-DICHLOROBENZIDINE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
3-NITROANILINE	860 U	910 U	860 U	3700 U	28000 UJ	900 U
4,6-DINITRO-2-METHYLPHENOL	860 UJ	910 UJ	860 U	3700 UJ	28000 UJ	900 UJ
4-BROMOPHENYL PHENYL ETHER	360 U	380 U	350 U	1500 U	11000 UJ	370 U
4-CHLORO-3-METHYLPHENOL	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
4-CHLOROANILINE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
4-CHLOROPHENYL PHENYL ETHER	360 U	380 U	350 U	1500 U	11000 UJ	370 U
4-METHYLPHENOL	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
4-NITROANILINE	860 U	910 U	860 U	3700 U	28000 UJ	900 U
4-NITROPHENOL	860 UJ	910 UJ	860 U	3700 UJ	28000 UJ	900 UJ
ACENAPHTHENE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
ACENAPHTHYLENE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
ANTHRACENE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
BENZO(A)ANTHRACENE	360 U	380 U	570 J	1500 U	9500 J	250 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW4-0204	20MW4-0406	20MW5-0002	20MW5-0608	20MW6-0204	20MW6-1214
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	6 - 8'	2 - 4'	12 - 14'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	03/26/93	03/26/93	03/26/93	03/26/93
LOCATION:	20MW4	20MW4	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	360 UJ	380 U	700	1500 U	14000 J	260 UJ
BENZO(B)FLUORANTHENE	360 UJ	380 U	1400	1500 U	16000 J	230 UJ
BENZO(G,H,I)PERYLENE	360 UJ	380 U	560	1500 U	7300 J	370 UJ
BENZO(K)FLUORANTHENE	360 UJ	380 U	350 U	1500 U	9700 J	290 UJ
BIS(2-CHLOROETHOXY)METHANE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
BIS(2-CHLOROETHYL)ETHER	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
BIS(2-ETHYLHEXYL)PHTHALATE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
BUTYLBENZYL PHTHALATE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
CARBAZOLE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
CHRYSENE	360 U	380 U	690	1500 U	11000 J	270 J
DI-N-BUTYL PHTHALATE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
DI-N-OCTYL PHTHALATE	360 U	380 U	350 U	1500 U	11000 UJ	370 UJ
DIBENZO(A,H)ANTHRACENE	360 UJ	380 U	190 R	1500 U	11000 UJ	370 UJ
DIBENZOFURAN	360 UJ	380 U	350 U	1500 U	11000 UJ	370 U
DIETHYL PHTHALATE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
DIMETHYL PHTHALATE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
FLUORANTHENE	200 J	380 U	910	1200 J	19000 J	660 J
FLUORENE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
HEXACHLOROBENZENE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
HEXACHLOROBUTADIENE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
HEXACHLOROCYCLOPENTADIENE	360 UJ	380 UJ	350 U	1500 UJ	11000 UJ	370 UJ
HEXACHLOROETHANE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW4-0204	20MW4-0406	20MW5-0002	20MW5-0608	20MW6-0204	20MW6-1214
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	6 - 8'	2 - 4'	12 - 14'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	03/26/93	03/26/93	03/26/93	03/26/93
LOCATION:	20MW4	20MW4	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	360 UJ	380 U	450	1500 U	7000 J	370 UJ
ISOPHORONE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
N-NITROSO-DI-N-PROPYLAMINE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
N-NITROSODIPHENYLAMINE	360 U	380 U	350 U	1500 U	11000 UJ	370 U
NAPHTHALENE	860 U	380 UJ	350 U	1500 U	11000 UJ	370 U
NITROBENZENE	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
PENTACHLOROPHENOL	860 U	910 U	860 U	3700 U	28000 UJ	900 U
PHENANTHRENE	360 U	380 U	310 J	1500 U	7600 J	400 J
PHENOL	360 U	380 UJ	350 U	1500 U	11000 UJ	370 U
PYRENE	360 U	380 U	860 J	850 J	14000 J	560
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	3.5 U	3.7 U	3.5 U	3.9 U	3.7 U	3.7 U
4,4'-DDE	3.5 U	3.7 U	3.5 U	3.9 U	3.7 U	3.7 U
4,4'-DDT	3.5 U	3.7 U	3.5 U	3.9 U	3.7 U	3.7 U
ALDRIN	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
ALPHA-BHC	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
ALPHA-CHLORDANE	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
AROCLOR-1016	35 U	37 U	35 U	39 U	37 U	37 U
AROCLOR-1221	72 U	75 U	72 U	78 U	75 U	76 U
AROCLOR-1232	35 U	37 U	35 U	39 U	37 U	37 U
AROCLOR-1242	35 U	37 U	35 U	39 U	37 U	37 U
AROCLOR-1248	35 U	37 U	35 U	39 U	37 U	37 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW4-0204	20MW4-0406	20MW5-0002	20MW5-0608	20MW6-0204	20MW6-1214
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	6 - 8'	2 - 4'	12 - 14'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	03/26/93	03/26/93	03/26/93	03/26/93
LOCATION:	20MW4	20MW4	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	35 U	37 U	35 U	39 U	37 U	37 U
AROCLOR-1260	35 U	37 U	35 U	39 U	37 U	37 U
BETA-BHC	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
DELTA-BHC	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
DIELDRIN	3.5 U	3.7 U	3.5 U	3.9 U	3.7 U	3.7 U
ENDOSULFAN I	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
ENDOSULFAN II	3.5 U	3.7 U	3.5 U	3.9 U	3.7 U	3.7 U
ENDOSULFAN SULFATE	3.5 U	3.7 U	3.5 U	3.9 U	3.7 U	3.7 U
ENDRIN	3.5 U	3.7 U	3.5 U	3.9 U	3.7 U	3.7 U
ENDRIN ALDEHYDE	3.5 U	3.7 U	3.5 U	3.9 U	3.7 U	3.7 U
ENDRIN KETONE	3.5 U	3.7 U	3.5 U	3.9 U	3.7 U	3.7 U
GAMMA-BHC (LINDANE)	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
GAMMA-CHLORDANE	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
HEPTACHLOR	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
HEPTACHLOR EPOXIDE	1.8 U	1.9 U	1.8 U	2 U	1.9 U	1.9 U
METHOXYCHLOR	18 U	19 U	18 U	20 U	19 U	19 U
TOXAPHENE	180 U	190 U	180 U	200 U	190 U	190 U
DIOXINS/FURANS (ng/kg)						
DIOXIN			0 U		0.16	
METALS (mg/kg)						
ALUMINUM	7280 J	3590 J	3860 J	6530 J	136 J	5050
ANTIMONY	2.3 UJ	2.1 UJ	5.3 U	14.3 J	7580 UJ	17.4

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW4-0204	20MW4-0406	20MW5-0002	20MW5-0608	20MW6-0204	20MW6-1214
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	6 - 8'	2 - 4'	12 - 14'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	03/26/93	03/26/93	03/26/93	03/26/93
LOCATION:	20MW4	20MW4	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ARSENIC	0.4 J	0.32 J	0.89 J	2.2 J	1.9 J	2.8
BARIUM	56.8 J	20.3 J	30.7 J	101 J	170 J	127
BERYLLIUM	0.31 J	0.18 U	0.17 U	0.3 J	0.05 U	1.2
BORON	1.8 U	1.5 UJ	1.6 UJ	2 U	2.3 UJ	4 B
CADMIUM	0.33 UJ	0.31 UJ	0.34 UJ	0.5 J	6.8 UJ	1.4
CALCIUM	1490 J	678 J	670 J	2410 J	631 J	4660
CHROMIUM	11 J	4.1 U	9.1 J	12.8 J	4.1 J	19.3
COBALT	5.3 J	2.2 U	3.4 J	4.7 J	1.1 J	4.4 B
COPPER	11.6 J	4.7 J	122 J	123 J	74.9 J	142
CYANIDE	0.19 UJ	0.19 UJ	0.17 UJ	0.21 UJ	0.21 UJ	0.19 U
IRON	10400 J	5570 J	6850 J	10100 J	4510 J	37800
LEAD	20.4 J	12 J	128 J	1040 J	189000 J	1540
MAGNESIUM	2560 J	1250 J	1520 J	2120 J	47.9 J	1530
MANGANESE	149 J	99.1 J	113 J	97.7 J	32.7 J	194
MERCURY	0.02 UJ	0.02 UJ	0.12 J	0.09 U	1.2 U	0.14
NICKEL	7.8 J	3.7 J	4.8 J	11 J	1.8 J	254
POTASSIUM	1970 J	1280 J	1420 J	1210 J	53 J	960 B
SELENIUM	0.19 U	0.22 U	0.2 UJ	0.18 U	1.7 UJ	0.17 UJ
SILVER	0.54 UJ	0.5 UJ	0.54 UJ	0.49 UJ	5.4 UJ	0.75 B
SODIUM	95.2 J	158 J	103 J	107 J	68.1 J	1880
THALLIUM	0.12 UJ	0.11 UJ	0.12 UJ	0.11 UJ	1 UJ	0.1 UJ
VANADIUM	20.4 J	9 J	10.7 J	15.2 J	1.9 J	213

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW4-0204	20MW4-0406	20MW5-0002	20MW5-0608	20MW6-0204	20MW6-1214
DEPTH (feet):	2 - 4'	4 - 6'	0 - 2'	6 - 8'	2 - 4'	12 - 14'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	03/26/93	03/26/93	03/26/93	03/26/93
LOCATION:	20MW4	20MW4	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ZINC	22.5 J	13.1 J	146 J	229 J	608 J	682
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		200		720		150

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW7-0204	20MW7-0406	20TB1-0204	20TB1-0608	20TB11-0608	20TB2-0204
DEPTH (feet):	2 - 4'	4 - 6'	2 - 4'	6 - 8'	6 - 8'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	04/02/93	04/02/93	04/02/93	03/31/93
LOCATION:	20MW7	20MW7	20TB1	20TB1	20TB1	20TB2
VALIDATED:	VALIDATED	VALIDATED				VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					20TB1-0608 (93)	
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	11 U	12 U	11 U	11 U	11 U	10 U
1,1,2,2-TETRACHLOROETHANE	11 U	12 U	11 U	11 U	11 U	10 U
1,1,2-TRICHLOROETHANE	11 U	12 U	11 U	11 U	11 U	10 U
1,1-DICHLOROETHANE	11 U	12 U	11 U	11 U	11 U	10 U
1,1-DICHLOROETHENE	11 U	12 U	11 U	11 U	11 U	10 U
1,2-DICHLOROETHANE	11 U	12 U	11 U	11 U	11 U	10 U
1,2-DICHLOROETHENE (TOTAL)	11 U	12 U	11 U	11 U	11 U	10 U
1,2-DICHLOROPROPANE	11 U	12 U	11 U	11 U	11 U	10 U
2-BUTANONE	11 U	12 U	11 U	11 U	11 U	10 U
2-HEXANONE	11 U	12 U	11 U	11 U	11 U	10 U
4-METHYL-2-PENTANONE	11 U	12 U	11 U	11 U	11 U	10 U
ACETONE	26 U	20 U	11 U	11 U	38	13 U
BENZENE	11 U	12 U	11 U	11 U	11 U	10 U
BROMODICHLOROMETHANE	11 U	12 U	11 U	11 U	11 U	10 U
BROMOFORM	11 U	12 U	11 U	11 U	11 U	10 U
BROMOMETHANE	11 U	12 U	11 U	11 U	11 U	10 U
CARBON DISULFIDE	11 U	12 U	11 U	11 U	11 U	10 U
CARBON TETRACHLORIDE	11 U	12 U	11 U	11 U	11 U	10 U
CHLOROBENZENE	11 U	12 U	11 U	11 U	11 U	10 U
CHLOROETHANE	11 U	12 U	11 U	11 U	11 U	10 U
CHLOROFORM	11 U	12 U	11 U	11 U	11 U	10 U
CHLOROMETHANE	11 U	12 U	11 U	11 U	11 U	10 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW7-0204	20MW7-0406	20TB1-0204	20TB1-0608	20TB11-0608	20TB2-0204
DEPTH (feet):	2 - 4'	4 - 6'	2 - 4'	6 - 8'	6 - 8'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	04/02/93	04/02/93	04/02/93	03/31/93
LOCATION:	20MW7	20MW7	20TB1	20TB1	20TB1	20TB2
VALIDATED:	VALIDATED	VALIDATED				VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					20TB1-0608 (93)	
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	11 U	12 U	11 U	11 U	11 U	10 U
DIBROMOCHLOROMETHANE	11 U	12 U	11 U	11 U	11 U	10 U
ETHYLBENZENE	11 U	12 U	11 U	11 U	11 U	10 U
METHYLENE CHLORIDE	11 U	12 U	6 JB	7 JB	9 JB	10 U
STYRENE	11 U	12 U	11 U	11 U	11 U	10 U
TETRACHLOROETHENE	11 U	12 U	11 U	11 U	11 U	10 U
TOLUENE	11 U	12 U	11 U	11 U	11 U	10 U
TRANS-1,3-DICHLOROPROPENE	11 U	12 U	11 U	11 U	11 U	10 U
TRICHLOROETHENE	11 U	12 U	11 U	11 U	11 U	10 U
VINYL CHLORIDE	11 U	12 U	11 U	11 U	11 U	10 U
XYLENES, TOTAL	11 U	12 U	11 U	11 U	11 U	10 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	370 U	370 U	350 U	390 U	370 U	360 U
1,2-DICHLOROBENZENE	370 U	370 U	350 U	390 U	370 U	360 U
1,3-DICHLOROBENZENE	370 U	370 U	350 U	390 U	370 U	360 U
1,4-DICHLOROBENZENE	370 U	370 U	350 U	390 U	370 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)	370 U	370 U	350 U	390 U	370 U	360 UJ
2,4,5-TRICHLOROPHENOL	900 U	900 U	850 U	940 U	890 U	860 U
2,4,6-TRICHLOROPHENOL	370 U	370 U	350 U	390 U	370 U	360 U
2,4-DICHLOROPHENOL	370 U	370 U	350 U	390 U	370 U	360 U
2,4-DIMETHYLPHENOL	370 U	370 U	350 U	390 U	370 U	360 U
2,4-DINITROPHENOL	900 U	900 UJ	850 U	940 U	890 U	860 UJ

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW7-0204	20MW7-0406	20TB1-0204	20TB1-0608	20TB11-0608	20TB2-0204
DEPTH (feet):	2 - 4'	4 - 6'	2 - 4'	6 - 8'	6 - 8'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	04/02/93	04/02/93	04/02/93	03/31/93
LOCATION:	20MW7	20MW7	20TB1	20TB1	20TB1	20TB2
VALIDATED:	VALIDATED	VALIDATED				VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					20TB1-0608 (93)	
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	370 U	370 U	350 U	390 U	370 U	360 U
2,6-DINITROTOLUENE	370 U	370 U	350 U	390 U	370 U	360 U
2-CHLORONAPHTHALENE	370 U	370 U	350 U	390 U	370 U	360 U
2-CHLOROPHENOL	370 U	370 U	350 U	390 U	370 U	360 U
2-METHYLNAPHTHALENE	370 U	370 U	350 U	390 U	370 U	360 U
2-METHYLPHENOL	370 U	370 U	350 U	390 U	370 U	360 U
2-NITROANILINE	900 U	900 U	850 U	940 U	890 U	860 U
2-NITROPHENOL	370 U	370 U	350 U	390 U	370 U	360 U
3,3'-DICHLOROBENZIDINE	370 U	370 U	350 U	390 U	370 U	360 U
3-NITROANILINE	900 U	900 U	850 U	940 U	890 U	860 U
4,6-DINITRO-2-METHYLPHENOL	900 U	900 UJ	850 U	940 U	890 U	860 UJ
4-BROMOPHENYL PHENYL ETHER	370 U	370 U	350 U	390 U	370 U	360 U
4-CHLORO-3-METHYLPHENOL	370 U	370 U	350 U	390 U	370 U	360 U
4-CHLOROANILINE	370 U	370 U	350 U	390 U	370 U	360 U
4-CHLOROPHENYL PHENYL ETHER	370 U	370 U	350 U	390 U	370 U	360 U
4-METHYLPHENOL	370 U	370 UJ	350 U	390 U	370 U	360 U
4-NITROANILINE	900 U	900 U	850 U	940 U	890 U	860 U
4-NITROPHENOL	900 U	900 UJ	850 U	940 U	890 U	860 UJ
ACENAPHTHENE	370 U	370 U	350 U	390 U	370 U	360 U
ACENAPHTHYLENE	370 U	370 U	350 U	390 U	370 U	360 U
ANTHRACENE	370 U	370 U	350 U	390 U	370 U	360 U
BENZO(A)ANTHRACENE	370 U	370 U	190 J	390 U	370 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW7-0204	20MW7-0406	20TB1-0204	20TB1-0608	20TB11-0608	20TB2-0204
DEPTH (feet):	2 - 4'	4 - 6'	2 - 4'	6 - 8'	6 - 8'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	04/02/93	04/02/93	04/02/93	03/31/93
LOCATION:	20MW7	20MW7	20TB1	20TB1	20TB1	20TB2
VALIDATED:	VALIDATED	VALIDATED				VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					20TB1-0608 (93)	
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	370 U	370 R	350 U	390 U	370 U	360 U
BENZO(B)FLUORANTHENE	370 U	370 R	230 J	390 U	370 U	360 U
BENZO(G,H,I)PERYLENE	370 U	370 R	350 U	390 U	370 U	360 U
BENZO(K)FLUORANTHENE	370 U	370 R	350 U	390 U	370 U	360 U
BIS(2-CHLOROETHOXY)METHANE	370 U	370 U	350 U	390 U	370 U	360 U
BIS(2-CHLOROETHYL)ETHER	370 U	370 U	350 U	390 U	370 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE	370 U	370 U	350 U	390 U	370 U	360 U
BUTYLBENZYL PHTHALATE	370 U	370 U	350 U	390 U	370 U	360 U
CARBAZOLE	370 U	370 U	350 U	390 U	370 U	360 U
CHRYSENE	370 U	370 U	190 J	390 U	370 U	360 U
DI-N-BUTYL PHTHALATE	370 U	370 U	350 U	390 U	370 U	360 U
DI-N-OCTYL PHTHALATE	370 U	370 R	350 U	390 U	370 U	360 U
DIBENZO(A,H)ANTHRACENE	370 U	370 R	350 U	390 U	370 U	360 U
DIBENZOFURAN	370 U	370 U	350 U	390 U	370 U	360 U
DIETHYL PHTHALATE	370 U	370 U	350 U	390 U	370 U	360 U
DIMETHYL PHTHALATE	370 U	370 U	350 U	390 U	370 U	360 U
FLUORANTHENE	370 U	370 U	340 J	390 U	370 U	360 U
FLUORENE	370 U	370 U	350 U	390 U	370 U	360 U
HEXACHLOROBENZENE	370 U	370 U	350 U	390 U	370 U	360 U
HEXACHLOROBUTADIENE	370 U	370 U	350 U	390 U	370 U	360 U
HEXACHLOROCYCLOPENTADIENE	370 UJ	370 UJ	350 U	390 U	370 U	360 UJ
HEXACHLOROETHANE	370 U	370 U	350 U	390 U	370 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW7-0204	20MW7-0406	20TB1-0204	20TB1-0608	20TB11-0608	20TB2-0204
DEPTH (feet):	2 - 4'	4 - 6'	2 - 4'	6 - 8'	6 - 8'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	04/02/93	04/02/93	04/02/93	03/31/93
LOCATION:	20MW7	20MW7	20TB1	20TB1	20TB1	20TB2
VALIDATED:	VALIDATED	VALIDATED				VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					20TB1-0608 (93)	
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	370 U	370 R	350 U	390 U	370 U	360 U
ISOPHORONE	370 U	370 U	350 U	390 U	370 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	370 U	370 U	350 U	390 U	370 U	360 U
N-NITROSODIPHENYLAMINE	370 U	370 U	350 U	390 U	370 U	360 U
NAPHTHALENE	370 U	370 U	350 U	390 U	370 U	360 U
NITROBENZENE	370 U	370 U	350 U	390 U	370 U	360 U
PENTACHLOROPHENOL	900 U	900 U	850 U	940 U	890 U	860 U
PHENANTHRENE	370 U	370 U	350 U	390 U	370 U	360 U
PHENOL	370 U	370 U	350 U	390 U	370 U	360 U
PYRENE	370 U	370 U	290 J	390 U	370 U	360 U
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	3.7 U	3.8 U	3.5 U	3.9 U	3.7 U	3.6 U
4,4'-DDE	3.7 U	3.8 U	3.5 U	3.9 U	3.7 U	3.6 U
4,4'-DDT	3.7 U	3.8 U	3.5 U	3.9 U	3.7 U	3.6 U
ALDRIN	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
ALPHA-BHC	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
ALPHA-CHLORDANE	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
AROCLOR-1016	37 U	38 U	35 U	39 U	37 U	36 U
AROCLOR-1221	74 U	77 U	71 U	79 U	75 U	73 U
AROCLOR-1232	37 U	38 U	35 U	39 U	37 U	36 U
AROCLOR-1242	37 U	38 U	35 U	39 U	37 U	36 U
AROCLOR-1248	37 U	38 U	35 U	39 U	37 U	36 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW7-0204	20MW7-0406	20TB1-0204	20TB1-0608	20TB11-0608	20TB2-0204
DEPTH (feet):	2 - 4'	4 - 6'	2 - 4'	6 - 8'	6 - 8'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	04/02/93	04/02/93	04/02/93	03/31/93
LOCATION:	20MW7	20MW7	20TB1	20TB1	20TB1	20TB2
VALIDATED:	VALIDATED	VALIDATED				VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					20TB1-0608 (93)	
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	37 U	38 U	35 U	39 U	37 U	36 U
AROCLOR-1260	37 U	38 U	35 U	39 U	37 U	36 U
BETA-BHC	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
DELTA-BHC	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
DIELDRIN	3.7 U	3.8 U	3.5 U	3.9 U	3.7 U	3.6 U
ENDOSULFAN I	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
ENDOSULFAN II	3.7 U	3.8 U	3.5 U	3.9 U	3.7 U	3.6 U
ENDOSULFAN SULFATE	3.7 U	3.8 U	3.5 U	3.9 U	3.7 U	3.6 U
ENDRIN	3.7 U	3.8 U	3.5 U	3.9 U	3.7 U	3.6 U
ENDRIN ALDEHYDE	3.7 U	3.8 U	3.5 U	3.9 U	3.7 U	3.6 U
ENDRIN KETONE	3.7 U	3.8 U	3.5 U	3.9 U	3.7 U	3.6 U
GAMMA-BHC (LINDANE)	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
GAMMA-CHLORDANE	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
HEPTACHLOR	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
HEPTACHLOR EPOXIDE	1.9 U	1.9 U	1.8 U	2 U	1.9 U	1.8 U
METHOXYCHLOR	19 U	19 U	18 U	20 U	19 U	18 U
TOXAPHENE	190 U	190 U	180 U	200 U	190 U	180 U
DIOXINS/FURANS (ng/kg)						
DIOXIN	0 U					
METALS (mg/kg)						
ALUMINUM	3220 J	3880 J	5680	4570	4530	5780 J
ANTIMONY	2.3 UJ	2.5 UJ	2.3 UN	2.1 UN	2.7 UN	2.1 UJ

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW7-0204	20MW7-0406	20TB1-0204	20TB1-0608	20TB11-0608	20TB2-0204
DEPTH (feet):	2 - 4'	4 - 6'	2 - 4'	6 - 8'	6 - 8'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	04/02/93	04/02/93	04/02/93	03/31/93
LOCATION:	20MW7	20MW7	20TB1	20TB1	20TB1	20TB2
VALIDATED:	VALIDATED	VALIDATED				VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					20TB1-0608 (93)	
METALS (mg/kg)						
ARSENIC	0.32 J	0.49 J	1 BN	1.4 BN	0.96 BN	2 J
BARIUM	25 J	21.5 J	23.7 B	29.7 B	29.2 B	24.1 J
BERYLLIUM	0.17 U	0.19 U	0.3 B	0.19 B	0.19 B	0.23 U
BORON	1.6 UJ	2.7 U	1.7 B	1.5 U	1.9 U	1.5 UJ
CADMIUM	0.33 UJ	0.37 UJ	0.33 UN	0.31 UN	0.4 UN	0.3 UJ
CALCIUM	471 J	578 J	889 B	830 B	770 B	661 J
CHROMIUM	4.1 U	6.1 J	7.6	6.4	7.4	6.5 J
COBALT	2.6 U	4 J	3.4 B	3 B	3.4 B	3.4 J
COPPER	3 J	6.4 J	8.4	4.4	5.1 B	9.2 J
CYANIDE	0.18 UJ	0.17 UJ	0.17 U	0.19 U	0.18 U	0.17 UJ
IRON	5190 J	6550 J	6500	6320	6000	5770 J
LEAD	6.3 J	6.2 J	35.5	2.2 N	6.1 NS	33.6 J
MAGNESIUM	1320 J	1620 J	1630	1710	1600	1410 J
MANGANESE	120 J	104 J	111	87.7	80.5	117 J
MERCURY	0.07 UJ	0.04 UJ	0.03 U	0.03 U	0.04 U	0.09 U
NICKEL	2.5 J	4.6 J	3.9 B	3.5 B	4.4 B	6.1 J
POTASSIUM	1460 J	1230 J	1120	1600	1250	593 J
SELENIUM	0.2 UJ	0.22 UJ	0.14 UN	0.18 UN	0.15 UN	0.14 UJ
SILVER	0.54 UJ	0.6 UJ	0.53 UN	0.5 UN	0.64 UN	0.49 UJ
SODIUM	123 J	164 J	68.4 BE	102 BE	97.9 BE	141 J
THALLIUM	0.12 UJ	0.13 UJ	0.18 BNW	0.18 BNW	0.11 UNW	0.08 UJ
VANADIUM	8.2 J	10.7 J	12.8	10	9.9 B	11.3 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW7-0204	20MW7-0406	20TB1-0204	20TB1-0608	20TB11-0608	20TB2-0204
DEPTH (feet):	2 - 4'	4 - 6'	2 - 4'	6 - 8'	6 - 8'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/30/93	03/30/93	04/02/93	04/02/93	04/02/93	03/31/93
LOCATION:	20MW7	20MW7	20TB1	20TB1	20TB1	20TB2
VALIDATED:	VALIDATED	VALIDATED				VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					20TB1-0608 (93)	
METALS (mg/kg)						
ZINC	13.6 J	14 J	16.9	13.9	13	26.8 J
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		2500		68 U	69 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB2-1416	20TB3-0204	20TB3-1012	20TB4-0002	20TB4-0406	20TB4-1416
DEPTH (feet):	14 - 16'	2 - 4'	10 - 12'	0 - 2'	4 - 6'	14 - 16'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/31/93	03/29/93	03/29/93	03/31/93	03/31/93	03/31/93
LOCATION:	20TB2	20TB3	20TB3	20TB4	20TB4	20TB4
VALIDATED:		VALIDATED		VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	11 U	11 U	11 U	11 U		14 U
1,1,2,2-TETRACHLOROETHANE	11 U	11 U	11 U	11 U		14 U
1,1,2-TRICHLOROETHANE	11 U	11 U	11 U	11 U		14 U
1,1-DICHLOROETHANE	11 U	11 U	11 U	11 U		14 U
1,1-DICHLOROETHENE	11 U	11 U	11 U	11 U		14 U
1,2-DICHLOROETHANE	11 U	11 U	11 U	11 U		14 U
1,2-DICHLOROETHENE (TOTAL)	11 U	11 U	11 U	11 U		14 U
1,2-DICHLOROPROPANE	11 U	11 U	11 U	11 U		14 U
2-BUTANONE	11 U	11 U	11 U	11 U		14 U
2-HEXANONE	11 U	11 U	11 U	11 U		14 U
4-METHYL-2-PENTANONE	11 U	11 U	11 U	11 U		14 U
ACETONE	17 U	19 U	20 U	9 J		45
BENZENE	11 U	11 U	11 U	11 U		14 U
BROMODICHLOROMETHANE	11 U	11 U	11 U	11 U		14 U
BROMOFORM	11 U	11 U	11 U	11 U		14 U
BROMOMETHANE	11 U	11 U	11 U	11 U		14 U
CARBON DISULFIDE	11 U	11 U	11 U	11 U		14 U
CARBON TETRACHLORIDE	11 U	11 U	11 U	11 U		14 U
CHLOROBENZENE	11 U	11 U	11 U	11 U		14 U
CHLOROETHANE	11 U	11 U	11 U	11 U		14 U
CHLOROFORM	11 U	11 U	11 U	11 U		14 U
CHLOROMETHANE	11 U	11 U	11 U	11 U		14 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB2-1416	20TB3-0204	20TB3-1012	20TB4-0002	20TB4-0406	20TB4-1416
DEPTH (feet):	14 - 16'	2 - 4'	10 - 12'	0 - 2'	4 - 6'	14 - 16'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/31/93	03/29/93	03/29/93	03/31/93	03/31/93	03/31/93
LOCATION:	20TB2	20TB3	20TB3	20TB4	20TB4	20TB4
VALIDATED:		VALIDATED		VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	11 U	11 U	11 U	11 U		14 U
DIBROMOCHLOROMETHANE	11 U	11 U	11 U	11 U		14 U
ETHYLBENZENE	11 U	11 U	11 U	11 U		14 U
METHYLENE CHLORIDE	11 U	11 U	11 U	5 JB		7 JB
STYRENE	11 U	11 U	11 U	11 U		14 U
TETRACHLOROETHENE	11 U	11 U	11 U	11 U		14 U
TOLUENE	11 U	11 U	11 U	11 U		14 U
TRANS-1,3-DICHLOROPROPENE	11 U	11 U	11 U	11 U		14 U
TRICHLOROETHENE	11 U	11 U	11 U	11 U		14 U
VINYL CHLORIDE	11 U	11 U	11 U	11 U		14 U
XYLENES, TOTAL	11 U	11 U	11 U	11 U		14 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U	350 U	360 U	390 U		1800 U
1,2-DICHLOROBENZENE	360 U	350 U	360 U	390 U		1800 U
1,3-DICHLOROBENZENE	360 U	350 U	360 U	390 U		1800 U
1,4-DICHLOROBENZENE	360 U	350 U	360 U	390 U		1800 U
2,2'-OXYBIS(1-CHLOROPROPANE)	360 UJ	350 U	360 U	390 U		1800 U
2,4,5-TRICHLOROPHENOL	880 U	850 U	880 U	940 U		4300 U
2,4,6-TRICHLOROPHENOL	360 U	350 U	360 U	390 U		1800 U
2,4-DICHLOROPHENOL	360 U	350 U	360 U	390 U		1800 U
2,4-DIMETHYLPHENOL	360 U	350 U	360 U	390 U		1800 U
2,4-DINITROPHENOL	880 UJ	850 U	880 U	940 U		4300 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB2-1416	20TB3-0204	20TB3-1012	20TB4-0002	20TB4-0406	20TB4-1416
DEPTH (feet):	14 - 16'	2 - 4'	10 - 12'	0 - 2'	4 - 6'	14 - 16'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/31/93	03/29/93	03/29/93	03/31/93	03/31/93	03/31/93
LOCATION:	20TB2	20TB3	20TB3	20TB4	20TB4	20TB4
VALIDATED:		VALIDATED		VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	360 U	350 U	360 U	390 U		1800 U
2,6-DINITROTOLUENE	360 U	350 U	360 U	390 U		1800 U
2-CHLORONAPHTHALENE	360 U	350 U	360 U	390 U		1800 U
2-CHLOROPHENOL	360 U	350 U	360 U	390 U		1800 U
2-METHYLNAPHTHALENE	360 U	350 U	360 U	390 U		1800 U
2-METHYLPHENOL	360 U	350 U	360 U	390 U		1800 U
2-NITROANILINE	880 U	850 U	880 U	940 U		4300 U
2-NITROPHENOL	360 U	350 U	360 U	390 U		1800 U
3,3'-DICHLOROBENZIDINE	360 U	350 U	360 U	390 U		1800 U
3-NITROANILINE	880 U	850 U	880 U	940 U		4300 U
4,6-DINITRO-2-METHYLPHENOL	880 UJ	850 U	880 U	940 U		4300 U
4-BROMOPHENYL PHENYL ETHER	360 U	350 U	360 U	390 U		1800 U
4-CHLORO-3-METHYLPHENOL	360 U	350 U	360 U	390 U		1800 U
4-CHLOROANILINE	360 U	350 U	360 U	390 U		1800 U
4-CHLOROPHENYL PHENYL ETHER	360 U	350 U	360 U	390 U		1800 U
4-METHYLPHENOL	360 U	350 U	360 U	390 U		1800 U
4-NITROANILINE	880 U	850 U	880 U	940 U		4300 U
4-NITROPHENOL	880 UJ	850 U	880 U	940 U		4300 U
ACENAPHTHENE	360 U	350 U	360 U	390 U		1800 U
ACENAPHTHYLENE	360 U	350 U	360 U	390 U		1800 U
ANTHRACENE	360 U	350 U	360 U	390 U		1800 U
BENZO(A)ANTHRACENE	360 U	260 J	360 U	390 U		1800 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB2-1416	20TB3-0204	20TB3-1012	20TB4-0002	20TB4-0406	20TB4-1416
DEPTH (feet):	14 - 16'	2 - 4'	10 - 12'	0 - 2'	4 - 6'	14 - 16'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/31/93	03/29/93	03/29/93	03/31/93	03/31/93	03/31/93
LOCATION:	20TB2	20TB3	20TB3	20TB4	20TB4	20TB4
VALIDATED:		VALIDATED		VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	360 U	210 J	360 U	390 U		1800 U
BENZO(B)FLUORANTHENE	360 U	240 J	360 U	390 U		1800 U
BENZO(G,H,I)PERYLENE	360 U	350 U	360 U	390 U		1800 U
BENZO(K)FLUORANTHENE	360 U	230 J	360 U	390 U		1800 U
BIS(2-CHLOROETHOXY)METHANE	360 U	350 U	360 U	390 U		1800 U
BIS(2-CHLOROETHYL)ETHER	360 U	350 U	360 U	390 U		1800 U
BIS(2-ETHYLHEXYL)PHTHALATE	360 U	350 U	360 U	390 U		1800 U
BUTYLBENZYL PHTHALATE	360 U	350 U	360 U	390 U		1800 U
CARBAZOLE	360 U	350 U	360 U	390 U		1800 U
CHRYSENE	360 U	250 J	360 U	390 U		1800 U
DI-N-BUTYL PHTHALATE	360 U	350 U	360 U	390 U		1800 U
DI-N-OCTYL PHTHALATE	360 U	350 U	360 U	390 U		1800 U
DIBENZO(A,H)ANTHRACENE	360 U	350 U	360 U	390 U		1800 U
DIBENZOFURAN	360 U	350 U	360 U	390 U		1800 U
DIETHYL PHTHALATE	360 U	350 U	360 U	390 U		1800 U
DIMETHYL PHTHALATE	360 U	350 U	360 U	390 U		1800 U
FLUORANTHENE	360 U	400 J	290 J	390 U		1300 J
FLUORENE	360 U	350 U	360 U	390 U		1800 U
HEXACHLOROBENZENE	360 U	350 U	360 U	390 U		1800 U
HEXACHLOROBUTADIENE	360 U	350 U	360 U	390 U		1800 U
HEXACHLOROCYCLOPENTADIENE	360 UJ	350 UJ	360 UJ	390 U		1800 U
HEXACHLOROETHANE	360 U	350 U	360 U	390 U		1800 U

82000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB2-1416	20TB3-0204	20TB3-1012	20TB4-0002	20TB4-0406	20TB4-1416
DEPTH (feet):	14 - 16'	2 - 4'	10 - 12'	0 - 2'	4 - 6'	14 - 16'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/31/93	03/29/93	03/29/93	03/31/93	03/31/93	03/31/93
LOCATION:	20TB2	20TB3	20TB3	20TB4	20TB4	20TB4
VALIDATED:		VALIDATED		VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	360 U	350 U	360 U	390 U		1800 U
ISOPHORONE	360 U	350 U	360 U	390 U		1800 U
N-NITROSO-DI-N-PROPYLAMINE	360 U	350 U	360 U	390 U		1800 U
N-NITROSODIPHENYLAMINE	360 U	350 U	360 U	390 U		1800 U
NAPHTHALENE	360 U	350 U	360 U	390 U		1800 U
NITROBENZENE	360 U	350 U	360 U	390 U		1800 U
PENTACHLOROPHENOL	880 U	850 U	880 U	940 U		4300 U
PHENANTHRENE	360 U	190 J	360 U	390 U		1800 U
PHENOL	360 U	350 U	360 U	390 U		1800 U
PYRENE	360 U	410	230 J	390 U		1200 J
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	3.6 U	3.6 U	3.7 U	3.9 U		4.8 U
4,4'-DDE	3.6 U	3.6 U	3.7 U	3.9 U		4.8 U
4,4'-DDT	3.6 U	3.6 U	3.7 U	3.9 U		4.8 U
ALDRIN	1.9 U	1.8 U	1.9 U	2 U		2.5 U
ALPHA-BHC	1.9 U	1.8 U	1.9 U	2 U		2.5 U
ALPHA-CHLORDANE	1.9 U	1.8 U	1.9 U	2 U		2.5 U
AROCLOR-1016	36 U	36 U	37 U	39 U		48 U
AROCLOR-1221	74 U	73 U	75 U	80 U		98 U
AROCLOR-1232	36 U	36 U	37 U	39 U		48 U
AROCLOR-1242	36 U	36 U	37 U	39 U		48 U
AROCLOR-1248	36 U	36 U	37 U	39 U		48 U

00029

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB2-1416	20TB3-0204	20TB3-1012	20TB4-0002	20TB4-0406	20TB4-1416
DEPTH (feet):	14 - 16'	2 - 4'	10 - 12'	0 - 2'	4 - 6'	14 - 16'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/31/93	03/29/93	03/29/93	03/31/93	03/31/93	03/31/93
LOCATION:	20TB2	20TB3	20TB3	20TB4	20TB4	20TB4
VALIDATED:		VALIDATED		VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	36 U	36 U	37 U	39 U		48 U
AROCLOR-1260	36 U	36 U	37 U	39 U		48 U
BETA-BHC	1.9 U	1.8 U	1.9 U	2 U		2.5 U
DELTA-BHC	1.9 U	1.8 U	1.9 U	2 U		2.5 U
DIELDRIN	3.6 U	3.6 U	3.7 U	3.9 U		4.8 U
ENDOSULFAN I	1.9 U	1.8 U	1.9 U	2 U		2.5 U
ENDOSULFAN II	3.6 U	3.6 U	3.7 U	3.9 U		4.8 U
ENDOSULFAN SULFATE	3.6 U	3.6 U	3.7 U	3.9 U		4.8 U
ENDRIN	3.6 U	3.6 U	3.7 U	3.9 U		4.8 U
ENDRIN ALDEHYDE	3.6 U	3.6 U	3.7 U	3.9 U		4.8 U
ENDRIN KETONE	3.6 U	3.6 U	3.7 U	3.9 U		4.8 U
GAMMA-BHC (LINDANE)	1.9 U	1.8 U	1.9 U	2 U		2.5 U
GAMMA-CHLORDANE	1.9 U	1.8 U	1.9 U	2 U		2.5 U
HEPTACHLOR	1.9 U	1.8 U	1.9 U	2 U		2.5 U
HEPTACHLOR EPOXIDE	1.9 U	1.8 U	1.9 U	2 U		2.5 U
METHOXYCHLOR	19 U	18 U	19 U	20 U		25 U
TOXAPHENE	190 U	180 U	190 U	200 U		250 U
DIOXINS/FURANS (ng/kg)						
DIOXIN					0 U	
METALS (mg/kg)						
ALUMINUM	3430	5390	3590	4510		3460
ANTIMONY	2.4 B	2.2 U	2.5 U	7.8 B		1820

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB2-1416	20TB3-0204	20TB3-1012	20TB4-0002	20TB4-0406	20TB4-1416
DEPTH (feet):	14 - 16'	2 - 4'	10 - 12'	0 - 2'	4 - 6'	14 - 16'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/31/93	03/29/93	03/29/93	03/31/93	03/31/93	03/31/93
LOCATION:	20TB2	20TB3	20TB3	20TB4	20TB4	20TB4
VALIDATED:		VALIDATED		VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ARSENIC	0.73 B	0.75 B	0.52 B	1.4 B		50
BARIUM	17.7 B	31.9 B	29 B	364		550
BERYLLIUM	0.14 B	0.26 B	0.19 B	0.22 B		0.34 B
BORON	1.7 U	1.5 U	1.8 U	2.9 B		25.1 B
CADMIUM	0.34 U	0.32 U	0.37 U	0.39 U		4
CALCIUM	619 B	906	675 B	5480		35000
CHROMIUM	5.7	7.1	4.5	6.6		44.4
COBALT	2.6 B	4.3 B	2.2 B	3.5 B		12.3 B
COPPER	5.4	11.2	4.2 B	59.4		9010
CYANIDE	0.2 U	0.18 U	0.16 U	0.2 U		0.46 B
IRON	4730	7630	5460	6140		186000
LEAD	20.7 S	66.1	16.6	726		9770
MAGNESIUM	1260	2260	1210	2060		7610
MANGANESE	54	129	72	162		956
MERCURY	0.03 U	0.03 B	0.02 U	0.06 U		1.3
NICKEL	4.5 B	6.4 B	5 B	5.4 B		149
POTASSIUM	961	1390	1060	1240		596 B
SELENIUM	0.15 U	0.15 UW	0.2 UW	0.18 U		0.26 UW
SILVER	0.53 U	0.51 U	0.59 U	0.63 U		4.1
SODIUM	201 B	90.9 B	66.8 B	162 B		427 B
THALLIUM	0.09 UW	0.09 UW	0.12 UW	0.11 U		1.6 U
VANADIUM	8.2 B	13.2	8.3 B	11.9		38.7

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB2-1416	20TB3-0204	20TB3-1012	20TB4-0002	20TB4-0406	20TB4-1416
DEPTH (feet):	14 - 16'	2 - 4'	10 - 12'	0 - 2'	4 - 6'	14 - 16'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/31/93	03/29/93	03/29/93	03/31/93	03/31/93	03/31/93
LOCATION:	20TB2	20TB3	20TB3	20TB4	20TB4	20TB4
VALIDATED:		VALIDATED		VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ZINC	11	28.8	14.2	188		3440
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	66 U		65 U			1500

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB5-0002	20TB5-0406	20TB6-0002	20TB6-0810	20TB7-3242	20TB7-4852
DEPTH (feet):	0 - 2'	4 - 6'	0 - 2'	8 - 10'	2.7 - 3.5'	4 - 4.3'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/29/93	03/29/93	03/25/93	03/31/93	04/06/93	04/06/93
LOCATION:	20TB5	20TB5	20TB6	20TB6	20TB7	20TB7
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	10 U	11 U	10 U	13 U	10 U	11 U
1,1,2,2-TETRACHLOROETHANE	10 U	11 U	10 U	13 U	10 U	11 U
1,1,2-TRICHLOROETHANE	10 U	11 U	10 U	13 U	10 U	11 U
1,1-DICHLOROETHANE	10 U	11 U	10 U	13 U	10 U	11 U
1,1-DICHLOROETHENE	10 U	11 U	10 U	13 U	10 U	11 U
1,2-DICHLOROETHANE	10 U	11 U	10 U	13 U	10 U	11 U
1,2-DICHLOROETHENE (TOTAL)	10 U	11 U	10 U	13 U	10 U	11 U
1,2-DICHLOROPROPANE	10 U	11 U	10 U	13 U	10 U	11 U
2-BUTANONE	10 U	11 U	10 U	20	10 U	11 U
2-HEXANONE	10 U	11 U	10 U	13 U	10 U	11 U
4-METHYL-2-PENTANONE	10 U	11 U	10 U	13 U	10 U	11 U
ACETONE	23	25	11	97 B	51	11 U
BENZENE	10 U	11 U	10 U	13 U	10 U	11 U
BROMODICHLOROMETHANE	10 U	11 U	10 U	13 U	10 U	11 U
BROMOFORM	10 U	11 U	10 U	13 U	10 U	11 U
BROMOMETHANE	10 U	11 U	10 U	13 U	10 U	11 U
CARBON DISULFIDE	10 U	11 U	10 U	6 J	10 U	11 U
CARBON TETRACHLORIDE	10 U	11 U	10 U	13 U	10 U	11 U
CHLOROBENZENE	10 U	11 U	10 U	13 U	10 U	11 U
CHLOROETHANE	10 U	11 U	10 U	13 U	10 U	11 U
CHLOROFORM	10 U	11 U	10 U	13 U	10 U	11 U
CHLOROMETHANE	10 U	11 U	10 U	13 U	10 U	11 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB5-0002	20TB5-0406	20TB6-0002	20TB6-0810	20TB7-3242	20TB7-4852
DEPTH (feet):	0 - 2'	4 - 6'	0 - 2'	8 - 10'	2.7 - 3.5'	4 - 4.3'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/29/93	03/29/93	03/25/93	03/31/93	04/06/93	04/06/93
LOCATION:	20TB5	20TB5	20TB6	20TB6	20TB7	20TB7
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	10 U	11 U	10 U	13 U	10 U	11 U
DIBROMOCHLOROMETHANE	10 U	11 U	10 U	13 U	10 U	11 U
ETHYLBENZENE	10 U	11 U	10 U	13 U	10 U	11 U
METHYLENE CHLORIDE	5 JB	5 JB	6 JB	11 JB	10 JB	9 JB
STYRENE	10 U	11 U	10 U	13 U	10 U	11 U
TETRACHLOROETHENE	10 U	11 U	10 U	13 U	10 U	11 U
TOLUENE	10 U	11 U	10 U	13 U	10 U	11 U
TRANS-1,3-DICHLOROPROPENE	10 U	11 U	10 U	13 U	10 U	11 U
TRICHLOROETHENE	10 U	11 U	10 U	13 U	10 U	11 U
VINYL CHLORIDE	10 U	11 U	10 U	13 U	10 U	11 U
XYLENES, TOTAL	10 U	11 U	10 U	13 U	10 U	11 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	340 U	360 U	340 U	430 U	340 U	
1,2-DICHLOROBENZENE	340 U	360 U	340 U	430 U	340 U	
1,3-DICHLOROBENZENE	340 U	360 U	340 U	430 U	340 U	
1,4-DICHLOROBENZENE	340 U	360 U	340 U	430 U	340 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	340 U	360 U	340 U	430 U	340 U	
2,4,5-TRICHLOROPHENOL	820 U	860 U	830 U	1000 U	840 U	
2,4,6-TRICHLOROPHENOL	340 U	360 U	340 U	430 U	340 U	
2,4-DICHLOROPHENOL	340 U	360 U	340 U	430 U	340 U	
2,4-DIMETHYLPHENOL	340 U	360 U	340 U	430 U	340 U	
2,4-DINITROPHENOL	820 U	860 U	830 U	1000 U	840 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB5-0002	20TB5-0406	20TB6-0002	20TB6-0810	20TB7-3242	20TB7-4852
DEPTH (feet):	0 - 2'	4 - 6'	0 - 2'	8 - 10'	2.7 - 3.5'	4 - 4.3'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/29/93	03/29/93	03/25/93	03/31/93	04/06/93	04/06/93
LOCATION:	20TB5	20TB5	20TB6	20TB6	20TB7	20TB7
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	340 U	360 U	340 U	430 U	340 U	
2,6-DINITROTOLUENE	340 U	360 U	340 U	430 U	340 U	
2-CHLORONAPHTHALENE	340 U	360 U	340 U	430 U	340 U	
2-CHLOROPHENOL	340 U	360 U	340 U	430 U	340 U	
2-METHYLNAPHTHALENE	340 U	360 U	340 U	430 U	340 U	
2-METHYLPHENOL	340 U	360 U	340 U	430 U	340 U	
2-NITROANILINE	820 U	860 U	830 U	1000 U	840 U	
2-NITROPHENOL	340 U	360 U	340 U	430 U	340 U	
3,3'-DICHLOROBENZIDINE	340 U	360 U	340 U	430 U	340 U	
3-NITROANILINE	820 U	860 U	830 U	1000 U	840 U	
4,6-DINITRO-2-METHYLPHENOL	820 U	860 U	830 U	1000 U	840 U	
4-BROMOPHENYL PHENYL ETHER	340 U	360 U	340 U	430 U	340 U	
4-CHLORO-3-METHYLPHENOL	340 U	360 U	340 U	430 U	340 U	
4-CHLOROANILINE	340 U	360 U	340 U	430 U	340 U	
4-CHLOROPHENYL PHENYL ETHER	340 U	360 U	340 U	430 U	340 U	
4-METHYLPHENOL	340 U	360 U	340 U	430 U	340 U	
4-NITROANILINE	820 U	860 U	830 U	1000 U	840 U	
4-NITROPHENOL	820 U	860 U	830 U	1000 U	840 U	
ACENAPHTHENE	340 U	360 U	340 U	610	340 U	
ACENAPHTHYLENE	340 U	360 U	340 U	430 U	340 U	
ANTHRACENE	260 J	360 U	340 U	230 J	340 U	
BENZO(A)ANTHRACENE	610	310 J	300 J	340 J	340 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB5-0002	20TB5-0406	20TB6-0002	20TB6-0810	20TB7-3242	20TB7-4852
DEPTH (feet):	0 - 2'	4 - 6'	0 - 2'	8 - 10'	2.7 - 3.5'	4 - 4.3'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/29/93	03/29/93	03/25/93	03/31/93	04/06/93	04/06/93
LOCATION:	20TB5	20TB5	20TB6	20TB6	20TB7	20TB7
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	720	260 J	280 J	430 U	340 U	
BENZO(B)FLUORANTHENE	720	320 J	350	430 U	240 J	
BENZO(G,H,I)PERYLENE	320 J	360 U	340 U	430 U	340 U	
BENZO(K)FLUORANTHENE	770	220 J	340 U	430 U	340 U	
BIS(2-CHLOROETHOXY)METHANE	340 U	360 U	340 U	430 U	340 U	
BIS(2-CHLOROETHYL)ETHER	340 U	360 U	340 U	430 U	340 U	
BIS(2-ETHYLHEXYL)PHTHALATE	340 U	360 U	340 U	430 U	340 U	
BUTYLBENZYL PHTHALATE	340 U	360 U	340 U	430 U	340 U	
CARBAZOLE	340 U	360 U	340 U	430 U	340 U	
CHRYSENE	630	350 J	290 J	330 J	340 U	
DI-N-BUTYL PHTHALATE	340 U	360 U	340 U	430 U	320 J	
DI-N-OCTYL PHTHALATE	340 U	360 U	340 U	430 U	340 U	
DIBENZO(A,H)ANTHRACENE	340 U	360 U	340 U	430 U	340 U	
DIBENZOFURAN	340 U	360 U	340 U	430 U	340 U	
DIETHYL PHTHALATE	340 U	360 U	340 U	430 U	340 U	
DIMETHYL PHTHALATE	340 U	360 U	340 U	430 U	340 U	
FLUORANTHENE	1100	540	480	590	220 J	
FLUORENE	340 U	360 U	340 U	390 J	340 U	
HEXACHLOROBENZENE	340 U	360 U	340 U	430 U	340 U	
HEXACHLOROBUTADIENE	340 U	360 U	340 U	430 U	340 U	
HEXACHLOROCYCLOPENTADIENE	340 U	360 U	340 U	430 U	340 U	
HEXACHLOROETHANE	340 U	360 U	340 U	430 U	340 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB5-0002	20TB5-0406	20TB6-0002	20TB6-0810	20TB7-3242	20TB7-4852
DEPTH (feet):	0 - 2'	4 - 6'	0 - 2'	8 - 10'	2.7 - 3.5'	4 - 4.3'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/29/93	03/29/93	03/25/93	03/31/93	04/06/93	04/06/93
LOCATION:	20TB5	20TB5	20TB6	20TB6	20TB7	20TB7
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	330 J	360 U	340 U	430 U	340 U	
ISOPHORONE	340 U	360 U	340 U	430 U	340 U	
N-NITROSO-DI-N-PROPYLAMINE	340 U	360 U	340 U	430 U	340 U	
N-NITROSODIPHENYLAMINE	340 U	360 U	340 U	430 U	340 U	
NAPHTHALENE	340 U	360 U	340 U	430 U	340 U	
NITROBENZENE	340 U	360 U	340 U	430 U	340 U	
PENTACHLOROPHENOL	820 U	860 U	830 U	1000 U	840 U	
PHENANTHRENE	790	340 J	340 U	760	340 U	
PHENOL	340 U	360 U	340 U	430 U	340 U	
PYRENE	1200	590	490	720	180 J	
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	3.4 U	3.6 U	3.5 P	4.4 P	35 P	
4,4'-DDE	3.4 U	3.6 U	3.5 U	4.4 U	35 U	
4,4'-DDT	14 U	3.6 U	17	4.4	43	
ALDRIN	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
ALPHA-BHC	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
ALPHA-CHLORDANE	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
AROCLOR-1016	34 U	36 U	35 U	44 U	350 U	
AROCLOR-1221	69 U	73 U	71 U	89 U	700 U	
AROCLOR-1232	34 U	36 U	35 U	44 U	350 U	
AROCLOR-1242	34 U	36 U	35 U	44 U	350 U	
AROCLOR-1248	34 U	36 U	35 U	44 U	350 U	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB5-0002	20TB5-0406	20TB6-0002	20TB6-0810	20TB7-3242	20TB7-4852
DEPTH (feet):	0 - 2'	4 - 6'	0 - 2'	8 - 10'	2.7 - 3.5'	4 - 4.3'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/29/93	03/29/93	03/25/93	03/31/93	04/06/93	04/06/93
LOCATION:	20TB5	20TB5	20TB6	20TB6	20TB7	20TB7
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	34 U	36 U	35 U	44 U	350 U	
AROCLOR-1260	34 U	36 U	35 U	44 U	350 U	
BETA-BHC	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
DELTA-BHC	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
DIELDRIN	3.4 U	3.6 U	3.5 U	4.4 U	35 U	
ENDOSULFAN I	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
ENDOSULFAN II	3.4 U	3.6 U	3.5 U	4.4 U	35 U	
ENDOSULFAN SULFATE	3.4 U	3.6 U	3.5 U	4.4 U	35 U	
ENDRIN	3.4 U	3.6 U	3.5 U	4.4 U	35 U	
ENDRIN ALDEHYDE	3.4 U	3.6 U	3.5 U	4.4 U	35 U	
ENDRIN KETONE	3.4 U	3.6 U	3.5 U	4.4 U	35 U	
GAMMA-BHC (LINDANE)	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
GAMMA-CHLORDANE	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
HEPTACHLOR	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
HEPTACHLOR EPOXIDE	1.7 U	1.9 U	1.8 U	2.3 U	18 U	
METHOXYCHLOR	17 U	19 U	18 U	23 U	180 U	
TOXAPHENE	170 U	190 U	180 U	230 U	1800 U	
DIOXINS/FURANS (ng/kg)						
DIOXIN	0 U			0 U		
METALS (mg/kg)						
ALUMINUM	5040 J	7730 J	4200	4750	8670	
ANTIMONY	3.8 U	2.6 UJ	2.7 UN	3.6 UN	1.9 UN	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB5-0002	20TB5-0406	20TB6-0002	20TB6-0810	20TB7-3242	20TB7-4852
DEPTH (feet):	0 - 2'	4 - 6'	0 - 2'	8 - 10'	2.7 - 3.5'	4 - 4.3'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/29/93	03/29/93	03/25/93	03/31/93	04/06/93	04/06/93
LOCATION:	20TB5	20TB5	20TB6	20TB6	20TB7	20TB7
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ARSENIC	1.4 J	3 J	1.8 S	2.2	0.91 BN	
BARIUM	45.3 J	38 J	38.4	29.7 B	97.3	
BERYLLIUM	0.26 U	0.35 J	0.15 B	0.19 B	0.51 B	
BORON	2.6 U	2 U	3.1 U	4.3 U	1.4 U	
CADMIUM	0.32 UJ	0.39 UJ	0.46 U	0.63 U	0.28 UN	
CALCIUM	2220 J	1140 J	1520	1190 B	3640	
CHROMIUM	11.1 J	10.4 J	7.8	9.9	21.4	
COBALT	3.8 J	4 J	2.7 B	3.1 B	9.1	
COPPER	37.8 J	21.7 J	71.9	16.1	27.6	
CYANIDE	0.18 UJ	0.19 UJ	0.15 U	0.2 U	0.19 U	
IRON	8060 J	8480 J	5530	6610	18900	
LEAD	220 J	31.8 J	476	24.4	47.7	
MAGNESIUM	2080 J	1660 J	1550	1400	5650	
MANGANESE	113 J	114 J	108	58.3	317	
MERCURY	0.11 J	0.25 J	0.1	0.05 U	0.03 U	
NICKEL	9.7 J	7.6 J	17.7	3.8 B	11.2	
POTASSIUM	1520 J	839 J	928	843 B	5240	
SELENIUM	0.2 UJ	0.21 U	0.15 U	0.22 BW	0.15 UN	
SILVER	0.52 UJ	0.62 UJ	0.46 U	0.63 U	0.45 UN	
SODIUM	95.1 J	99.9 J	56.3 B	82.3 B	92.4 BE	
THALLIUM	0.12 UJ	0.11 UJ	0.09 UW	0.13 UW	0.16 BNW	
VANADIUM	16.5 J	16 J	16.8	9.9 B	44.1	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB5-0002	20TB5-0406	20TB6-0002	20TB6-0810	20TB7-3242	20TB7-4852
DEPTH (feet):	0 - 2'	4 - 6'	0 - 2'	8 - 10'	2.7 - 3.5'	4 - 4.3'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/29/93	03/29/93	03/25/93	03/31/93	04/06/93	04/06/93
LOCATION:	20TB5	20TB5	20TB6	20TB6	20TB7	20TB7
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ZINC	101 J	53.7 J	114	50.4	92	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		170		220		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB17-4852	20TB7-4856	20TB17-4856	LS7SB0030201	LS7SB0030301	LS7SB0040201
DEPTH (feet):	4 - 4.3'	4 - 4.7'	4 - 4.7'	2 - 4'	5 - 6'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	04/06/93	04/06/93	04/06/93	09/27/97	09/27/97	09/27/97
LOCATION:	20TB7	20TB7	20TB7	MW1-7RI	MW1-7RI	MW2-7RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	20TB7-4852 (93)		20TB7-4856 (93)			
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	11 U					
1,1,2,2-TETRACHLOROETHANE	11 U					
1,1,2-TRICHLOROETHANE	11 U					
1,1-DICHLOROETHANE	11 U					
1,1-DICHLOROETHENE	11 U					
1,2-DICHLOROETHANE	11 U					
1,2-DICHLOROETHENE (TOTAL)	11 U					
1,2-DICHLOROPROPANE	11 U					
2-BUTANONE	11 U					
2-HEXANONE	11 U					
4-METHYL-2-PENTANONE	11 U					
ACETONE	58					
BENZENE	11 U					
BROMODICHLOROMETHANE	11 U					
BROMOFORM	11 U					
BROMOMETHANE	11 U					
CARBON DISULFIDE	11 U					
CARBON TETRACHLORIDE	11 U					
CHLOROBENZENE	11 U					
CHLOROETHANE	11 U					
CHLOROFORM	11 U					
CHLOROMETHANE	11 U					

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB17-4852	20TB7-4856	20TB17-4856	LS7SB0030201	LS7SB0030301	LS7SB0040201
DEPTH (feet):	4 - 4.3'	4 - 4.7'	4 - 4.7'	2 - 4'	5 - 6'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	04/06/93	04/06/93	04/06/93	09/27/97	09/27/97	09/27/97
LOCATION:	20TB7	20TB7	20TB7	MW1-7RI	MW1-7RI	MW2-7RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	20TB7-4852 (93)		20TB7-4856 (93)			
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	11 U					
DIBROMOCHLOROMETHANE	11 U					
ETHYLBENZENE	11 U					
METHYLENE CHLORIDE	12 B					
STYRENE	11 U					
TETRACHLOROETHENE	11 U					
TOLUENE	3 J					
TRANS-1,3-DICHLOROPROPENE	11 U					
TRICHLOROETHENE	11 U					
VINYL CHLORIDE	11 U					
XYLENES, TOTAL	11 U					
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE		340 U	710 U	360 U	360 U	360 U
1,2-DICHLOROBENZENE		340 U	710 U	360 U	360 U	360 U
1,3-DICHLOROBENZENE		340 U	710 U	360 U	360 U	360 U
1,4-DICHLOROBENZENE		340 U	710 U	360 U	360 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)		340 U	710 U	360 U	360 U	360 U
2,4,5-TRICHLOROPHENOL		830 U	1700 U	910 U	910 U	910 U
2,4,6-TRICHLOROPHENOL		340 U	710 U	360 U	360 U	360 U
2,4-DICHLOROPHENOL		340 U	710 U	360 U	360 U	360 U
2,4-DIMETHYLPHENOL		340 U	710 U	360 U	360 U	360 U
2,4-DINITROPHENOL		830 U	1700 U	910 U	910 U	910 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB17-4852	20TB7-4856	20TB17-4856	LS7SB0030201	LS7SB0030301	LS7SB0040201
DEPTH (feet):	4 - 4.3'	4 - 4.7'	4 - 4.7'	2 - 4'	5 - 6'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	04/06/93	04/06/93	04/06/93	09/27/97	09/27/97	09/27/97
LOCATION:	20TB7	20TB7	20TB7	MW1-7RI	MW1-7RI	MW2-7RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	20TB7-4852 (93)		20TB7-4856 (93)			
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE		340 U	710 U	360 U	360 U	360 U
2,6-DINITROTOLUENE		340 U	710 U	360 U	360 U	360 U
2-CHLORONAPHTHALENE		340 U	710 U	360 U	360 U	360 U
2-CHLOROPHENOL		340 U	710 U	360 U	360 U	360 U
2-METHYLNAPHTHALENE		340 U	710 U	360 UJ	360 UJ	22
2-METHYLPHENOL		340 U	710 U	360 U	360 U	360 U
2-NITROANILINE		830 U	1700 U	910 U	910 U	910 U
2-NITROPHENOL		340 U	710 U	360 U	360 U	360 U
3,3'-DICHLOROBENZIDINE		340 U	710 U	360 UJ	360 UJ	360 UJ
3-NITROANILINE		830 U	1700 U	910 U	910 U	910 U
4,6-DINITRO-2-METHYLPHENOL		830 U	1700 U	910 U	910 U	910 U
4-BROMOPHENYL PHENYL ETHER		340 U	710 U	360 U	360 U	360 U
4-CHLORO-3-METHYLPHENOL		340 U	710 U	34 J	360 U	360 U
4-CHLOROANILINE		340 U	710 U	360 U	360 U	360 U
4-CHLOROPHENYL PHENYL ETHER		340 U	710 U	360 U	360 U	360 U
4-METHYLPHENOL		340 U	710 U	360 U	360 U	360 U
4-NITROANILINE		830 U	1700 U	910 U	910 U	910 U
4-NITROPHENOL		830 U	1700 U	910 U	910 U	910 U
ACENAPHTHENE		850	1400	360 U	360 U	36 J
ACENAPHTHYLENE		340 U	710 U	360 U	360 U	86 J
ANTHRACENE		810	660 J	360 U	360 U	160 J
BENZO(A)ANTHRACENE		570	560 J	360 U	360 U	900

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB17-4852	20TB7-4856	20TB17-4856	LS7SB0030201	LS7SB0030301	LS7SB0040201
DEPTH (feet):	4 - 4.3'	4 - 4.7'	4 - 4.7'	2 - 4'	5 - 6'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	04/06/93	04/06/93	04/06/93	09/27/97	09/27/97	09/27/97
LOCATION:	20TB7	20TB7	20TB7	MW1-7RI	MW1-7RI	MW2-7RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	20TB7-4852 (93)		20TB7-4856 (93)			
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE		370	710 U	360 UJ	360 U	800
BENZO(B)FLUORANTHENE		720	490 J	360 UJ	360 U	900
BENZO(G,H,I)PERYLENE		340 U	710 U	360 UJ	360 U	560
BENZO(K)FLUORANTHENE		340 U	710 U	360 UJ	360 U	760
BIS(2-CHLOROETHOXY)METHANE		340 U	710 U	360 U	360 U	360 U
BIS(2-CHLOROETHYL)ETHER		340 U	710 U	360 U	360 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE		340 U	710 U	360 U	360 U	360 U
BUTYLBENZYL PHTHALATE		340 U	710 U	360 U	360 U	360 U
CARBAZOLE		180 J	710 U	360 U	360 U	39 J
CHRYSENE		640	510 J	360 U	360 U	840
DI-N-BUTYL PHTHALATE		340 U	710 U	360 U	360 U	360 U
DI-N-OCTYL PHTHALATE		340 U	710 U	360 UJ	360 U	360 U
DIBENZO(A,H)ANTHRACENE		340 U	710 U	360 UJ	360 U	230 J
DIBENZOFURAN		490	770	360 U	360 U	37 J
DIETHYL PHTHALATE		340 U	710 U	360 U	360 U	360 U
DIMETHYL PHTHALATE		340 U	710 U	360 U	360 U	360 U
FLUORANTHENE		2500	2900	360 U	360 U	1700
FLUORENE		940	1600	360 U	360 U	76 J
HEXACHLOROBENZENE		340 U	710 U	360 U	360 U	360 U
HEXACHLOROBUTADIENE		340 U	710 U	360 U	360 U	360 U
HEXACHLOROCYCLOPENTADIENE		340 U	710 U	360 U	360 U	360 U
HEXACHLOROETHANE		340 U	710 U	360 U	360 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB17-4852	20TB7-4856	20TB17-4856	LS7SB0030201	LS7SB0030301	LS7SB0040201
DEPTH (feet):	4 - 4.3'	4 - 4.7'	4 - 4.7'	2 - 4'	5 - 6'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	04/06/93	04/06/93	04/06/93	09/27/97	09/27/97	09/27/97
LOCATION:	20TB7	20TB7	20TB7	MW1-7RI	MW1-7RI	MW2-7RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	20TB7-4852 (93)		20TB7-4856 (93)			
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE		340 U	710 U	360 UJ	360 U	560
ISOPHORONE		340 U	710 U	360 U	360 U	360 U
N-NITROSO-DI-N-PROPYLAMINE		340 U	710 U	360 U	360 U	360 U
N-NITROSODIPHENYLAMINE		340 U	710 U	360 U	360 U	360 U
NAPHTHALENE		340 U	710 U	360 U	360 U	360 U
NITROBENZENE		340 U	710 U	360 U	360 U	360 U
PENTACHLOROPHENOL		830 U	1700 U	910 U	910 U	910 U
PHENANTHRENE		2800	3600	360 U	360 U	690
PHENOL		340 U	710 U	360 U	360 U	360 U
PYRENE		1500	1900	360 U	360 U	1500
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD		35 U	36 U			
4,4'-DDE		35 U	36 U			
4,4'-DDT		61	71 P			
ALDRIN		18 U	19 U			
ALPHA-BHC		18 U	19 U			
ALPHA-CHLORDANE		18 U	19 U			
AROCLOR-1016		350 U	360 U			
AROCLOR-1221		710 U	740 U			
AROCLOR-1232		350 U	360 U			
AROCLOR-1242		350 U	360 U			
AROCLOR-1248		350 U	360 U			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB17-4852	20TB7-4856	20TB17-4856	LS7SB0030201	LS7SB0030301	LS7SB0040201
DEPTH (feet):	4 - 4.3'	4 - 4.7'	4 - 4.7'	2 - 4'	5 - 6'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	04/06/93	04/06/93	04/06/93	09/27/97	09/27/97	09/27/97
LOCATION:	20TB7	20TB7	20TB7	MW1-7RI	MW1-7RI	MW2-7RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	20TB7-4852 (93)		20TB7-4856 (93)			
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254		350 U	360 U			
AROCLOR-1260		350 U	360 U			
BETA-BHC		18 U	19 U			
DELTA-BHC		18 U	19 U			
DIELDRIN		35 U	36 U			
ENDOSULFAN I		18 U	19 U			
ENDOSULFAN II		35 U	36 U			
ENDOSULFAN SULFATE		35 U	36 U			
ENDRIN		35 U	36 U			
ENDRIN ALDEHYDE		35 U	36 U			
ENDRIN KETONE		35 U	36 U			
GAMMA-BHC (LINDANE)		18 U	19 U			
GAMMA-CHLORDANE		18 U	19 U			
HEPTACHLOR		18 U	19 U			
HEPTACHLOR EPOXIDE		18 U	19 U			
METHOXYCHLOR		180 U	190 U			
TOXAPHENE		1800 U	1900 U			
METALS (mg/kg)						
ALUMINUM		6670	8120			
ANTIMONY		1.9 UN	3.4 BN			
ARSENIC		1 BN	0.81 BN			
BARIUM		72.2	95.3			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB17-4852	20TB7-4856	20TB17-4856	LS7SB0030201	LS7SB0030301	LS7SB0040201
DEPTH (feet):	4 - 4.3'	4 - 4.7'	4 - 4.7'	2 - 4'	5 - 6'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	04/06/93	04/06/93	04/06/93	09/27/97	09/27/97	09/27/97
LOCATION:	20TB7	20TB7	20TB7	MW1-7RI	MW1-7RI	MW2-7RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	20TB7-4852 (93)		20TB7-4856 (93)			
METALS (mg/kg)						
BERYLLIUM		0.43 B	0.46 B			
BORON		1.4 U	1.4 B			
CADMIUM		0.42 BN	0.47 BN			
CALCIUM		2610	3720			
CHROMIUM		16.1	16.7			
COBALT		6.9 B	7.5 B			
COPPER		27.8	25			
CYANIDE		0.16 U	0.16 U			
IRON		13900	13100			
LEAD		59.4	129			
MAGNESIUM		3790	4280			
MANGANESE		208	195			
MERCURY		0.03 U	0.05			
NICKEL		10.6	11.2			
POTASSIUM		3580	3980			
SELENIUM		0.16 UN	0.17 UN			
SILVER		0.46 UN	0.45 UN			
SODIUM		100 BE	154 BE			
THALLIUM		0.16 UNW	0.14 BNW			
VANADIUM		27.4	28			
ZINC		84.1	104			

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB17-4852	20TB7-4856	20TB17-4856	LS7SB0030201	LS7SB0030301	LS7SB0040201
DEPTH (feet):	4 - 4.3'	4 - 4.7'	4 - 4.7'	2 - 4'	5 - 6'	2 - 4'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	1997RI	1997RI	1997RI
SAMPLE DATE:	04/06/93	04/06/93	04/06/93	09/27/97	09/27/97	09/27/97
LOCATION:	20TB7	20TB7	20TB7	MW1-7RI	MW1-7RI	MW2-7RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	20TB7-4852 (93)		20TB7-4856 (93)			
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		86	190	560 J		680 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0040301	LS7SB0060201	SBFD009	LS7SB0060301	LS7SB0070101	SBFD005
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	0.5 - 2'	0.5 - 2'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/27/97	09/27/97	09/27/97	09/27/97	09/25/97	09/25/97
LOCATION:	MW2-7RI	MW3-7RI	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0060201			LS7SB0070101
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U	360 U	360 U	400 U	330 U	330 U
1,2-DICHLOROBENZENE	360 U	360 U	360 U	400 U	330 U	330 U
1,3-DICHLOROBENZENE	360 U	360 U	360 U	400 U	330 U	330 U
1,4-DICHLOROBENZENE	360 U	360 U	360 U	400 U	330 U	330 U
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U	360 U	360 U	400 U	330 U	330 U
2,4,5-TRICHLOROPHENOL	910 U	910 U	910 U	1000 U	830 U	830 U
2,4,6-TRICHLOROPHENOL	360 U	360 U	360 U	400 U	330 U	330 U
2,4-DICHLOROPHENOL	360 U	360 U	360 U	400 U	330 U	330 U
2,4-DIMETHYLPHENOL	360 U	360 U	360 U	400 U	330 U	330 U
2,4-DINITROPHENOL	910 U	910 U	910 U	1000 U	830 U	830 U
2,4-DINITROTOLUENE	360 U	360 U	360 U	400 U	330 U	330 U
2,6-DINITROTOLUENE	360 U	360 U	360 U	400 U	330 U	330 U
2-CHLORONAPHTHALENE	360 U	360 U	360 U	400 U	330 U	330 U
2-CHLOROPHENOL	360 U	360 U	360 U	400 U	330 U	330 U
2-METHYLNAPHTHALENE	75 J	360 U	360 U	400 UJ	24 J	25 J
2-METHYLPHENOL	360 U	360 U	360 U	400 U	330 U	330 U
2-NITROANILINE	910 U	910 U	910 U	1000 U	830 U	830 U
2-NITROPHENOL	360 U	360 U	360 U	400 U	330 U	330 U
3,3'-DICHLOROBENZIDINE	360 UJ	360 U	360 U	400 UJ	330 U	330 UJ
3-NITROANILINE	910 U	910 U	910 U	1000 U	830 U	830 U
4,6-DINITRO-2-METHYLPHENOL	910 U	910 U	910 U	1000 U	830 U	830 U
4-BROMOPHENYL PHENYL ETHER	360 U	360 U	360 U	400 U	330 U	330 U

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SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0040301	LS7SB0060201	SBFD009	LS7SB0060301	LS7SB0070101	SBFD005
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	0.5 - 2'	0.5 - 2'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/27/97	09/27/97	09/27/97	09/27/97	09/25/97	09/25/97
LOCATION:	MW2-7RI	MW3-7RI	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0060201			LS7SB0070101
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	360 U	360 U	360 U	400 U	330 U	330 U
4-CHLOROANILINE	360 U	360 U	360 U	400 U	330 U	330 U
4-CHLOROPHENYL PHENYL ETHER	360 U	360 U	360 U	400 U	330 U	330 U
4-METHYLPHENOL	360 U	360 U	360 U	400 U	330 U	330 U
4-NITROANILINE	910 U	910 U	910 U	1000 U	830 UJ	830 UJ
4-NITROPHENOL	910 U	910 U	910 U	1000 U	830 UJ	830 UJ
ACENAPHTHENE	160 J	360 U	360 U	400 U	330 U	330 U
ACENAPHTHYLENE	160 J	360 U	360 U	400 U	34 J	43 J
ANTHRACENE	760	360 U	360 U	400 U	54 J	150 J
BENZO(A)ANTHRACENE	5700	360 U	360 U	27 J	390	470 J
BENZO(A)PYRENE	5000	360 U	360 UJ	28 J	320 J	450 J
BENZO(B)FLUORANTHENE	5500	360 U	360 UJ	24 J	400 J	560 J
BENZO(G,H,I)PERYLENE	2500	360 U	360 UJ	400 U	260 J	280 J
BENZO(K)FLUORANTHENE	360 U	360 U	360 UJ	23 J	240 J	320 J
BIS(2-CHLOROETHOXY)METHANE	360 U	360 U	360 U	400 U	330 U	330 U
BIS(2-CHLOROETHYL)ETHER	360 U	360 U	360 U	400 U	330 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE	360 U	360 U	360 U	400 U	330 U	360 U
BUTYLBENZYL PHTHALATE	360 U	360 U	360 U	400 U	330 U	330 UJ
CARBAZOLE	210 J	360 U	360 U	400 U	330 U	17 J
CHRYSENE	5500	360 U	360 U	36 J	410	540 J
DI-N-BUTYL PHTHALATE	360 U	360 U	360 U	400 U	330 U	30 J
DI-N-OCTYL PHTHALATE	360 U	360 U	360 UJ	400 U	330 UJ	330 UJ

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0040301	LS7SB0060201	SBFD009	LS7SB0060301	LS7SB0070101	SBFD005
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	0.5 - 2'	0.5 - 2'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/27/97	09/27/97	09/27/97	09/27/97	09/25/97	09/25/97
LOCATION:	MW2-7RI	MW3-7RI	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0060201			LS7SB0070101
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	1300	360 U	360 UJ	400 U	110 J	120 J
DIBENZOFURAN	220 J	360 U	360 U	400 U	330 U	330 U
DIETHYL PHTHALATE	360 U	360 U	360 U	400 U	330 U	330 U
DIMETHYL PHTHALATE	360 U	360 U	360 U	400 U	330 U	330 U
FLUORANTHENE	8100	360 U	360 U	36 J	430	430
FLUORENE	340 J	360 U	360 U	400 U	330 U	330 U
HEXACHLOROBENZENE	360 U	360 U	360 U	400 U	330 U	330 U
HEXACHLOROBUTADIENE	360 U	360 U	360 U	400 U	330 U	330 U
HEXACHLOROCYCLOPENTADIENE	360 U	360 U	360 U	400 U	330 U	330 U
HEXACHLOROETHANE	360 U	360 U	360 U	400 U	330 U	330 U
INDENO(1,2,3-CD)PYRENE	2600	360 U	360 UJ	400 U	230 J	260 J
ISOPHORONE	360 U	360 U	360 U	400 U	330 U	330 U
N-NITROSO-DI-N-PROPYLAMINE	360 U	360 U	360 U	400 U	330 U	330 U
N-NITROSODIPHENYLAMINE	360 U	360 U	360 U	400 U	330 U	330 U
NAPHTHALENE	86 J	360 U	360 U	400 U	330 U	330 U
NITROBENZENE	360 U	360 U	360 U	400 U	330 U	330 U
PENTACHLOROPHENOL	910 U	910 U	910 U	1000 U	830 U	830 U
PHENANTHRENE	3400	360 U	360 U	20 J	200 J	150 J
PHENOL	360 U	360 U	360 U	400 U	330 U	330 U
PYRENE	11000	360 U	360 U	52 J	830	880 J
METALS (mg/kg)						
ALUMINUM		3710	2810	2950		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0040301	LS7SB0060201	SBFD009	LS7SB0060301	LS7SB0070101	SBFD005
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	0.5 - 2'	0.5 - 2'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/27/97	09/27/97	09/27/97	09/27/97	09/25/97	09/25/97
LOCATION:	MW2-7RI	MW3-7RI	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0060201			LS7SB0070101
METALS (mg/kg)						
ANTIMONY		0.41 UJ	0.45 UJ	0.53 UJ		
ARSENIC		0.65 J	0.60 J	0.55 U		
BARIUM		30.9	23.7	25.2		
BERYLLIUM		0.12 U	0.12 U	0.12 U		
CADMIUM		0.04 U	0.04 U	0.05 U		
CALCIUM		460 J	512 J	460		
CHROMIUM		7.0	4.5	4.4		
COBALT		1 7	1.8	1.6		
COPPER		3.0	3.5	3.6		
IRON		6100	4880	5190		
LEAD		1.6	1.8	2.0		
MAGNESIUM		2180 J	1310 J	1430		
MANGANESE		116	105	113		
MERCURY		0.01 UJ	0.01 UJ	0.01 UJ		
NICKEL		3.0	3.0	2.7		
POTASSIUM		2370	1420	1490		
SELENIUM		0.31 U	0.34 U	0.40 U		
SILVER		0.18 U	0.20 U	0.23 U		
SODIUM		102	85.1	96.1		
THALLIUM		0.81 UJ	0.88 UJ	1.0 U		
VANADIUM		8.6	7.3	7.5		
ZINC		16.5	12.2	13.2		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0040301	LS7SB0060201	SBFD009	LS7SB0060301	LS7SB0070101	SBFD005
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	0.5 - 2'	0.5 - 2'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/27/97	09/27/97	09/27/97	09/27/97	09/25/97	09/25/97
LOCATION:	MW2-7RI	MW3-7RI	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0060201			LS7SB0070101
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		51.0 J	150 J		1500 J	1300 J

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0070301	LS7SB0100201	SBFD007	LS7SB0100301	LS7SB0010101	LS7SB0010201
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/26/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	MW4-7RI	MW5-7RI	MW5-7RI	MW5-7RI	TB1-7RI	TB1-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0100201			
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U	360 U	360 U	400 U	330 U	360 U
1,2-DICHLOROBENZENE	360 U	360 U	360 U	400 U	330 U	360 U
1,3-DICHLOROBENZENE	360 U	360 U	360 U	400 U	330 U	360 U
1,4-DICHLOROBENZENE	360 U	360 U	360 U	400 U	330 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U	360 U	360 U	400 U	330 U	360 U
2,4,5-TRICHLOROPHENOL	910 U	910 U	910 U	1000 U	830 U	910 U
2,4,6-TRICHLOROPHENOL	360 U	360 U	360 U	400 U	330 U	360 U
2,4-DICHLOROPHENOL	360 U	360 U	360 U	400 U	330 U	360 U
2,4-DIMETHYLPHENOL	360 U	360 U	360 U	400 U	330 U	360 U
2,4-DINITROPHENOL	910 U	910 U	910 U	1000 U	830 U	910 U
2,4-DINITROTOLUENE	360 U	360 U	360 U	400 U	330 U	360 U
2,6-DINITROTOLUENE	360 U	360 U	360 U	400 U	330 U	360 U
2-CHLORONAPHTHALENE	360 U	360 U	360 U	400 U	330 U	360 U
2-CHLOROPHENOL	360 U	360 U	360 U	400 U	330 U	360 U
2-METHYLNAPHTHALENE	360 UJ	42 J	51 J	98 J	28 J	120 J
2-METHYLPHENOL	360 U	360 U	360 U	400 U	330 U	360 U
2-NITROANILINE	910 U	910 U	910 U	1000 U	830 U	910 U
2-NITROPHENOL	360 U	360 U	360 U	400 U	330 U	360 U
3,3'-DICHLOROBENZIDINE	360 U	360 UJ	360 UJ	400 UJ	330 UJ	360 UJ
3-NITROANILINE	910 U	910 U	910 U	1000 U	830 U	910 U
4,6-DINITRO-2-METHYLPHENOL	910 U	910 U	910 U	1000 U	830 UJ	910 UJ
4-BROMOPHENYL PHENYL ETHER	360 U	360 U	360 U	400 U	330 UJ	360 UJ

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0070301	LS7SB0100201	SBFD007	LS7SB0100301	LS7SB0010101	LS7SB0010201
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/26/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	MW4-7RI	MW5-7RI	MW5-7RI	MW5-7RI	TB1-7RI	TB1-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0100201			
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	360 U	360 U	360 U	400 U	330 U	360 U
4-CHLOROANILINE	360 U	360 U	360 U	400 U	330 U	360 U
4-CHLOROPHENYL PHENYL ETHER	360 U	360 U	360 U	400 U	330 U	360 U
4-METHYLPHENOL	360 U	360 U	360 U	400 U	330 U	360 U
4-NITROANILINE	910 U	910 UJ	910 UJ	1000 UJ	830 U	910 U
4-NITROPHENOL	910 U	910 U	910 U	1000 U	830 U	910 U
ACENAPHTHENE	360 U	20 J	350 J	650	170 J	360
ACENAPHTHYLENE	360 U	42 J	24 J	20 J	330 U	45 J
ANTHRACENE	360 U	110 J	900	1500	770 J	1100 J
BENZO(A)ANTHRACENE	28 J	310 J	1400	3000	2400 J	2300 J
BENZO(A)PYRENE	31 J	370	1200	2300	1600	1600
BENZO(B)FLUORANTHENE	38 J	400	1300	2700	1800	1700
BENZO(G,H,I)PERYLENE	28 J	340 J	1100 J	1600 J	980	1000
BENZO(K)FLUORANTHENE	360 U	180 J	650 J	400 U	1100	1200 J
BIS(2-CHLOROETHOXY)METHANE	360 U	360 U	360 U	400 U	330 U	360 U
BIS(2-CHLOROETHYL)ETHER	360 U	360 U	360 U	400 U	330 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE	360 U	360 U	360 U	400 U	330 U	360 U
BUTYLBENZYL PHTHALATE	360 U	360 UJ	360 UJ	400 UJ	330 UJ	360 UJ
CARBAZOLE	360 U	34 J	360 J	880	130 J	340 J
CHRYSENE	36 J	370 J	1400	3100	2100 J	2000 J
DI-N-BUTYL PHTHALATE	360 U	360 U	360 U	400 U	330 UJ	360 UJ
DI-N-OCTYL PHTHALATE	360 U	360 UJ	360 UJ	400 UJ	330 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0070301	LS7SB0100201	SBFD007	LS7SB0100301	LS7SB0010101	LS7SB0010201
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/26/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	MW4-7RI	MW5-7RI	MW5-7RI	MW5-7RI	TB1-7RI	TB1-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0100201			
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	21 J	110 J	410	840	520	540
DIBENZOFURAN	360 U	19 J	160 J	300 J	120 J	340 J
DIETHYL PHTHALATE	360 U	360 U	360 U	400 U	330 U	360 U
DIMETHYL PHTHALATE	360 U	360 U	360 U	400 U	330 U	360 U
FLUORANTHENE	45 J	550	2800	8200	5600	4600
FLUORENE	360 U	33 J	300 J	620	310 J	660
HEXACHLOROBENZENE	360 U	360 U	360 U	400 U	330 UJ	360 UJ
HEXACHLOROBUTADIENE	360 U	360 U	360 U	400 U	330 U	360 U
HEXACHLOROCYCLOPENTADIENE	360 U	360 UJ	360 UJ	400 UJ	330 U	360 U
HEXACHLOROETHANE	360 U	360 U	360 U	400 U	330 U	360 U
INDENO(1,2,3-CD)PYRENE	31 J	220 J	820	1400	1300	1300
ISOPHORONE	360 U	360 U	360 U	400 U	330 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	360 U	360 U	360 U	400 U	330 U	360 U
N-NITROSODIPHENYLAMINE	360 U	360 U	360 U	400 U	330 UJ	360 UJ
NAPHTHALENE	360 U	36 J	56 J	110 J	63 J	270 J
NITROBENZENE	360 U	360 U	360 U	400 U	330 U	360 U
PENTACHLOROPHENOL	910 U	910 U	910 U	1000 U	830 UJ	910 UJ
PHENANTHRENE	360 U	440	3500	7600	2700 J	3900
PHENOL	360 U	360 U	360 U	400 U	330 U	360 U
PYRENE	48 J	520 J	2700 J	8300	6000	4400 J
METALS (mg/kg)						
ALUMINUM		7740	6910	6020		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0070301	LS7SB0100201	SBFD007	LS7SB0100301	LS7SB0010101	LS7SB0010201
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/26/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	MW4-7RI	MW5-7RI	MW5-7RI	MW5-7RI	TB1-7RI	TB1-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0100201			
METALS (mg/kg)						
ANTIMONY		2.5	3.0	160		
ARSENIC		5.5	6.0	19.0		
BARIUM		84.5	88.0	148		
BERYLLIUM		0.32	0.30	0.55		
CADMIUM		2.0	2.0	1.2		
CALCIUM		16700	16800	9590		
CHROMIUM		16.9	15.5	10.7		
COBALT		3.7	3.6	4.0		
COPPER		37.6	33.3	5810		
IRON		9400	8900	8510		
LEAD		1570	1750	13300		
MAGNESIUM		3730	3370	1360		
MANGANESE		123	131	109		
MERCURY		0.28 J	0.36 J	1.9 J		
NICKEL		12.8	12.6	20.9		
POTASSIUM		806	865	950		
SELENIUM		0.48 U	0.51 U	2.5 J		
SILVER		0.18 U	0.23 U	1.5		
SODIUM		159	152	278		
THALLIUM		0.83 U	1.0 U	1.1 U		
VANADIUM		21.6	19.9	246		
ZINC		961	859	1420		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0070301	LS7SB0100201	SBFD007	LS7SB0100301	LS7SB0010101	LS7SB0010201
DEPTH (feet):	5 - 6'	2 - 4'	2 - 4'	5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/26/97	09/26/97	09/26/97	09/26/97	09/26/97
LOCATION:	MW4-7RI	MW5-7RI	MW5-7RI	MW5-7RI	TB1-7RI	TB1-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS7SB0100201			
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		2600 J	1600 J		250 J	

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0110101	LS7SB0110201	LS7SB0020101	LS7SB0020201	LS7SB0050101	LS7SB0050201
DEPTH (feet):	2 - 4'	6 - 7'	2 - 4'	5.5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/26/97	09/26/97
LOCATION:	TB11-7RI	TB11-7RI	TB2-7RI	TB2-7RI	TB5-7RI	TB5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	360 U	360 U	330 U	360 U	330 U	360 U
1,2-DICHLOROBENZENE	360 U	360 U	330 U	360 U	330 U	360 U
1,3-DICHLOROBENZENE	360 U	360 U	330 U	360 U	330 U	360 U
1,4-DICHLOROBENZENE	360 U	360 U	330 U	360 U	330 U	360 U
2,2'-OXYBIS(1-CHLOROPROPANE)	360 U	360 U	330 U	360 U	330 U	360 U
2,4,5-TRICHLOROPHENOL	910 U	910 U	830 U	910 U	830 U	910 U
2,4,6-TRICHLOROPHENOL	360 U	360 U	330 U	360 U	330 U	360 U
2,4-DICHLOROPHENOL	360 U	360 U	330 U	360 U	330 U	360 U
2,4-DIMETHYLPHENOL	360 U	360 U	330 U	360 U	330 U	360 U
2,4-DINITROPHENOL	910 U	910 U	830 U	910 U	830 U	910 U
2,4-DINITROTOLUENE	360 U	360 U	330 U	360 U	330 U	360 U
2,6-DINITROTOLUENE	360 U	360 U	330 U	360 U	330 U	360 U
2-CHLORONAPHTHALENE	360 U	360 U	330 U	360 U	330 U	360 U
2-CHLOROPHENOL	360 U	360 U	330 U	360 U	330 U	360 U
2-METHYLNAPHTHALENE	300 J	110 J	330 UJ	50 J	330 U	360 U
2-METHYLPHENOL	360 U	360 U	330 U	360 U	330 U	360 U
2-NITROANILINE	910 U	910 U	830 U	910 U	830 U	910 U
2-NITROPHENOL	360 U	360 U	330 U	360 U	330 U	360 U
3,3'-DICHLOROBENZIDINE	360 UJ	360 UJ	330 U	360 U	330 U	360 U
3-NITROANILINE	910 U	910 U	830 U	910 U	830 U	910 U
4,6-DINITRO-2-METHYLPHENOL	910 U	910 U	830 U	910 U	830 U	910 U
4-BROMOPHENYL PHENYL ETHER	360 U	360 U	330 U	360 U	330 U	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0110101	LS7SB0110201	LS7SB0020101	LS7SB0020201	LS7SB0050101	LS7SB0050201
DEPTH (feet):	2 - 4'	6 - 7'	2 - 4'	5.5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/26/97	09/26/97
LOCATION:	TB11-7RI	TB11-7RI	TB2-7RI	TB2-7RI	TB5-7RI	TB5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	360 U	360 U	330 U	360 U	330 U	360 U
4-CHLOROANILINE	360 U	360 U	330 U	360 U	330 U	360 U
4-CHLOROPHENYL PHENYL ETHER	360 U	360 U	330 U	360 U	330 U	360 U
4-METHYLPHENOL	360 U	360 U	330 U	360 U	330 U	360 U
4-NITROANILINE	910 UJ	910 UJ	830 U	910 U	830 U	910 U
4-NITROPHENOL	910 U	910 U	830 U	910 U	830 U	910 U
ACENAPHTHENE	620	390	330 U	29 J	69 J	360 U
ACENAPHTHYLENE	600	130 J	160 J	450	330 U	360 U
ANTHRACENE	2500	1300	79 J	360	200 J	360 U
BENZO(A)ANTHRACENE	7100	2300	630	2400	680	37 J
BENZO(A)PYRENE	8700	2400	890	2600	490	76 J
BENZO(B)FLUORANTHENE	8700	2300	1400	4400	580	63 J
BENZO(G,H,I)PERYLENE	5400	2100 J	790	1800	440	92 J
BENZO(K)FLUORANTHENE	360 U	2200 J	330 U	360 U	430	67 J
BIS(2-CHLOROETHOXY)METHANE	360 U	360 U	330 U	360 U	330 U	360 U
BIS(2-CHLOROETHYL)ETHER	360 U	360 U	330 U	360 U	330 U	360 U
BIS(2-ETHYLHEXYL)PHTHALATE	360 U	360 U	330 U	360 U	330 U	360 U
BUTYLBENZYL PHTHALATE	360 UJ	360 UJ	330 U	360 U	330 U	360 U
CARBAZOLE	950	710	22 J	45 J	56 J	360 U
CHRYSENE	7700	2200	680	2500	700	59 J
DI-N-BUTYL PHTHALATE	360 U	360 U	18 J	360 U	330 U	360 U
DI-N-OCTYL PHTHALATE	360 UJ	360 UJ	330 U	360 U	330 UJ	360 U

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0110101	LS7SB0110201	LS7SB0020101	LS7SB0020201	LS7SB0050101	LS7SB0050201
DEPTH (feet):	2 - 4'	6 - 7'	2 - 4'	5.5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/26/97	09/26/97
LOCATION:	TB11-7RI	TB11-7RI	TB2-7RI	TB2-7RI	TB5-7RI	TB5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	3100	1100 J	340	360 U	160 J	27 J
DIBENZOFURAN	530	380	330 U	22 J	35 J	360 U
DIETHYL PHTHALATE	360 U	360 U	330 U	360 U	330 U	360 U
DIMETHYL PHTHALATE	360 U	360 U	330 U	360 U	330 U	360 U
FLUORANTHENE	9700	4300 J	800	3100	1800	55 J
FLUORENE	1200	870	330 U	64 J	59 J	360 U
HEXACHLOROBENZENE	360 U	360 U	330 U	360 U	330 U	360 U
HEXACHLOROBUTADIENE	360 U	360 U	330 U	360 U	330 U	360 U
HEXACHLOROCYCLOPENTADIENE	360 UJ	360 U	330 U	360 U	330 U	360 U
HEXACHLOROETHANE	360 U	360 U	330 U	360 U	330 U	360 U
INDENO(1,2,3-CD)PYRENE	5200	2000 J	630	1600	440	94 J
ISOPHORONE	360 U	360 U	330 U	360 U	330 U	360 U
N-NITROSO-DI-N-PROPYLAMINE	360 U	360 U	330 U	360 U	330 U	360 U
N-NITROSODIPHENYLAMINE	360 U	360 U	330 U	360 U	330 U	360 U
NAPHTHALENE	510	130 J	330 U	74 J	330 U	360 U
NITROBENZENE	360 U	360 U	330 U	360 U	330 U	360 U
PENTACHLOROPHENOL	910 U	910 U	830 U	910 U	830 U	910 U
PHENANTHRENE	4400	2800 J	140 J	700	880	26 J
PHENOL	360 U	360 U	330 U	360 U	330 U	360 U
PYRENE	11000	4000	780	2700	990	60 J
METALS (mg/kg)						
ALUMINUM	5880	7540				

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0110101	LS7SB0110201	LS7SB0020101	LS7SB0020201	LS7SB0050101	LS7SB0050201
DEPTH (feet):	2 - 4'	6 - 7'	2 - 4'	5.5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/26/97	09/26/97
LOCATION:	TB11-7RI	TB11-7RI	TB2-7RI	TB2-7RI	TB5-7RI	TB5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY	0.92 J	0.35 UJ				
ARSENIC	1.9	2.1				
BARIUM	30.9	35 7				
BERYLLIUM	0.22	0.30				
CADMIUM	0.24 U	0.16				
CALCIUM	758	769				
CHROMIUM	9.5 J	16 5				
COBALT	3.3	4.3				
COPPER	12.1	13.0				
IRON	7090	9600				
LEAD	197 J	44.9 J				
MAGNESIUM	1770	2660				
MANGANESE	125	162				
MERCURY	0.01 J	0.05 J				
NICKEL	8.6	11.2				
POTASSIUM	1020	1600				
SELENIUM	0.37 U	0.27 U				
SILVER	0.21 U	0.15 U				
SODIUM	88.6	105				
THALLIUM	0.95 U	0.69 U				
VANADIUM	13.9	17.4				
ZINC	106	69.2				

29000

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0110101	LS7SB0110201	LS7SB0020101	LS7SB0020201	LS7SB0050101	LS7SB0050201
DEPTH (feet):	2 - 4'	6 - 7'	2 - 4'	5.5 - 6'	2 - 4'	5.5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	09/26/97	09/26/97
LOCATION:	TB11-7RI	TB11-7RI	TB2-7RI	TB2-7RI	TB5-7RI	TB5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	620 J		120 J		250 J	

00063

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0080101	LS7SB0080201	LS7SB0090101	LS7SB0090201		
DEPTH (feet):	2 - 4'	7 - 8'	2 - 4'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	/ /	/ /
LOCATION:	TB8-7RI	TB8-7RI	TB9-7RI	TB9-7RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	330 U	330 U	360 U	400 U		
1,2-DICHLOROBENZENE	330 U	330 U	360 U	400 U		
1,3-DICHLOROBENZENE	330 U	330 U	360 U	400 U		
1,4-DICHLOROBENZENE	330 U	330 U	360 U	400 U		
2,2'-OXYBIS(1-CHLOROPROPANE)	330 U	330 U	360 U	400 U		
2,4,5-TRICHLOROPHENOL	830 U	830 U	910 U	1000 U		
2,4,6-TRICHLOROPHENOL	330 U	330 U	360 U	400 U		
2,4-DICHLOROPHENOL	330 U	330 U	360 U	400 U		
2,4-DIMETHYLPHENOL	330 U	330 U	360 U	400 U		
2,4-DINITROPHENOL	830 U	830 U	910 U	1000 U		
2,4-DINITROTOLUENE	330 U	330 U	360 U	400 U		
2,6-DINITROTOLUENE	330 U	330 U	360 U	400 U		
2-CHLORONAPHTHALENE	330 U	330 U	360 U	400 U		
2-CHLOROPHENOL	330 U	330 U	360 U	400 U		
2-METHYLNAPHTHALENE	330 UJ	330 UJ	360 U	27 J		
2-METHYLPHENOL	330 U	330 U	360 U	400 U		
2-NITROANILINE	830 U	830 U	910 U	1000 U		
2-NITROPHENOL	330 U	330 U	360 U	400 U		
3,3'-DICHLOROBENZIDINE	330 U	330 UJ	360 UJ	400 UJ		
3-NITROANILINE	830 U	830 U	910 U	1000 U		
4,6-DINITRO-2-METHYLPHENOL	830 U	830 UJ	910 U	1000 U		
4-BROMOPHENYL PHENYL ETHER	330 U	330 UJ	360 U	400 U		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0080101	LS7SB0080201	LS7SB0090101	LS7SB0090201		
DEPTH (feet):	2 - 4'	7 - 8'	2 - 4'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	/ /	/ /
LOCATION:	TB8-7RI	TB8-7RI	TB9-7RI	TB9-7RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	330 U	330 U	360 U	400 U		
4-CHLOROANILINE	330 U	330 U	360 U	400 U		
4-CHLOROPHENYL PHENYL ETHER	330 U	330 U	360 U	400 U		
4-METHYLPHENOL	330 U	330 U	360 U	400 U		
4-NITROANILINE	830 U	830 U	910 UJ	1000 UJ		
4-NITROPHENOL	830 U	830 U	910 U	1000 U		
ACENAPHTHENE	330 U	330 U	19 J	150 J		
ACENAPHTHYLENE	330 U	330 U	29 J	77 J		
ANTHRACENE	46 J	330 UJ	120 J	570		
BENZO(A)ANTHRACENE	230 J	330 UJ	370	1300		
BENZO(A)PYRENE	270 J	330 UJ	470	1100		
BENZO(B)FLUORANTHENE	490	330 UJ	580	1000		
BENZO(G,H,I)PERYLENE	220 J	330 UJ	370 J	900 J		
BENZO(K)FLUORANTHENE	330 U	330 UJ	360	970		
BIS(2-CHLOROETHOXY)METHANE	330 U	330 U	360 U	400 U		
BIS(2-CHLOROETHYL)ETHER	330 U	330 U	360 U	400 U		
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	330 U	360 U	400 U		
BUTYLBENZYL PHTHALATE	330 U	330 UJ	360 UJ	400 UJ		
CARBAZOLE	26 J	330 UJ	37 J	220 J		
CHRYSENE	280 J	330 UJ	460	1500		
DI-N-BUTYL PHTHALATE	330 U	330 UJ	360 U	400 U		
DI-N-OCTYL PHTHALATE	330 U	330 UJ	360 UJ	400 UJ		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0080101	LS7SB0080201	LS7SB0090101	LS7SB0090201		
DEPTH (feet):	2 - 4'	7 - 8'	2 - 4'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	/ /	/ /
LOCATION:	TB8-7RI	TB8-7RI	TB9-7RI	TB9-7RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	330 U	330 UJ	360 U	390 J		
DIBENZOFURAN	330 U	330 U	360 U	78 J		
DIETHYL PHTHALATE	330 U	330 U	360 U	400 U		
DIMETHYL PHTHALATE	330 U	330 U	360 U	400 U		
FLUORANTHENE	480	18 J	690	2700		
FLUORENE	330 U	330 U	19 J	160 J		
HEXACHLOROBENZENE	330 U	330 UJ	360 U	400 U		
HEXACHLOROBUTADIENE	330 U	330 U	360 U	400 U		
HEXACHLOROCYCLOPENTADIENE	330 U	330 U	360 UJ	400 UJ		
HEXACHLOROETHANE	330 U	330 U	360 U	400 U		
INDENO(1,2,3-CD)PYRENE	190 J	330 UJ	300 J	770		
ISOPHORONE	330 U	330 U	360 U	400 U		
N-NITROSO-DI-N-PROPYLAMINE	330 U	330 U	360 U	400 U		
N-NITROSODIPHENYLAMINE	330 U	330 UJ	360 U	400 U		
NAPHTHALENE	330 U	330 U	360 U	41 J		
NITROBENZENE	330 U	330 U	360 U	400 U		
PENTACHLOROPHENOL	830 U	830 UJ	910 U	1000 U		
PHENANTHRENE	160 J	330 UJ	210 J	1400		
PHENOL	330 U	330 U	360 U	400 U		
PYRENE	450	25 J	610	2400		
METALS (mg/kg)						
ALUMINUM			5630	12000		

00066

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0080101	LS7SB0080201	LS7SB0090101	LS7SB0090201		
DEPTH (feet):	2 - 4'	7 - 8'	2 - 4'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	/ /	/ /
LOCATION:	TB8-7RI	TB8-7RI	TB9-7RI	TB9-7RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY			1.7 J	0.49 UJ		
ARSENIC			1.7	5.5		
BARIUM			29.7	68.6		
BERYLLIUM			0.24	0.51		
CADMIUM			0.25	0.04 U		
CALCIUM			1150	3070		
CHROMIUM			8.0 J	16.5		
COBALT			2.4	5.0		
COPPER			16.4	18.5		
IRON			6870	16000		
LEAD			434 J	2580 J		
MAGNESIUM			1670	2300		
MANGANESE			90.8	253		
MERCURY			0.08 J	0.04 J		
NICKEL			5.6	10.3		
POTASSIUM			984	800		
SELENIUM			0.28 U	0.44 J		
SILVER			0.16 U	0.21 U		
SODIUM			126	277		
THALLIUM			0.72 U	0.95 U		
VANADIUM			12.7	27.1		
ZINC			57.3	198		

SUMMARY OF SOIL ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SB0080101	LS7SB0080201	LS7SB0090101	LS7SB0090201		
DEPTH (feet):	2 - 4'	7 - 8'	2 - 4'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/25/97	09/25/97	09/25/97	09/25/97	/ /	/ /
LOCATION:	TB8-7RI	TB8-7RI	TB9-7RI	TB9-7RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:						
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	210 J		45 J			

C0068

APPENDIX H.1.2

SPLP DATA

H.1.2.1 ZONE 1
H.1.2.2 ZONE 2
H.1.2.3 ZONE 3
H.1.2.4 ZONE 4
H.1.2.5 ZONE 5
H.1.2.6 ZONE 6
H.1.2.7 ZONE 7

APPENDIX H.1.2.1

ZONE 1

SUMMARY OF SPLP ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SB0010101	LS1SB0020101				
DEPTH (feet):	1.5 - 3.5'	2 - 3.5'				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	09/26/97	09/26/97	/ /	/ /	/ /	/ /
LOCATION:	TB1-1RI	TB2-1RI				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SPLP METALS (mg/L)*						
LEAD (5.0/0.15)	0.007 U	0.0053 U				

10001

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.2.2

ZONE 2

SUMMARY OF SPLP ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SB0050301	LS2SB0060301	SBFD001			
DEPTH (feet):	8 - 11'	8 - 11'	8 - 11'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	09/23/97	09/22/97	09/22/97	/ /	/ /	/ /
LOCATION:	TB5-2RI	TB6-2RI	TB6-2RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:			LS2SB0060301			
SPLP METALS (mg/L)*						
LEAD (5.0/0.15)	0.0013 U	0.0015 J	0.0013 U			

00001

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.2.3

ZONE 3

SUMMARY OF SPLP ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SB0010201	LS3SB0020201	SBFD010	LS3SB0020401		
DEPTH (feet):	2 - 4'	2 - 3.5'	2 - 3.5'	5 - 6'		
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI		
SAMPLE DATE:	09/27/97	09/29/97	09/29/97	10/01/97	/ /	/ /
LOCATION:	MW1-3RI	MW2-3RI	MW2-3RI	MW2-3RI		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:						
FIELD DUPLICATE OF:			LS3SB0020201			
SPLP METALS (mg/L)*						
LEAD (5.0/0.15)	0.478 J	0.12 J	0.0402 J	0.0458 J		

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.2.4

ZONE 4

SUMMARY OF SPLP ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SB0010101	LS4SB0010301	LS4SB0050101	LS4SB0050301	LS4SB0030101	LS4SB0030201
DEPTH (feet):	0.5 - 2'	5 - 6'	1 - 3'	5 - 7'	2 - 4'	7 - 8'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/26/97	09/26/97	09/26/97	09/26/97	09/23/97	09/23/97
LOCATION:	MW1-4RI	MW1-4RI	MW2-4RI	MW2-4RI	TB3-4RI	TB3-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SPLP METALS (mg/L)*						
LEAD (5.0/0.15)	0.0766	0.002 U	0.0132 U	0.0013 U	0.104	0.0872

00001

***Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters**

APPENDIX H.1.2.5

ZONE 5

SUMMARY OF SPLP ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5SB0010101	SBFD003	LS5SB0010201	LS5SB0060101	LS5SB0060201	
DEPTH (feet):	2 - 4'	2 - 4'	5 - 7'	2 - 4'	5.5 - 6.5'	
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	
SAMPLE DATE:	09/24/97	09/24/97	09/24/97	09/24/97	09/24/97	/ /
LOCATION:	TB1-5RI	TB1-5RI	TB1-5RI	TB6-5RI	TB6-5RI	
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:		LS5SB0010101				
SPLP METALS (mg/L)*						
LEAD (5.0/0.15)	0.0101	0.006 J	0.0014 J	0.002 J	0.0016 J	

00001

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.2.6

ZONE 6

SUMMARY OF SPLP ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0010201	LS6SB0010401	LS6SB0030201	LS6SB0030301	LS6SB0040101	LS6SB0040301
DEPTH (feet):	2 - 4'	6 - 8'	0.5 - 2'	5 - 6'	0.5 - 1.5'	5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/30/97	09/30/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	MW1-6RI	MW1-6RI	MW3-6RI	MW3-6RI	MW4-6RI	MW4-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SPLP METALS (mg/L)*						
ALUMINUM (NA/NA)	0.861	0.48	0.355 U	0.0894 U	0.535 U	0.0424 U
ANTIMONY (NA/0.06)	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
ARSENIC (5.0/0.5)	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
BARIUM (100.0/10.0)	0.3	0.238	0.0184 U	0.0174 U	0.236	0.0491 U
BERYLLIUM (NA/0.04)	0.0003 U	0.0003 U	0.00011 UJ	0.00011 UJ	0.00014 U	0.00011 U
CADMIUM (1.0/0.05)	0.00041 U	0.00022 U	0.00022 U	0.00022 U	0.00022 U	0.00022 U
CALCIUM (NA/NA)	1.6	0.736	7.92	1.48	0.728	0.81
CHROMIUM (5.0/0.5)	0.0052 U	0.0052 U	0.0012 U	0.00068 U	0.00093 J	0.00068 U
COBALT (NA/4.2)	0.0031 U	0.0031 U	0.0008 U	0.0008 U	0.0008 U	0.0008 U
COPPER (NA/13)	0.0035	0.0015 U	0.00074 U	0.00074 U	0.00096 J	0.00074 U
IRON (NA/NA)	0.661	0.343 U	0.0554 U	0.0141 U	0.363	0.0134 U
LEAD (5.0/0.15)	0.0054 U	0.0016 U	0.0019 U	0.0013 U	0.0029 J	0.0013 U
MAGNESIUM (NA/NA)	0.522	0.429	0.316 U	0.16 U	0.123 U	0.145 U
MANGANESE (NA/0.16)	0.0525	0.0733	0.00038 U	0.0016	0.0242	0.0185
MERCURY (0.2/0.02)	0.00001 UJ	0.00001 UJ	0.00006 U	0.00008 U	0.00012 U	0.00005 U
NICKEL (NA/1.0)	0.0062 U	0.0062 U	0.00075 U	0.00075 U	0.0012 J	0.00075 U
POTASSIUM (NA/NA)	1.55	1.42 U	0.799	0.67	1.05	0.864
SELENIUM (1.0/0.5)	0.0026 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U
SILVER (5.0/0.36)	0.0025 U	0.0025 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
SODIUM (NA/NA)	1.93	1.99	3.52	2.5	4.06	1.19
THALLIUM (NA/0.05)	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
VANADIUM (NA/0.5)	0.0029 U	0.0029 U	0.002 U	0.00063 U	0.00083 J	0.00055 U

***Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters**

SUMMARY OF SPLP ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SB0010201	LS6SB0010401	LS6SB0030201	LS6SB0030301	LS6SB0040101	LS6SB0040301
DEPTH (feet):	2 - 4'	6 - 8'	0.5 - 2'	5 - 6'	0.5 - 1.5'	5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/30/97	09/30/97	09/25/97	09/25/97	09/24/97	09/24/97
LOCATION:	MW1-6RI	MW1-6RI	MW3-6RI	MW3-6RI	MW4-6RI	MW4-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SPLP METALS (mg/L)*						
ZINC (NA/50)	0.109	0.0801 U	0.0175 U	0.0224 U	0.126 U	0.0203 U

20000

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.2.7

ZONE 7

SUMMARY OF SPLP ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SBFD009	LS7SB0060201	LS7SB0060301	SBFD007	LS7SB0100201	LS7SB0100301
DEPTH (feet):	2 - 4'	2 - 4'	5 - 6'	2 - 4'	2 - 4'	5 - 6'
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	09/27/97	09/27/97	09/27/97	09/26/97	09/26/97	09/26/97
LOCATION:	MW3-7RI	MW3-7RI	MW3-7RI	MW5-7RI	MW5-7RI	MW5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:	LS7SB0060201			LS7SB0100201		
SPLP METALS (mg/L)*						
LEAD (5.0/0.15)	0.0013 U	0.0013 U	0.0013 U	0.0121	0.0075	0.0301

0001

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.3

TCLP DATA

H.1.3.1 ZONE 1
H.1.3.2 ZONE 2
H.1.3.3 ZONE 3
H.1.3.4 ZONE 4
H.1.3.5 ZONE 5
H.1.3.6 ZONE 7

APPENDIX H.1.3.1

ZONE 1

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW1(12-14)	13MW18-0911	13MW2(10-12)	13MW3(12-14)	13MW4(6-8)	13MW5(10-12)
DEPTH (feet):	12 - 14'	9 - 11'	10 - 12'	12 - 14'	6 - 8'	10 - 12'
INVESTIGATION:	PH1	PH2-1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/05/90	01/26/94	11/05/90	11/07/90	11/07/90	11/08/90
LOCATION:	13MW1	13MW18	13MW2	13MW3	13MW4	13MW5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.5 U	0.026 U	0.5 U	0.5 U	0.5 U	0.5 U
BARIUM (100.0/10.0)	0.14	0.0899	0.22	0.092	0.196	0.33
CADMIUM (1.0/0.05)	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
CHROMIUM (5.0/0.5)	0.016 J	0.003 UJ	0.0084 J	0.005 UJ	0.0052 J	0.0085 J
LEAD (5.0/0.15)	0.1 U	0.02 U	0.15	0.1 U	1.7	0.1 U
MERCURY (0.2/0.02)	0.002 U	0.0002 U	0.002 U	0.002 U	0.002 U	0.002 U
SELENIUM (1.0/0.5)	0.2 U	0.024 U	0.2 U	0.2 U	0.2 U	0.2 U
SILVER (5.0/0.36)	0.007 UJ	0.002 U	0.045 J	0.007 UJ	0.007 UJ	0.007 UJ

00004

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW7(8-10)	13MW8(8-10)	13MW9(6-8)	13TB13-0305	13TB13-0911	13TB15-0305
DEPTH (feet):	8 - 10'	8 - 10'	6 - 8'	3 - 5'	9 - 11'	3 - 5'
INVESTIGATION:	PH1	PH1	PH1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	11/07/90	11/07/90	11/07/90	01/26/94	01/26/94	01/25/94
LOCATION:	13MW7	13MW8	13MW9	13TB13	13TB13	13TB15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.5 U	0.5 U	0.5 U	0.026 U	0.026 U	0.026 U
BARIUM (100.0/10.0)	0.087	0.13	0.098	0.254	0.081	0.106
CADMIUM (1.0/0.05)	0.002 U	0.0029	0.002 U	0.002 U	0.002 U	0.002 U
CHROMIUM (5.0/0.5)	0.0077 J	0.007 J	0.0061 J	0.0093 J	0.0037 J	0.005 J
LEAD (5.0/0.15)	0.1 U	0.2	0.1 U	0.0512	0.02 U	0.02 U
MERCURY (0.2/0.02)	0.002 U	0.002 U	0.002 U	0.0002 U	0.0002 U	0.0002 U
SELENIUM (1.0/0.5)	0.2 U	0.2 U	0.2 U	0.0269 J	0.024 U	0.024 U
SILVER (5.0/0.36)	0.007 UJ	0.007 UJ	0.007 UJ	0.002 U	0.002 U	0.002 U

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*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB15-0709	13TB16-0204	13TB16-0810	13TB17-0406	13TB17-0608	Pipe Chase
DEPTH (feet):	7 - 9'	2 - 4'	8 - 10'	4 - 6'	6 - 8'	2'
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	SCR95
SAMPLE DATE:	01/25/94	01/24/94	01/24/94	01/25/94	01/25/94	06/03/94
LOCATION:	13TB15	13TB16	13TB16	13TB17	13TB17	PIPE CHASE
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP VOLATILES (mg/L)*						
1,1-DICHLOROETHENE (0.7/0.07)						0.05 U
1,2-DICHLOROETHANE (0.5/0.01)						0.05 U
2-BUTANONE (200.0/4.0)						0.05 U
BENZENE (0.5/0.01)						0.05 U
CARBON TETRACHLORIDE (0.5/0.05)						0.05 U
CHLOROBENZENE (100.0/1.0)						0.05 U
CHLOROFORM (6.0/0.06)						0.05 U
HEXACHLOROBENZENE (0.13/0.01)						0.02 U
HEXACHLOROBUTADIENE (0.5/0.0045)						0.02 U
HEXACHLOROETHANE (3.0/0.03)						0.02 U
TETRACHLOROETHENE (0.7/0.05)						0.05 U
TRICHLOROETHENE (0.5/0.05)						0.05 U
VINYL CHLORIDE (0.2/0.02)						0.05 U
TCLP SEMIVOLATILES (mg/L)*						
1,4-DICHLOROBENZENE (7.5/0.75)						0.02 U
2,4,5-TRICHLOROPHENOL (400.0/7.0)						0.1 U
2,4,6-TRICHLOROPHENOL (2.0/0.032)						0.02 U
2,4-DINITROTOLUENE (0.13/0.14)						0.02 U
2-METHYLPHENOL (200.0/3.5)						0.02 U
4-METHYLPHENOL (200.0/0.35)						0.02 U
NITROBENZENE (2.0/0.035)						0.02 U
PENTACHLOROPHENOL (100.0/0.01)						0.1 U

***Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters**

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB15-0709	13TB16-0204	13TB16-0810	13TB17-0406	13TB17-0608	Pipe Chase
DEPTH (feet):	7 - 9'	2 - 4'	8 - 10'	4 - 6'	6 - 8'	2'
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	SCR95
SAMPLE DATE:	01/25/94	01/24/94	01/24/94	01/25/94	01/25/94	06/03/94
LOCATION:	13TB15	13TB16	13TB16	13TB17	13TB17	PIPE CHASE
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP SEMIVOLATILES (mg/L)*						
PYRIDINE (5.0/NA)						0.02 U
TCLP PESTICIDES (mg/L)*						
2,4-D (10.0/0.7)						1 U
ALPHA-CHLORDANE (0.3/0.003)						0.003 U
ENDRIN (0.02/NA)						0.002 U
GAMMA-BHC (LINDANE) (0.4/0.002)						0.04 U
GAMMA-CHLORDANE (0.3/0.003)						0.003 U
HEPTACHLOR (0.008/0.004)						0.0008 U
HEPTACHLOR EPOXIDE (NA/0.002)						0.0008 U
METHOXYCHLOR (10.0/0.4)						1 U
TOXAPHENE (0.5/0.03)						0.05 U
TCLP HERBICIDES (mg/L)*						
2,4,5-T (1.0/NA)						0.1 U
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.026 U	0.026 U	0.0362	0.026 U	0.026 U	0.045 U
BARIUM (100.0/10.0)	0.0453	0.235	0.243	0.284	0.0508	0.137 U
CADMIUM (1.0/0.05)	0.002 U	0.002 U	0.002 U	0.0025 J	0.002 U	0.003 U
CHROMIUM (5.0/0.5)	0.003 UJ	0.003 UJ	0.0047 J	0.0073 J	0.0054 J	0.004 U
LEAD (5.0/0.15)	0.02 U	0.02	0.38	0.194	0.02 U	0.016 U
MERCURY (0.2/0.02)	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
SELENIUM (1.0/0.5)	0.0269 J	0.025 J	0.0644	0.024 U	0.0335 J	0.032 U
SILVER (5.0/0.36)	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0021 U

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*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.3.2

ZONE 2

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW10(6-8)	13MW11(2-4)	13MW17(8-10)	13MW6(14-16)	13TB11-0406	13TB8-0103
DEPTH (feet):	6 - 8'	2 - 4'	8 - 10'	14 - 16'	4 - 6'	1 - 3'
INVESTIGATION:	PH1	PH1	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	11/08/90	11/08/90	11/12/90	11/13/90	01/24/94	01/24/94
LOCATION:	13MW10	13MW11	13MW17	13MW6	13TB11	13TB8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.5 U	0.5 U	0.3 U	0.3 U	0.026 U	0.026 U
BARIUM (100.0/10.0)	0.16	0.26	0.044	0.16	0.171	0.303
CADMIUM (1.0/0.05)	0.002 U	0.0024	0.005 U	0.005 U	0.002 U	0.002 U
CHROMIUM (5.0/0.5)	0.01 J	0.014 J	0.05 U	0.05 U	0.003 UJ	0.0032 J
LEAD (5.0/0.15)	0.2	8.6	0.3 U	0.3 U	3.43	0.11
MERCURY (0.2/0.02)	0.002 U	0.002 U	0.002 U	0.002 U	0.0002 U	0.0002 U
SELENIUM (1.0/0.5)	0.2 U	0.2 U	0.3 U	0.3 U	0.024 U	0.024 U
SILVER (5.0/0.36)	0.007 UJ	0.007 UJ	0.008 J	0.007 UR	0.002 U	0.002 U

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB9-0103					
DEPTH (feet):	1 - 3'					
INVESTIGATION:	PH2-1					
SAMPLE DATE:	01/24/94	/ /	/ /	/ /	/ /	/ /
LOCATION:	13TB9					
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB					
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.026 U					
BARIUM (100.0/10.0)	0.275					
CADMIUM (1.0/0.05)	0.0026 J					
CHROMIUM (5.0/0.5)	0.003 UJ					
LEAD (5.0/0.15)	0.104					
MERCURY (0.2/0.02)	0.0002 U					
SELENIUM (1.0/0.5)	0.024 U					
SILVER (5.0/0.36)	0.002 U					

deral Toxicity Characteristic Regulatory Level (58 FR 46049)/Conn ut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.3.3

ZONE 3

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW12(8-10)	13TB12-0406	13TB18-0103	13TB5A-1.5-3.5	13TB7-0103	SB01-4.0
DEPTH (feet):	8 - 10'	4 - 6'	1 - 3'	1.5 - 3.5'	1 - 3'	2 - 4'
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-1	PH2-1	AMB31
SAMPLE DATE:	11/08/90	01/22/94	02/01/94	01/22/94	01/22/94	02/25/93
LOCATION:	13MW12	13TB12	13TB18	13TB5A	13TB7	SB01
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						EXCAVATED
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.5 U	0.026 U	0.05 U	0.026 U	0.026 U	
BARIUM (100.0/10.0)	0.21	0.0632	0.264	0.211	0.237	
CADMIUM (1.0/0.05)	0.002 U	0.002 U	0.003 UJ	0.002 U	0.002 U	
CHROMIUM (5.0/0.5)	0.071 J	0.0047 J	0.0062 U	0.0061	0.0125	
LEAD (5.0/0.15)	0.1 U	0.651 J	0.05 U	0.429 J	0.266 J	10.5
MERCURY (0.2/0.02)	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	
SELENIUM (1.0/0.5)	0.2 U	0.024 U	0.024 U	0.024 U	0.024 U	
SILVER (5.0/0.36)	0.007 UJ	0.002 U	0.009 UJ	0.002 U	0.002 U	

***Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters**

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB02-2.0	SB03-4.0	SB04-2.0	SB05-2.0	SB06-6.0	SB07-6.0
DEPTH (feet):	0 - 2'	2 - 4'	0 - 2'	0 - 2'	4 - 6'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93	02/25/93
LOCATION:	SB02	SB03	SB04	SB05	SB06	SB07
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED		
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
LEAD (5.0/0.15)	22.8	12.6	0.591	27.5	1.7	0.0546

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,deral Toxicity Characteristic Regulatory Level (58 FR 46049)/Conn. ,ut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB08-2.0	SB09-2.0	SB10-4.0	SB11-6.0	SB12-6.0	SB13-2.0
DEPTH (feet):	0 - 2'	0 - 2'	2 - 4'	4 - 6'	4 - 6'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93	02/24/93
LOCATION:	SB08	SB09	SB10	SB11	SB12	SB13
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED			EXCAVATED		
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
LEAD (5.0/0.15)	5.81	0.0293	0.026 U	6	0.0698	0.232

00003

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB14-4.0	SB15-2.0	SB16-2.0	SB17-6.0	SB18-6.0	SB19-6.0
DEPTH (feet):	2 - 4'	0 - 2'	0 - 2'	4 - 6'	4 - 6'	4 - 6'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/24/93	02/25/93	02/25/93
LOCATION:	SB14	SB15	SB16	SB17	SB18	SB19
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:			EXCAVATED		EXCAVATED	
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
LEAD (5.0/0.15)	0.026 U	0.154	9.13	5.88	13.6	0.815

00004

deral Toxicity Characteristic Regulatory Level (58 FR 46049)/Conn ut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB20-2.0	SB21-2.0	SB22-6.0	SB23-6.0	SB24-2.0	SB25-2.0
DEPTH (feet):	0 - 2'	0 - 2'	4 - 6'	4 - 6'	0 - 2'	0 - 2'
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/25/93	02/25/93	02/25/93	02/24/93	02/24/93	02/24/93
LOCATION:	SB20	SB21	SB22	SB23	SB24	SB25
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:					EXCAVATED	
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
LEAD (5.0/0.15)	1.02	0.0932	0.0709	0.026 U	4.87	2.89

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*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	SB26-2.0	SB27-2.0	SB28-2.0			
DEPTH (feet):	0 - 2'	0 - 2'	0 - 2'			
INVESTIGATION:	AMB31	AMB31	AMB31			
SAMPLE DATE:	02/24/93	02/24/93	02/26/93	/ /	/ /	/ /
LOCATION:	SB26	SB27	SB28			
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:			EXCAVATED			
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
LEAD (5.0/0.15)	0.125	0.196	113			

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:deral Toxicity Characteristic Regulatory Level (58 FR 46049)/Conn ut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.3.4

ZONE 4

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13MW23(8-10)	13MW13(8-10)	13MW24(12-14)	13MW14(12-14)	13MW15(12-14)	13MW16(10-12)
DEPTH (feet):	8 - 10'	8 - 10'	12 - 14'	12 - 14'	12 - 14'	10 - 12'
INVESTIGATION:	PH1	PH1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/13/90	11/13/90	11/13/90	11/13/90	11/12/90	11/12/90
LOCATION:	13MW13	13MW13	13MW14	13MW14	13MW15	13MW16
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.3 U	0.3 U	0.32 J	0.3 UJ	0.3 U	0.36
BARIUM (100.0/10.0)	0.31	0.24	0.086	0.072	0.07	0.035
CADMIUM (1.0/0.05)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
CHROMIUM (5.0/0.5)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
LEAD (5.0/0.15)	0.43 J	0.3 UJ	0.92 J	0.56 J	0.3 U	7.4
MERCURY (0.2/0.02)	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SELENIUM (1.0/0.5)	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
SILVER (5.0/0.36)	0.007 UR	0.007 UR	0.007 UR	0.007 UR	0.007 UR	0.007 UR

***Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters**

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB2A-0406	13TB3A-0608	13TB3A-2.5-4.5D	13TB3A-2.5-4.5	13TB4A-0002	13TB6-0507
DEPTH (feet):	4 - 6'	6 - 8'	2.5 - 4.5'	2.5 - 4.5'	0 - 2'	5 - 7'
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	01/22/94	01/23/94	01/22/94	01/22/94	01/22/94	01/23/94
LOCATION:	13TB2A	13TB3A	13TB3A	13TB3A	13TB4A	13TB6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP VOLATILES (mg/L)*						
1,1-DICHLOROETHENE (0.7/0.07)		0.05 U		0.05 U		
1,2-DICHLOROETHANE (0.5/0.01)		0.05 U		0.05 U		
2-BUTANONE (200.0/4.0)		0.05 U		0.05 U		
BENZENE (0.5/0.01)		0.05 U		0.05 U		
CARBON TETRACHLORIDE (0.5/0.05)		0.05 U		0.05 U		
CHLOROBENZENE (100.0/1.0)		0.05 U		0.05 U		
CHLOROFORM (6.0/0.06)		0.05 U		0.05 U		
HEXACHLOROBENZENE (0.13/0.01)		0.02 U		0.02 U		
HEXACHLOROBUTADIENE (0.5/0.0045)		0.02 U		0.02 U		
HEXACHLOROETHANE (3.0/0.03)		0.02 U		0.02 U		
TETRACHLOROETHENE (0.7/0.05)		0.05 U		0.05 U		
TRICHLOROETHENE (0.5/0.05)		0.05 U		0.05 U		
VINYL CHLORIDE (0.2/0.02)		0.05 U		0.05 U		
TCLP SEMIVOLATILES (mg/L)*						
1,4-DICHLOROBENZENE (7.5/0.75)		0.02 U		0.02 U		
2,4,5-TRICHLOROPHENOL (400.0/7.0)		0.1 U		0.1 U		
2,4,6-TRICHLOROPHENOL (2.0/0.032)		0.02 U		0.02 U		
2,4-DINITROTOLUENE (0.13/0.14)		0.02 U		0.02 U		
2-METHYLPHENOL (200.0/3.5)		0.02 U		0.02 U		
4-METHYLPHENOL (200.0/0.35)		0.02 U		0.02 U		
NITROBENZENE (2.0/0.035)		0.02 U		0.02 U		
PENTACHLOROPHENOL (100.0/0.01)		0.1 U		0.1 U		

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13TB2A-0406	13TB3A-0608	13TB3A-2.5-4.5D	13TB3A-2.5-4.5	13TB4A-0002	13TB6-0507
DEPTH (feet):	4 - 6'	6 - 8'	2.5 - 4.5'	2.5 - 4.5'	0 - 2'	5 - 7'
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	01/22/94	01/23/94	01/22/94	01/22/94	01/22/94	01/23/94
LOCATION:	13TB2A	13TB3A	13TB3A	13TB3A	13TB4A	13TB6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP SEMIVOLATILES (mg/L)*						
PYRIDINE (5.0/NA)		0.02 U		0.02 U		
TCLP PESTICIDES (mg/L)*						
2,4-D (10.0/0.7)		1 U		1 U		
ALPHA-CHLORDANE (0.3/0.003)		0.003 U		0.003 U		
ENDRIN (0.02/NA)		0.002 U		0.002 U		
GAMMA-BHC (LINDANE) (0.4/0.002)		0.04 U		0.04 U		
GAMMA-CHLORDANE (0.3/0.003)		0.003 U		0.003 U		
HEPTACHLOR (0.008/0.004)		0.0008 U		0.0008 U		
HEPTACHLOR EPOXIDE (NA/0.002)		0.0008 U		0.0008 U		
METHOXYCHLOR (10.0/0.4)		1 U		1 U		
TOXAPHENE (0.5/0.03)		0.05 U		0.05 U		
TCLP HERBICIDES (mg/L)*						
2,4,5-TP (SILVEX) (NA/NA)		0.1 U		0.1 U		
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.026 U	0.026 U	0.0354 J	0.0375 J	0.026 U	0.026 U
BARIUM (100.0/10.0)	0.125	0.246	0.379	0.408	0.291	0.0246
CADMIUM (1.0/0.05)	0.002 U	0.0022 J	0.002 U	0.002 U	0.0024 J	0.002 U
CHROMIUM (5.0/0.5)	0.0112	0.003 UJ	0.003 U	0.003 U	0.0087	0.003 U
LEAD (5.0/0.15)	0.014 UJ	21.3	109 J	150 J	0.909 J	0.0578 U
MERCURY (0.2/0.02)	0.002 U	0.0002 U	0.002 U	0.002 U	0.002 U	0.002 U
SELENIUM (1.0/0.5)	0.024 U	0.0453 J	0.024 U	0.024 U	0.024 U	0.024 U
SILVER (5.0/0.36)	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

0003

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	QW-1	13WE4A-0002				
DEPTH (feet):	5 - 6'	0 - 2'				
INVESTIGATION:	RSC95	PH2-1				
SAMPLE DATE:	11/30/94	01/23/94	/ /	/ /	/ /	/ /
LOCATION:	QW-1	WE4A				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.003 U	0.0309 J				
BARIUM (100.0/10.0)	0.253	0.166				
CADMIUM (1.0/0.05)	0.0022	0.0106				
CHROMIUM (5.0/0.5)	0.0081	0.0086				
LEAD (5.0/0.15)	51.9	143 J				
MERCURY (0.2/0.02)	0.0002 U	0.002 U				
SELENIUM (1.0/0.5)	0.0146 U	0.024 U				
SILVER (5.0/0.36)	0.001 U	0.002 U				

40004

Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Con.. .ticut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.3.5

ZONE 5

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19MW1-0.252.25	19MW11-0.252.25	19MW12-0406	19MW2-0406	19MW3-0406	19MW4-0608
DEPTH (feet):	0.3 - 2.3'	0.3 - 2.3'	4 - 6'	4 - 6'	4 - 6'	6 - 8'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/24/93	03/24/93	03/25/93	03/23/93
LOCATION:	19MW1	19MW1	19MW2	19MW2	19MW3	19MW4
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:		19MW1-0.252.25	19MW2-0406			
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.02 U	0.02 U	0.0234 U	0.0234 U	0.0234 U	0.0234 U
BARIUM (100.0/10.0)	0.305	0.26	0.371	0.333	0.275	0.277
CADMIUM (1.0/0.05)	0.0028 B	0.002 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
CHROMIUM (5.0/0.5)	0.004 U	0.004 U	0.0324	0.0142	0.0039 U	0.0084 B
LEAD (5.0/0.15)	0.028 U	0.026 U	0.06	0.419	0.0562	0.114
MERCURY (0.2/0.02)	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
SELENIUM (1.0/0.5)	0.075 U	0.075 U	0.0263 U	0.0263 U	0.0263 U	0.0263 U
SILVER (5.0/0.36)	0.004 U	0.004 U	0.0194 N	0.0025 UN	0.0108 N	0.0025 UN

***Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters**

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19SS1	19TB1-0608	19TB2-0608	19TB3-1012	19TB4-0406	
DEPTH (feet):	0 - 0.5'	6 - 8'	6 - 8'	10 - 12'	4 - 6'	
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	
SAMPLE DATE:	04/07/93	03/23/93	03/22/93	03/24/93	03/24/93	/ /
LOCATION:	19SS1	19TB1	19TB2	19TB3	19TB4	
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.0321 U	0.0234 U	0.0234 U	0.0234 U	0.0234 U	
BARIUM (100.0/10.0)	0.557	0.217	0.265	0.417	0.304	
CADMIUM (1.0/0.05)	0.0018 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	
CHROMIUM (5.0/0.5)	0.0031 U	0.0039 U	0.006 B	0.0104	0.0054 B	
LEAD (5.0/0.15)	0.173	0.0124	0.0127	0.0397	0.0434	
MERCURY (0.2/0.02)	0.0001 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	
SELENIUM (1.0/0.5)	0.0333 U	0.0263 U	0.0263 U	0.0263 U	0.0263 U	
SILVER (5.0/0.36)	0.0029 U	0.0025 UN	0.0098 BN	0.0025 UN	0.0025 UN	

:deral Toxicity Characteristic Regulatory Level (58 FR 46049)/Con :ut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.1.3.6

ZONE 7

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW1-0.52.5	20MW11-0.52.5	20MW2-1416	20MW3-0810	20MW4-0406	20MW5-0608
DEPTH (feet):	0.5 - 2.5'	0.5 - 2.5'	14 - 16'	8 - 10'	4 - 6'	6 - 8'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	04/30/93	04/30/93	03/31/93	04/01/93	03/30/93	03/26/93
LOCATION:	20MW1	20MW1	20MW2	20MW3	20MW4	20MW5
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.02 U	0.02 U	0.0321 U	0.0321 U	0.0321 U	0.0321 U
BARIUM (100.0/10.0)	0.44	0.412	0.173 B	0.235	0.203	0.687
CADMIUM (1.0/0.05)	0.002 U	0.002 U	0.0018 U	0.0018 U	0.0018 U	0.0045 B
CHROMIUM (5.0/0.5)	0.004 U	0.004 U	0.004 B	0.0041 B	0.0119	0.007 B
LEAD (5.0/0.15)	0.028 U	0.028 U	0.094	1.81 S	0.0208	45.9
MERCURY (0.2/0.02)	0.0002 U	0.0002 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
SELENIUM (1.0/0.5)	0.075 U	0.075 U	0.0333 U	0.0333 U	0.0333 U	0.0333 U
SILVER (5.0/0.36)	0.004 U	0.004 U	0.0029 U	0.0029 U	0.0029 U	0.0081 B

***Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters**

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW6-1214	20MW7-0406	20TB1-0608	20TB11-0608	20TB2-1416	20TB3-1012
DEPTH (feet):	12 - 14'	4 - 6'	6 - 8'	6 - 8'	14 - 16'	10 - 12'
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95
SAMPLE DATE:	03/26/93	03/30/93	04/02/93	04/02/93	03/31/93	03/29/93
LOCATION:	20MW6	20MW7	20TB1	20TB1	20TB2	20TB3
VALIDATED:		VALIDATED				
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.0321 U	0.0321 U	0.0321 U	0.0321 U	0.0321 U	0.0321 U
BARIUM (100.0/10.0)	0.685	0.223	0.189 B	0.192 B	0.122 B	0.378
CADMIUM (1.0/0.05)	0.0108	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0018 U
CHROMIUM (5.0/0.5)	0.0133	0.0166	0.0031 U	0.0031 U	0.0031 U	0.0041 B
LEAD (5.0/0.15)	17.4	0.0064	0.004	0.0074	0.0736	0.0676
MERCURY (0.2/0.02)	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
SELENIUM (1.0/0.5)	0.0333 U	0.0333 U	0.0333 U	0.0333 U	0.0333 U	0.0333 U
SILVER (5.0/0.36)	0.0029 U	0.0029 U	0.0029 U	0.0029 U	0.0029 U	0.0029 U

20008

ederal Toxicity Characteristic Regulatory Level (58 FR 46049)/Conr ut Remediation Standard Pollutant Mobility Criteria for GB Waters

SUMMARY OF TCLP ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20TB4-1416	20TB5-0406	20TB6-0810	20TB17-4856	20TB7-4856	
DEPTH (feet):	14 - 16'	4 - 6'	6 - 10'	4 - 4.7'	4 - 4.7'	
INVESTIGATION:	AESSI95	AESSI95	AESSI95	AESSI95	AESSI95	
SAMPLE DATE:	03/31/93	03/29/93	03/25/93	04/06/93	04/06/93	/ /
LOCATION:	20TB4	20TB5	20TB6	20TB7	20TB7	
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
TCLP METALS (mg/L)*						
ARSENIC (5.0/0.5)	0.146	0.0321 U	0.0234 U	0.0321 U	0.0321 U	
BARIUM (100.0/10.0)	4.21	0.403	0.282	0.546	0.503	
CADMIUM (1.0/0.05)	0.0052	0.0028 B	0.0025 U	0.0035 B	0.004 B	
CHROMIUM (5.0/0.5)	0.046	0.0032 B	0.0039 U	0.0052 B	0.0033 B	
LEAD (5.0/0.15)	0.0655 W	0.088	0.112	0.784	1.31 S	
MERCURY (0.2/0.02)	0.0001 U	0.0001 U	0.0002 U	0.0001 U	0.0001 U	
SELENIUM (1.0/0.5)	0.133 U	0.0333 U	0.0263 U	0.0333 U	0.0333 U	
SILVER (5.0/0.36)	0.0029 U	0.0029 U	0.0025 UN	0.0029 U	0.0029 U	

*Federal Toxicity Characteristic Regulatory Level (58 FR 46049)/Connecticut Remediation Standard Pollutant Mobility Criteria for GB Waters

APPENDIX H.2

GROUNDWATER DATABASE

H.2.1 ZONE 1
H.2.2 ZONE 2
H.2.3 ZONE 3
H.2.4 ZONE 4
H.2.5 ZONE 5
H.2.6 ZONE 6
H.2.7 ZONE 7

APPENDIX H.2.1

ZONE 1

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW1S	13GW1	13GW1	13GW1-2	13GW1-2	LS1GW13MW101
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW1	13MW1	13MW1	13MW1	13MW1	13MW1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	5 U	10 U		10 U		
1,1,2,2-TETRACHLOROETHANE	5 U	10 U		10 U		
1,1,2-TRICHLOROETHANE	5 U	10 U		10 U		
1,1-DICHLOROETHANE	5 U	10 U		10 U		
1,1-DICHLOROETHENE	5 U	10 U		10 U		
1,2-DICHLOROETHANE	5 U	10 U		10 U		
1,2-DICHLOROETHENE (TOTAL)	5 U	10 U		10 U		
1,2-DICHLOROPROPANE	5 U	10 U		10 U		
2-BUTANONE	10 U	10 U		10 U		
2-HEXANONE	10 U	10 U		10 U		
4-METHYL-2-PENTANONE	10 U	10 U		10 U		
ACETONE	10 U	10 U		11 U		
BENZENE	5 U	10 U		10 U		
BROMODICHLOROMETHANE	5 U	10 U		10 U		
BROMOFORM	5 U	10 U		10 U		
BROMOMETHANE	10 U	10 U		10 U		
CARBON DISULFIDE	5 U	10 U		10 U		
CARBON TETRACHLORIDE	5 U	10 U		10 U		
CHLOROBENZENE	5 U	10 U		10 U		
CHLOROETHANE	10 U	10 U		10 U		
CHLOROFORM	5 U	10 U		10 U		
CHLOROMETHANE	10 U	10 U		10 U		
CIS-1,3-DICHLOROPROPENE	5 U	10 U		10 U		
DIBROMOCHLOROMETHANE	5 U	10 U		10 U		

00001

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW1S	13GW1	13GW1	13GW1-2	13GW1-2	LS1GW13MW101
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW1	13MW1	13MW1	13MW1	13MW1	13MW1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	5 U	10 U		10 U		
METHYLENE CHLORIDE	5 U	10 U		10 U		
STYRENE	5 U	10 U		10 U		
TETRACHLOROETHENE	5 U	10 U		10 U		
TOLUENE	5 U	10 U		10 U		
TRANS-1,3-DICHLOROPROPENE	5 U	10 U		10 U		
TRICHLOROETHENE	5 U	10 U		10 U		
VINYL ACETATE	10 U	10 U		10 UJ		
VINYL CHLORIDE	10 U	10 U		10 U		
XYLENES, TOTAL	5 U	10 U		10 U		
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		10 U		10 U		12 U
1,2-DICHLOROBENZENE		10 U		10 U		12 U
1,3-DICHLOROBENZENE		10 U		10 U		12 U
1,4-DICHLOROBENZENE		10 U		10 U		12 U
2,2'-OXYBIS(1-CHLOROPROPANE)						12 U
2,4,5-TRICHLOROPHENOL		25 U		25 U		30 U
2,4,6-TRICHLOROPHENOL		10 U		10 U		12 U
2,4-DICHLOROPHENOL		10 U		10 U		12 U
2,4-DIMETHYLPHENOL		10 U		10 U		12 U
2,4-DINITROPHENOL		25 U		25 U		30 U
2,4-DINITROTOLUENE		10 U		10 U		12 U
2,6-DINITROTOLUENE		10 U		10 U		12 U
2-CHLORONAPHTHALENE		10 U		10 U		12 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW1S	13GW1	13GW1	13GW1-2	13GW1-2	LS1GW13MW101
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW1	13MW1	13MW1	13MW1	13MW1	13MW1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		10 U		10 U		12 U
2-METHYLNAPHTHALENE		10 U		10 U		12 U
2-METHYLPHENOL		10 U		10 U		12 U
2-NITROANILINE		25 U		25 U		30 U
2-NITROPHENOL		10 U		10 U		12 U
3,3'-DICHLOROBENZIDINE		10 U		10 U		12 U
3-NITROANILINE		25 U		25 U		30 U
4,6-DINITRO-2-METHYLPHENOL		25 U		25 U		30 U
4-BROMOPHENYL PHENYL ETHER		10 U		10 U		12 U
4-CHLORO-3-METHYLPHENOL		10 U		10 U		12 U
4-CHLOROANILINE		10 U		10 U		12 U
4-CHLOROPHENYL PHENYL ETHER		10 U		10 U		12 U
4-METHYLPHENOL		10 U		10 U		12 U
4-NITROANILINE		25 U		25 U		30 U
4-NITROPHENOL		25 U		25 U		30 U
ACENAPHTHENE		10 U		10 U		12 U
ACENAPHTHYLENE		10 U		10 U		12 U
ANTHRACENE		10 U		10 U		12 U
BENZO(A)ANTHRACENE		10 U		10 U		12 U
BENZO(A)PYRENE		10 U		10 U		12 UJ
BENZO(B)FLUORANTHENE		10 U		10 U		12 UJ
BENZO(G,H,I)PERYLENE		10 U		10 U		12 UJ
BENZO(K)FLUORANTHENE		10 U		10 U		12 UJ
BENZOIC ACID		0.6 J		50 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW1S	13GW1	13GW1	13GW1-2	13GW1-2	LS1GW13MW101
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW1	13MW1	13MW1	13MW1	13MW1	13MW1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL		10 U		10 U		
BIS(2-CHLOROETHOXY)METHANE		10 U		10 U		12 U
BIS(2-CHLOROETHYL)ETHER		10 U		10 U		12 U
BIS(2-CHLOROISOPROPYL) ETHER		10 U		10 U		
BIS(2-ETHYLHEXYL)PHTHALATE		10 U		3 J		12 U
BUTYLBENZYL PHTHALATE		10 U		10 U		12 U
CARBAZOLE		10 U		10 U		12 U
CHRYSENE		10 U		10 U		12 U
DI-N-BUTYL PHTHALATE		10 U		10 U		12 UJ
DI-N-OCTYL PHTHALATE		10 U		10 U		12 UJ
DIBENZO(A,H)ANTHRACENE		10 U		10 U		12 UJ
DIBENZOFURAN		10 U		10 U		12 U
DIETHYL PHTHALATE		3 J		2 J		12 U
DIMETHYL PHTHALATE		10 U		10 U		12 U
FLUORANTHENE		10 U		10 U		12 U
FLUORENE		10 U		10 U		12 U
HEXACHLOROBENZENE		10 U		10 U		12 U
HEXACHLOROBUTADIENE		10 U		10 U		12 U
HEXACHLOROCYCLOPENTADIENE		10 U		10 U		12 U
HEXACHLOROETHANE		10 U		10 U		12 U
INDENO(1,2,3-CD)PYRENE		10 U		10 U		12 UJ
ISOPHORONE		10 U		10 U		12 U
N-NITROSO-DI-N-PROPYLAMINE		10 U		10 U		12 U
N-NITROSODIPHENYLAMINE		10 U		10 U		12 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW1S	13GW1	13GW1	13GW1-2	13GW1-2	LS1GW13MW101
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW1	13MW1	13MW1	13MW1	13MW1	13MW1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		10 U		10 U		12 U
NITROBENZENE		10 U		10 U		12 U
PENTACHLOROPHENOL		25 U		25 U		30 U
PHENANTHRENE		10 U		10 U		12 U
PHENOL		10 U		10 U		12 U
PYRENE		10 U		10 U		12 U
METALS (µg/L)						
ALUMINUM	30 U	14 U	14 U	33.5	15 U	54.4 U
ANTIMONY	25 U	15 U	15 U	13 U	15.6 U	2.5 U
ARSENIC	3 U	2.7 J	2 U	2.8	1.9 J	2.5 U
BARIUM	24.1	31.6 U	34.5 U	56.2	57.6	40.4
BERYLLIUM	1 U	1 U	1 U	1 U	1 U	0.19 U
BORON	1.8 R	50 U	50 U	59.8 J	53.6 J	
CADMIUM	2 U	2 UJ	2 UJ	3 U	3 U	0.22 U
CALCIUM	17900	23900	26200	35300	36300	26500
CHROMIUM	5 U	3 U	3 U	4 U	4 U	3.1 U
COBALT	5 U	4 U	4 U	5 U	5 U	2.9 U
COPPER	5 U	2.6 J	2.3 J	5 U	5 U	1.6
CYANIDE	5 UJ					
IRON	5650	2970	2740	2810	2460	1160
LEAD	2 UJ	1 UJ	1 UJ	2 U	7.7 J	1.3 U
MAGNESIUM	2930	4330 J	4700 J	5630	5780	4840
MANGANESE	1090	471	457	366	369	396
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.02 U

50005

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW1S	13GW1	13GW1	13GW1-2	13GW1-2	LS1GW13MW101
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW1	13MW1	13MW1	13MW1	13MW1	13MW1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	27.2 J	10 U	10 U	11 U	11 U	9.0 U
POTASSIUM	3070	4300 J	4340 J	6220	6480	5690
SELENIUM	1 U	3 UJ	3 UJ	2 UJ	2 UJ	1.9 U
SILVER	7 U	2 U	2 U	2 U	2 U	2.8 U
SODIUM	18200	27800	30100	61200	63000	40800
THALLIUM	2 U	1 UJ	1 UJ	10 U	10 U	4.8 U
VANADIUM	20 U	5 U	5 U	4 U	4 U	2.9 U
ZINC	28 J	21.2	15.7 U	18.3	18.2	9.8 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	3000 U	500 U		500 U		1000 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)						8.04
REDOX POTENTIAL (MV)						-20.4
SALINITY (PPT)						0.17
SPECIFIC CONDUCTIVITY (MS/CM)						0.354
TEMPERATURE (C)						17.11
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)						62
AMMONIA, AS NITROGEN (MG/L)						0.20
CHLORIDE (MG/L)						58
DIVALENT IRON (MG/L)						1.2
HARDNESS AS CaCO3 (MG/L)		84		110		88
METHANE (UG/L)						64
NITRATE, AS NITROGEN (MG/L)						0.97 J

90000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW1S	13GW1	13GW1	13GW1-2	13GW1-2	LS1GW13MW101
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW1	13MW1	13MW1	13MW1	13MW1	13MW1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)						0.10 U
SULFATE (MG/L)						34
TOTAL ORGANIC CARBON (MG/L)						22 J
TURBIDITY (NTU)						4.4
GENERAL CHEMISTRY						
PH						6.34

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUP005	LS1GW13MW101-F	DUP005-F	13GW18	13GW18	13GW18-2
INVESTIGATION:	1997RI	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/10/97	11/10/97	11/10/97	03/05/94	03/05/94	06/21/94
LOCATION:	13MW1	13MW1	13MW1	13MW18	13MW18	13MW18
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:	LS1GW13MW101		LS1GW13MW101-F			
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE				10 U		10 U
1,1,2,2-TETRACHLOROETHANE				10 U		10 U
1,1,2-TRICHLOROETHANE				10 U		10 U
1,1-DICHLOROETHANE				10 U		10 U
1,1-DICHLOROETHENE				10 U		10 U
1,2-DICHLOROETHANE				10 U		10 U
1,2-DICHLOROETHENE (TOTAL)				10 U		10 U
1,2-DICHLOROPROPANE				10 U		10 U
2-BUTANONE				10 U		10 U
2-HEXANONE				10 U		10 U
4-METHYL-2-PENTANONE				10 U		10 U
ACETONE				10 U		17 U
BENZENE				10 U		10 U
BROMODICHLOROMETHANE				10 U		10 U
BROMOFORM				10 U		10 U
BROMOMETHANE				10 U		10 U
CARBON DISULFIDE				10 U		10 U
CARBON TETRACHLORIDE				10 U		10 U
CHLOROBENZENE				10 U		10 U
CHLOROETHANE				10 U		10 U
CHLOROFORM				10 U		10 U
CHLOROMETHANE				10 U		10 U
CIS-1,3-DICHLOROPROPENE				10 U		10 U
DIBROMOCHLOROMETHANE				10 U		10 U

00008

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUP005	LS1GW13MW101-F	DUP005-F	13GW18	13GW18	13GW18-2
INVESTIGATION:	1997RI	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/10/97	11/10/97	11/10/97	03/05/94	03/05/94	06/21/94
LOCATION:	13MW1	13MW1	13MW1	13MW18	13MW18	13MW18
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:	LS1GW13MW101		LS1GW13MW101-F			
VOLATILES (µg/L)						
ETHYLBENZENE				10 U		10 U
METHYLENE CHLORIDE				10 U		10 U
STYRENE				10 U		10 U
TETRACHLOROETHENE				10 U		10 U
TOLUENE				10 U		10 U
TRANS-1,3-DICHLOROPROPENE				10 U		10 U
TRICHLOROETHENE				10 U		10 U
VINYL ACETATE				10 U		10 UJ
VINYL CHLORIDE				10 U		10 U
XYLENES, TOTAL				10 U		10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	11 U			10 U		10 UJ
1,2-DICHLOROBENZENE	11 U			10 U		10 UJ
1,3-DICHLOROBENZENE	11 U			10 U		10 UJ
1,4-DICHLOROBENZENE	11 U			10 U		10 UJ
2,2'-OXYBIS(1-CHLOROPROPANE)	11 U					
2,4,5-TRICHLOROPHENOL	28 U			25 U		25 UJ
2,4,6-TRICHLOROPHENOL	11 U			10 U		10 UJ
2,4-DICHLOROPHENOL	11 U			10 U		10 UJ
2,4-DIMETHYLPHENOL	11 U			10 U		10 UJ
2,4-DINITROPHENOL	28 U			25 U		25 UJ
2,4-DINITROTOLUENE	11 U			10 U		10 UJ
2,6-DINITROTOLUENE	11 U			10 U		10 UJ
2-CHLORONAPHTHALENE	11 U			10 U		10 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUP005	LS1GW13MW101-F	DUP005-F	13GW18	13GW18	13GW18-2
INVESTIGATION:	1997RI	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/10/97	11/10/97	11/10/97	03/05/94	03/05/94	06/21/94
LOCATION:	13MW1	13MW1	13MW1	13MW18	13MW18	13MW18
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:	LS1GW13MW101		LS1GW13MW101-F			
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	11 U			10 U		10 UJ
2-METHYLNAPHTHALENE	11 U			10 U		10 UJ
2-METHYLPHENOL	11 U			10 U		10 UJ
2-NITROANILINE	28 U			25 U		25 UJ
2-NITROPHENOL	11 U			10 U		10 UJ
3,3'-DICHLOROBENZIDINE	11 U			10 UJ		10 UJ
3-NITROANILINE	28 U			25 U		25 UJ
4,6-DINITRO-2-METHYLPHENOL	28 U			25 U		25 UJ
4-BROMOPHENYL PHENYL ETHER	11 U			10 U		10 UJ
4-CHLORO-3-METHYLPHENOL	11 U			10 U		10 UJ
4-CHLOROANILINE	11 U			10 U		10 UJ
4-CHLOROPHENYL PHENYL ETHER	11 U			10 U		10 UJ
4-METHYLPHENOL	11 U			10 U		10 UJ
4-NITROANILINE	28 U			25 UJ		25 UJ
4-NITROPHENOL	28 U			25 UJ		25 UJ
ACENAPHTHENE	11 U			10 U		10 UJ
ACENAPHTHYLENE	11 U			10 U		10 UJ
ANTHRACENE	11 U			10 U		10 UJ
BENZO(A)ANTHRACENE	11 U			10 U		10 UJ
BENZO(A)PYRENE	11 U			10 U		10 U
BENZO(B)FLUORANTHENE	11 U			10 U		10 U
BENZO(G,H,I)PERYLENE	11 U			10 U		10 U
BENZO(K)FLUORANTHENE	11 U			10 U		10 U
BENZOIC ACID				50 UJ		50 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUP005	LS1GW13MW101-F	DUP005-F	13GW18	13GW18	13GW18-2
INVESTIGATION:	1997RI	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/10/97	11/10/97	11/10/97	03/05/94	03/05/94	06/21/94
LOCATION:	13MW1	13MW1	13MW1	13MW18	13MW18	13MW18
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:	LS1GW13MW101		LS1GW13MW101-F			
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL				10 U		10 U
BIS(2-CHLOROETHOXY)METHANE	11 U			10 U		10 UJ
BIS(2-CHLOROETHYL)ETHER	11 U			10 U		10 UJ
BIS(2-CHLOROISOPROPYL) ETHER				10 U		10 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	11 UJ			10 U		10 UJ
BUTYLBENZYL PHTHALATE	11 U			10 U		10 UJ
CARBAZOLE	11 U			10 UJ		10 UJ
CHRYSENE	11 U			10 U		10 UJ
DI-N-BUTYL PHTHALATE	11 U			10 U		10 UJ
DI-N-OCTYL PHTHALATE	11 U			10 U		10 U
DIBENZO(A,H)ANTHRACENE	11 U			10 U		10 U
DIBENZOFURAN	11 U			10 U		10 UJ
DIETHYL PHTHALATE	1 J			10 U		1 J
DIMETHYL PHTHALATE	11 U			10 U		10 UJ
FLUORANTHENE	11 U			10 U		10 UJ
FLUORENE	11 U			10 U		10 UJ
HEXACHLOROBENZENE	11 U			10 U		10 UJ
HEXACHLOROBUTADIENE	11 U			10 U		10 UJ
HEXACHLOROCYCLOPENTADIENE	11 U			10 U		10 UJ
HEXACHLOROETHANE	11 U			10 U		10 UJ
INDENO(1,2,3-CD)PYRENE	11 U			10 U		10 U
ISOPHORONE	11 U			10 U		10 UJ
N-NITROSO-DI-N-PROPYLAMINE	11 U			10 U		10 UJ
N-NITROSODIPHENYLAMINE	11 U			10 U		10 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUP005	LS1GW13MW101-F	DUP005-F	13GW18	13GW18	13GW18-2
INVESTIGATION:	1997RI	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/10/97	11/10/97	11/10/97	03/05/94	03/05/94	06/21/94
LOCATION:	13MW1	13MW1	13MW1	13MW18	13MW18	13MW18
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:	LS1GW13MW101		LS1GW13MW101-F			
SEMIVOLATILES (µg/L)						
NAPHTHALENE	11 U			10 U		10 UJ
NITROBENZENE	11 U			10 U		10 UJ
PENTACHLOROPHENOL	28 U			25 U		25 UJ
PHENANTHRENE	11 U			10 U		10 UJ
PHENOL	11 U			10 U		10 UJ
PYRENE	11 U			10 U		10 UJ
METALS (µg/L)						
ALUMINUM	41.6 U	38.6 U	21.4 U	16.5 U	42.3 U	88.7 J
ANTIMONY	2.5 U	2.5 U	2.5 U	15 U	15 U	13 UJ
ARSENIC	2.5 U	2.5 U	2.5 U	2 UJ	2 UJ	4.4 J
BARIUM	40.2	41.2	41.5	111	95	29.2 J
BERYLLIUM	0.19 U	0.19 U	0.19 U	1 U	1 U	1 UJ
BORON				65.1 J	53.3 J	50 UJ
CADMIUM	0.22 U	0.22 U	0.22 U	2 U	2 U	3 UJ
CALCIUM	26800	27000	27500	88000	78600	23600 J
CHROMIUM	3.1 U	3.1 U	3.1 U	4.4 U	3 U	4 UJ
COBALT	3.1 J	2.9 U	2.9 U	4 U	4 U	5 UJ
COPPER	1.8 J	1.5 U	1.5 U	2 UJ	2.4 J	5 UJ
IRON	1350	1280	1360	2880	3090	7350 J
LEAD	1.3 U	1.3 U	1.3 U	2 UJ	2 U	2 UJ
MAGNESIUM	4740	4780	4870	11600	10300	3800 J
MANGANESE	363	349	370	380	359	347 J
MERCURY	0.04 U	0.01 U	0.01 U	0.2 U	0.2 U	0.2 U
NICKEL	9.0 U	9.0 U	9.0 U	18.5 J	10 U	11 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUP005	LS1GW13MW101-F	DUP005-F	13GW18	13GW18	13GW18-2
INVESTIGATION:	1997RI	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/10/97	11/10/97	11/10/97	03/05/94	03/05/94	06/21/94
LOCATION:	13MW1	13MW1	13MW1	13MW18	13MW18	13MW18
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:	LS1GW13MW101		LS1GW13MW101-F			
METALS (µg/L)						
POTASSIUM	6010	5760	5830	9590	8100	4050 J
SELENIUM	1.9 U	2.8 U	1.9 U	3 UJ	3 U	2 UJ
SILVER	3.4 J	2.8 U	2.8 U	2 U	2 U	2 UJ
SODIUM	42800	45300	45100	223000	192000	69200 J
THALLIUM	4.8 U	4.8 U	4.8 U	1 UJ	10 UJ	10 UJ
VANADIUM	2.9 U	2.9 U	3.2 U	5 U	5 U	5.1 J
ZINC	9.3 U	10.6 U	10.2 U	13.2 U	9.3 U	7.3 J
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1000 U			500 U		1100
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	61					
AMMONIA, AS NITROGEN (MG/L)	0.21					
CHLORIDE (MG/L)	56					
HARDNESS AS CaCO3 (MG/L)	86			278		76
METHANE (UG/L)	57					
NITRATE, AS NITROGEN (MG/L)	1.2 J					
PHOSPHORUS (MG/L)	0.39 J					
SULFATE (MG/L)	34					
TOTAL ORGANIC CARBON (MG/L)	18 J					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW18-2	LS1GW13MW1801	LS1GW13MW1801-F	13GW19	13GW19	13GW19-2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	06/21/94	11/12/97	11/12/97	03/05/94	03/05/94	06/23/94
LOCATION:	13MW18	13MW18	13MW18	13MW19	13MW19	13MW19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE				10 U		10 U
1,1,2,2-TETRACHLOROETHANE				10 U		10 U
1,1,2-TRICHLOROETHANE				10 U		10 U
1,1-DICHLOROETHANE				3 J		10 U
1,1-DICHLOROETHENE				10 U		10 U
1,2-DICHLOROETHANE				10 U		10 U
1,2-DICHLOROETHENE (TOTAL)				10 U		10 U
1,2-DICHLOROPROPANE				10 U		10 U
2-BUTANONE				10 U		10 U
2-HEXANONE				10 U		10 U
4-METHYL-2-PENTANONE				10 U		10 U
ACETONE				28 U		14 U
BENZENE				10 U		10 U
BROMODICHLOROMETHANE				10 U		10 U
BROMOFORM				10 U		10 U
BROMOMETHANE				10 U		10 U
CARBON DISULFIDE				1 J		10 U
CARBON TETRACHLORIDE				10 U		10 U
CHLOROBENZENE				10 U		10 U
CHLOROETHANE				10 U		10 U
CHLOROFORM				10 U		10 U
CHLOROMETHANE				10 U		10 U
CIS-1,3-DICHLOROPROPENE				10 U		10 U
DIBROMOCHLOROMETHANE				10 U		10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW18-2	LS1GW13MW1801	LS1GW13MW1801-F	13GW19	13GW19	13GW19-2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	06/21/94	11/12/97	11/12/97	03/05/94	03/05/94	06/23/94
LOCATION:	13MW18	13MW18	13MW18	13MW19	13MW19	13MW19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE				11		10 U
METHYLENE CHLORIDE				10 U		10 U
STYRENE				10 U		10 U
TETRACHLOROETHENE				10 U		10 U
TOLUENE				10 U		10 U
TRANS-1,3-DICHLOROPROPENE				10 U		10 U
TRICHLOROETHENE				10 U		10 U
VINYL ACETATE				10 U		10 UJ
VINYL CHLORIDE				10 U		10 U
XYLENES, TOTAL				44		10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		12 U		10 U		10 U
1,2-DICHLOROBENZENE		12 U		10 U		10 U
1,3-DICHLOROBENZENE		12 U		10 U		10 U
1,4-DICHLOROBENZENE		12 U		10 U		10 U
2,2'-OXYBIS(1-CHLOROPROPANE)		12 U				
2,4,5-TRICHLOROPHENOL		30 U		25 U		25 U
2,4,6-TRICHLOROPHENOL		12 U		10 U		10 U
2,4-DICHLOROPHENOL		12 U		10 U		10 U
2,4-DIMETHYLPHENOL		12 U		10 U		10 U
2,4-DINITROPHENOL		30 U		25 U		25 U
2,4-DINITROTOLUENE		12 U		10 U		10 U
2,6-DINITROTOLUENE		12 U		10 U		10 U
2-CHLORONAPHTHALENE		12 U		10 U		10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW18-2	LS1GW13MW1801	LS1GW13MW1801-F	13GW19	13GW19	13GW19-2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	06/21/94	11/12/97	11/12/97	03/05/94	03/05/94	06/23/94
LOCATION:	13MW18	13MW18	13MW18	13MW19	13MW19	13MW19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		12 U		10 U		10 U
2-METHYLNAPHTHALENE		12 U		1 J		10 U
2-METHYLPHENOL		12 U		10 U		10 U
2-NITROANILINE		30 U		25 U		25 U
2-NITROPHENOL		12 U		10 U		10 U
3,3'-DICHLOROBENZIDINE		12 U		10 U		10 U
3-NITROANILINE		30 U		25 U		25 U
4,6-DINITRO-2-METHYLPHENOL		30 U		25 U		25 U
4-BROMOPHENYL PHENYL ETHER		12 U		10 U		10 U
4-CHLORO-3-METHYLPHENOL		12 U		10 U		10 U
4-CHLOROANILINE		12 U		10 UJ		10 U
4-CHLOROPHENYL PHENYL ETHER		12 U		10 U		10 U
4-METHYLPHENOL		12 U		4 J		2 J
4-NITROANILINE		30 U		25 U		25 U
4-NITROPHENOL		30 U		25 U		25 U
ACENAPHTHENE		12 U		10 U		10 U
ACENAPHTHYLENE		12 U		10 U		10 U
ANTHRACENE		12 U		10 U		10 U
BENZO(A)ANTHRACENE		12 U		10 U		10 U
BENZO(A)PYRENE		12 U		10 U		10 U
BENZO(B)FLUORANTHENE		12 U		10 U		10 U
BENZO(G,H,I)PERYLENE		12 U		10 U		10 U
BENZO(K)FLUORANTHENE		12 U		10 U		10 U
BENZOIC ACID				50 U		50 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW18-2	LS1GW13MW1801	LS1GW13MW1801-F	13GW19	13GW19	13GW19-2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	06/21/94	11/12/97	11/12/97	03/05/94	03/05/94	06/23/94
LOCATION:	13MW18	13MW18	13MW18	13MW19	13MW19	13MW19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL				10 U		10 U
BIS(2-CHLOROETHOXY)METHANE		12 U		10 U		10 U
BIS(2-CHLOROETHYL)ETHER		12 U		10 U		10 U
BIS(2-CHLOROISOPROPYL) ETHER				10 U		10 U
BIS(2-ETHYLHEXYL)PHTHALATE		12 U		10 U		10 U
BUTYLBENZYL PHTHALATE		12 U		10 U		10 U
CARBAZOLE		12 U		10 U		10 U
CHRYSENE		12 U		10 U		10 U
DI-N-BUTYL PHTHALATE		12 U		10 U		10 U
DI-N-OCTYL PHTHALATE		12 U		10 U		10 U
DIBENZO(A,H)ANTHRACENE		12 U		10 U		10 U
DIBENZOFURAN		12 U		10 U		10 U
DIETHYL PHTHALATE		1 J		10 U		10 U
DIMETHYL PHTHALATE		12 U		10 U		10 U
FLUORANTHENE		12 U		10 U		10 U
FLUORENE		12 U		10 U		10 U
HEXACHLOROBENZENE		12 U		10 U		10 U
HEXACHLOROBUTADIENE		12 U		10 U		10 U
HEXACHLOROCYCLOPENTADIENE		12 U		10 U		10 U
HEXACHLOROETHANE		12 U		10 U		10 U
INDENO(1,2,3-CD)PYRENE		12 U		10 U		10 U
ISOPHORONE		12 U		10 U		10 U
N-NITROSO-DI-N-PROPYLAMINE		12 U		10 U		10 U
N-NITROSODIPHENYLAMINE		12 U		10 U		10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW18-2	LS1GW13MW1801	LS1GW13MW1801-F	13GW19	13GW19	13GW19-2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	06/21/94	11/12/97	11/12/97	03/05/94	03/05/94	06/23/94
LOCATION:	13MW18	13MW18	13MW18	13MW19	13MW19	13MW19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		12 U		1 J		10 U
NITROBENZENE		12 U		10 U		10 U
PENTACHLOROPHENOL		30 U		25 U		25 U
PHENANTHRENE		12 U		10 U		10 U
PHENOL		12 U		10 U		10 U
PYRENE		12 U		10 U		10 U
METALS (µg/L)						
ALUMINUM	28.2 J	105 U	36.5 U	26100	18700	1360
ANTIMONY	13 U	2.5 U	2.5 U	15 U	15 U	13 U
ARSENIC	4.3	3.4 J	2.5 U	13.9 J	24.8 J	2.6
BARIUM	28.8	44.0	44.6	24.3	7.1 U	2.9 U
BERYLLIUM	1 U	0.11 U	0.11 UJ	1.3 J	1 J	1 U
BORON	50 U			172	160	99.4 J
CADMIUM	3 U	0.24 U	0.22 U	2 U	2 U	3 U
CALCIUM	25900	11900	12200	8680	5810	15500
CHROMIUM	4 U	1.5 U	0.85 J	14 U	9.3	4 U
COBALT	5 U	1.9	1.9	4 U	4 U	5 U
COPPER	5 U	4.8 U	3.6 U	68.4 J	44.2	5 U
IRON	7350	2680	2880	3060	537	311
LEAD	2 U	2.1 J	1.3 U	39.3 J	12.8	2 UJ
MAGNESIUM	3950	1770	1820	1260 U	251	5050
MANGANESE	346	107	110	73.4	10.6 U	12.5
MERCURY	0.2 U	0.04 U	0.02 U	0.97	0.31 J	0.2 U
NICKEL	11 U	6.6	5.9	14.8 J	10 U	11 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW18-2	LS1GW13MW1801	LS1GW13MW1801-F	13GW19	13GW19	13GW19-2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	06/21/94	11/12/97	11/12/97	03/05/94	03/05/94	06/23/94
LOCATION:	13MW18	13MW18	13MW18	13MW19	13MW19	13MW19
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
POTASSIUM	4300	2680	2710	5260	4520	6440
SELENIUM	2 UJ	1.9 U	1.9 U	30 UJ	3 U	2 U
SILVER	2 U	1.1 U	1.1 U	2 U	2 U	2 U
SODIUM	70500	48900	51400	307000	289000	253000
THALLIUM	10 U	4.8 U	4.8 U	1 UJ	1 UJ	10 U
VANADIUM	4.7 J	3.2	2.6	689	593	17.9
ZINC	5.4 J	57.6	60.5	121	20	6.5
PETROLEUM HYDROCARBONS (µg/L)						
TPH		1000 U		2100		500 U
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)		64				
AMMONIA, AS NITROGEN (MG/L)		0.55				
CHLORIDE (MG/L)		52				
DIVALENT IRON (MG/L)		2.6				
HARDNESS AS CaCO3 (MG/L)		37		30		60
METHANE (UG/L)		3600				
NITRATE, AS NITROGEN (MG/L)		0.056 J				
PHOSPHORUS (MG/L)		0.92 J				
SULFATE (MG/L)		1.0 U				
TOTAL ORGANIC CARBON (MG/L)		23 J				
TURBIDITY (NTU)		8.1				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW19-2	LS1GW13MW1901	LS1GW13MW1901-F	011691-13MW2S	13GW2	13GW2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/23/94	11/11/97	11/11/97	01/16/91	03/06/94	03/06/94
LOCATION:	13MW19	13MW19	13MW19	13MW2	13MW2	13MW2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE				5 U	10 U	
1,1,2,2-TETRACHLOROETHANE				5 U	10 U	
1,1,2-TRICHLOROETHANE				5 U	10 U	
1,1-DICHLOROETHANE				5 U	10 U	
1,1-DICHLOROETHENE				5 U	10 U	
1,2-DICHLOROETHANE				5 U	10 U	
1,2-DICHLOROETHENE (TOTAL)				5 U	10 U	
1,2-DICHLOROPROPANE				5 U	10 U	
2-BUTANONE				10 U	10 U	
2-HEXANONE				10 U	10 U	
4-METHYL-2-PENTANONE				10 U	10 U	
ACETONE				10 U	10 U	
BENZENE				5 U	3 J	
BROMODICHLOROMETHANE				5 U	10 U	
BROMOFORM				5 U	10 U	
BROMOMETHANE				10 U	10 U	
CARBON DISULFIDE				5 U	10 U	
CARBON TETRACHLORIDE				5 U	10 U	
CHLOROBENZENE				5 U	10 U	
CHLOROETHANE				10 U	10 U	
CHLOROFORM				5 U	10 U	
CHLOROMETHANE				10 U	10 U	
CIS-1,3-DICHLOROPROPENE				5 U	10 U	
DIBROMOCHLOROMETHANE				5 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW19-2	LS1GW13MW1901	LS1GW13MW1901-F	011691-13MW2S	13GW2	13GW2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/23/94	11/11/97	11/11/97	01/16/91	03/06/94	03/06/94
LOCATION:	13MW19	13MW19	13MW19	13MW2	13MW2	13MW2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE				8	10 U	
METHYLENE CHLORIDE				5 U	10 U	
STYRENE				5 U	10 U	
TETRACHLOROETHENE				5 U	10 U	
TOLUENE				5 U	10 U	
TRANS-1,3-DICHLOROPROPENE				5 U	10 U	
TRICHLOROETHENE				5 U	10 U	
VINYL ACETATE				10 U	10 U	
VINYL CHLORIDE				10 U	10 U	
XYLENES, TOTAL				5 U	10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		11 U			10 U	
1,2-DICHLOROBENZENE		11 U			10 U	
1,3-DICHLOROBENZENE		11 U			10 U	
1,4-DICHLOROBENZENE		11 U			10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)		11 U				
2,4,5-TRICHLOROPHENOL		28 U			25 U	
2,4,6-TRICHLOROPHENOL		11 U			10 U	
2,4-DICHLOROPHENOL		11 U			10 U	
2,4-DIMETHYLPHENOL		11 U			10 U	
2,4-DINITROPHENOL		28 U			25 U	
2,4-DINITROTOLUENE		11 U			10 U	
2,6-DINITROTOLUENE		11 U			10 U	
2-CHLORONAPHTHALENE		11 U			10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW19-2	LS1GW13MW1901	LS1GW13MW1901-F	011691-13MW2S	13GW2	13GW2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/23/94	11/11/97	11/11/97	01/16/91	03/06/94	03/06/94
LOCATION:	13MW19	13MW19	13MW19	13MW2	13MW2	13MW2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		11 U			10 U	
2-METHYLNAPHTHALENE		11 U			47	
2-METHYLPHENOL		11 U			10 U	
2-NITROANILINE		28 U			25 U	
2-NITROPHENOL		11 U			10 U	
3,3'-DICHLOROBENZIDINE		11 U			10 U	
3-NITROANILINE		28 U			25 U	
4,6-DINITRO-2-METHYLPHENOL		28 U			25 U	
4-BROMOPHENYL PHENYL ETHER		11 U			10 U	
4-CHLORO-3-METHYLPHENOL		11 U			10 U	
4-CHLOROANILINE		11 U			10 U	
4-CHLOROPHENYL PHENYL ETHER		11 U			10 U	
4-METHYLPHENOL		11 U			10 U	
4-NITROANILINE		28 U			25 U	
4-NITROPHENOL		28 U			25 U	
ACENAPHTHENE		11 U			10 J	
ACENAPHTHYLENE		11 U			1 J	
ANTHRACENE		11 U			2 J	
BENZO(A)ANTHRACENE		11 U			10 U	
BENZO(A)PYRENE		11 U			10 U	
BENZO(B)FLUORANTHENE		11 U			10 U	
BENZO(G,H,I)PERYLENE		11 U			10 U	
BENZO(K)FLUORANTHENE		11 U			10 U	
BENZOIC ACID					50 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW19-2	LS1GW13MW1901	LS1GW13MW1901-F	011691-13MW2S	13GW2	13GW2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/23/94	11/11/97	11/11/97	01/16/91	03/06/94	03/06/94
LOCATION:	13MW19	13MW19	13MW19	13MW2	13MW2	13MW2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL					10 U	
BIS(2-CHLOROETHOXY)METHANE		11 U			10 U	
BIS(2-CHLOROETHYL)ETHER		11 U			10 U	
BIS(2-CHLOROISOPROPYL) ETHER					10 U	
BIS(2-ETHYLHEXYL)PHTHALATE		11 U			10 U	
BUTYLBENZYL PHTHALATE		11 U			10 U	
CARBAZOLE		11 U			1 J	
CHRYSENE		11 U			10 U	
DI-N-BUTYL PHTHALATE		11 U			0.6 J	
DI-N-OCTYL PHTHALATE		11 U			10 U	
DIBENZO(A,H)ANTHRACENE		11 U			10 U	
DIBENZOFURAN		11 U			11	
DIETHYL PHTHALATE		11 U			10 U	
DIMETHYL PHTHALATE		11 U			10 U	
FLUORANTHENE		11 U			2 J	
FLUORENE		11 U			15	
HEXACHLOROBENZENE		11 U			10 U	
HEXACHLOROBUTADIENE		11 U			10 U	
HEXACHLOROCYCLOPENTADIENE		11 U			10 U	
HEXACHLOROETHANE		11 U			10 U	
INDENO(1,2,3-CD)PYRENE		11 U			10 U	
ISOPHORONE		11 U			10 U	
N-NITROSO-DI-N-PROPYLAMINE		11 U			10 U	
N-NITROSODIPHENYLAMINE		11 U			10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW19-2	LS1GW13MW1901	LS1GW13MW1901-F	011691-13MW2S	13GW2	13GW2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/23/94	11/11/97	11/11/97	01/16/91	03/06/94	03/06/94
LOCATION:	13MW19	13MW19	13MW19	13MW2	13MW2	13MW2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		11 U			28	
NITROBENZENE		11 U			10 U	
PENTACHLOROPHENOL		28 U			25 U	
PHENANTHRENE		11 U			9 J	
PHENOL		11 U			10 U	
PYRENE		11 U			1 J	
METALS (µg/L)						
ALUMINUM	740	1370	1140	30 U	14 U	30.1 U
ANTIMONY	13 U	2.5 U	2.5 U	25 U	15 U	15 U
ARSENIC	2.3	4.6 J	5.2	5	4 J	3.2 J
BARIUM	1.4 U	3.5	28.4	45.7	80.5 J	77.1 J
BERYLLIUM	1 U	0.11 U	0.11 U	1 U	1 U	1 U
BORON	97 J			0.7 R	50 U	50 U
CADMIUM	3 U	0.22 U	0.22 U	2 U	2 UJ	2 UJ
CALCIUM	15500	7100	6850	30600	61900	58800
CHROMIUM	4 U	1.2 U	0.94 U	5 U	3 U	3 U
COBALT	5 U	0.80 U	0.80 U	5 U	4 U	4 U
COPPER	5 U	6.3	5.0 U	5 U	2 U	2 U
CYANIDE				5 UJ		
IRON	127	316	239 U	11600	8050	7520
LEAD	2 UJ	2.4 J	2.1 J	2.2 J	1 UJ	1 UJ
MAGNESIUM	4990	1880	1750	3150	6340	6080
MANGANESE	8.4	9.6	8.3	697	560	539
MERCURY	0.2 U	0.24	0.20	0.2 U	0.2 U	0.2 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW19-2	LS1GW13MW1901	LS1GW13MW1901-F	011691-13MW2S	13GW2	13GW2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/23/94	11/11/97	11/11/97	01/16/91	03/06/94	03/06/94
LOCATION:	13MW19	13MW19	13MW19	13MW2	13MW2	13MW2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	11 U	3.2	3.1	19.7 J	10 U	10 U
POTASSIUM	6860	8220	7730	4700	7210 J	7160 J
SELENIUM	2 U	1.9 U	1.9 U	1 U	3 UJ	3 UJ
SILVER	2 U	1.1 U	1.1 U	7 U	2 U	2 U
SODIUM	256000	305000	278000	14800 J	58900	56700
THALLIUM	10 U	4.8 U	4.8 U	2 U	10 UJ	10 UJ
VANADIUM	15.4 J	49.7	46.0	20 U	5 U	5 U
ZINC	3 U	10.8 U	14.9 U	13.4 J	5.8 U	3.3 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH		1000 U		3000 U	1100	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)		1.32				
REDOX POTENTIAL (MV)		-216.3				
SALINITY (PPT)		0.67				
SPECIFIC CONDUCTIVITY (MS/CM)		1.456				
TEMPERATURE (C)		42.59				
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)		140				
AMMONIA, AS NITROGEN (MG/L)		1.2				
CHLORIDE (MG/L)		280				
DIVALENT IRON (MG/L)		0.0				
HARDNESS AS CaCO3 (MG/L)		24			174	
METHANE (UG/L)		150				
NITRATE, AS NITROGEN (MG/L)		0.15 J				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW19-2	LS1GW13MW1901	LS1GW13MW1901-F	011691-13MW2S	13GW2	13GW2
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/23/94	11/11/97	11/11/97	01/16/91	03/06/94	03/06/94
LOCATION:	13MW19	13MW19	13MW19	13MW2	13MW2	13MW2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)		1.4 J				
SULFATE (MG/L)		140				
TOTAL ORGANIC CARBON (MG/L)		25 J				
TURBIDITY (NTU)		6.3				
GENERAL CHEMISTRY						
PH		9.09				

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW2-2	13GW2-2	LS1GW13MW201	LS1GW13MW201-F	13GW20	13GW20-D
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH2-1	PH2-1
SAMPLE DATE:	06/22/94	06/22/94	11/11/97	11/11/97	03/05/94	03/05/94
LOCATION:	13MW2	13MW2	13MW2	13MW2	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13MW20
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U				10 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U				10 U	10 U
1,1,2-TRICHLOROETHANE	10 U				10 U	10 U
1,1-DICHLOROETHANE	10 U				10 U	10 U
1,1-DICHLOROETHENE	10 U				10 U	10 U
1,2-DICHLOROETHANE	10 U				10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U				10 U	10 U
1,2-DICHLOROPROPANE	10 U				10 U	10 U
2-BUTANONE	10 U				10 U	10 U
2-HEXANONE	10 U				10 U	10 U
4-METHYL-2-PENTANONE	10 U				10 U	10 U
ACETONE	10 U				10 U	10 U
BENZENE	3 J				10 U	10 U
BROMODICHLOROMETHANE	10 U				10 U	10 U
BROMOFORM	10 U				10 U	10 U
BROMOMETHANE	10 U				10 U	10 U
CARBON DISULFIDE	10 U				10 U	10 U
CARBON TETRACHLORIDE	10 U				10 U	10 U
CHLOROBENZENE	10 U				10 U	10 U
CHLOROETHANE	10 U				10 U	10 U
CHLOROFORM	10 U				10 U	10 U
CHLOROMETHANE	10 U				10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U				10 U	10 U
DIBROMOCHLOROMETHANE	10 U				10 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW2-2	13GW2-2	LS1GW13MW201	LS1GW13MW201-F	13GW20	13GW20-D
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH2-1	PH2-1
SAMPLE DATE:	06/22/94	06/22/94	11/11/97	11/11/97	03/05/94	03/05/94
LOCATION:	13MW2	13MW2	13MW2	13MW2	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13MW20
VOLATILES (µg/L)						
ETHYLBENZENE	10 U				10 U	10 U
METHYLENE CHLORIDE	10 U				10 U	10 U
STYRENE	10 U				10 U	10 U
TETRACHLOROETHENE	10 U				10 U	10 U
TOLUENE	10 U				10 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U				10 U	10 U
TRICHLOROETHENE	10 U				10 U	10 U
VINYL ACETATE	10 UJ				10 U	10 U
VINYL CHLORIDE	10 U				10 U	10 U
XYLENES, TOTAL	10 U				10 U	10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U		11 U		10 U	10 U
1,2-DICHLOROBENZENE	10 U		11 U		10 U	10 U
1,3-DICHLOROBENZENE	10 U		11 U		10 U	10 U
1,4-DICHLOROBENZENE	10 U		11 U		10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)			11 U			
2,4,5-TRICHLOROPHENOL	25 U		28 U		25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U		11 U		10 U	10 U
2,4-DICHLOROPHENOL	10 U		11 U		10 U	10 U
2,4-DIMETHYLPHENOL	10 U		11 U		10 U	10 U
2,4-DINITROPHENOL	25 U		28 U		25 U	25 U
2,4-DINITROTOLUENE	10 U		11 U		10 U	10 U
2,6-DINITROTOLUENE	10 U		11 U		10 U	10 U
2-CHLORONAPHTHALENE	10 U		11 U		10 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW2-2	13GW2-2	LS1GW13MW201	LS1GW13MW201-F	13GW20	13GW20-D
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH2-1	PH2-1
SAMPLE DATE:	06/22/94	06/22/94	11/11/97	11/11/97	03/05/94	03/05/94
LOCATION:	13MW2	13MW2	13MW2	13MW2	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13MW20
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U		11 U		10 U	10 U
2-METHYLNAPHTHALENE	24		4 J		1 J	1 J
2-METHYLPHENOL	10 U		11 U		10 U	10 U
2-NITROANILINE	25 U		28 U		25 U	25 U
2-NITROPHENOL	10 U		11 U		10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U		11 U		10 UJ	10 UJ
3-NITROANILINE	25 U		28 U		25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U		28 U		25 U	25 U
4-BROMOPHENYL PHENYL ETHER	10 U		11 U		10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U		11 U		10 U	10 U
4-CHLOROANILINE	10 U		11 U		10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	10 U		11 U		10 U	10 U
4-METHYLPHENOL	10 U		11 U		10 U	10 U
4-NITROANILINE	25 U		28 U		25 UJ	25 UJ
4-NITROPHENOL	25 U		28 U		25 UJ	25 UJ
ACENAPHTHENE	3 J		7 J		1 J	1 J
ACENAPHTHYLENE	10 U		11 U		10 U	10 U
ANTHRACENE	1 J		2 J		10 U	10 U
BENZO(A)ANTHRACENE	10 U		11 U		10 U	10 U
BENZO(A)PYRENE	10 U		11 U		10 U	10 U
BENZO(B)FLUORANTHENE	10 U		11 U		10 U	10 U
BENZO(G,H,I)PERYLENE	10 U		11 U		10 U	10 U
BENZO(K)FLUORANTHENE	10 U		11 U		10 U	10 U
BENZOIC ACID	50 U				50 UJ	50 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW2-2	13GW2-2	LS1GW13MW201	LS1GW13MW201-F	13GW20	13GW20-D
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH2-1	PH2-1
SAMPLE DATE:	06/22/94	06/22/94	11/11/97	11/11/97	03/05/94	03/05/94
LOCATION:	13MW2	13MW2	13MW2	13MW2	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13MW20
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U				10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	10 U		11 U		10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U		11 U		10 U	10 U
BIS(2-CHLOROISOPROPYL) ETHER	10 U				10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U		11 U		10 U	10 U
BUTYLBENZYL PHTHALATE	10 U		2 J		10 U	10 U
CARBAZOLE	10 U		11 U		1 J	1 J
CHRYSENE	10 U		11 U		10 U	10 U
DI-N-BUTYL PHTHALATE	10 U		11 U		10 U	10 U
DI-N-OCTYL PHTHALATE	10 U		1 J		10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U		11 U		10 U	10 U
DIBENZOFURAN	4 J		8 J		1 J	1 J
DIETHYL PHTHALATE	1 J		11 U		10 U	10 U
DIMETHYL PHTHALATE	10 U		11 U		10 U	10 U
FLUORANTHENE	0.9 J		2 J		10 U	10 U
FLUORENE	6 J		12		1 J	1 J
HEXACHLOROBENZENE	10 U		11 U		10 U	10 U
HEXACHLOROBUTADIENE	10 U		11 U		10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U		11 U		10 U	10 U
HEXACHLOROETHANE	10 U		11 U		10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U		11 U		10 U	10 U
ISOPHORONE	10 U		11 U		10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U		11 U		10 U	10 U
N-NITROSODIPHENYLAMINE	10 U		11 U		10 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW2-2	13GW2-2	LS1GW13MW201	LS1GW13MW201-F	13GW20	13GW20-D
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH2-1	PH2-1
SAMPLE DATE:	06/22/94	06/22/94	11/11/97	11/11/97	03/05/94	03/05/94
LOCATION:	13MW2	13MW2	13MW2	13MW2	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13MW20
SEMIVOLATILES (µg/L)						
NAPHTHALENE	13		23		1 J	1 J
NITROBENZENE	10 U		11 U		10 U	10 U
PENTACHLOROPHENOL	25 U		28 U		25 U	25 U
PHENANTHRENE	4 J		9 J		1 J	1 J
PHENOL	10 U		11 U		10 U	10 U
PYRENE	0.7 J		2 J		10 U	10 U
METALS (µg/L)						
ALUMINUM	23.5 J	20 J	82.9 U	27.9 U	307 U	342 U
ANTIMONY	13 U	13 U	2.5 U	2.5 U	15 U	15 U
ARSENIC	1.5 J	1.2 J	2.5 U	2.5 U	2 UJ	2 UJ
BARIUM	52.6	52.4	55.1	54.6	32.2	32.3
BERYLLIUM	1 U	1 U	0.19 U	0.19 U	1 U	1 U
BORON	52.9 J	52.9 J			116	116
CADMIUM	3 U	3 U	0.22 U	0.22 U	2 U	2 U
CALCIUM	35700	36400	34700	35000	30400	30600
CHROMIUM	4 U	4 U	3.1 U	3.1 U	3 U	3 U
COBALT	5 U	5 U	2.9 U	2.9 U	4 U	4 U
COPPER	5 U	5 U	1.5 U	1.5 U	3.7 J	7 J
IRON	3190	3160	8200	8490	428	459
LEAD	2 U	2 UJ	1.3 U	1.3 U	4.3 J	5.5 J
MAGNESIUM	4090	4130	3700	3450	5800 U	5710 U
MANGANESE	167	167	198	222	316	317
MERCURY	0.2 U	0.2 U	0.07 U	0.04 U	0.2 U	0.2 U
NICKEL	11 U	11 U	9.0 U	9.0 U	10 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW2-2	13GW2-2	LS1GW13MW201	LS1GW13MW201-F	13GW20	13GW20-D
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH2-1	PH2-1
SAMPLE DATE:	06/22/94	06/22/94	11/11/97	11/11/97	03/05/94	03/05/94
LOCATION:	13MW2	13MW2	13MW2	13MW2	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13MW20
METALS (µg/L)						
POTASSIUM	6460	6870	6200	6180	7090	6790
SELENIUM	2 UJ	2 U	3.2 U	1.9 U	3 UJ	3 UJ
SILVER	2 U	2 U	2.8 U	2.8 U	2 U	2 U
SODIUM	75600	75800	38300	34600	199000	197000
THALLIUM	1 UJ	1 UJ	4.8 U	4.8 UJ	10 UJ	10 UJ
VANADIUM	4 U	4 U	2.9 U	2.9 U	5.1 J	5 U
ZINC	4 J	3.4 J	5.6 U	6.3 U	9.3 U	14.3 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	600		1000 U		500 U	500 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			8.43			
REDOX POTENTIAL (MV)			-126.2			
SALINITY (PPT)			0.17			
SPECIFIC CONDUCTIVITY (MS/CM)			0.361			
TEMPERATURE (C)			17.76			
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			120			
AMMONIA, AS NITROGEN (MG/L)			0.85			
CHLORIDE (MG/L)			40			
DIVALENT IRON (MG/L)			0.4			
HARDNESS AS CaCO3 (MG/L)	112		100		104	104
METHANE (UG/L)			4100			
NITRATE, AS NITROGEN (MG/L)			0.14 J			
PHOSPHORUS (MG/L)			0.58 J			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW2-2	13GW2-2	LS1GW13MW201	LS1GW13MW201-F	13GW20	13GW20-D
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH2-1	PH2-1
SAMPLE DATE:	06/22/94	06/22/94	11/11/97	11/11/97	03/05/94	03/05/94
LOCATION:	13MW2	13MW2	13MW2	13MW2	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13MW20
MISCELLANEOUS PARAMETERS						
SULFATE (MG/L)			13			
TOTAL ORGANIC CARBON (MG/L)			24 J			
TURBIDITY (NTU)			3.9			
GENERAL CHEMISTRY						
PH			6.33			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW20	13GW20-D	13GW20-2	13GW20-2	LS1GW13MW2001	LS1GW13MW2001-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW20	13MW20	13MW20	13MW20	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		13MW20-DISS				
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE			10 U			
1,1,2,2-TETRACHLOROETHANE			10 U			
1,1,2-TRICHLOROETHANE			10 U			
1,1-DICHLOROETHANE			10 U			
1,1-DICHLOROETHENE			10 U			
1,2-DICHLOROETHANE			10 U			
1,2-DICHLOROETHENE (TOTAL)			10 U			
1,2-DICHLOROPROPANE			10 U			
2-BUTANONE			10 U			
2-HEXANONE			10 U			
4-METHYL-2-PENTANONE			10 U			
ACETONE			10 U			
BENZENE			10 U			
BROMODICHLOROMETHANE			10 U			
BROMOFORM			10 U			
BROMOMETHANE			10 U			
CARBON DISULFIDE			10 U			
CARBON TETRACHLORIDE			10 U			
CHLOROBENZENE			10 U			
CHLOROETHANE			10 U			
CHLOROFORM			10 U			
CHLOROMETHANE			10 U			
CIS-1,3-DICHLOROPROPENE			10 U			
DIBROMOCHLOROMETHANE			10 U			

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW20	13GW20-D	13GW20-2	13GW20-2	LS1GW13MW2001	LS1GW13MW2001-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW20	13MW20	13MW20	13MW20	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		13MW20-DISS				
VOLATILES (µg/L)						
ETHYLBENZENE			10 U			
METHYLENE CHLORIDE			10 U			
STYRENE			10 U			
TETRACHLOROETHENE			10 U			
TOLUENE			10 U			
TRANS-1,3-DICHLOROPROPENE			10 U			
TRICHLOROETHENE			10 U			
VINYL ACETATE			10 UJ			
VINYL CHLORIDE			10 U			
XYLENES, TOTAL			10 U			
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			10 U		11 U	
1,2-DICHLOROBENZENE			10 U		11 U	
1,3-DICHLOROBENZENE			10 U		11 U	
1,4-DICHLOROBENZENE			10 U		11 U	
2,2'-OXYBIS(1-CHLOROPROPANE)					11 U	
2,4,5-TRICHLOROPHENOL			25 U		28 U	
2,4,6-TRICHLOROPHENOL			10 U		11 U	
2,4-DICHLOROPHENOL			10 U		11 U	
2,4-DIMETHYLPHENOL			10 U		11 U	
2,4-DINITROPHENOL			25 U		28 U	
2,4-DINITROTOLUENE			10 U		11 U	
2,6-DINITROTOLUENE			10 U		11 U	
2-CHLORONAPHTHALENE			10 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW20	13GW20-D	13GW20-2	13GW20-2	LS1GW13MW2001	LS1GW13MW2001-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW20	13MW20	13MW20	13MW20	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		13MW20-DISS				
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL			10 U		11 U	
2-METHYLNAPHTHALENE			1 J		11 U	
2-METHYLPHENOL			10 U		11 U	
2-NITROANILINE			25 U		28 U	
2-NITROPHENOL			10 U		11 U	
3,3'-DICHLOROBENZIDINE			10 U		11 U	
3-NITROANILINE			25 U		28 U	
4,6-DINITRO-2-METHYLPHENOL			25 U		28 U	
4-BROMOPHENYL PHENYL ETHER			10 U		11 U	
4-CHLORO-3-METHYLPHENOL			10 U		11 U	
4-CHLOROANILINE			10 U		11 U	
4-CHLOROPHENYL PHENYL ETHER			10 U		11 U	
4-METHYLPHENOL			10 U		2 J	
4-NITROANILINE			25 U		28 U	
4-NITROPHENOL			25 U		28 U	
ACENAPHTHENE			3 J		0.9 J	
ACENAPHTHYLENE			10 U		11 U	
ANTHRACENE			10 U		11 U	
BENZO(A)ANTHRACENE			10 U		11 U	
BENZO(A)PYRENE			10 U		11 U	
BENZO(B)FLUORANTHENE			10 U		11 U	
BENZO(G,H,I)PERYLENE			10 U		11 U	
BENZO(K)FLUORANTHENE			10 U		11 U	
BENZOIC ACID			50 U			

9000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW20	13GW20-D	13GW20-2	13GW20-2	LS1GW13MW2001	LS1GW13MW2001-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW20	13MW20	13MW20	13MW20	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		13MW20-DISS				
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL			10 U			
BIS(2-CHLOROETHOXY)METHANE			10 U		11 U	
BIS(2-CHLOROETHYL)ETHER			10 U		11 U	
BIS(2-CHLOROISOPROPYL) ETHER			10 U			
BIS(2-ETHYLHEXYL)PHTHALATE			0.9 J		11 U	
BUTYLBENZYL PHTHALATE			10 U		11 U	
CARBAZOLE			1 J		0.6 J	
CHRYSENE			10 U		11 U	
DI-N-BUTYL PHTHALATE			10 U		11 U	
DI-N-OCTYL PHTHALATE			10 U		11 U	
DIBENZO(A,H)ANTHRACENE			10 U		11 U	
DIBENZOFURAN			4 J		1 J	
DIETHYL PHTHALATE			10 U		0.8 J	
DIMETHYL PHTHALATE			10 U		11 U	
FLUORANTHENE			0.7 J		11 U	
FLUORENE			4 J		2 J	
HEXACHLOROBENZENE			10 U		11 U	
HEXACHLOROBUTADIENE			10 U		11 U	
HEXACHLOROCYCLOPENTADIENE			10 U		11 U	
HEXACHLOROETHANE			10 U		11 U	
INDENO(1,2,3-CD)PYRENE			10 U		11 U	
ISOPHORONE			10 U		11 U	
N-NITROSO-DI-N-PROPYLAMINE			10 U		11 U	
N-NITROSODIPHENYLAMINE			10 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW20	13GW20-D	13GW20-2	13GW20-2	LS1GW13MW2001	LS1GW13MW2001-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW20	13MW20	13MW20	13MW20	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		13MW20-DISS				
SEMIVOLATILES (µg/L)						
NAPHTHALENE			10 U		11 U	
NITROBENZENE			10 U		11 U	
PENTACHLOROPHENOL			25 U		28 U	
PHENANTHRENE			10 U		2 J	
PHENOL			10 U		5 J	
PYRENE			0.5 J		11 U	
METALS (µg/L)						
ALUMINUM	83.5 U	88.7 U	159	30.5	3650	2980 J
ANTIMONY	15 U	15 U	13 U	13 U	6.6	8.0
ARSENIC	2 UJ	2 UJ	2.7	2 J	12.4	11.3
BARIUM	29.9 U	28.2 U	28.1	28.1	136	138
BERYLLIUM	1 U	1 U	1 U	1 U	0.11 U	0.11 UJ
BORON	116 J	102 J	129	131		
CADMIUM	2 U	2 U	3 U	3 U	0.27 U	0.24 U
CALCIUM	30400	30300	19900	19900	58000	61300
CHROMIUM	3 J	3.8 J	4 U	4 U	4.8	3.5
COBALT	4 U	4 U	5 U	5 U	0.80 U	0.80 U
COPPER	3.5 J	4.4	5 U	5 U	156	120
IRON	204	339	563	375	935	470
LEAD	2 U	2 U	2.6 J	2 UJ	55.7	36.3
MAGNESIUM	5710	5580	4480	4590	16000	17200
MANGANESE	298	292	385	383	99.8	88.1
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.24	0.18 U
NICKEL	10 U	10 U	11 U	11 U	6.0	4.7

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW20	13GW20-D	13GW20-2	13GW20-2	LS1GW13MW2001	LS1GW13MW2001-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW20	13MW20	13MW20	13MW20	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		13MW20-DISS				
METALS (µg/L)						
POTASSIUM	6560	6930	6840	7430	41200	43400
SELENIUM	3 U	3 U	2 UJ	2 U	1.9 U	1.9 U
SILVER	3 U	2 U	2 U	2 U	1.6 J	1.2 J
SODIUM	193000	191000	176000	181000	749000 J	804000 J
THALLIUM	10 UJ	10 UJ	10 U	10 U	4.8 U	4.8 U
VANADIUM	5 U	5 U	4 U	4 U	43.9	46.1
ZINC	4.7 U	5 U	7.9	3 U	60.6	27.7
PETROLEUM HYDROCARBONS (µg/L)						
TPH			600		1000 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)					1.89	
REDOX POTENTIAL (MV)					-271.7	
SALINITY (PPT)					2.65	
SPECIFIC CONDUCTIVITY (MS/CM)					4.966	
TEMPERATURE (C)					38.51	
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)					190	
AMMONIA, AS NITROGEN (MG/L)					1.5	
CHLORIDE (MG/L)					1200	
DIVALENT IRON (MG/L)					0	
HARDNESS AS CaCO3 (MG/L)			64		240	
METHANE (UG/L)					440	
NITRATE, AS NITROGEN (MG/L)					0.16 J	
PHOSPHORUS (MG/L)					2.7 J	

00039

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW20	13GW20-D	13GW20-2	13GW20-2	LS1GW13MW2001	LS1GW13MW2001-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW20	13MW20	13MW20	13MW20	13MW20	13MW20
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		13MW20-DISS				
MISCELLANEOUS PARAMETERS						
SULFATE (MG/L)					270	
TOTAL ORGANIC CARBON (MG/L)					1.6 J	
TURBIDITY (NTU)					18	
GENERAL CHEMISTRY						
PH					9.08	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW21	13GW21	13GW21-2	13GW21-2	LS1GW13MW2101	LS1GW13MW2101-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW21	13MW21	13MW21	13MW21	13MW21	13MW21
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U		10 U			
1,1,2,2-TETRACHLOROETHANE	10 U		10 U			
1,1,2-TRICHLOROETHANE	10 U		10 U			
1,1-DICHLOROETHANE	10 U		10 U			
1,1-DICHLOROETHENE	10 U		10 U			
1,2-DICHLOROETHANE	10 U		10 U			
1,2-DICHLOROETHENE (TOTAL)	10 U		10 U			
1,2-DICHLOROPROPANE	10 U		10 U			
2-BUTANONE	10 U		10 U			
2-HEXANONE	10 U		10 U			
4-METHYL-2-PENTANONE	10 U		10 U			
ACETONE	13 U		10 U			
BENZENE	10 U		10 U			
BROMODICHLOROMETHANE	10 U		10 U			
BROMOFORM	10 U		10 U			
BROMOMETHANE	10 U		10 U			
CARBON DISULFIDE	10 U		10 U			
CARBON TETRACHLORIDE	10 U		10 U			
CHLOROBENZENE	10 U		10 U			
CHLOROETHANE	10 U		10 U			
CHLOROFORM	10 U		10 U			
CHLOROMETHANE	10 U		10 U			
CIS-1,3-DICHLOROPROPENE	10 U		10 U			
DIBROMOCHLOROMETHANE	10 U		10 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW21	13GW21	13GW21-2	13GW21-2	LS1GW13MW2101	LS1GW13MW2101-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW21	13MW21	13MW21	13MW21	13MW21	13MW21
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	2 J		10 U			
METHYLENE CHLORIDE	10 U		10 U			
STYRENE	10 U		10 U			
TETRACHLOROETHENE	10 U		10 U			
TOLUENE	10 U		10 U			
TRANS-1,3-DICHLOROPROPENE	10 U		10 U			
TRICHLOROETHENE	10 U		10 U			
VINYL ACETATE	10 U		10 UJ			
VINYL CHLORIDE	10 U		10 U			
XYLENES, TOTAL	8 J		10 U			
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U		10 U		12 U	
1,2-DICHLOROBENZENE	10 U		10 U		12 U	
1,3-DICHLOROBENZENE	10 U		10 U		12 U	
1,4-DICHLOROBENZENE	10 U		10 U		12 U	
2,2'-OXYBIS(1-CHLOROPROPANE)					12 U	
2,4,5-TRICHLOROPHENOL	25 U		25 U		30 U	
2,4,6-TRICHLOROPHENOL	10 U		10 U		12 U	
2,4-DICHLOROPHENOL	10 U		10 U		12 U	
2,4-DIMETHYLPHENOL	10 U		10 U		12 U	
2,4-DINITROPHENOL	25 U		25 U		30 U	
2,4-DINITROTOLUENE	10 U		10 U		12 U	
2,6-DINITROTOLUENE	10 U		10 U		12 U	
2-CHLORONAPHTHALENE	10 U		10 U		12 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW21	13GW21	13GW21-2	13GW21-2	LS1GW13MW2101	LS1GW13MW2101-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW21	13MW21	13MW21	13MW21	13MW21	13MW21
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U		10 U		12 U	
2-METHYLNAPHTHALENE	10 U		10 U		12 U	
2-METHYLPHENOL	10 U		10 U		12 U	
2-NITROANILINE	25 U		25 U		30 U	
2-NITROPHENOL	10 U		10 U		12 U	
3,3'-DICHLOROBENZIDINE	10 U		10 U		12 U	
3-NITROANILINE	25 U		25 U		30 U	
4,6-DINITRO-2-METHYLPHENOL	25 U		25 U		30 U	
4-BROMOPHENYL PHENYL ETHER	10 U		10 U		12 U	
4-CHLORO-3-METHYLPHENOL	10 U		10 U		12 U	
4-CHLOROANILINE	10 U		10 U		12 U	
4-CHLOROPHENYL PHENYL ETHER	10 U		10 U		12 U	
4-METHYLPHENOL	1 J		10 U		12 U	
4-NITROANILINE	25 UJ		25 U		30 U	
4-NITROPHENOL	25 UJ		25 U		30 U	
ACENAPHTHENE	10 U		10 U		12 U	
ACENAPHTHYLENE	10 U		10 U		12 U	
ANTHRACENE	10 U		10 U		12 U	
BENZO(A)ANTHRACENE	10 U		10 U		12 U	
BENZO(A)PYRENE	10 U		10 U		12 U	
BENZO(B)FLUORANTHENE	10 U		10 U		12 U	
BENZO(G,H,I)PERYLENE	10 U		10 U		12 U	
BENZO(K)FLUORANTHENE	10 U		10 U		12 U	
BENZOIC ACID	50 U		50 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW21	13GW21	13GW21-2	13GW21-2	LS1GW13MW2101	LS1GW13MW2101-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW21	13MW21	13MW21	13MW21	13MW21	13MW21
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U		10 U			
BIS(2-CHLOROETHOXY)METHANE	10 U		10 U		12 U	
BIS(2-CHLOROETHYL)ETHER	10 U		10 U		12 U	
BIS(2-CHLOROISOPROPYL) ETHER	10 U		10 U			
BIS(2-ETHYLHEXYL)PHTHALATE	10 U		10 U		12 U	
BUTYLBENZYL PHTHALATE	10 U		10 U		12 U	
CARBAZOLE	10 UJ		10 U		12 U	
CHRYSENE	10 U		10 U		12 U	
DI-N-BUTYL PHTHALATE	1 J		10 U		12 U	
DI-N-OCTYL PHTHALATE	10 U		10 U		12 U	
DIBENZO(A,H)ANTHRACENE	10 U		10 U		12 U	
DIBENZOFURAN	10 U		10 U		12 U	
DIETHYL PHTHALATE	10 U		10 U		12 U	
DIMETHYL PHTHALATE	10 U		10 U		12 U	
FLUORANTHENE	10 U		10 U		12 U	
FLUORENE	10 U		10 U		12 U	
HEXACHLOROBENZENE	10 U		10 U		12 U	
HEXACHLOROBUTADIENE	10 U		10 U		12 U	
HEXACHLOROCYCLOPENTADIENE	10 U		10 U		12 U	
HEXACHLOROETHANE	10 U		10 U		12 U	
INDENO(1,2,3-CD)PYRENE	10 U		10 U		12 U	
ISOPHORONE	10 U		10 U		12 U	
N-NITROSO-DI-N-PROPYLAMINE	10 U		10 U		12 U	
N-NITROSODIPHENYLAMINE	10 U		10 U		12 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW21	13GW21	13GW21-2	13GW21-2	LS1GW13MW2101	LS1GW13MW2101-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW21	13MW21	13MW21	13MW21	13MW21	13MW21
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE	10 U		10 U		12 U	
NITROBENZENE	10 U		10 U		12 U	
PENTACHLOROPHENOL	25 U		25 U		30 U	
PHENANTHRENE	10 U		10 U		12 U	
PHENOL	10 U		10 U		12 U	
PYRENE	10 U		10 U		12 U	
METALS (µg/L)						
ALUMINUM	9550 J	7160	219	63.4	14100	13400
ANTIMONY	15 U	15 U	13 U	13 U	2.5 U	2.6 J
ARSENIC	16.8 J	12.8 J	1.8 J	2	9.1	8.6
BARIUM	9.6	5 U	4 U	3.3 U	9.6	9.4
BERYLLIUM	1 U	1 U	1 U	1 U	0.11 U	0.11 U
BORON	110	105 J	61.1	56.1 J		
CADMIUM	2 U	2 U	3 U	3 U	0.22 U	0.22 U
CALCIUM	6510	5730	39900	38400	6380	6380
CHROMIUM	3.3 U	3.3 J	4 U	4 U	4.0	3.6 U
COBALT	4 U	4 U	5 U	5 U	0.80 U	1.4 J
COPPER	53.3 J	20.6	5 U	5 U	16.9	15.6
IRON	771	299	43.1	24.8 U	1460	1150
LEAD	36.1	13.5	2 J	2 UJ	27.4	21.9
MAGNESIUM	399 U	195	4820	4790	226 U	161 U
MANGANESE	21.5	8.3 U	10.7	10.4	24.1	17.7
MERCURY	0.43	0.35 J	0.2 U	0.2 U	0.12 U	0.11 U
NICKEL	10.4 J	10 U	11 U	11 U	7.3	7.1

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW21	13GW21	13GW21-2	13GW21-2	LS1GW13MW2101	LS1GW13MW2101-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW21	13MW21	13MW21	13MW21	13MW21	13MW21
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
POTASSIUM	4360	4120	4700	4920	2790	2940
SELENIUM	30 UJ	3 UJ	2 U	2 U	1.9 U	1.9 U
SILVER	2 U	2.5 U	2 U	2 U	1.1 U	1.1 U
SODIUM	266000	262000	88900	88200	368000	348000
THALLIUM	1 UJ	1 UJ	1 UJ	10 U	4.8 U	4.8 U
VANADIUM	210	205	19.2	20.3	48.3	47.5
ZINC	26.5 U	8.7 U	3 U	3 U	14.3 U	18.3 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	700		500 U		1100 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)					0.74	
REDOX POTENTIAL (MV)					-323.4 R	
SALINITY (PPT)					1.03	
SPECIFIC CONDUCTIVITY (MS/CM)					2.151	
TEMPERATURE (C)					64.63	
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)					370	
AMMONIA, AS NITROGEN (MG/L)					0.41	
CHLORIDE (MG/L)					170	
DIVALENT IRON (MG/L)					0	
HARDNESS AS CaCO3 (MG/L)	20		112		16	
METHANE (UG/L)					5.4 U	
NITRATE, AS NITROGEN (MG/L)					0.14 J	
PHOSPHORUS (MG/L)					3.8 J	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW21	13GW21	13GW21-2	13GW21-2	LS1GW13MW2101	LS1GW13MW2101-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/05/94	03/05/94	06/22/94	06/22/94	11/11/97	11/11/97
LOCATION:	13MW21	13MW21	13MW21	13MW21	13MW21	13MW21
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
SULFATE (MG/L)					240	
TOTAL ORGANIC CARBON (MG/L)					40 J	
TURBIDITY (NTU)					19	
GENERAL CHEMISTRY						
PH					10.25	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW3S	13GW3	13GW3	13GW3-2	13GW3-2	LS1GW13MW301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW3	13MW3	13MW3	13MW3	13MW3	13MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	5 U	10 U		10 U		
1,1,2,2-TETRACHLOROETHANE	5 U	10 U		10 U		
1,1,2-TRICHLOROETHANE	5 U	10 U		10 U		
1,1-DICHLOROETHANE	5 U	10 U		10 U		
1,1-DICHLOROETHENE	5 U	10 U		10 U		
1,2-DICHLOROETHANE	5 U	10 U		10 U		
1,2-DICHLOROETHENE (TOTAL)	5 U	10 U		10 U		
1,2-DICHLOROPROPANE	5 U	10 U		10 U		
2-BUTANONE	10 U	10 U		10 U		
2-HEXANONE	10 U	10 U		10 U		
4-METHYL-2-PENTANONE	10 U	10 U		10 U		
ACETONE	10 U	10 U		10 U		
BENZENE	5 U	10 U		10 U		
BROMODICHLOROMETHANE	5 U	10 U		10 U		
BROMOFORM	5 U	10 U		10 U		
BROMOMETHANE	10 U	10 U		10 U		
CARBON DISULFIDE	5 U	10 U		10 U		
CARBON TETRACHLORIDE	5 U	10 U		10 U		
CHLOROBENZENE	5 U	10 U		10 U		
CHLOROETHANE	10 U	10 U		10 U		
CHLOROFORM	5 U	10 U		10 U		
CHLOROMETHANE	10 U	10 U		10 U		
CIS-1,3-DICHLOROPROPENE	5 U	10 U		10 U		
DIBROMOCHLOROMETHANE	5 U	10 U		10 U		

00048

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW3S	13GW3	13GW3	13GW3-2	13GW3-2	LS1GW13MW301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW3	13MW3	13MW3	13MW3	13MW3	13MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	5 U	10 U		10 U		
METHYLENE CHLORIDE	5 U	10 U		10 U		
STYRENE	5 U	10 U		10 U		
TETRACHLOROETHENE	5 U	10 U		10 U		
TOLUENE	5 U	10 U		10 U		
TRANS-1,3-DICHLOROPROPENE	5 U	10 U		10 U		
TRICHLOROETHENE	5 U	10 U		10 U		
VINYL ACETATE	10 U	10 U		10 UJ		
VINYL CHLORIDE	10 U	10 U		10 U		
XYLENES, TOTAL	5 U	10 U		10 U		
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		10 U		10 UJ		11 U
1,2-DICHLOROBENZENE		10 U		10 UJ		11 U
1,3-DICHLOROBENZENE		10 U		0.5 J		11 U
1,4-DICHLOROBENZENE		10 U		10 UJ		11 U
2,2'-OXYBIS(1-CHLOROPROPANE)						11 U
2,4,5-TRICHLOROPHENOL		25 U		25 UJ		28 U
2,4,6-TRICHLOROPHENOL		10 U		10 UJ		11 U
2,4-DICHLOROPHENOL		10 U		10 UJ		11 U
2,4-DIMETHYLPHENOL		10 U		10 UJ		11 U
2,4-DINITROPHENOL		25 U		25 UJ		28 U
2,4-DINITROTOLUENE		10 U		10 UJ		11 U
2,6-DINITROTOLUENE		10 U		10 UJ		11 U
2-CHLORONAPHTHALENE		10 U		10 UJ		11 U

00049

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW3S	13GW3	13GW3	13GW3-2	13GW3-2	LS1GW13MW301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW3	13MW3	13MW3	13MW3	13MW3	13MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		10 U		10 UJ		11 U
2-METHYLNAPHTHALENE		10 U		10 UJ		11 U
2-METHYLPHENOL		10 U		10 UJ		11 U
2-NITROANILINE		25 U		25 UJ		28 U
2-NITROPHENOL		10 U		10 UJ		11 U
3,3'-DICHLOROBENZIDINE		10 U		10 UJ		11 U
3-NITROANILINE		25 U		25 UJ		28 U
4,6-DINITRO-2-METHYLPHENOL		25 U		25 UJ		28 U
4-BROMOPHENYL PHENYL ETHER		10 U		10 UJ		11 U
4-CHLORO-3-METHYLPHENOL		10 U		10 UJ		11 U
4-CHLOROANILINE		10 U		10 UJ		11 U
4-CHLOROPHENYL PHENYL ETHER		10 U		10 UJ		11 U
4-METHYLPHENOL		10 U		6 J		11 U
4-NITROANILINE		25 U		25 UJ		28 U
4-NITROPHENOL		25 U		25 UJ		28 U
ACENAPHTHENE		10 U		10 UJ		11 U
ACENAPHTHYLENE		10 U		10 UJ		11 U
ANTHRACENE		10 U		10 UJ		11 U
BENZO(A)ANTHRACENE		10 U		10 UJ		11 U
BENZO(A)PYRENE		10 U		10 UJ		11 U
BENZO(B)FLUORANTHENE		10 U		10 UJ		11 U
BENZO(G,H,I)PERYLENE		10 U		10 UJ		11 U
BENZO(K)FLUORANTHENE		10 U		10 UJ		11 U
BENZOIC ACID		50 U		50 U		

00050

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW3S	13GW3	13GW3	13GW3-2	13GW3-2	LS1GW13MW301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW3	13MW3	13MW3	13MW3	13MW3	13MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL		10 U		10 UJ		
BIS(2-CHLOROETHOXY)METHANE		10 U		10 UJ		11 U
BIS(2-CHLOROETHYL)ETHER		10 U		10 UJ		11 U
BIS(2-CHLOROISOPROPYL) ETHER		10 U		10 UJ		
BIS(2-ETHYLHEXYL)PHTHALATE		10 U		0.8 J		11 U
BUTYLBENZYL PHTHALATE		10 U		10 UJ		11 U
CARBAZOLE		10 U		10 UJ		11 U
CHRYSENE		10 U		10 UJ		11 U
DI-N-BUTYL PHTHALATE		10 U		10 UJ		11 UJ
DI-N-OCTYL PHTHALATE		10 U		10 UJ		11 UJ
DIBENZO(A,H)ANTHRACENE		10 U		10 UJ		11 U
DIBENZOFURAN		10 U		10 UJ		11 U
DIETHYL PHTHALATE		10 U		0.6 J		11 U
DIMETHYL PHTHALATE		10 U		10 UJ		11 U
FLUORANTHENE		10 U		10 UJ		11 U
FLUORENE		10 U		10 UJ		11 U
HEXACHLOROBENZENE		10 U		10 UJ		11 U
HEXACHLOROBUTADIENE		10 U		10 UJ		11 U
HEXACHLOROCYCLOPENTADIENE		10 U		10 UJ		11 U
HEXACHLOROETHANE		10 U		10 UJ		11 U
INDENO(1,2,3-CD)PYRENE		10 U		10 UJ		11 U
ISOPHORONE		10 U		10 UJ		11 U
N-NITROSO-DI-N-PROPYLAMINE		10 U		10 UJ		11 U
N-NITROSODIPHENYLAMINE		10 U		10 UJ		11 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW3S	13GW3	13GW3	13GW3-2	13GW3-2	LS1GW13MW301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW3	13MW3	13MW3	13MW3	13MW3	13MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		10 U		10 UJ		11 U
NITROBENZENE		10 U		10 UJ		11 U
PENTACHLOROPHENOL		25 U		25 UJ		28 U
PHENANTHRENE		10 U		10 UJ		11 U
PHENOL		10 U		28 J		11 U
PYRENE		10 U		10 UJ		11 U
METALS (µg/L)						
ALUMINUM	31	47.1 U	14.7 U	76.1	15 U	60.2 U
ANTIMONY	25 U	15 U	15 U	13 U	13 U	2.5 U
ARSENIC	3.7	2 U	2 U	1.6 J	1.8 J	2.5 U
BARIUM	24.3	57.6 J	55.2 J	47.5	43.6	58.8
BERYLLIUM	1 U	1 U	1 U	1 U	1 U	0.19 U
BORON	4.1 R	61.5	61.9	52 J	50 J	
CADMIUM	2 U	2 UJ	2 UJ	3 U	3 U	0.22 U
CALCIUM	27800	39200	37800	37500	36100	36900
CHROMIUM	5 U	3 U	3 U	4 U	4 U	3.1 U
COBALT	8.2	4 U	4 U	5 U	5 U	2.9 U
COPPER	5 U	2 U	2 U	5 U	5 U	1.5 U
CYANIDE	5 UJ					
IRON	5860	729	662	1140	1110	1280
LEAD	2 UJ	1 UJ	1 UJ	2 U	2 U	1.3 U
MAGNESIUM	4770	5490	5290	5040	4780	5430
MANGANESE	472	169	173	169	141	247
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.01 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW3S	13GW3	13GW3	13GW3-2	13GW3-2	LS1GW13MW301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW3	13MW3	13MW3	13MW3	13MW3	13MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	23.2 J	10 U	10 U	11 U	11 U	9.0 U
POTASSIUM	4810	6390 J	6350 J	6570	6270	7210
SELENIUM	1 U	3 UJ	3 UJ	2 UJ	2 U	1.9 U
SILVER	7 U	2 U	2 U	2 U	2 U	2.8 U
SODIUM	39200	49800	48300	44500	41200	63100
THALLIUM	2 U	1 UJ	1 UJ	10 U	10 U	5.4 J
VANADIUM	20 U	5 U	5 U	4 U	4 U	2.9 U
ZINC	18.3 J	10.2 U	4 U	6.1	3.7 J	10.6 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	3000 U	1500		1300		1000 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)						12.08
REDOX POTENTIAL (MV)						-82.3
SALINITY (PPT)						0.25
SPECIFIC CONDUCTIVITY (MS/CM)						0.524
TEMPERATURE (C)						18.99
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)						83
AMMONIA, AS NITROGEN (MG/L)						0.34
CHLORIDE (MG/L)						120
DIVALENT IRON (MG/L)						1.1
HARDNESS AS CaCO3 (MG/L)		118		108		120
METHANE (UG/L)						57
NITRATE, AS NITROGEN (MG/L)						0.11 J

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011691-13MW3S	13GW3	13GW3	13GW3-2	13GW3-2	LS1GW13MW301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/16/91	03/06/94	03/06/94	06/22/94	06/22/94	11/10/97
LOCATION:	13MW3	13MW3	13MW3	13MW3	13MW3	13MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)						0.11 J
SULFATE (MG/L)						26
TOTAL ORGANIC CARBON (MG/L)						4.7 J
TURBIDITY (NTU)						4.78
GENERAL CHEMISTRY						
PH						6.52

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GW13MW301-F	011791-13MW4S	011791-13MW5S	011591-13MW7S	011591-13MW27S	021191-13MW8
INVESTIGATION:	1997RI	PH1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/10/97	01/17/91	01/17/91	01/15/91	01/15/91	02/11/91
LOCATION:	13MW3	13MW4	13MW5	13MW7	13MW7	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:					011591-13MW7S	
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE		5 U	5 U	5 U	5 U	5 U
1,1,2,2-TETRACHLOROETHANE		5 U	5 U	5 U	5 U	5 U
1,1,2-TRICHLOROETHANE		5 U	5 U	5 U	5 U	5 U
1,1-DICHLOROETHANE		5 U	5 U	5 U	5 U	5 U
1,1-DICHLOROETHENE		5 U	5 U	5 U	5 U	5 U
1,2-DICHLOROETHANE		5 U	5 U	5 U	5 U	5 U
1,2-DICHLOROETHENE (TOTAL)		5 U	5 U	5 U	5 U	5 U
1,2-DICHLOROPROPANE		5 U	5 U	5 U	5 U	5 U
2-BUTANONE		10 U	10 U	10 U	10 U	10 U
2-HEXANONE		10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE		10 U	10 U	10 U	10 U	10 U
ACETONE		23 U	10 U	33 U	19 U	10 U
BENZENE		5 U	5 U	5 U	5 U	5 U
BROMODICHLOROMETHANE		5 U	5 U	5 U	5 U	5 U
BROMOFORM		5 U	5 U	5 U	5 U	5 U
BROMOMETHANE		10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE		5 U	5 U	5 U	1 J	5 U
CARBON TETRACHLORIDE		5 U	5 U	5 U	5 U	5 U
CHLOROBENZENE		5 U	5 U	5 U	5 U	5 U
CHLOROETHANE		10 U	10 U	10 U	10 U	10 U
CHLOROFORM		5 U	5 U	5 U	5 U	5 U
CHLOROMETHANE		10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE		5 U	5 U	5 U	5 U	5 U
DIBROMOCHLOROMETHANE		5 U	5 U	5 U	5 U	5 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GW13MW301-F	011791-13MW4S	011791-13MW5S	011591-13MW7S	011591-13MW27S	021191-13MW8
INVESTIGATION:	1997RI	PH1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/10/97	01/17/91	01/17/91	01/15/91	01/15/91	02/11/91
LOCATION:	13MW3	13MW4	13MW5	13MW7	13MW7	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:					011591-13MW7S	
VOLATILES (µg/L)						
ETHYLBENZENE		5 U	5 U	5 U	5 U	5 U
METHYLENE CHLORIDE		5 U	5 U	5 U	5 U	5 U
STYRENE		5 U	5 U	5 U	5 U	2 J
TETRACHLOROETHENE		5 U	5 U	5 U	5 U	5 U
TOLUENE		5 U	5 U	5 U	5 U	5 U
TRANS-1,3-DICHLOROPROPENE		5 U	5 U	5 U	5 U	5 U
TRICHLOROETHENE		5 U	5 U	5 U	5 U	5 U
VINYL ACETATE		10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE		10 U	10 U	10 U	10 U	10 U
XYLENES, TOTAL		5 U	5 U	5 U	5 U	5 U
METALS (µg/L)						
ALUMINUM	25.2 U	10600	178	625	638	89.3
ANTIMONY	2.5 U	25 U	25 U	25 U	25 U	10 U
ARSENIC	2.5 U	8.5	3 U	3 U	3 U	3 U
BARIUM	60.0	15 U	210	15 U	15 U	15 U
BERYLLIUM	0.19 U	1 U	1 U	1 U	1 U	1 U
BORON		18 R	1.8 R	4.3 R	4.3 R	6.79 R
CADMIUM	0.22 U	2 U	2 U	2 U	2 U	6.7 J
CALCIUM	37900	4820	53300	5330	5300	14900
CHROMIUM	3.1 U	5.9 J	5.1 J	8.7 J	11.6 J	5 UJ
COBALT	2.9 U	5 U	5 U	5 U	5 U	5 UJ
COPPER	6.3	15.6	5 U	10.4	9.5	9.2 J
CYANIDE		5 UJ	5 UJ	5 UJ	5 UJ	5 U
IRON	1140	984	3260	697	593	1230

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GW13MW301-F	011791-13MW4S	011791-13MW5S	011591-13MW7S	011591-13MW27S	021191-13MW8
INVESTIGATION:	1997RI	PH1	PH1	PH1	PH1	PH1
SAMPLE DATE:	11/10/97	01/17/91	01/17/91	01/15/91	01/15/91	02/11/91
LOCATION:	13MW3	13MW4	13MW5	13MW7	13MW7	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:					011591-13MW7S	
METALS (µg/L)						
LEAD	1.3 U	9.4 J	2 UJ	2 J	2.8 J	15.3
MAGNESIUM	5600	129	17200	3260	3250	10700
MANGANESE	252	10.2	344	58.3	58.1	433
MERCURY	0.03 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	9.0 U	23.5 J	22 J	19.6 J	17.8 J	7 UJ
POTASSIUM	7320	2090	12700	5130	5170	8720 J
SELENIUM	1.9 U	1 U	1 U	1 U	1 U	1
SILVER	2.8 U	7 U	7 U	7 U	7 U	7.4 J
SODIUM	65700	354000	177000	260000	258000	192000
THALLIUM	4.8 U	2 U	2 U	2 U	2 U	2 U
VANADIUM	2.9 U	22.6	20 U	20 U	20 U	20 U
ZINC	9.5 U	26.5 J	12.9 J	11.7 J	15.2 J	14.8
PETROLEUM HYDROCARBONS (µg/L)						
TPH		3000 U	3000 U	3000 U	3000 U	3000 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW8	13GW8	13GW8-2	13GW8-2-F	LS1GW13MW801	LS1GW13MW801-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/06/94	03/06/94	06/22/94	06/22/94	11/13/97	11/13/97
LOCATION:	13MW8	13MW8	13MW8	13MW8	13MW8	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U		10 U			
1,1,2,2-TETRACHLOROETHANE	10 U		10 U			
1,1,2-TRICHLOROETHANE	10 U		10 U			
1,1-DICHLOROETHANE	10 U		10 U			
1,1-DICHLOROETHENE	10 U		10 U			
1,2-DICHLOROETHANE	10 U		10 U			
1,2-DICHLOROETHENE (TOTAL)	10 U		10 U			
1,2-DICHLOROPROPANE	10 U		10 U			
2-BUTANONE	10 U		10 U			
2-HEXANONE	10 U		10 U			
4-METHYL-2-PENTANONE	10 U		10 U			
ACETONE	10 U		10 U			
BENZENE	10 U		10 U			
BROMODICHLOROMETHANE	10 U		10 U			
BROMOFORM	10 U		10 U			
BROMOMETHANE	10 U		10 U			
CARBON DISULFIDE	10 U		10 U			
CARBON TETRACHLORIDE	10 U		10 U			
CHLOROBENZENE	10 U		10 U			
CHLOROETHANE	10 U		10 U			
CHLOROFORM	10 U		10 U			
CHLOROMETHANE	10 U		10 U			
CIS-1,3-DICHLOROPROPENE	10 U		10 U			
DIBROMOCHLOROMETHANE	10 U		10 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW8	13GW8	13GW8-2	13GW8-2-F	LS1GW13MW801	LS1GW13MW801-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/06/94	03/06/94	06/22/94	06/22/94	11/13/97	11/13/97
LOCATION:	13MW8	13MW8	13MW8	13MW8	13MW8	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	10 U		10 U			
METHYLENE CHLORIDE	10 U		10 U			
STYRENE	10 U		10 U			
TETRACHLOROETHENE	10 U		10 U			
TOLUENE	10 U		10 U			
TRANS-1,3-DICHLOROPROPENE	10 U		10 U			
TRICHLOROETHENE	10 U		10 U			
VINYL ACETATE	10 U		10 UJ			
VINYL CHLORIDE	10 U		10 U			
XYLENES, TOTAL	10 U		10 U			
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U		10 U		11 U	
1,2-DICHLOROBENZENE	10 U		10 U		11 U	
1,3-DICHLOROBENZENE	10 U		10 U		11 U	
1,4-DICHLOROBENZENE	10 U		10 U		11 U	
2,2'-OXYBIS(1-CHLOROPROPANE)					11 U	
2,4,5-TRICHLOROPHENOL	25 U		25 U		28 U	
2,4,6-TRICHLOROPHENOL	10 U		10 U		11 U	
2,4-DICHLOROPHENOL	10 U		10 U		11 U	
2,4-DIMETHYLPHENOL	10 U		10 U		11 U	
2,4-DINITROPHENOL	25 U		25 U		28 U	
2,4-DINITROTOLUENE	10 U		10 U		11 U	
2,6-DINITROTOLUENE	10 U		10 U		11 U	
2-CHLORONAPHTHALENE	10 U		10 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW8	13GW8	13GW8-2	13GW8-2-F	LS1GW13MW801	LS1GW13MW801-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/06/94	03/06/94	06/22/94	06/22/94	11/13/97	11/13/97
LOCATION:	13MW8	13MW8	13MW8	13MW8	13MW8	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U		10 U		11 U	
2-METHYLNAPHTHALENE	10 U		10 U		11 U	
2-METHYLPHENOL	10 U		10 U		11 U	
2-NITROANILINE	25 U		25 U		28 U	
2-NITROPHENOL	10 U		10 U		11 U	
3,3'-DICHLOROBENZIDINE	10 U		10 U		11 U	
3-NITROANILINE	25 U		25 U		28 U	
4,6-DINITRO-2-METHYLPHENOL	25 U		25 U		28 U	
4-BROMOPHENYL PHENYL ETHER	10 U		10 U		11 U	
4-CHLORO-3-METHYLPHENOL	10 U		10 U		11 U	
4-CHLOROANILINE	10 U		10 U		11 U	
4-CHLOROPHENYL PHENYL ETHER	10 U		10 U		11 U	
4-METHYLPHENOL	10 U		10 U		11 U	
4-NITROANILINE	25 U		25 U		28 U	
4-NITROPHENOL	25 U		25 U		28 U	
ACENAPHTHENE	2 J		2 J		1 J	
ACENAPHTHYLENE	10 U		10 U		11 U	
ANTHRACENE	10 U		10 U		11 U	
BENZO(A)ANTHRACENE	10 U		10 U		11 U	
BENZO(A)PYRENE	10 U		10 U		11 U	
BENZO(B)FLUORANTHENE	10 U		10 U		11 U	
BENZO(G,H,I)PERYLENE	10 U		10 U		11 U	
BENZO(K)FLUORANTHENE	10 U		10 U		11 U	
BENZOIC ACID	50 U		50 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW8	13GW8	13GW8-2	13GW8-2-F	LS1GW13MW801	LS1GW13MW801-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/06/94	03/06/94	06/22/94	06/22/94	11/13/97	11/13/97
LOCATION:	13MW8	13MW8	13MW8	13MW8	13MW8	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U		10 U			
BIS(2-CHLOROETHOXY)METHANE	10 U		10 U		11 U	
BIS(2-CHLOROETHYL)ETHER	10 U		10 U		11 U	
BIS(2-CHLOROISOPROPYL) ETHER	10 U		10 U			
BIS(2-ETHYLHEXYL)PHTHALATE	10 U		10 U		11 U	
BUTYLBENZYL PHTHALATE	10 U		10 U		11 U	
CARBAZOLE	10 U		10 U		11 U	
CHRYSENE	10 U		10 U		11 U	
DI-N-BUTYL PHTHALATE	10 U		10 U		11 U	
DI-N-OCTYL PHTHALATE	10 U		10 U		11 U	
DIBENZO(A,H)ANTHRACENE	10 U		10 U		11 U	
DIBENZOFURAN	10 U		10 U		11 U	
DIETHYL PHTHALATE	10 U		10 U		0.6 J	
DIMETHYL PHTHALATE	10 U		10 U		11 U	
FLUORANTHENE	1 J		10 U		1 J	
FLUORENE	10 U		10 U		11 U	
HEXACHLOROBENZENE	10 U		10 U		11 U	
HEXACHLOROBUTADIENE	10 U		10 U		11 U	
HEXACHLOROCYCLOPENTADIENE	10 U		10 U		11 U	
HEXACHLOROETHANE	10 U		10 U		11 U	
INDENO(1,2,3-CD)PYRENE	10 U		10 U		11 U	
ISOPHORONE	10 U		10 U		11 U	
N-NITROSO-DI-N-PROPYLAMINE	10 U		10 U		11 U	
N-NITROSODIPHENYLAMINE	10 U		10 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW8	13GW8	13GW8-2	13GW8-2-F	LS1GW13MW801	LS1GW13MW801-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/06/94	03/06/94	06/22/94	06/22/94	11/13/97	11/13/97
LOCATION:	13MW8	13MW8	13MW8	13MW8	13MW8	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE	10 U		10 U		11 U	
NITROBENZENE	10 U		10 U		11 U	
PENTACHLOROPHENOL	25 U		25 U		28 U	
PHENANTHRENE	10 U		10 U		11 U	
PHENOL	10 U		10 U		11 U	
PYRENE	0.6 J		10 U		0.6 J	
METALS (µg/L)						
ALUMINUM	14 U	25.2 U	46.5 U	23.8 U	10.0 UJ	21.4 U
ANTIMONY	15 U	15 U	13 U	13 U	2.5 U	2.5 U
ARSENIC	2 U	2 U	3.5	2.5	2.5 U	2.5 U
BARIUM	21.4 U	5.4 U	6 U	4.1 U	3.6 U	3.4 U
BERYLLIUM	1 U	1 U	1 U	1 U	0.80 U	0.19 UJ
BORON	118	206	230	214		
CADMIUM	5 U	2 UJ	3 U	3 U	0.22 U	0.22 U
CALCIUM	11700	23400	34300	32200	37100	37300
CHROMIUM	3 U	3 U	4 U	4 U	1.4	3.1 U
COBALT	6.8	4 U	5 U	5 U	0.80 U	2.9 U
COPPER	2 U	2 U	5 U	5 U	3.1 U	1.5 UJ
IRON	82.1 J	710	1330	667	1010	1050
LEAD	2.5 J	1 UJ	2 UJ	2 UJ	1.3 U	1.3 U
MAGNESIUM	23800	28700	45300	41200	18000	21900
MANGANESE	32.7	1730	2290	1930	3540	3810
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.03 U	0.02 U
NICKEL	10 U	10 U	11 U	11 U	1.0 J	9.0 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW8	13GW8	13GW8-2	13GW8-2-F	LS1GW13MW801	LS1GW13MW801-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/06/94	03/06/94	06/22/94	06/22/94	11/13/97	11/13/97
LOCATION:	13MW8	13MW8	13MW8	13MW8	13MW8	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
POTASSIUM	7450 J	11700 J	16100	14400	9530 J	10600
SELENIUM	3 UJ	3 UJ	2 U	2 U	1.9 U	1.9 U
SILVER	2 U	2.5 U	2 U	2 U	1.1 U	2.8 U
SODIUM	175000	311000	395000	364000	139000 J	166000
THALLIUM	1 UJ	10 UJ	10 UJ	1 UJ	4.8 UJ	4.8 U
VANADIUM	8.3 J	5 U	4 U	4 U	0.55 U	2.9 U
ZINC	7.2 U	2 U	5.9 J	6 J	7.5 U	5.3 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	500 U		500 U		1000 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)					46.5 R	
REDOX POTENTIAL (MV)					-182.6	
SALINITY (PPT)					0.49	
SPECIFIC CONDUCTIVITY (MS/CM)					0.99	
TEMPERATURE (C)					18.29	
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)					99	
AMMONIA, AS NITROGEN (MG/L)					0.41	
CHLORIDE (MG/L)					250	
DIVALENT IRON (MG/L)					0	
HARDNESS AS CaCO3 (MG/L)	180		268		220	
METHANE (UG/L)					1200	
NITRATE, AS NITROGEN (MG/L)					0.05 UJ	
PHOSPHORUS (MG/L)					0.27 J	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW8	13GW8	13GW8-2	13GW8-2-F	LS1GW13MW801	LS1GW13MW801-F
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	1997RI	1997RI
SAMPLE DATE:	03/06/94	03/06/94	06/22/94	06/22/94	11/13/97	11/13/97
LOCATION:	13MW8	13MW8	13MW8	13MW8	13MW8	13MW8
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
SULFATE (MG/L)					41	
TOTAL ORGANIC CARBON (MG/L)					4.9 J	
TURBIDITY (NTU)					0.58	
GENERAL CHEMISTRY						
PH					6.92	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011791-13MW9S	13GW9	13GW9	13GW9-2	13GW92	LS1GW13MW901
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/17/91	03/06/94	03/06/94	06/25/94	06/25/94	11/12/97
LOCATION:	13MW9	13MW9	13MW9	13MW9	13MW9	13MW9
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	5 U	10 U		10 U		
1,1,2,2-TETRACHLOROETHANE	5 U	10 U		10 U		
1,1,2-TRICHLOROETHANE	5 U	10 U		10 U		
1,1-DICHLOROETHANE	5 U	10 U		10 U		
1,1-DICHLOROETHENE	5 U	10 U		10 U		
1,2-DICHLOROETHANE	5 U	10 U		10 U		
1,2-DICHLOROETHENE (TOTAL)	5 U	10 U		10 U		
1,2-DICHLOROPROPANE	5 U	10 U		10 U		
2-BUTANONE	10 U	10 U		10 U		
2-HEXANONE	10 U	10 U		10 UJ		
4-METHYL-2-PENTANONE	10 U	10 U		10 U		
ACETONE	10 U	10 U		10 U		
BENZENE	5 U	10 U		10 U		
BROMODICHLOROMETHANE	5 U	10 U		10 U		
BROMOFORM	5 U	10 U		10 U		
BROMOMETHANE	10 U	10 U		10 U		
CARBON DISULFIDE	5 U	10 U		3 J		
CARBON TETRACHLORIDE	5 U	10 U		10 U		
CHLOROBENZENE	5 U	10 U		10 U		
CHLOROETHANE	10 U	10 U		10 U		
CHLOROFORM	5 U	10 U		10 U		
CHLOROMETHANE	10 U	10 U		10 U		
CIS-1,3-DICHLOROPROPENE	5 U	10 U		10 U		
DIBROMOCHLOROMETHANE	5 U	10 U		10 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011791-13MW9S	13GW9	13GW9	13GW9-2	13GW92	LS1GW13MW901
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/17/91	03/06/94	03/06/94	06/25/94	06/25/94	11/12/97
LOCATION:	13MW9	13MW9	13MW9	13MW9	13MW9	13MW9
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	5 U	10 U		10 U		
METHYLENE CHLORIDE	5 U	10 U		10 U		
STYRENE	5 U	10 U		10 U		
TETRACHLOROETHENE	5 U	10 U		10 U		
TOLUENE	5 U	10 U		10 U		
TRANS-1,3-DICHLOROPROPENE	5 U	10 U		10 U		
TRICHLOROETHENE	5 U	10 U		10 U		
VINYL ACETATE	10 U	10 U		10 U		
VINYL CHLORIDE	10 U	10 U		10 U		
XYLENES, TOTAL	5 U	10 U		10 U		
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		10 U		10 UJ		11 U
1,2-DICHLOROBENZENE		10 U		10 UJ		11 U
1,3-DICHLOROBENZENE		10 U		10 UJ		11 U
1,4-DICHLOROBENZENE		10 U		10 UJ		11 U
2,2'-OXYBIS(1-CHLOROPROPANE)						11 U
2,4,5-TRICHLOROPHENOL		25 U		25 UJ		28 U
2,4,6-TRICHLOROPHENOL		10 U		10 UJ		11 U
2,4-DICHLOROPHENOL		10 U		10 UJ		11 U
2,4-DIMETHYLPHENOL		10 U		10 UJ		11 U
2,4-DINITROPHENOL		25 U		25 UJ		28 U
2,4-DINITROTOLUENE		10 U		10 UJ		11 U
2,6-DINITROTOLUENE		10 U		10 UJ		11 U
2-CHLORONAPHTHALENE		10 U		10 UJ		11 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011791-13MW9S	13GW9	13GW9	13GW9-2	13GW92	LS1GW13MW901
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/17/91	03/06/94	03/06/94	06/25/94	06/25/94	11/12/97
LOCATION:	13MW9	13MW9	13MW9	13MW9	13MW9	13MW9
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		10 U		10 UJ		11 U
2-METHYLNAPHTHALENE		10 U		10 UJ		11 U
2-METHYLPHENOL		10 U		10 UJ		11 U
2-NITROANILINE		25 U		25 UJ		28 U
2-NITROPHENOL		10 U		10 UJ		11 U
3,3'-DICHLOROBENZIDINE		10 U		10 UJ		11 U
3-NITROANILINE		25 U		25 UJ		28 U
4,6-DINITRO-2-METHYLPHENOL		25 U		25 UJ		28 U
4-BROMOPHENYL PHENYL ETHER		10 U		10 UJ		11 U
4-CHLORO-3-METHYLPHENOL		10 U		10 UJ		11 U
4-CHLOROANILINE		10 U		10 UJ		11 U
4-CHLOROPHENYL PHENYL ETHER		10 U		10 UJ		11 U
4-METHYLPHENOL		10 U		10 UJ		11 U
4-NITROANILINE		25 U		25 UJ		28 U
4-NITROPHENOL		25 U		25 UJ		28 U
ACENAPHTHENE		5 J		2 J		5 J
ACENAPHTHYLENE		10 U		10 UJ		11 U
ANTHRACENE		10 U		10 UJ		11 U
BENZO(A)ANTHRACENE		10 U		10 UJ		11 U
BENZO(A)PYRENE		10 U		10 UJ		11 U
BENZO(B)FLUORANTHENE		10 U		10 UJ		11 U
BENZO(G,H,I)PERYLENE		10 U		10 UJ		11 U
BENZO(K)FLUORANTHENE		10 U		10 UJ		11 U
BENZOIC ACID		50 U		50 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011791-13MW9S	13GW9	13GW9	13GW9-2	13GW92	LS1GW13MW901
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/17/91	03/06/94	03/06/94	06/25/94	06/25/94	11/12/97
LOCATION:	13MW9	13MW9	13MW9	13MW9	13MW9	13MW9
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL		10 U		10 UJ		
BIS(2-CHLOROETHOXY)METHANE		10 U		10 UJ		11 U
BIS(2-CHLOROETHYL)ETHER		10 U		10 UJ		11 U
BIS(2-CHLOROISOPROPYL) ETHER		10 U		10 UJ		
BIS(2-ETHYLHEXYL)PHTHALATE		10 U		10 U		11 U
BUTYLBENZYL PHTHALATE		10 U		10 UJ		11 U
CARBAZOLE		10 U		10 UJ		11 U
CHRYSENE		10 U		10 UJ		11 U
DI-N-BUTYL PHTHALATE		10 U		10 UJ		11 U
DI-N-OCTYL PHTHALATE		10 U		10 UJ		11 U
DIBENZO(A,H)ANTHRACENE		10 U		10 UJ		11 U
DIBENZOFURAN		10 U		10 UJ		11 U
DIETHYL PHTHALATE		10 U		10 UJ		0.7 J
DIMETHYL PHTHALATE		10 U		10 UJ		11 U
FLUORANTHENE		10 U		10 UJ		11 U
FLUORENE		10 U		10 UJ		11 U
HEXACHLOROBENZENE		10 U		10 UJ		11 U
HEXACHLOROBUTADIENE		10 U		10 UJ		11 U
HEXACHLOROCYCLOPENTADIENE		10 U		10 UJ		11 U
HEXACHLOROETHANE		10 U		10 UJ		11 U
INDENO(1,2,3-CD)PYRENE		10 U		10 UJ		11 U
ISOPHORONE		10 U		10 UJ		11 U
N-NITROSO-DI-N-PROPYLAMINE		10 U		10 UJ		11 U
N-NITROSODIPHENYLAMINE		10 U		10 UJ		11 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011791-13MW9S	13GW9	13GW9	13GW9-2	13GW92	LS1GW13MW901
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/17/91	03/06/94	03/06/94	06/25/94	06/25/94	11/12/97
LOCATION:	13MW9	13MW9	13MW9	13MW9	13MW9	13MW9
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		10 U		10 UJ		11 U
NITROBENZENE		10 U		10 UJ		11 U
PENTACHLOROPHENOL		25 U		25 UJ		28 U
PHENANTHRENE		10 U		10 UJ		11 U
PHENOL		10 U		10 UJ		11 U
PYRENE		0.6 J		1 J		1 J
METALS (µg/L)						
ALUMINUM	30 U	14 U	14 U	10 U	10 UJ	100 U
ANTIMONY	25 U	15 U	15 U	5 U	5 U	2.5 U
ARSENIC	3 U	2.1 J	2 U	2 UJ	2 UJ	2.5 U
BARIUM	47.2	40.6 U	40.3 U	61.6 J	61 J	98.1
BERYLLIUM	1 U	1 U	1 U	1 U	1 U	0.11 U
BORON	42 R	1010 J	982 J	1430	1410 J	
CADMIUM	2 U	2 UJ	2 UJ	1.4 J	1 U	0.22 U
CALCIUM	90100	127000	124000	139000	138000	207000
CHROMIUM	5 U	3 U	3 U	1 U	1 J	2.1 U
COBALT	5 U	4 U	4 U	1 U	1 U	0.80 U
COPPER	5 U	2.7 J	3.4 J	3 U	3 U	4.6 U
CYANIDE	5 UJ					
IRON	414	40.5 U	47.6 U	17 U	17 U	326
LEAD	10 UJ	1 UJ	1 UJ	10 UR	10 UR	2.5 J
MAGNESIUM	263000	277000	270000	443000	449000	615000 J
MANGANESE	102	213	209	151	149	140
MERCURY	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.05 U

69060

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011791-13MW9S	13GW9	13GW9	13GW9-2	13GW92	LS1GW13MW901
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/17/91	03/06/94	03/06/94	06/25/94	06/25/94	11/12/97
LOCATION:	13MW9	13MW9	13MW9	13MW9	13MW9	13MW9
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	15.2 J	10 U	10 U	3 U	3 U	1.0 J
POTASSIUM	86200	107000 J	103000 J	138000	141000	194000
SELENIUM	22	3 UJ	3 UJ	20 UJ	4 UR	1.9 U
SILVER	7 U	2 U	2.1 U	2 U	2 U	2.9
SODIUM	1550000	2720000	2430000	2980000 J	3660000 J	4950000 J
THALLIUM	20 U	10 UJ	10 UJ	20 UJ	20 UR	4.8 U
VANADIUM	20 U	5 UJ	5 UJ	1 U	1.5 J	1.1 J
ZINC	10.6 J	2 U	2 U	4.4 U	3.7 U	14.3 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	3000 U	500 U		1000 U		1000 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)						538.6 R
REDOX POTENTIAL (MV)						-375.9
SALINITY (PPT)						14.0
SPECIFIC CONDUCTIVITY (MS/CM)						23.17
TEMPERATURE (C)						17.2
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)						190
AMMONIA, AS NITROGEN (MG/L)						1.7
CHLORIDE (MG/L)						5900
DIVALENT IRON (MG/L)						0
HARDNESS AS CaCO3 (MG/L)		1640		2170		2600
METHANE (UG/L)						1700
NITRATE, AS NITROGEN (MG/L)						0.05 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011791-13MW9S	13GW9	13GW9	13GW9-2	13GW92	LS1GW13MW901
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/17/91	03/06/94	03/06/94	06/25/94	06/25/94	11/12/97
LOCATION:	13MW9	13MW9	13MW9	13MW9	13MW9	13MW9
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)						0.87 J
SULFATE (MG/L)						1400
TOTAL ORGANIC CARBON (MG/L)						6.0 J
TURBIDITY (NTU)						11.3
GENERAL CHEMISTRY						
PH						7.18

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GW13MW901-F	MW-13	LS1GWFOMW1301	LS1GWFOMW1301-F	MW-14	LS1GWFOMW1401
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/12/97	07/12/89	11/12/97	11/12/97	07/12/89	11/10/97
LOCATION:	13MW9	FOMW13	FOMW13	FOMW13	FOMW14	FOMW14
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
BENZENE		1 U			1 U	
CHLOROBENZENE		1 U			1 U	
ETHYLBENZENE		1 U			1 U	
TOLUENE		11			1 U	
XYLENES, TOTAL		9.6			1 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			12 U			12 U
1,2-DICHLOROBENZENE		1 U	12 U		1 U	12 U
1,3-DICHLOROBENZENE		1 U	12 U		1 U	12 U
1,4-DICHLOROBENZENE		1 U	12 U		1 U	12 U
2,2'-OXYBIS(1-CHLOROPROPANE)			12 U			12 U
2,4,5-TRICHLOROPHENOL			30 U			30 U
2,4,6-TRICHLOROPHENOL			12 U			12 U
2,4-DICHLOROPHENOL			12 U			12 U
2,4-DIMETHYLPHENOL			12 U			12 U
2,4-DINITROPHENOL			30 U			30 U
2,4-DINITROTOLUENE			12 U			12 U
2,6-DINITROTOLUENE			12 U			12 U
2-CHLORONAPHTHALENE			12 U			12 U
2-CHLOROPHENOL			12 U			12 U
2-METHYLNAPHTHALENE			12 U			12 U
2-METHYLPHENOL			12 U			12 U
2-NITROANILINE			30 U			30 U
2-NITROPHENOL			12 U			12 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GW13MW901-F	MW-13	LS1GWFOMW1301	LS1GWFOMW1301-F	MW-14	LS1GWFOMW1401
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/12/97	07/12/89	11/12/97	11/12/97	07/12/89	11/10/97
LOCATION:	13MW9	FOMW13	FOMW13	FOMW13	FOMW14	FOMW14
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
3,3'-DICHLOROBENZIDINE			12 U			12 UJ
3-NITROANILINE			30 U			30 U
4,6-DINITRO-2-METHYLPHENOL			30 U			30 U
4-BROMOPHENYL PHENYL ETHER			12 U			12 U
4-CHLORO-3-METHYLPHENOL			12 U			12 U
4-CHLOROANILINE			12 U			12 U
4-CHLOROPHENYL PHENYL ETHER			12 U			12 U
4-METHYLPHENOL			12 U			12 U
4-NITROANILINE			30 U			30 U
4-NITROPHENOL			30 U			30 U
ACENAPHTHENE			12 U			12 U
ACENAPHTHYLENE			12 U			12 U
ANTHRACENE			12 U			12 U
BENZO(A)ANTHRACENE			12 U			12 UJ
BENZO(A)PYRENE			12 U			12 UJ
BENZO(B)FLUORANTHENE			12 U			12 UJ
BENZO(G,H,I)PERYLENE			12 U			12 UJ
BENZO(K)FLUORANTHENE			12 U			12 UJ
BIS(2-CHLOROETHOXY)METHANE			12 U			12 U
BIS(2-CHLOROETHYL)ETHER			12 U			12 U
BIS(2-ETHYLHEXYL)PHTHALATE			12 U			12 U
BUTYLBENZYL PHTHALATE			12 U			12 UJ
CARBAZOLE			12 U			12 U
CHRYSENE			12 U			12 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GW13MW901-F	MW-13	LS1GWFOMW1301	LS1GWFOMW1301-F	MW-14	LS1GWFOMW1401
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/12/97	07/12/89	11/12/97	11/12/97	07/12/89	11/10/97
LOCATION:	13MW9	FOMW13	FOMW13	FOMW13	FOMW14	FOMW14
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
DI-N-BUTYL PHTHALATE			12 U			12 UJ
DI-N-OCTYL PHTHALATE			12 U			12 UJ
DIBENZO(A,H)ANTHRACENE			12 U			12 UJ
DIBENZOFURAN			12 U			12 U
DIETHYL PHTHALATE			12 U			12 U
DIMETHYL PHTHALATE			12 U			12 U
FLUORANTHENE			12 U			12 U
FLUORENE			12 U			12 U
HEXACHLOROBENZENE			12 U			12 U
HEXACHLOROBUTADIENE			12 U			12 U
HEXACHLOROCYCLOPENTADIENE			12 U			12 U
HEXACHLOROETHANE			12 U			12 U
INDENO(1,2,3-CD)PYRENE			12 U			12 UJ
ISOPHORONE			12 U			12 U
N-NITROSO-DI-N-PROPYLAMINE			12 U			12 U
N-NITROSODIPHENYLAMINE			12 U			12 U
NAPHTHALENE			12 U			12 U
NITROBENZENE			12 U			12 U
PENTACHLOROPHENOL			30 U			30 U
PHENANTHRENE			12 U			12 U
PHENOL			12 U			12 U
PYRENE			12 U			12 UJ
METALS (µg/L)						
ALUMINUM	10.0 UJ		10.0 UJ	10.0 UJ		3480

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GW13MW901-F	MW-13	LS1GWFOMW1301	LS1GWFOMW1301-F	MW-14	LS1GWFOMW1401
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/12/97	07/12/89	11/12/97	11/12/97	07/12/89	11/10/97
LOCATION:	13MW9	FOMW13	FOMW13	FOMW13	FOMW14	FOMW14
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
ANTIMONY	2.5 U		2.5 U	2.8 U		2.5 U
ARSENIC	2.5 U		2.5 U	2.5 U		6.5
BARIUM	95.7		69.2	71.1		114
BERYLLIUM	0.11 UJ		0.60 U	0.61 U		0.24 U
CADMIUM	0.22 U		0.22 U	0.22 U		0.52 U
CALCIUM	203000		130000	134000		66000
CHROMIUM	0.68 U		1.1 J	0.76 J		10.5
COBALT	0.80 U		0.80 U	0.80 U		4.2 J
COPPER	1.3 U		4.2 U	3.7 U		77.9
IRON	83.7 U		214 U	196 U		7660
LEAD	1.3 U		1.3 U	1.3 U		36.8
MAGNESIUM	609000 J		3520	3620		3720
MANGANESE	136		23.1	24.0		297
MERCURY	0.01 U		0.01 U	0.02 U		0.02 U
NICKEL	0.75 U		2.0	1.0 J		12.2 J
POTASSIUM	191000		11800 J	12700 J		8980
SELENIUM	1.9 U		2.0 U	3.0 U		4.6 U
SILVER	2.6		1.1 U	1.1 U		2.8 U
SODIUM	4860000 J		100000 J	105000 J		154000
THALLIUM	4.8 U		4.8 UJ	4.8 UJ		4.8 U
VANADIUM	1.2		6.0	5.8		11.7 U
ZINC	7.4 U		8.8 U	8.9 U		48.7
PETROLEUM HYDROCARBONS (µg/L)						
TPH			1000 U			16000 J

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GW13MW901-F	MW-13	LS1GWFOMW1301	LS1GWFOMW1301-F	MW-14	LS1GWFOMW1401
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/12/97	07/12/89	11/12/97	11/12/97	07/12/89	11/10/97
LOCATION:	13MW9	FOMW13	FOMW13	FOMW13	FOMW14	FOMW14
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
PETROLEUM HYDROCARBONS (µg/L)						
TPH-DIESEL-FUEL #2		97000			1100000	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			559.4 R			13.37
REDOX POTENTIAL (MV)			-136.3			-105.6
SALINITY (PPT)			0.43			0.53
SPECIFIC CONDUCTIVITY (MS/CM)			0.923			1.062
TEMPERATURE (C)			13.72			16.87
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			440			290
AMMONIA, AS NITROGEN (MG/L)			0.13 J			0.35
CHLORIDE (MG/L)			42			140
DIVALENT IRON (MG/L)			0			1
HARDNESS AS CaCO3 (MG/L)			310			190
METHANE (UG/L)			5.4 U			200
NITRATE, AS NITROGEN (MG/L)			1.5 J			0.47 J
PHOSPHORUS (MG/L)			0.10 U			0.98 J
SULFATE (MG/L)			39			58
TOTAL ORGANIC CARBON (MG/L)			25 J			180 J
TURBIDITY (NTU)			61.9			30.7
GENERAL CHEMISTRY						
PH			7.52			6.58

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1401-F	MW-15	LS1GWFOMW1501	LS1GWFOMW1501-F	MW-16	LS1GWFOMW1601
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/10/97	07/12/89	11/11/97	11/11/97	07/12/89	11/11/97
LOCATION:	FOMW14	FOMW15	FOMW15	FOMW15	FOMW16	FOMW16
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
BENZENE		1 U			1 U	
CHLOROBENZENE		1 U			1 U	
ETHYLBENZENE		1 U			1 U	
TOLUENE		1 U			1 U	
XYLENES, TOTAL		1 U			1 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			11 U			12 U
1,2-DICHLOROBENZENE		1 U	11 U		1 U	12 U
1,3-DICHLOROBENZENE		1 U	11 U		1 U	12 U
1,4-DICHLOROBENZENE		1 U	11 U		1 U	12 U
2,2'-OXYBIS(1-CHLOROPROPANE)			11 U			12 U
2,4,5-TRICHLOROPHENOL			28 U			30 U
2,4,6-TRICHLOROPHENOL			11 U			12 U
2,4-DICHLOROPHENOL			11 U			12 U
2,4-DIMETHYLPHENOL			11 U			12 U
2,4-DINITROPHENOL			28 U			30 U
2,4-DINITROTOLUENE			11 U			12 U
2,6-DINITROTOLUENE			11 U			12 U
2-CHLORONAPHTHALENE			11 U			12 U
2-CHLOROPHENOL			11 U			12 U
2-METHYLNAPHTHALENE			11 U			12 U
2-METHYLPHENOL			11 U			12 U
2-NITROANILINE			28 U			30 U
2-NITROPHENOL			11 U			12 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1401-F	MW-15	LS1GWFOMW1501	LS1GWFOMW1501-F	MW-16	LS1GWFOMW1601
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/10/97	07/12/89	11/11/97	11/11/97	07/12/89	11/11/97
LOCATION:	FOMW14	FOMW15	FOMW15	FOMW15	FOMW16	FOMW16
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
3,3'-DICHLOROBENZIDINE			11 U			12 U
3-NITROANILINE			28 U			30 U
4,6-DINITRO-2-METHYLPHENOL			28 U			30 U
4-BROMOPHENYL PHENYL ETHER			11 U			12 U
4-CHLORO-3-METHYLPHENOL			11 U			12 U
4-CHLOROANILINE			11 U			12 U
4-CHLOROPHENYL PHENYL ETHER			11 U			12 U
4-METHYLPHENOL			11 U			12 U
4-NITROANILINE			28 U			30 U
4-NITROPHENOL			28 U			30 U
ACENAPHTHENE			11 U			12 U
ACENAPHTHYLENE			11 U			12 U
ANTHRACENE			11 U			12 U
BENZO(A)ANTHRACENE			11 U			12 U
BENZO(A)PYRENE			11 U			12 U
BENZO(B)FLUORANTHENE			11 U			12 U
BENZO(G,H,I)PERYLENE			11 U			12 U
BENZO(K)FLUORANTHENE			11 U			12 U
BIS(2-CHLOROETHOXY)METHANE			11 U			12 U
BIS(2-CHLOROETHYL)ETHER			11 U			12 U
BIS(2-ETHYLHEXYL)PHTHALATE			11 U			12 U
BUTYLBENZYL PHTHALATE			11 U			12 U
CARBAZOLE			11 U			12 U
CHRYSENE			11 U			12 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1401-F	MW-15	LS1GWFOMW1501	LS1GWFOMW1501-F	MW-16	LS1GWFOMW1601
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/10/97	07/12/89	11/11/97	11/11/97	07/12/89	11/11/97
LOCATION:	FOMW14	FOMW15	FOMW15	FOMW15	FOMW16	FOMW16
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
DI-N-BUTYL PHTHALATE			11 U			12 U
DI-N-OCTYL PHTHALATE			11 U			12 U
DIBENZO(A,H)ANTHRACENE			11 U			12 U
DIBENZOFURAN			11 U			12 U
DIETHYL PHTHALATE			11 U			12 U
DIMETHYL PHTHALATE			11 U			12 U
FLUORANTHENE			11 U			12 U
FLUORENE			11 U			12 U
HEXACHLOROBENZENE			11 U			12 U
HEXACHLOROBUTADIENE			11 U			12 U
HEXACHLOROCYCLOPENTADIENE			11 U			12 U
HEXACHLOROETHANE			11 U			12 U
INDENO(1,2,3-CD)PYRENE			11 U			12 U
ISOPHORONE			11 U			12 U
N-NITROSO-DI-N-PROPYLAMINE			11 U			12 U
N-NITROSODIPHENYLAMINE			11 U			12 U
NAPHTHALENE			11 U			12 U
NITROBENZENE			11 U			12 U
PENTACHLOROPHENOL			28 U			30 U
PHENANTHRENE			11 U			12 U
PHENOL			11 U			12 U
PYRENE			11 U			12 U
METALS (µg/L)						
ALUMINUM	84.3 U		59.6 U	10.0 U		10.0 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1401-F	MW-15	LS1GWFOMW1501	LS1GWFOMW1501-F	MW-16	LS1GWFOMW1601
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/10/97	07/12/89	11/11/97	11/11/97	07/12/89	11/11/97
LOCATION:	FOMW14	FOMW15	FOMW15	FOMW15	FOMW16	FOMW16
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
ANTIMONY	2.5 U		2.5 U	2.5 U		2.5 U
ARSENIC	4.2 J		2.5 U	2.5 U		2.5 U
BARIUM	84.2		61.7	57.7		80.4
BERYLLIUM	0.19 U		0.11 U	0.11 U		0.11 U
CADMIUM	0.22 U		0.22 U	0.22 U		0.25 U
CALCIUM	66300		62600	58800		84400
CHROMIUM	3.1 U		0.68 U	0.76 U		0.72 U
COBALT	3.1		0.80 U	0.80 U		0.80 U
COPPER	14.8		2.6 U	1.8 U		15.6
IRON	2250		4670	4160		48.8 U
LEAD	2.4 J		1.3 U	1.3 U		1.3 U
MAGNESIUM	2710		6590	6170		6220
MANGANESE	221		84.7	81.9		11.5
MERCURY	0.04 U		0.02 U	0.03 U		0.02 U
NICKEL	9.8 J		1.0 J	1.1 J		2.1
POTASSIUM	8130		8420	8250		12700
SELENIUM	4.4 U		1.9 J	1.9 U		3.2 J
SILVER	2.8 U		1.1 U	1.1 U		1.1 U
SODIUM	155000		115000	106000		174000
THALLIUM	4.8 U		4.8 U	4.8 U		5.4 J
VANADIUM	3.6 U		0.72 J	0.67 J		0.55 U
ZINC	9.8 U		8.6 U	5.1 U		23.4 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH			1000 U			1000 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1401-F	MW-15	LS1GWFOMW1501	LS1GWFOMW1501-F	MW-16	LS1GWFOMW1601
INVESTIGATION:	1997RI	FO89	1997RI	1997RI	FO89	1997RI
SAMPLE DATE:	11/10/97	07/12/89	11/11/97	11/11/97	07/12/89	11/11/97
LOCATION:	FOMW14	FOMW15	FOMW15	FOMW15	FOMW16	FOMW16
VALIDATED:	VALIDATED		VALIDATED	VALIDATED		VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
PETROLEUM HYDROCARBONS (µg/L)						
TPH-DIESEL-FUEL #2		750000			21000	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			5.81			10.33
REDOX POTENTIAL (MV)			-106.4			-104.2
SALINITY (PPT)			0.49			0.51
SPECIFIC CONDUCTIVITY (MS/CM)			0.971			0.991
TEMPERATURE (C)			17.85			17.28
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			120			160
AMMONIA, AS NITROGEN (MG/L)			0.81			0.10 U
CHLORIDE (MG/L)			230			290
DIVALENT IRON (MG/L)			2.8			0
HARDNESS AS CaCO3 (MG/L)			170			220
METHANE (UG/L)			810			5.4 U
NITRATE, AS NITROGEN (MG/L)			0.39 J			1.4 J
PHOSPHORUS (MG/L)			0.14 J			0.25 J
SULFATE (MG/L)			4.8			29
TOTAL ORGANIC CARBON (MG/L)			16 J			31 J
TURBIDITY (NTU)			7.96			1.07
GENERAL CHEMISTRY						
PH			6.64			6.59

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1601-F	011891-NESOMW4S	NESO4	NESO4	NESO4-2	NESO4-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	11/11/97	01/18/91	03/06/94	03/06/94	06/25/94	06/25/94
LOCATION:	FOMW16	NESO4	NESO4	NESO4	NESO4	NESO4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE		5 U	10 U		10 U	
1,1,2,2-TETRACHLOROETHANE		5 U	10 U		10 U	
1,1,2-TRICHLOROETHANE		5 U	10 U		10 U	
1,1-DICHLOROETHANE		5 U	10 U		10 U	
1,1-DICHLOROETHENE		5 U	10 U		10 U	
1,2-DICHLOROETHANE		5 U	10 U		10 U	
1,2-DICHLOROETHENE (TOTAL)		5 U	10 U		10 U	
1,2-DICHLOROPROPANE		5 U	10 U		10 U	
2-BUTANONE		10 U	10 U		10 U	
2-HEXANONE		10 U	10 U		10 UJ	
4-METHYL-2-PENTANONE		10 U	10 U		10 U	
ACETONE		10 U	10 U		10 U	
BENZENE		5 U	10 U		10 U	
BROMODICHLOROMETHANE		5 U	10 U		10 U	
BROMOFORM		5 U	10 U		10 U	
BROMOMETHANE		10 U	10 U		10 U	
CARBON DISULFIDE		5 U	10 U		10 U	
CARBON TETRACHLORIDE		5 U	10 U		10 U	
CHLOROBENZENE		5 U	10 U		10 U	
CHLOROETHANE		10 U	10 U		10 U	
CHLOROFORM		5 U	10 U		10 U	
CHLOROMETHANE		10 U	10 U		10 U	
CIS-1,3-DICHLOROPROPENE		5 U	10 U		10 U	
DIBROMOCHLOROMETHANE		5 U	10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1601-F	011891-NESOMW4S	NESO4	NESO4	NESO4-2	NESO4-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	11/11/97	01/18/91	03/06/94	03/06/94	06/25/94	06/25/94
LOCATION:	FOMW16	NESO4	NESO4	NESO4	NESO4	NESO4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE		5 U	10 U		10 U	
METHYLENE CHLORIDE		5 U	10 U		10 U	
STYRENE		5 U	10 U		10 U	
TETRACHLOROETHENE		5 U	10 U		10 U	
TOLUENE		5 U	10 U		10 U	
TRANS-1,3-DICHLOROPROPENE		5 U	10 U		10 U	
TRICHLOROETHENE		5 U	10 U		10 U	
VINYL ACETATE		10 U	10 U		10 U	
VINYL CHLORIDE		10 U	10 U		10 U	
XYLENES, TOTAL		5 U	10 U		10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			10 U		0.7 J	
1,2-DICHLOROBENZENE			10 U		10 U	
1,3-DICHLOROBENZENE			10 U		0.5 J	
1,4-DICHLOROBENZENE			10 U		10 U	
2,4,5-TRICHLOROPHENOL			25 U		25 U	
2,4,6-TRICHLOROPHENOL			10 U		10 U	
2,4-DICHLOROPHENOL			10 U		10 U	
2,4-DIMETHYLPHENOL			10 U		10 U	
2,4-DINITROPHENOL			25 U		25 U	
2,4-DINITROTOLUENE			10 U		10 U	
2,6-DINITROTOLUENE			10 U		10 U	
2-CHLORONAPHTHALENE			10 U		10 U	
2-CHLOROPHENOL			10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1601-F	011891-NESOMW4S	NESO4	NESO4	NESO4-2	NESO4-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	11/11/97	01/18/91	03/06/94	03/06/94	06/25/94	06/25/94
LOCATION:	FOMW16	NESO4	NESO4	NESO4	NESO4	NESO4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE			10 U		10 U	
2-METHYLPHENOL			10 U		10 U	
2-NITROANILINE			25 U		25 U	
2-NITROPHENOL			10 U		10 U	
3,3'-DICHLOROBENZIDINE			10 U		10 U	
3-NITROANILINE			25 U		25 U	
4,6-DINITRO-2-METHYLPHENOL			25 U		25 U	
4-BROMOPHENYL PHENYL ETHER			10 U		10 U	
4-CHLORO-3-METHYLPHENOL			10 U		10 U	
4-CHLOROANILINE			10 U		10 U	
4-CHLOROPHENYL PHENYL ETHER			10 U		10 U	
4-METHYLPHENOL			10 U		10 U	
4-NITROANILINE			25 U		25 U	
4-NITROPHENOL			25 U		25 U	
ACENAPHTHENE			0.6 J		10 U	
ACENAPHTHYLENE			10 U		10 U	
ANTHRACENE			10 U		10 U	
BENZO(A)ANTHRACENE			10 U		10 U	
BENZO(A)PYRENE			10 U		10 U	
BENZO(B)FLUORANTHENE			10 U		10 U	
BENZO(G,H,I)PERYLENE			10 U		10 U	
BENZO(K)FLUORANTHENE			10 U		10 U	
BENZOIC ACID			50 U		50 U	
BENZYL ALCOHOL			10 U		10 U	

00084

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1601-F	011891-NESOMW4S	NESO4	NESO4	NESO4-2	NESO4-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	11/11/97	01/18/91	03/06/94	03/06/94	06/25/94	06/25/94
LOCATION:	FOMW16	NESO4	NESO4	NESO4	NESO4	NESO4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-CHLOROETHOXY)METHANE			10 U		10 U	
BIS(2-CHLOROETHYL)ETHER			10 U		10 U	
BIS(2-CHLOROISOPROPYL) ETHER			10 U		10 U	
BIS(2-ETHYLHEXYL)PHTHALATE			10 U		10 U	
BUTYLBENZYL PHTHALATE			10 U		10 U	
CARBAZOLE			10 U		10 U	
CHRYSENE			10 U		10 U	
DI-N-BUTYL PHTHALATE			10 U		10 U	
DI-N-OCTYL PHTHALATE			10 U		10 U	
DIBENZO(A,H)ANTHRACENE			10 U		10 U	
DIBENZOFURAN			10 U		10 U	
DIETHYL PHTHALATE			10 U		10 U	
DIMETHYL PHTHALATE			10 U		10 U	
FLUORANTHENE			10 U		10 U	
FLUORENE			10 U		10 U	
HEXACHLOROBENZENE			10 U		10 U	
HEXACHLOROBUTADIENE			10 U		10 U	
HEXACHLOROCYCLOPENTADIENE			10 U		10 U	
HEXACHLOROETHANE			10 U		10 U	
INDENO(1,2,3-CD)PYRENE			10 U		10 U	
ISOPHORONE			10 U		10 U	
N-NITROSO-DI-N-PROPYLAMINE			10 U		10 U	
N-NITROSODIPHENYLAMINE			10 U		10 U	
NAPHTHALENE			10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1601-F	011891-NESOMW4S	NESO4	NESO4	NESO4-2	NESO4-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	11/11/97	01/18/91	03/06/94	03/06/94	06/25/94	06/25/94
LOCATION:	FOMW16	NESO4	NESO4	NESO4	NESO4	NESO4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NITROBENZENE			10 U		10 U	
PENTACHLOROPHENOL			25 U		25 U	
PHENANTHRENE			10 U		10 U	
PHENOL			10 U		10 U	
PYRENE			10 U		10 U	
METALS (µg/L)						
ALUMINUM	10.0 U	30 U	14 U	35.8 U	35.9	27.9 U
ANTIMONY	2.5 U	25 U	15 U	15 U	5 U	5.7 J
ARSENIC	2.5 U	3 U	2 U	2 U	2 U	2 U
BARIUM	80.5	15 U	15.8 U	15.7 U	14	14.1 J
BERYLLIUM	0.11 U	1 U	1 U	1 U	1 U	1 U
BORON		4.2 R	119	145	197	173 J
CADMIUM	0.22 U	2 U	20.9 J	2 UJ	7.9	1 U
CALCIUM	86300	19600	25800	24500	31500	32000
CHROMIUM	0.68 U	10.7 J	3 U	3 U	1 U	1.1 J
COBALT	0.80 U	5.4	4 U	4 U	1 U	1 U
COPPER	7.1	5 U	2 U	2 U	3 U	3.1 J
CYANIDE		5 UJ				
IRON	27.0 U	862	532	484	903	886
LEAD	1.3 U	2.3 J	1 UJ	1 UJ	2.5 J	2 UR
MAGNESIUM	6320	14200	17600	16800	23900	23700
MANGANESE	12.3	351	354	336	322	321
MERCURY	0.03 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ
NICKEL	2.0	19.5 J	10 U	10 U	3 U	3 U

00096

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1GWFOMW1601-F	011891-NESOMW4S	NESO4	NESO4	NESO4-2	NESO4-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	11/11/97	01/18/91	03/06/94	03/06/94	06/25/94	06/25/94
LOCATION:	FOMW16	NESO4	NESO4	NESO4	NESO4	NESO4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
POTASSIUM	12400	10000	9850 J	9370 J	12200	12600
SELENIUM	3.1 J	1 U	3 UJ	3 UJ	2 U	2 UR
SILVER	1.1 U	7 U	2 U	2 U	2 U	2 U
SODIUM	163000	169000	191000	186000	239000 J	231000 J
THALLIUM	4.8 U	2 U	10 UJ	10 UJ	20 UJ	20 UR
VANADIUM	0.55 U	20 U	5 U	5 U	3.2	2.7
ZINC	23.9 U	12.6 J	6.2 U	3.9 U	14.2	7 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH		3000 U	500 U		1000 U	
MISCELLANEOUS PARAMETERS						
HARDNESS AS CaCO3 (MG/L)			140		177	

APPENDIX H.2.2

ZONE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011891-13MW10S	011891-13MW18S	13GW10	13GW10	13GW10-2	13GW10-2
INVESTIGATION:	PH1	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	01/18/91	01/18/91	03/05/94	03/05/94	06/23/94	06/23/94
LOCATION:	13MW10	13MW10	13MW10	13MW10	13MW10	13MW10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		011891-13MW10S				
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	5 U	5 U	10 U		10 U	
1,1,2,2-TETRACHLOROETHANE	5 U	5 U	10 U		10 U	
1,1,2-TRICHLOROETHANE	5 U	5 U	10 U		10 U	
1,1-DICHLOROETHANE	5 U	5 U	10 U		10 U	
1,1-DICHLOROETHENE	5 U	5 U	10 U		10 U	
1,2-DICHLOROETHANE	5 U	5 U	10 U		10 U	
1,2-DICHLOROETHENE (TOTAL)	5 U	5 U	10 U		10 U	
1,2-DICHLOROPROPANE	5 U	5 U	10 U		10 U	
2-BUTANONE	10 U	10 U	10 U		10 U	
2-HEXANONE	10 U	10 U	10 U		10 U	
4-METHYL-2-PENTANONE	10 U	10 U	10 U		10 U	
ACETONE	10 U	10 U	10 U		10 U	
BENZENE	5 U	5 U	10 U		10 U	
BROMODICHLOROMETHANE	5 U	5 U	10 U		10 U	
BROMOFORM	5 U	5 U	10 U		10 U	
BROMOMETHANE	10 U	10 U	10 U		10 U	
CARBON DISULFIDE	5 U	5 U	10 U		10 U	
CARBON TETRACHLORIDE	5 U	5 U	10 U		10 U	
CHLOROBENZENE	5 U	5 U	10 U		10 U	
CHLOROETHANE	10 U	10 U	10 U		10 U	
CHLOROFORM	5 U	5 U	1 J		10 U	
CHLOROMETHANE	10 U	10 U	10 U		10 U	
CIS-1,3-DICHLOROPROPENE	5 U	5 U	10 U		10 U	
DIBROMOCHLOROMETHANE	5 U	5 U	10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011891-13MW10S	011891-13MW18S	13GW10	13GW10	13GW10-2	13GW10-2
INVESTIGATION:	PH1	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	01/18/91	01/18/91	03/05/94	03/05/94	06/23/94	06/23/94
LOCATION:	13MW10	13MW10	13MW10	13MW10	13MW10	13MW10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		011891-13MW10S				
VOLATILES (µg/L)						
ETHYLBENZENE	5 U	5 U	10 U		10 U	
METHYLENE CHLORIDE	5 U	5 U	10 U		10 U	
STYRENE	5 U	5 U	10 U		10 U	
TETRACHLOROETHENE	5 U	5 U	10 U		10 U	
TOLUENE	5 U	5 U	10 U		10 U	
TRANS-1,3-DICHLOROPROPENE	5 U	5 U	10 U		10 U	
TRICHLOROETHENE	5 U	5 U	10 U		10 U	
VINYL ACETATE	10 U	10 U	10 U		10 UJ	
VINYL CHLORIDE	10 U	10 U	10 U		10 U	
XYLENES, TOTAL	5 U	5 U	10 U		10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			10 U		10 U	
1,2-DICHLOROBENZENE			10 U		10 U	
1,3-DICHLOROBENZENE			10 U		10 U	
1,4-DICHLOROBENZENE			10 U		10 U	
2,4,5-TRICHLOROPHENOL			25 U		25 U	
2,4,6-TRICHLOROPHENOL			10 U		10 U	
2,4-DICHLOROPHENOL			10 U		10 U	
2,4-DIMETHYLPHENOL			10 U		10 U	
2,4-DINITROPHENOL			25 U		25 U	
2,4-DINITROTOLUENE			10 U		10 U	
2,6-DINITROTOLUENE			10 U		10 U	
2-CHLORONAPHTHALENE			10 U		10 U	
2-CHLOROPHENOL			10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011891-13MW10S	011891-13MW18S	13GW10	13GW10	13GW10-2	13GW10-2
INVESTIGATION:	PH1	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	01/18/91	01/18/91	03/05/94	03/05/94	06/23/94	06/23/94
LOCATION:	13MW10	13MW10	13MW10	13MW10	13MW10	13MW10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		011891-13MW10S				
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE			10 U		10 U	
2-METHYLPHENOL			10 U		10 U	
2-NITROANILINE			25 U		25 U	
2-NITROPHENOL			10 U		10 U	
3,3'-DICHLOROBENZIDINE			10 U		10 U	
3-NITROANILINE			25 U		25 U	
4,6-DINITRO-2-METHYLPHENOL			25 U		25 U	
4-BROMOPHENYL PHENYL ETHER			10 U		10 U	
4-CHLORO-3-METHYLPHENOL			10 U		10 U	
4-CHLOROANILINE			10 U		10 U	
4-CHLOROPHENYL PHENYL ETHER			10 U		10 U	
4-METHYLPHENOL			10 U		10 U	
4-NITROANILINE			25 U		25 U	
4-NITROPHENOL			25 U		25 U	
ACENAPHTHENE			10 U		10 U	
ACENAPHTHYLENE			10 U		10 U	
ANTHRACENE			10 U		10 U	
BENZO(A)ANTHRACENE			10 U		10 U	
BENZO(A)PYRENE			10 U		10 U	
BENZO(B)FLUORANTHENE			10 U		10 U	
BENZO(G,H,I)PERYLENE			10 U		10 U	
BENZO(K)FLUORANTHENE			10 U		10 U	
BENZOIC ACID			50 U		50 U	
BENZYL ALCOHOL			10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011891-13MW10S	011891-13MW18S	13GW10	13GW10	13GW10-2	13GW10-2
INVESTIGATION:	PH1	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	01/18/91	01/18/91	03/05/94	03/05/94	06/23/94	06/23/94
LOCATION:	13MW10	13MW10	13MW10	13MW10	13MW10	13MW10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		011891-13MW10S				
SEMIVOLATILES (µg/L)						
BIS(2-CHLOROETHOXY)METHANE			10 U		10 U	
BIS(2-CHLOROETHYL)ETHER			10 U		10 U	
BIS(2-CHLOROISOPROPYL) ETHER			10 U		10 U	
BIS(2-ETHYLHEXYL)PHTHALATE			10 U		0.8 J	
BUTYLBENZYL PHTHALATE			10 U		10 U	
CARBAZOLE			10 U		10 U	
CHRYSENE			10 U		10 U	
DI-N-BUTYL PHTHALATE			10 U		10 U	
DI-N-OCTYL PHTHALATE			10 U		10 U	
DIBENZO(A,H)ANTHRACENE			10 U		10 U	
DIBENZOFURAN			10 U		10 U	
DIETHYL PHTHALATE			10 U		10 U	
DIMETHYL PHTHALATE			10 U		10 U	
FLUORANTHENE			10 U		10 U	
FLUORENE			10 U		10 U	
HEXACHLOROBENZENE			10 U		10 U	
HEXACHLOROBUTADIENE			10 U		10 U	
HEXACHLOROCYCLOPENTADIENE			10 U		10 U	
HEXACHLOROETHANE			10 U		10 U	
INDENO(1,2,3-CD)PYRENE			10 U		10 U	
ISOPHORONE			10 U		10 U	
N-NITROSO-DI-N-PROPYLAMINE			10 U		10 U	
N-NITROSODIPHENYLAMINE			10 U		10 U	
NAPHTHALENE			10 U		10 U	

00004

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011891-13MW10S	011891-13MW18S	13GW10	13GW10	13GW10-2	13GW10-2
INVESTIGATION:	PH1	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	01/18/91	01/18/91	03/05/94	03/05/94	06/23/94	06/23/94
LOCATION:	13MW10	13MW10	13MW10	13MW10	13MW10	13MW10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		011891-13MW10S				
SEMIVOLATILES (µg/L)						
NITROBENZENE			10 U		10 U	
PENTACHLOROPHENOL			25 U		25 U	
PHENANTHRENE			10 U		10 U	
PHENOL			10 U		10 U	
PYRENE			10 U		10 U	
METALS (µg/L)						
ALUMINUM	30 U	30 U	35.4 U	14 U	18.5 U	15 U
ANTIMONY	25 U	25 U	15 U	15 U	13 U	13 U
ARSENIC	3 U	3 U	2 U	2 U	10 U	10
BARIUM	15 U	15 U	5.6 U	5 U	21.7	21.7
BERYLLIUM	1 U	1 U	1 U	1 U	1 U	1 U
BORON	12 R	12 R	297	291	630	627
CADMIUM	2 U	2 U	3.3 J	2 UJ	3 U	3 U
CALCIUM	28200	28100	39800	39300	113000	113000
CHROMIUM	5 U	5 U	3 U	3 U	4 U	4 U
COBALT	5 U	5 U	4 U	4 U	5 U	5 U
COPPER	5 U	5 U	4 J	3.4 J	5 U	5 U
CYANIDE	5 UJ	5 UJ				
IRON	68.2 J	122 J	78.5 J	15.1 U	50.3 U	37.8 U
LEAD	10 UJ	10 UJ	1 UJ	1 U	2 UJ	20 UJ
MAGNESIUM	57700	57100	76400	75200	215000	212000
MANGANESE	2 U	2 U	3 U	2.8 U	22.6	22.2
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	21.8 J	17.4 J	10 U	10 U	11 U	11 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	011891-13MW10S	011891-13MW18S	13GW10	13GW10	13GW10-2	13GW10-2
INVESTIGATION:	PH1	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	01/18/91	01/18/91	03/05/94	03/05/94	06/23/94	06/23/94
LOCATION:	13MW10	13MW10	13MW10	13MW10	13MW10	13MW10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		011891-13MW10S				
METALS (µg/L)						
POTASSIUM	20700	20600	30200 J	30000 J	68800	68100
SELENIUM	2.8	2.2	3 UJ	3 UJ	2 UJ	2 UJ
SILVER	7 U	7 U	2 U	3 U	2 U	2 U
SODIUM	15500 J	499000 J	677000	672000	1850000	1880000
THALLIUM	2 U	20 U	10 UJ	10 UJ	10 UJ	10 UJ
VANADIUM	20 U	20 U	5 U	5 U	4 U	4 U
ZINC	22.9 J	21 J	23.3	14.5 U	37.6	37.7
PETROLEUM HYDROCARBONS (µg/L)						
TPH	3000 U	3000 U	500 U		500 U	
MISCELLANEOUS PARAMETERS						
HARDNESS AS CaCO3 (MG/L)			432		1240	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1001	LS2GW13MW1001-F	012191-13MW11S	13GW11	13GW11	13GW11-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/12/97	11/12/97	01/21/91	03/05/94	03/05/94	06/27/94
LOCATION:	13MW10	13MW10	13MW11	13MW11	13MW11	13MW11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE			5 U	10 U		10 U
1,1,2,2-TETRACHLOROETHANE			5 U	10 U		10 U
1,1,2-TRICHLOROETHANE			5 U	10 U		10 U
1,1-DICHLOROETHANE			5 U	10 U		10 U
1,1-DICHLOROETHENE			5 U	10 U		10 U
1,2-DICHLOROETHANE			5 U	10 U		10 U
1,2-DICHLOROETHENE (TOTAL)			5 U	10 U		10 U
1,2-DICHLOROPROPANE			5 U	10 U		10 U
2-BUTANONE			10 U	10 U		10 U
2-HEXANONE			10 U	10 U		10 UJ
4-METHYL-2-PENTANONE			10 U	10 U		10 U
ACETONE			12 U	10 U		10 U
BENZENE			5 U	10 U		10 U
BROMODICHLOROMETHANE			5 U	10 U		10 U
BROMOFORM			5 U	10 U		10 U
BROMOMETHANE			10 U	10 U		10 U
CARBON DISULFIDE			5 U	10 U		10 U
CARBON TETRACHLORIDE			5 U	10 U		10 U
CHLOROBENZENE			5 U	10 U		10 U
CHLOROETHANE			10 U	10 U		10 U
CHLOROFORM			5 U	10 U		10 U
CHLOROMETHANE			10 U	10 U		10 U
CIS-1,3-DICHLOROPROPENE			5 U	10 U		10 U
DIBROMOCHLOROMETHANE			5 U	10 U		10 U

00007

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1001	LS2GW13MW1001-F	012191-13MW11S	13GW11	13GW11	13GW11-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/12/97	11/12/97	01/21/91	03/05/94	03/05/94	06/27/94
LOCATION:	13MW10	13MW10	13MW11	13MW11	13MW11	13MW11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE			5 U	10 U		10 U
METHYLENE CHLORIDE			5 U	10 U		70 U
STYRENE			5 U	10 U		10 U
TETRACHLOROETHENE			5 U	10 U		10 U
TOLUENE			5 U	10 U		10 U
TRANS-1,3-DICHLOROPROPENE			5 U	10 U		10 U
TRICHLOROETHENE			5 U	10 U		10 U
VINYL ACETATE			10 U	10 U		10 U
VINYL CHLORIDE			10 U	10 U		10 U
XYLENES, TOTAL			5 U	10 U		10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	11 U			10 U		10 U
1,2-DICHLOROBENZENE	11 U			10 U		10 U
1,3-DICHLOROBENZENE	11 U			10 U		10 U
1,4-DICHLOROBENZENE	11 U			10 U		10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	11 U					
2,4,5-TRICHLOROPHENOL	28 U			25 U		25 U
2,4,6-TRICHLOROPHENOL	11 U			10 U		10 U
2,4-DICHLOROPHENOL	11 U			10 U		10 U
2,4-DIMETHYLPHENOL	11 U			10 U		10 U
2,4-DINITROPHENOL	28 U			25 U		25 UJ
2,4-DINITROTOLUENE	11 U			10 U		10 U
2,6-DINITROTOLUENE	11 U			10 U		10 U
2-CHLORONAPHTHALENE	11 U			10 U		10 U

00008

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1001	LS2GW13MW1001-F	012191-13MW11S	13GW11	13GW11	13GW11-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/12/97	11/12/97	01/21/91	03/05/94	03/05/94	06/27/94
LOCATION:	13MW10	13MW10	13MW11	13MW11	13MW11	13MW11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	11 U			10 U		10 U
2-METHYLNAPHTHALENE	11 U			10 U		10 U
2-METHYLPHENOL	11 U			10 U		10 U
2-NITROANILINE	28 U			25 U		25 U
2-NITROPHENOL	11 U			10 U		10 U
3,3'-DICHLOROBENZIDINE	11 U			10 U		10 U
3-NITROANILINE	28 U			25 U		25 U
4,6-DINITRO-2-METHYLPHENOL	28 U			25 U		25 UJ
4-BROMOPHENYL PHENYL ETHER	11 U			10 U		10 U
4-CHLORO-3-METHYLPHENOL	11 U			10 U		10 U
4-CHLOROANILINE	11 U			10 U		10 U
4-CHLOROPHENYL PHENYL ETHER	11 U			10 U		10 U
4-METHYLPHENOL	11 U			10 U		10 U
4-NITROANILINE	28 U			25 U		25 U
4-NITROPHENOL	28 U			25 U		25 U
ACENAPHTHENE	11 U			10 U		10 U
ACENAPHTHYLENE	11 U			10 U		10 U
ANTHRACENE	11 U			10 U		10 U
BENZO(A)ANTHRACENE	11 U			10 U		10 U
BENZO(A)PYRENE	11 U			10 U		10 U
BENZO(B)FLUORANTHENE	11 U			10 U		10 U
BENZO(G,H,I)PERYLENE	11 U			10 U		10 U
BENZO(K)FLUORANTHENE	11 U			10 U		10 U
BENZOIC ACID				50 U		50 U

60000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1001	LS2GW13MW1001-F	012191-13MW11S	13GW11	13GW11	13GW11-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/12/97	11/12/97	01/21/91	03/05/94	03/05/94	06/27/94
LOCATION:	13MW10	13MW10	13MW11	13MW11	13MW11	13MW11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL				10 U		10 U
BIS(2-CHLOROETHOXY)METHANE	11 U			10 U		10 U
BIS(2-CHLOROETHYL)ETHER	11 U			10 U		10 U
BIS(2-CHLOROISOPROPYL) ETHER				10 U		10 U
BIS(2-ETHYLHEXYL)PHTHALATE	11 U			10 U		10 U
BUTYLBENZYL PHTHALATE	1 J			10 U		10 U
CARBAZOLE	11 U			10 U		10 U
CHRYSENE	11 U			10 U		10 U
DI-N-BUTYL PHTHALATE	0.9 J			10 U		10 U
DI-N-OCTYL PHTHALATE	11 U			10 U		10 U
DIBENZO(A,H)ANTHRACENE	11 U			10 U		10 U
DIBENZOFURAN	11 U			10 U		10 U
DIETHYL PHTHALATE	11 U			10 U		10 U
DIMETHYL PHTHALATE	11 U			10 U		10 U
FLUORANTHENE	11 U			10 U		10 U
FLUORENE	11 U			10 U		10 U
HEXACHLOROBENZENE	11 U			10 U		10 U
HEXACHLOROBUTADIENE	11 U			10 U		10 U
HEXACHLOROCYCLOPENTADIENE	11 U			10 U		10 U
HEXACHLOROETHANE	11 U			10 U		10 U
INDENO(1,2,3-CD)PYRENE	11 U			10 U		10 U
ISOPHORONE	11 U			10 U		10 U
N-NITROSO-DI-N-PROPYLAMINE	11 U			10 U		10 U
N-NITROSODIPHENYLAMINE	11 U			10 U		10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1001	LS2GW13MW1001-F	012191-13MW11S	13GW11	13GW11	13GW11-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/12/97	11/12/97	01/21/91	03/05/94	03/05/94	06/27/94
LOCATION:	13MW10	13MW10	13MW11	13MW11	13MW11	13MW11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE	11 U			10 U		10 U
NITROBENZENE	11 U			10 U		10 U
PENTACHLOROPHENOL	28 U			25 U		25 U
PHENANTHRENE	11 U			10 U		10 U
PHENOL	11 U			10 U		10 U
PYRENE	11 U			10 U		10 U
METALS (µg/L)						
ALUMINUM	501 U	39.3 U	30 U	67.5 U	20.6 U	42 U
ANTIMONY	2.5 U	2.6 J	25 U	15 U	15.1	3 U
ARSENIC	2.5 U	2.5 U	3 U	4.6 J	3.1 J	4.7
BARIUM	23.7	15.4	15 U	26 U	23.6 U	41.8
BERYLLIUM	0.11 U	0.11 UJ	1 U	1 U	1 U	1 U
BORON			1.5 R	50 U	50 U	108
CADMIUM	0.42 U	0.22 U	2 UJ	2 UJ	2 UJ	1 U
CALCIUM	83400	64500	15300	21600	21900	34100
CHROMIUM	2.8 U	1.0 J	5 U	3 U	3 U	1.2 J
COBALT	2.1	1.0 J	5 U	4 U	4 U	1 U
COPPER	21.8	4.4 U	5 U	34.7	2.5 J	2 U
CYANIDE			5 UJ			
IRON	9930	13.0 U	3210 J	6620	3320	5470
LEAD	27.7	6.1	2.2 J	23.2 J	1 UJ	2 UJ
MAGNESIUM	194000	149000	4540	7260	7330	15700
MANGANESE	56.0	3.3	278	276	249	356
MERCURY	0.03 U	0.02 U	0.2 UJ	0.2 U	0.2 U	0.2 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1001	LS2GW13MW1001-F	012191-13MW11S	13GW11	13GW11	13GW11-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/12/97	11/12/97	01/21/91	03/05/94	03/05/94	06/27/94
LOCATION:	13MW10	13MW10	13MW11	13MW11	13MW11	13MW11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	5.2	0.97 J	18.7 J	10 U	10 U	12 U
POTASSIUM	64400	50100	3970	5980 J	5910 J	9500
SELENIUM	1.9 U	1.9 U	1 UJ	3 UJ	3 UJ	2 U
SILVER	1.1 U	1.3 J	7 UJ	2 U	2.9 U	1 U
SODIUM	1640000 J	1250000 J	39200 J	127000	130000	171000
THALLIUM	4.8 U	4.8 U	2 UR	10 UJ	10 UJ	20 UR
VANADIUM	3.1	0.63 J	20 U	5 U	5 U	1 U
ZINC	58.2	33.2	14.8 J	20.1	4.2 U	5
PETROLEUM HYDROCARBONS (µg/L)						
OIL & GREASE						500 U
TPH	1000 U		2000 U	600		500 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	1.52					
REDOX POTENTIAL (MV)	2.9					
SALINITY (PPT)	4					
SPECIFIC CONDUCTIVITY (MS/CM)	7.339					
TEMPERATURE (C)	15.59					
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	68					
AMMONIA, AS NITROGEN (MG/L)	0.10 U					0.4
CHEMICAL OXYGEN DEMAND (MG/L)						2 U
CHLORIDE (MG/L)	2000					
DIVALENT IRON (MG/L)	0					
HARDNESS AS CaCO3 (MG/L)	940			84		144

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1001	LS2GW13MW1001-F	012191-13MW11S	13GW11	13GW11	13GW11-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	11/12/97	11/12/97	01/21/91	03/05/94	03/05/94	06/27/94
LOCATION:	13MW10	13MW10	13MW11	13MW11	13MW11	13MW11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
METHANE (UG/L)	5.4 U					
NITRATE, AS NITROGEN (MG/L)	1.1 J					
PHOSPHORUS (MG/L)	0.33 J					
SULFATE (MG/L)	390					
TOTAL ORGANIC CARBON (MG/L)	2.4 J					2 U
TOTAL PHOSPHORUS (MG/L)						0.1 U
TOTAL SUSPENDED SOLIDS (MG/L)						8
TURBIDITY (NTU)	2.5					
GENERAL CHEMISTRY						
PH	6.56					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW112	LS2GW13MW1101	LS2GW13MW1101-F	011591-13MW17S	13GW17	13GW17D
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/27/94	11/11/97	11/11/97	01/15/91	03/06/94	03/06/94
LOCATION:	13MW11	13MW11	13MW11	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13GW17
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE				5 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE				5 U	10 U	10 U
1,1,2-TRICHLOROETHANE				5 U	10 U	10 U
1,1-DICHLOROETHANE				5 U	10 U	10 U
1,1-DICHLOROETHENE				5 U	10 U	10 U
1,2-DICHLOROETHANE				5 U	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)				5 U	10 U	10 U
1,2-DICHLOROPROPANE				5 U	10 U	10 U
2-BUTANONE				10 U	10 U	10 U
2-HEXANONE				10 U	10 U	10 U
4-METHYL-2-PENTANONE				10 U	10 U	10 U
ACETONE				10 U	10 U	10 U
BENZENE				5 U	10 U	10 U
BROMODICHLOROMETHANE				5 U	10 U	10 U
BROMOFORM				5 U	10 U	10 U
BROMOMETHANE				10 U	10 U	10 U
CARBON DISULFIDE				5 U	10 U	10 U
CARBON TETRACHLORIDE				5 U	10 U	10 U
CHLOROBENZENE				5 U	10 U	10 U
CHLOROETHANE				10 U	10 U	10 U
CHLOROFORM				5 U	10 U	10 U
CHLOROMETHANE				10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE				5 U	10 U	10 U
DIBROMOCHLOROMETHANE				5 U	10 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW112	LS2GW13MW1101	LS2GW13MW1101-F	011591-13MW17S	13GW17	13GW17D
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/27/94	11/11/97	11/11/97	01/15/91	03/06/94	03/06/94
LOCATION:	13MW11	13MW11	13MW11	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13GW17
VOLATILES (µg/L)						
ETHYLBENZENE				5 U	10 U	10 U
METHYLENE CHLORIDE				5 U	10 U	10 U
STYRENE				5 U	10 U	10 U
TETRACHLOROETHENE				5 U	10 U	10 U
TOLUENE				5 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE				5 U	10 U	10 U
TRICHLOROETHENE				5 U	10 U	10 U
VINYL ACETATE				10 U	10 U	10 U
VINYL CHLORIDE				10 U	10 U	10 U
XYLENES, TOTAL				5 U	10 U	10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		11 U			10 U	10 U
1,2-DICHLOROBENZENE		11 U			10 U	10 U
1,3-DICHLOROBENZENE		11 U			10 U	10 U
1,4-DICHLOROBENZENE		11 U			10 U	10 U
2,2'-OXYBIS(1-CHLOROPROPANE)		11 U				
2,4,5-TRICHLOROPHENOL		28 U			25 U	25 U
2,4,6-TRICHLOROPHENOL		11 U			10 U	10 U
2,4-DICHLOROPHENOL		11 U			10 U	10 U
2,4-DIMETHYLPHENOL		11 U			10 U	10 U
2,4-DINITROPHENOL		28 U			25 U	25 U
2,4-DINITROTOLUENE		11 U			10 U	10 U
2,6-DINITROTOLUENE		11 U			10 U	10 U
2-CHLORONAPHTHALENE		11 U			10 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW112	LS2GW13MW1101	LS2GW13MW1101-F	011591-13MW17S	13GW17	13GW17D
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/27/94	11/11/97	11/11/97	01/15/91	03/06/94	03/06/94
LOCATION:	13MW11	13MW11	13MW11	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13GW17
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		11 U			10 U	10 U
2-METHYLNAPHTHALENE		11 U			10 U	10 U
2-METHYLPHENOL		11 U			10 U	10 U
2-NITROANILINE		28 U			25 U	25 U
2-NITROPHENOL		11 U			10 U	10 U
3,3'-DICHLOROBENZIDINE		11 U			10 U	10 U
3-NITROANILINE		28 U			25 U	25 U
4,6-DINITRO-2-METHYLPHENOL		28 U			25 U	25 U
4-BROMOPHENYL PHENYL ETHER		11 U			10 U	10 U
4-CHLORO-3-METHYLPHENOL		11 U			10 U	10 U
4-CHLOROANILINE		11 U			10 U	10 U
4-CHLOROPHENYL PHENYL ETHER		11 U			10 U	10 U
4-METHYLPHENOL		11 U			10 U	10 U
4-NITROANILINE		28 U			25 U	25 U
4-NITROPHENOL		28 U			25 U	25 U
ACENAPHTHENE		11 U			10 U	10 U
ACENAPHTHYLENE		11 U			10 U	10 U
ANTHRACENE		11 U			10 U	10 U
BENZO(A)ANTHRACENE		11 U			10 U	10 U
BENZO(A)PYRENE		11 U			10 U	10 U
BENZO(B)FLUORANTHENE		11 U			10 U	10 U
BENZO(G,H,I)PERYLENE		11 U			10 U	10 U
BENZO(K)FLUORANTHENE		11 U			10 U	10 U
BENZOIC ACID					50 U	50 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW112	LS2GW13MW1101	LS2GW13MW1101-F	011591-13MW17S	13GW17	13GW17D
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/27/94	11/11/97	11/11/97	01/15/91	03/06/94	03/06/94
LOCATION:	13MW11	13MW11	13MW11	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13GW17
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL					10 U	10 U
BIS(2-CHLOROETHOXY)METHANE		11 U			10 U	10 U
BIS(2-CHLOROETHYL)ETHER		11 U			10 U	10 U
BIS(2-CHLOROISOPROPYL) ETHER					10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE		11 U			10 U	10 U
BUTYLBENZYL PHTHALATE		11 U			10 U	10 U
CARBAZOLE		11 U			10 U	10 U
CHRYSENE		11 U			10 U	10 U
DI-N-BUTYL PHTHALATE		11 U			10 U	10 U
DI-N-OCTYL PHTHALATE		3 J			10 U	10 U
DIBENZO(A,H)ANTHRACENE		11 U			10 U	10 U
DIBENZOFURAN		11 U			10 U	10 U
DIETHYL PHTHALATE		11 U			10 U	10 U
DIMETHYL PHTHALATE		11 U			10 U	10 U
FLUORANTHENE		11 U			10 U	10 U
FLUORENE		11 U			10 U	10 U
HEXACHLOROBENZENE		11 U			10 U	10 U
HEXACHLOROBUTADIENE		11 U			10 U	10 U
HEXACHLOROCYCLOPENTADIENE		11 U			10 U	10 U
HEXACHLOROETHANE		11 U			10 U	10 U
INDENO(1,2,3-CD)PYRENE		11 U			10 U	10 U
ISOPHORONE		11 U			10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE		11 U			10 U	10 U
N-NITROSODIPHENYLAMINE		11 U			10 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW112	LS2GW13MW1101	LS2GW13MW1101-F	011591-13MW17S	13GW17	13GW17D
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/27/94	11/11/97	11/11/97	01/15/91	03/06/94	03/06/94
LOCATION:	13MW11	13MW11	13MW11	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13GW17
SEMIVOLATILES (µg/L)						
NAPHTHALENE		11 U			10 U	10 U
NITROBENZENE		11 U			10 U	10 U
PENTACHLOROPHENOL		28 U			25 U	25 U
PHENANTHRENE		11 U			10 U	10 U
PHENOL		11 U			10 U	10 U
PYRENE		11 U			10 U	10 U
METALS (µg/L)						
ALUMINUM	33.9	363 U	25.3 U	30 U	14 U	14 U
ANTIMONY	13.2	4.1 J	4.3 U	25 U	15 U	15 U
ARSENIC	3.8	2.5 U	2.5 U	3 U	2 U	2 U
BARIUM	44.3	31.6	29.1	15 U	10.3 U	6.5 U
BERYLLIUM	1 U	0.19 U	0.19 U	1 U	1 U	1 U
BORON	105			5.7 R	116	116
CADMIUM	2 U	0.22 U	0.22 U	2 U	2 UJ	2 UJ
CALCIUM	36500	14600	14900	28600	27200	27400
CHROMIUM	3.5	3.1 U	3.1 U	5 U	3 U	3 U
COBALT	3 U	2.9 U	2.9 U	5 U	4 U	4 U
COPPER	2 U	3.2	1.5 U	5 U	2 U	2 U
CYANIDE				5 UJ		
IRON	5070	1650	900	225 J	18.6 U	15.2 U
LEAD	2 U	2.7	1.3 U	2.5 J	1.3 J	1.3 J
MAGNESIUM	15500	8050	8210	15000	24300	24500
MANGANESE	387	90.2	79.5	18.6	2 U	2 U
MERCURY	0.2 U	0.04 U	0.03 U	0.2 U	0.2 U	0.2 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW112	LS2GW13MW1101	LS2GW13MW1101-F	011591-13MW17S	13GW17	13GW17D
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/27/94	11/11/97	11/11/97	01/15/91	03/06/94	03/06/94
LOCATION:	13MW11	13MW11	13MW11	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13GW17
METALS (µg/L)						
NICKEL	7 U	9.0 U	9.0 U	21.8 J	10 U	10 U
POTASSIUM	9600	8470	8530	7780	10000 J	10400 J
SELENIUM	2 U	1.9 U	1.9 U	1 U	3 UJ	3 UJ
SILVER	2 U	2.8 U	2.8 U	7 U	2 U	2 U
SODIUM	172000	113000	117000	112000	196000	198000
THALLIUM	2 U	4.8 U	4.8 UJ	2 U	10 UJ	10 UJ
VANADIUM	3 U	2.9 U	3.4 U	20 U	5 U	5 U
ZINC	4.5	15.8 U	8.7 U	19.9 J	5.5 U	5.8 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH		1000 U		3000 U	500 U	500 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)		3.7				
REDOX POTENTIAL (MV)		-105.1				
SALINITY (PPT)		0.44				
SPECIFIC CONDUCTIVITY (MS/CM)		0.871				
TEMPERATURE (C)		19.71				
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)		67				
AMMONIA, AS NITROGEN (MG/L)		13				
CHLORIDE (MG/L)		210				
DIVALENT IRON (MG/L)		1.2				
HARDNESS AS CaCO3 (MG/L)		76			162	164
METHANE (UG/L)		1000				
NITRATE, AS NITROGEN (MG/L)		1.6 J				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW112	LS2GW13MW1101	LS2GW13MW1101-F	011591-13MW17S	13GW17	13GW17D
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/27/94	11/11/97	11/11/97	01/15/91	03/06/94	03/06/94
LOCATION:	13MW11	13MW11	13MW11	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						13GW17
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)		0.19 J				
SULFATE (MG/L)		48				
TOTAL ORGANIC CARBON (MG/L)		4.5 J				
TURBIDITY (NTU)		1.5				
GENERAL CHEMISTRY						
PH		6.76				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW17	13GW17D	13GW17-2	13GW17-D-2	13GW172	13GW17D-2
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	03/06/94	03/06/94	06/25/94	06/25/94	06/25/94	06/25/94
LOCATION:	13MW17	13MW17	13MW17	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:		13GW17-DISS		13MW17-2		13MW172-DISS
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE			10 U	10 U		
1,1,2,2-TETRACHLOROETHANE			10 U	10 U		
1,1,2-TRICHLOROETHANE			10 U	10 U		
1,1-DICHLOROETHANE			10 U	10 U		
1,1-DICHLOROETHENE			10 U	10 U		
1,2-DICHLOROETHANE			10 U	10 U		
1,2-DICHLOROETHENE (TOTAL)			10 U	10 U		
1,2-DICHLOROPROPANE			10 U	10 U		
2-BUTANONE			10 U	10 U		
2-HEXANONE			10 UJ	10 UJ		
4-METHYL-2-PENTANONE			10 U	10 U		
ACETONE			10 U	10 U		
BENZENE			10 U	10 U		
BROMODICHLOROMETHANE			10 U	10 U		
BROMOFORM			10 U	10 U		
BROMOMETHANE			10 U	10 U		
CARBON DISULFIDE			10 U	10 U		
CARBON TETRACHLORIDE			10 U	10 U		
CHLOROBENZENE			10 U	10 U		
CHLOROETHANE			10 U	10 U		
CHLOROFORM			10 U	10 U		
CHLOROMETHANE			10 U	10 U		
CIS-1,3-DICHLOROPROPENE			10 U	10 U		
DIBROMOCHLOROMETHANE			10 U	10 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW17	13GW17D	13GW17-2	13GW17-D-2	13GW172	13GW17D-2
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	03/06/94	03/06/94	06/25/94	06/25/94	06/25/94	06/25/94
LOCATION:	13MW17	13MW17	13MW17	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:		13GW17-DISS		13MW17-2		13MW172-DISS
VOLATILES (µg/L)						
ETHYLBENZENE			10 U	10 U		
METHYLENE CHLORIDE			10 U	10 U		
STYRENE			10 U	10 U		
TETRACHLOROETHENE			10 U	10 U		
TOLUENE			10 U	10 U		
TRANS-1,3-DICHLOROPROPENE			10 U	10 U		
TRICHLOROETHENE			10 U	10 U		
VINYL ACETATE			10 U	10 U		
VINYL CHLORIDE			10 U	10 U		
XYLENES, TOTAL			10 U	10 U		
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			10 U	10 U		
1,2-DICHLOROBENZENE			10 U	10 U		
1,3-DICHLOROBENZENE			10 U	10 U		
1,4-DICHLOROBENZENE			10 U	10 U		
2,4,5-TRICHLOROPHENOL			25 U	25 U		
2,4,6-TRICHLOROPHENOL			10 U	10 U		
2,4-DICHLOROPHENOL			10 U	10 U		
2,4-DIMETHYLPHENOL			10 U	10 U		
2,4-DINITROPHENOL			25 U	25 U		
2,4-DINITROTOLUENE			10 U	10 U		
2,6-DINITROTOLUENE			10 U	10 U		
2-CHLORONAPHTHALENE			10 U	10 U		
2-CHLOROPHENOL			10 U	10 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW17	13GW17D	13GW17-2	13GW17-D-2	13GW172	13GW17D-2
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	03/06/94	03/06/94	06/25/94	06/25/94	06/25/94	06/25/94
LOCATION:	13MW17	13MW17	13MW17	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:		13GW17-DISS		13MW17-2		13MW172-DISS
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE			10 U	10 U		
2-METHYLPHENOL			10 U	10 U		
2-NITROANILINE			25 U	25 U		
2-NITROPHENOL			10 U	10 U		
3,3'-DICHLOROBENZIDINE			10 U	10 U		
3-NITROANILINE			25 U	25 U		
4,6-DINITRO-2-METHYLPHENOL			25 U	25 U		
4-BROMOPHENYL PHENYL ETHER			10 U	10 U		
4-CHLORO-3-METHYLPHENOL			10 U	10 U		
4-CHLOROANILINE			10 U	10 U		
4-CHLOROPHENYL PHENYL ETHER			10 U	10 U		
4-METHYLPHENOL			10 U	10 U		
4-NITROANILINE			25 U	25 U		
4-NITROPHENOL			25 U	25 U		
ACENAPHTHENE			10 U	10 U		
ACENAPHTHYLENE			10 U	10 U		
ANTHRACENE			10 U	10 U		
BENZO(A)ANTHRACENE			10 U	10 U		
BENZO(A)PYRENE			10 U	10 U		
BENZO(B)FLUORANTHENE			10 U	10 U		
BENZO(G,H,I)PERYLENE			10 U	10 U		
BENZO(K)FLUORANTHENE			10 U	10 U		
BENZOIC ACID			50 U	50 U		
BENZYL ALCOHOL			10 U	10 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW17	13GW17D	13GW17-2	13GW17-D-2	13GW172	13GW17D-2
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	03/06/94	03/06/94	06/25/94	06/25/94	06/25/94	06/25/94
LOCATION:	13MW17	13MW17	13MW17	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:		13GW17-DISS		13MW17-2		13MW172-DISS
SEMIVOLATILES (µg/L)						
BIS(2-CHLOROETHOXY)METHANE			10 U	10 U		
BIS(2-CHLOROETHYL)ETHER			10 U	10 U		
BIS(2-CHLOROISOPROPYL) ETHER			10 U	10 U		
BIS(2-ETHYLHEXYL)PHTHALATE			10 U	10 U		
BUTYLBENZYL PHTHALATE			10 U	10 U		
CARBAZOLE			10 U	10 U		
CHRYSENE			10 U	10 U		
DI-N-BUTYL PHTHALATE			10 U	10 U		
DI-N-OCTYL PHTHALATE			10 U	10 U		
DIBENZO(A,H)ANTHRACENE			10 U	10 U		
DIBENZOFURAN			10 U	10 U		
DIETHYL PHTHALATE			10 U	10 U		
DIMETHYL PHTHALATE			10 U	10 U		
FLUORANTHENE			10 U	10 U		
FLUORENE			10 U	10 U		
HEXACHLOROBENZENE			10 U	10 U		
HEXACHLOROBUTADIENE			10 U	10 U		
HEXACHLOROCYCLOPENTADIENE			10 U	10 U		
HEXACHLOROETHANE			10 U	10 U		
INDENO(1,2,3-CD)PYRENE			10 U	10 U		
ISOPHORONE			10 U	10 U		
N-NITROSO-DI-N-PROPYLAMINE			10 U	10 U		
N-NITROSODIPHENYLAMINE			10 U	10 U		
NAPHTHALENE			10 U	10 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW17	13GW17D	13GW17-2	13GW17-D-2	13GW172	13GW17D-2
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	03/06/94	03/06/94	06/25/94	06/25/94	06/25/94	06/25/94
LOCATION:	13MW17	13MW17	13MW17	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:		13GW17-DISS		13MW17-2		13MW172-DISS
SEMIVOLATILES (µg/L)						
NITROBENZENE			10 U	10 U		
PENTACHLOROPHENOL			25 U	25 U		
PHENANTHRENE			10 U	10 U		
PHENOL			10 U	10 U		
PYRENE			10 U	10 U		
METALS (µg/L)						
ALUMINUM	17.3 U	17.9 U	10 U	17.3	10 UJ	15 U
ANTIMONY	15 U	15 U	5 U	5 U	6 J	5 U
ARSENIC	2 U	2 U	2 U	2 U	2 U	2 U
BARIUM	5.5 U	5.4 U	37	35.9	36.9 J	37.5 J
BERYLLIUM	1 U	1 U	1 U	1 U	1 U	1 U
BORON	111	112	317	305	307 J	326 J
CADMIUM	2 UJ	2 UJ	1 U	1 U	1 U	1 U
CALCIUM	25900	26400	77000	76500	77300	77900
CHROMIUM	3 U	3 U	1 U	1.1 J	1.3 J	1 U
COBALT	4 U	4 U	1 U	1 U	1 U	1 U
COPPER	2 U	2.3 J	3 U	3 U	3 U	3 U
IRON	8.1 U	9.6 U	17 U	29.2 J	17 U	17 U
LEAD	1 UJ	1.6 J	2 UJ	2.9 J	2 UR	2 UR
MAGNESIUM	23100	23300	90500	88600	90200	91100
MANGANESE	2.7 U	2 U	9.6	9.5	1.1 J	1 U
MERCURY	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
NICKEL	10 U	10 U	3 U	3 U	3 U	3 U
POTASSIUM	9780 J	10000 J	28200	28100	28900	29000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW17	13GW17D	13GW17-2	13GW17-D-2	13GW172	13GW17D-2
INVESTIGATION:	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	03/06/94	03/06/94	06/25/94	06/25/94	06/25/94	06/25/94
LOCATION:	13MW17	13MW17	13MW17	13MW17	13MW17	13MW17
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:		13GW17-DISS		13MW17-2		13MW172-DISS
METALS (µg/L)						
SELENIUM	3 UJ	3 UJ	2 UJ	2 UJ	2.7 J	2 UR
SILVER	2 U	2 U	2 U	2 U	2 U	2 U
SODIUM	187000	189000	749000 J	716000 J	755000 J	771000 J
THALLIUM	10 UJ	10 UJ	20 UJ	20 UJ	20 UR	20 UR
VANADIUM	5 U	5 U	1 U	1 U	1 U	1 U
ZINC	5.8 U	4.7 U	17.1	15.6	13.5	15.2
PETROLEUM HYDROCARBONS (µg/L)						
TPH			1000 U	1000 U		
MISCELLANEOUS PARAMETERS						
HARDNESS AS CaCO3 (MG/L)			565	556		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1701	LS2GW13MW1701-F	011891-13MW6S	13GW6	13GW6	13GW6-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	10/31/97	10/31/97	01/18/91	03/05/94	03/05/94	06/24/94
LOCATION:	13MW17	13MW17	13MW6	13MW6	13MW6	13MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE			5 U	3 J		10 U
1,1,2,2-TETRACHLOROETHANE			5 U	10 U		10 U
1,1,2-TRICHLOROETHANE			5 U	10 U		10 U
1,1-DICHLOROETHANE			5 U	10 U		10 U
1,1-DICHLOROETHENE			5 U	10 U		10 U
1,2-DICHLOROETHANE			5 U	10 U		10 U
1,2-DICHLOROETHENE (TOTAL)			5 U	10 U		10 U
1,2-DICHLOROPROPANE			5 U	10 U		10 U
2-BUTANONE			10 U	10 U		10 U
2-HEXANONE			10 U	10 U		10 UJ
4-METHYL-2-PENTANONE			10 U	10 U		10 U
ACETONE			10 U	10 U		10 U
BENZENE			5 U	10 U		10 U
BROMODICHLOROMETHANE			5 U	10 U		10 U
BROMOFORM			5 U	10 U		10 U
BROMOMETHANE			10 U	10 U		10 U
CARBON DISULFIDE			5 U	10 U		10 U
CARBON TETRACHLORIDE			5 U	10 U		10 U
CHLOROBENZENE			5 U	10 U		10 U
CHLOROETHANE			10 U	10 U		10 U
CHLOROFORM			5 U	10 U		10 U
CHLOROMETHANE			10 U	10 U		10 U
CIS-1,3-DICHLOROPROPENE			5 U	10 U		10 U
DIBROMOCHLOROMETHANE			5 U	10 U		10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1701	LS2GW13MW1701-F	011891-13MW6S	13GW6	13GW6	13GW6-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	10/31/97	10/31/97	01/18/91	03/05/94	03/05/94	06/24/94
LOCATION:	13MW17	13MW17	13MW6	13MW6	13MW6	13MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE			5 U	10 U		10 U
METHYLENE CHLORIDE			5 U	10 U		10 U
STYRENE			5 U	10 U		10 U
TETRACHLOROETHENE			5 U	2 J		10 U
TOLUENE			5 U	10 U		10 U
TRANS-1,3-DICHLOROPROPENE			5 U	10 U		10 U
TRICHLOROETHENE			5 U	10 U		10 U
VINYL ACETATE			10 U	10 U		10 U
VINYL CHLORIDE			10 U	10 U		10 U
XYLENES, TOTAL			5 U	10 U		10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	12 U			10 U		10 U
1,2-DICHLOROBENZENE	12 U			10 U		10 U
1,3-DICHLOROBENZENE	12 U			10 U		10 U
1,4-DICHLOROBENZENE	12 U			10 U		10 U
2,2'-OXYBIS(1-CHLOROPROPANE)	12 U					
2,4,5-TRICHLOROPHENOL	30 U			25 U		25 U
2,4,6-TRICHLOROPHENOL	12 U			10 U		10 U
2,4-DICHLOROPHENOL	12 U			10 U		10 U
2,4-DIMETHYLPHENOL	12 U			10 U		10 U
2,4-DINITROPHENOL	30 U			25 U		25 U
2,4-DINITROTOLUENE	12 U			10 U		10 U
2,6-DINITROTOLUENE	12 U			10 U		10 U
2-CHLORONAPHTHALENE	12 U			10 U		10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1701	LS2GW13MW1701-F	011891-13MW6S	13GW6	13GW6	13GW6-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	10/31/97	10/31/97	01/18/91	03/05/94	03/05/94	06/24/94
LOCATION:	13MW17	13MW17	13MW6	13MW6	13MW6	13MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	12 U			10 U		10 U
2-METHYLNAPHTHALENE	12 U			10 U		10 U
2-METHYLPHENOL	12 U			10 U		10 U
2-NITROANILINE	30 U			25 U		25 U
2-NITROPHENOL	12 U			10 U		10 U
3,3'-DICHLOROBENZIDINE	12 U			10 U		10 U
3-NITROANILINE	30 U			25 U		25 U
4,6-DINITRO-2-METHYLPHENOL	30 U			25 U		25 U
4-BROMOPHENYL PHENYL ETHER	12 U			10 U		10 U
4-CHLORO-3-METHYLPHENOL	12 U			10 U		10 U
4-CHLOROANILINE	12 U			10 U		10 U
4-CHLOROPHENYL PHENYL ETHER	12 U			10 U		10 U
4-METHYLPHENOL	12 U			10 U		10 U
4-NITROANILINE	30 U			25 U		25 U
4-NITROPHENOL	30 U			25 U		25 U
ACENAPHTHENE	12 U			10 U		10 U
ACENAPHTHYLENE	12 U			10 U		10 U
ANTHRACENE	12 U			10 U		10 U
BENZO(A)ANTHRACENE	12 U			10 U		10 U
BENZO(A)PYRENE	12 U			10 U		10 U
BENZO(B)FLUORANTHENE	12 U			10 U		10 U
BENZO(G,H,I)PERYLENE	12 U			10 U		10 U
BENZO(K)FLUORANTHENE	12 U			10 U		10 U
BENZOIC ACID				50 U		50 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1701	LS2GW13MW1701-F	011891-13MW6S	13GW6	13GW6	13GW6-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	10/31/97	10/31/97	01/18/91	03/05/94	03/05/94	06/24/94
LOCATION:	13MW17	13MW17	13MW6	13MW6	13MW6	13MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL				10 U		10 U
BIS(2-CHLOROETHOXY)METHANE	12 U			10 U		10 U
BIS(2-CHLOROETHYL)ETHER	12 U			10 U		10 U
BIS(2-CHLOROISOPROPYL) ETHER				10 U		10 U
BIS(2-ETHYLHEXYL)PHTHALATE	12 U			10 U		10 U
BUTYLBENZYL PHTHALATE	12 U			10 U		10 U
CARBAZOLE	12 U			10 U		10 U
CHRYSENE	12 U			10 U		10 U
DI-N-BUTYL PHTHALATE	12 U			10 U		10 U
DI-N-OCTYL PHTHALATE	12 U			10 U		10 U
DIBENZO(A,H)ANTHRACENE	12 U			10 U		10 U
DIBENZOFURAN	12 U			10 U		10 U
DIETHYL PHTHALATE	12 U			10 U		10 U
DIMETHYL PHTHALATE	12 U			10 U		10 U
FLUORANTHENE	12 U			10 U		10 U
FLUORENE	12 U			10 U		10 U
HEXACHLOROBENZENE	12 U			10 U		10 U
HEXACHLOROBUTADIENE	12 U			10 U		10 U
HEXACHLOROCYCLOPENTADIENE	12 U			10 U		10 U
HEXACHLOROETHANE	12 U			10 U		10 U
INDENO(1,2,3-CD)PYRENE	12 U			10 U		10 U
ISOPHORONE	12 U			10 U		10 U
N-NITROSO-DI-N-PROPYLAMINE	12 U			10 U		10 U
N-NITROSODIPHENYLAMINE	12 U			10 U		10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1701	LS2GW13MW1701-F	011891-13MW6S	13GW6	13GW6	13GW6-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	10/31/97	10/31/97	01/18/91	03/05/94	03/05/94	06/24/94
LOCATION:	13MW17	13MW17	13MW6	13MW6	13MW6	13MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE	12 U			10 U		10 U
NITROBENZENE	12 U			10 U		10 U
PENTACHLOROPHENOL	30 U			25 U		25 U
PHENANTHRENE	12 U			10 U		10 U
PHENOL	12 U			10 U		10 U
PYRENE	12 U			10 U		10 U
METALS (µg/L)						
ALUMINUM	10.0 UJ	10.0 UJ	30 U	14 U	19.2 U	23.8
ANTIMONY	2.5 U	2.5 U	25 U	15 U	15 U	5 U
ARSENIC	2.5 U	2.5 U	3 U	2 U	2 U	2 U
BARIUM	21.7	259	21	22.6 U	21.9 U	23.1
BERYLLIUM	0.11 U	0.20 U	1 U	1 U	1 U	1 U
BORON			3.6 R	60.8	57	78.8
CADMIUM	0.22 U	0.22 U	2 U	2 UJ	2 UJ	1 U
CALCIUM	63200	58700	31100	35900	34400	35100
CHROMIUM	1.0 U	0.93 U	5 U	3 U	3 U	1 U
COBALT	0.80 U	0.80 U	5 U	4 U	4 U	1 U
COPPER	4.9 U	3.7 U	5 U	2 U	2.2 J	3 U
CYANIDE			5 UJ			
IRON	96.5 U	13.0 U	46.7 J	27.4 U	12.7 U	17 U
LEAD	8.9	1.3 U	4.2 J	1 UJ	1 UJ	6.1 J
MAGNESIUM	59800	56300	5390	5810	5600	5740
MANGANESE	15.6	5.6	2 U	2 U	2 U	1 U
MERCURY	0.01 UJ	0.01 U	0.2 U	0.2 U	0.2 U	0.2 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1701	LS2GW13MW1701-F	011891-13MW6S	13GW6	13GW6	13GW6-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	10/31/97	10/31/97	01/18/91	03/05/94	03/05/94	06/24/94
LOCATION:	13MW17	13MW17	13MW6	13MW6	13MW6	13MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	0.75 U	0.77 J	18.7 J	10 U	10 U	3 U
POTASSIUM	22700	21700	5450	5960 J	6040 J	7030
SELENIUM	11.0 J	1.9 U	1.2	3 UJ	3 UJ	2 U
SILVER	1.1 U	1.1 U	7 U	2 U	2.5 U	2 U
SODIUM	525000	512000	53400 J	56800	55300	64600 J
THALLIUM	4.8 U	4.8 U	2 U	1 UJ	10 UJ	2 UJ
VANADIUM	0.72 U	0.55 U	20 U	5 U	5 U	1 U
ZINC	7.3 U	132	11.4 J	3.2 U	3.2 U	2.9 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1100 U		3000 U	600		1000 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	12.67					
REDOX POTENTIAL (MV)	127.4					
SALINITY (PPT)	1.65					
SPECIFIC CONDUCTIVITY (MS/CM)	3.129					
TEMPERATURE (C)	17.19					
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	52					
AMMONIA, AS NITROGEN (MG/L)	0.10 U					
CHLORIDE (MG/L)	1100					
DIVALENT IRON (MG/L)	0					
HARDNESS AS CaCO3 (MG/L)	530			116		111
METHANE (UG/L)	5.4 U					
NITRATE, AS NITROGEN (MG/L)	2.2					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2GW13MW1701	LS2GW13MW1701-F	011891-13MW6S	13GW6	13GW6	13GW6-2
INVESTIGATION:	1997RI	1997RI	PH1	PH2-1	PH2-1	PH2-2
SAMPLE DATE:	10/31/97	10/31/97	01/18/91	03/05/94	03/05/94	06/24/94
LOCATION:	13MW17	13MW17	13MW6	13MW6	13MW6	13MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)	0.12 J					
SULFATE (MG/L)	140					
TOTAL ORGANIC CARBON (MG/L)	2.6 J					
TURBIDITY (NTU)	2.6					
GENERAL CHEMISTRY						
PH	6.34					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW62	LS2GW13MW601	LS2GW13MW601-F	012191-NESOMW6S	NESO6	NESO6
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/24/94	11/04/97	11/04/97	01/21/91	03/05/94	03/05/94
LOCATION:	13MW6	13MW6	13MW6	NESO6	NESO6	NESO6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE				5 U	10 U	
1,1,2,2-TETRACHLOROETHANE				5 U	10 U	
1,1,2-TRICHLOROETHANE				5 U	10 U	
1,1-DICHLOROETHANE				5 U	10 U	
1,1-DICHLOROETHENE				5 U	10 U	
1,2-DICHLOROETHANE				5 U	10 U	
1,2-DICHLOROETHENE (TOTAL)				5 U	10 U	
1,2-DICHLOROPROPANE				5 U	10 U	
2-BUTANONE				10 U	10 U	
2-HEXANONE				10 U	10 U	
4-METHYL-2-PENTANONE				10 U	10 U	
ACETONE				10 U	10 U	
BENZENE				5 U	10 U	
BROMODICHLOROMETHANE				5 U	10 U	
BROMOFORM				5 U	10 U	
BROMOMETHANE				10 U	10 U	
CARBON DISULFIDE				2 J	10 U	
CARBON TETRACHLORIDE				5 U	10 U	
CHLOROBENZENE				5 U	10 U	
CHLOROETHANE				10 U	10 U	
CHLOROFORM				5 U	10 U	
CHLOROMETHANE				10 U	10 U	
CIS-1,3-DICHLOROPROPENE				5 U	10 U	
DIBROMOCHLOROMETHANE				5 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW62	LS2GW13MW601	LS2GW13MW601-F	012191-NESOMW6S	NESO6	NESO6
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/24/94	11/04/97	11/04/97	01/21/91	03/05/94	03/05/94
LOCATION:	13MW6	13MW6	13MW6	NESO6	NESO6	NESO6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE				5 U	10 U	
METHYLENE CHLORIDE				5 U	10 U	
STYRENE				5 U	10 U	
TETRACHLOROETHENE				5 U	10 U	
TOLUENE				5 U	10 U	
TRANS-1,3-DICHLOROPROPENE				5 U	10 U	
TRICHLOROETHENE				5 U	10 U	
VINYL ACETATE				10 U	10 U	
VINYL CHLORIDE				10 U	10 U	
XYLENES, TOTAL				5 U	10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		12 U			10 U	
1,2-DICHLOROBENZENE		12 U			10 U	
1,3-DICHLOROBENZENE		12 U			10 U	
1,4-DICHLOROBENZENE		12 U			10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)		12 U				
2,4,5-TRICHLOROPHENOL		30 U			25 U	
2,4,6-TRICHLOROPHENOL		12 U			10 U	
2,4-DICHLOROPHENOL		12 U			10 U	
2,4-DIMETHYLPHENOL		12 U			10 U	
2,4-DINITROPHENOL		30 U			25 U	
2,4-DINITROTOLUENE		12 U			10 U	
2,6-DINITROTOLUENE		12 U			10 U	
2-CHLORONAPHTHALENE		12 U			10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW62	LS2GW13MW601	LS2GW13MW601-F	012191-NESOMW6S	NESO6	NESO6
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/24/94	11/04/97	11/04/97	01/21/91	03/05/94	03/05/94
LOCATION:	13MW6	13MW6	13MW6	NESO6	NESO6	NESO6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		12 U			10 U	
2-METHYLNAPHTHALENE		12 U			10 U	
2-METHYLPHENOL		12 U			10 U	
2-NITROANILINE		30 U			25 U	
2-NITROPHENOL		12 U			10 U	
3,3'-DICHLOROBENZIDINE		12 U			10 UJ	
3-NITROANILINE		30 U			25 U	
4,6-DINITRO-2-METHYLPHENOL		30 U			25 U	
4-BROMOPHENYL PHENYL ETHER		12 U			10 U	
4-CHLORO-3-METHYLPHENOL		12 U			10 U	
4-CHLOROANILINE		12 U			10 U	
4-CHLOROPHENYL PHENYL ETHER		12 U			10 U	
4-METHYLPHENOL		12 U			10 U	
4-NITROANILINE		30 U			25 UJ	
4-NITROPHENOL		30 U			25 UJ	
ACENAPHTHENE		12 U			10 U	
ACENAPHTHYLENE		12 U			10 U	
ANTHRACENE		12 U			10 U	
BENZO(A)ANTHRACENE		12 U			10 U	
BENZO(A)PYRENE		12 U			10 U	
BENZO(B)FLUORANTHENE		12 U			10 U	
BENZO(G,H,I)PERYLENE		12 U			10 U	
BENZO(K)FLUORANTHENE		12 U			10 U	
BENZOIC ACID					1 J	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW62	LS2GW13MW601	LS2GW13MW601-F	012191-NESOMW6S	NESO6	NESO6
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/24/94	11/04/97	11/04/97	01/21/91	03/05/94	03/05/94
LOCATION:	13MW6	13MW6	13MW6	NESO6	NESO6	NESO6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL					10 U	
BIS(2-CHLOROETHOXY)METHANE		12 U			10 U	
BIS(2-CHLOROETHYL)ETHER		12 U			10 U	
BIS(2-CHLOROISOPROPYL) ETHER					10 U	
BIS(2-ETHYLHEXYL)PHTHALATE		12 U			10 U	
BUTYLBENZYL PHTHALATE		12 U			10 U	
CARBAZOLE		12 U			10 UJ	
CHRYSENE		12 U			10 U	
DI-N-BUTYL PHTHALATE		12 U			10 U	
DI-N-OCTYL PHTHALATE		12 U			10 U	
DIBENZO(A,H)ANTHRACENE		12 U			10 U	
DIBENZOFURAN		12 U			10 U	
DIETHYL PHTHALATE		12 U			10 U	
DIMETHYL PHTHALATE		12 U			10 U	
FLUORANTHENE		12 U			10 U	
FLUORENE		12 U			10 U	
HEXACHLOROBENZENE		12 U			10 U	
HEXACHLOROBUTADIENE		12 U			10 U	
HEXACHLOROCYCLOPENTADIENE		12 U			10 U	
HEXACHLOROETHANE		12 U			10 U	
INDENO(1,2,3-CD)PYRENE		12 U			10 U	
ISOPHORONE		12 U			10 U	
N-NITROSO-DI-N-PROPYLAMINE		12 U			10 U	
N-NITROSODIPHENYLAMINE		12 U			10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW62	LS2GW13MW601	LS2GW13MW601-F	012191-NESOMW6S	NESO6	NESO6
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/24/94	11/04/97	11/04/97	01/21/91	03/05/94	03/05/94
LOCATION:	13MW6	13MW6	13MW6	NESO6	NESO6	NESO6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		12 U			10 U	
NITROBENZENE		12 U			10 U	
PENTACHLOROPHENOL		30 U			25 U	
PHENANTHRENE		12 U			10 U	
PHENOL		12 U			10 U	
PYRENE		12 U			10 U	
METALS (µg/L)						
ALUMINUM	24.8 U	95.7 U	12.5 U	30 U	14 U	20.3 U
ANTIMONY	8 J	2.5 U	2.5 U	25 U	15 U	15 U
ARSENIC	2 U	2.5 U	2.5 U	3 U	2 UJ	2 UJ
BARIUM	24.6 J	31.6	25.5	15 U	18.4	17.3 U
BERYLLIUM	1 U	0.11 UJ	0.11 UJ	1 U	1 U	1 U
BORON	78.4 U			2.4 R	103	101 J
CADMIUM	1 U	0.22 U	0.22 U	2 UJ	2 U	2 U
CALCIUM	37400	32800	31800	20800	58500	57400
CHROMIUM	1 U	0.77 J	0.86 U	5 U	3 U	3 U
COBALT	1 U	0.80 U	0.80 U	5 U	4 U	4 U
COPPER	3 U	9.1 J	0.74 UJ	6.8	2 UJ	5.3
CYANIDE				5 UJ		
IRON	17 U	145 U	13.0 U	112 J	46.3 U	32.8 U
LEAD	2 UR	17.2	1.3 U	2 J	2 UJ	2 U
MAGNESIUM	6110	5180	4960	5980	27000	26700
MANGANESE	1.5 J	2.7	0.90 U	2 U	7.3 U	4.9 U
MERCURY	0.2 UJ	0.03 U	0.01 UJ	0.2 UJ	0.2 U	0.2 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW62	LS2GW13MW601	LS2GW13MW601-F	012191-NESOMW6S	NESO6	NESO6
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/24/94	11/04/97	11/04/97	01/21/91	03/05/94	03/05/94
LOCATION:	13MW6	13MW6	13MW6	NESO6	NESO6	NESO6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	3 U	0.93 U	0.75 U	23.9 J	12.4 J	10 U
POTASSIUM	7530	7640	6990	3990	13400	12800
SELENIUM	2.2 J	1.9 U	1.9 U	1 UJ	3 UJ	3 U
SILVER	2 U	1.1 U	1.1 U	7 UJ	2 U	2 U
SODIUM	71900 J	82600	73400	48100 J	274000	272000
THALLIUM	2 UR	4.8 U	4.8 U	2 UR	1 UJ	10 UJ
VANADIUM	1 U	0.55 U	0.55 U	20 U	5 U	5 U
ZINC	3.9 U	14.2 U	5.0 U	34 J	10.5 U	6.4 U
PETROLEUM HYDROCARBONS (µg/L)						
OIL & GREASE					500 U	
TPH		1200 U		2000 U	500 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)		53.65 R				
REDOX POTENTIAL (MV)		32.9				
SALINITY (PPT)		0.26				
SPECIFIC CONDUCTIVITY (MS/CM)		0.539				
TEMPERATURE (C)		16.72				
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)		38 J				
AMMONIA, AS NITROGEN (MG/L)		0.10 U			0.1 U	
CHEMICAL OXYGEN DEMAND (MG/L)					4 UJ	
CHLORIDE (MG/L)		150				
DIVALENT IRON (MG/L)		0				
HARDNESS AS CaCO3 (MG/L)		87			262	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW62	LS2GW13MW601	LS2GW13MW601-F	012191-NESOMW6S	NESO6	NESO6
INVESTIGATION:	PH2-2	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	06/24/94	11/04/97	11/04/97	01/21/91	03/05/94	03/05/94
LOCATION:	13MW6	13MW6	13MW6	NESO6	NESO6	NESO6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
METHANE (UG/L)		5.4 U				
NITRATE, AS NITROGEN (MG/L)		4.0				
PHOSPHORUS (MG/L)		0.10 U				
SULFATE (MG/L)		47				
TOTAL ORGANIC CARBON (MG/L)		1.7 J			2 U	
TOTAL PHOSPHORUS (MG/L)					0.1 U	
TOTAL SUSPENDED SOLIDS (MG/L)					1 U	
TURBIDITY (NTU)		2.37				
GENERAL CHEMISTRY						
PH		6.22				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO6-2	NESO6-2	LS2GWNESO601	LS2GWNESO601-F		
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI		
SAMPLE DATE:	06/23/94	06/23/94	11/03/97	11/03/97	/ /	/ /
LOCATION:	NESO6	NESO6	NESO6	NESO6		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U					
1,1,2,2-TETRACHLOROETHANE	10 U					
1,1,2-TRICHLOROETHANE	10 U					
1,1-DICHLOROETHANE	10 U					
1,1-DICHLOROETHENE	10 U					
1,2-DICHLOROETHANE	10 U					
1,2-DICHLOROETHENE (TOTAL)	10 U					
1,2-DICHLOROPROPANE	10 U					
2-BUTANONE	10 U					
2-HEXANONE	10 UJ					
4-METHYL-2-PENTANONE	10 U					
ACETONE	10 U					
BENZENE	10 U					
BROMODICHLOROMETHANE	10 U					
BROMOFORM	10 U					
BROMOMETHANE	10 U					
CARBON DISULFIDE	10 U					
CARBON TETRACHLORIDE	10 U					
CHLOROBENZENE	10 U					
CHLOROETHANE	10 U					
CHLOROFORM	10 U					
CHLOROMETHANE	10 U					
CIS-1,3-DICHLOROPROPENE	10 U					
DIBROMOCHLOROMETHANE	10 U					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO6-2	NESO6-2	LS2GWNESO601	LS2GWNESO601-F		
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI		
SAMPLE DATE:	06/23/94	06/23/94	11/03/97	11/03/97	/ /	/ /
LOCATION:	NESO6	NESO6	NESO6	NESO6		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	10 U					
METHYLENE CHLORIDE	10 U					
STYRENE	10 U					
TETRACHLOROETHENE	10 U					
TOLUENE	10 U					
TRANS-1,3-DICHLOROPROPENE	10 U					
TRICHLOROETHENE	10 U					
VINYL ACETATE	10 U					
VINYL CHLORIDE	10 U					
XYLENES, TOTAL	10 U					
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 UJ		11 U			
1,2-DICHLOROBENZENE	10 UJ		11 U			
1,3-DICHLOROBENZENE	10 UJ		11 U			
1,4-DICHLOROBENZENE	10 UJ		11 U			
2,2'-OXYBIS(1-CHLOROPROPANE)			11 U			
2,4,5-TRICHLOROPHENOL	25 UJ		28 U			
2,4,6-TRICHLOROPHENOL	10 UJ		11 U			
2,4-DICHLOROPHENOL	10 UJ		11 U			
2,4-DIMETHYLPHENOL	10 UJ		11 U			
2,4-DINITROPHENOL	25 UJ		28 U			
2,4-DINITROTOLUENE	10 UJ		11 U			
2,6-DINITROTOLUENE	10 UJ		11 U			
2-CHLORONAPHTHALENE	10 UJ		11 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO6-2	NESO6-2	LS2GWNESO601	LS2GWNESO601-F		
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI		
SAMPLE DATE:	06/23/94	06/23/94	11/03/97	11/03/97	/ /	/ /
LOCATION:	NESO6	NESO6	NESO6	NESO6		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 UJ		11 U			
2-METHYLNAPHTHALENE	10 UJ		11 U			
2-METHYLPHENOL	10 UJ		11 U			
2-NITROANILINE	25 UJ		28 U			
2-NITROPHENOL	10 UJ		11 U			
3,3'-DICHLOROBENZIDINE	10 UJ		11 U			
3-NITROANILINE	25 UJ		28 U			
4,6-DINITRO-2-METHYLPHENOL	25 UJ		28 U			
4-BROMOPHENYL PHENYL ETHER	10 UJ		11 U			
4-CHLORO-3-METHYLPHENOL	10 UJ		11 U			
4-CHLOROANILINE	10 UJ		11 U			
4-CHLOROPHENYL PHENYL ETHER	10 UJ		11 U			
4-METHYLPHENOL	10 UJ		11 U			
4-NITROANILINE	25 UJ		28 U			
4-NITROPHENOL	25 UJ		28 U			
ACENAPHTHENE	10 UJ		11 U			
ACENAPHTHYLENE	10 UJ		11 U			
ANTHRACENE	10 UJ		11 U			
BENZO(A)ANTHRACENE	10 UJ		11 U			
BENZO(A)PYRENE	10 UJ		11 U			
BENZO(B)FLUORANTHENE	10 UJ		11 U			
BENZO(G,H,I)PERYLENE	10 UJ		11 U			
BENZO(K)FLUORANTHENE	10 UJ		11 U			
BENZOIC ACID	50 UJ					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO6-2	NESO6-2	LS2GWNESO601	LS2GWNESO601-F		
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI		
SAMPLE DATE:	06/23/94	06/23/94	11/03/97	11/03/97	/ /	/ /
LOCATION:	NESO6	NESO6	NESO6	NESO6		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 UJ					
BIS(2-CHLOROETHOXY)METHANE	10 UJ		11 U			
BIS(2-CHLOROETHYL)ETHER	10 UJ		11 U			
BIS(2-CHLOROISOPROPYL) ETHER	10 UJ					
BIS(2-ETHYLHEXYL)PHTHALATE	10 UJ		11 U			
BUTYLBENZYL PHTHALATE	10 UJ		11 U			
CARBAZOLE	10 UJ		11 U			
CHRYSENE	10 UJ		11 U			
DI-N-BUTYL PHTHALATE	10 UJ		11 U			
DI-N-OCTYL PHTHALATE	10 UJ		11 U			
DIBENZO(A,H)ANTHRACENE	10 UJ		11 U			
DIBENZOFURAN	10 UJ		11 U			
DIETHYL PHTHALATE	10 UJ		11 U			
DIMETHYL PHTHALATE	10 UJ		11 U			
FLUORANTHENE	10 UJ		11 U			
FLUORENE	10 UJ		11 U			
HEXACHLOROBENZENE	10 UJ		11 U			
HEXACHLOROBUTADIENE	10 UJ		11 U			
HEXACHLOROCYCLOPENTADIENE	10 UJ		11 U			
HEXACHLOROETHANE	10 UJ		11 U			
INDENO(1,2,3-CD)PYRENE	10 UJ		11 U			
ISOPHORONE	10 UJ		11 U			
N-NITROSO-DI-N-PROPYLAMINE	10 UJ		11 U			
N-NITROSODIPHENYLAMINE	10 UJ		11 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO6-2	NESO6-2	LS2GWNESO601	LS2GWNESO601-F		
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI		
SAMPLE DATE:	06/23/94	06/23/94	11/03/97	11/03/97	/ /	/ /
LOCATION:	NESO6	NESO6	NESO6	NESO6		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE	10 UJ		11 U			
NITROBENZENE	10 UJ		11 U			
PENTACHLOROPHENOL	25 UJ		28 U			
PHENANTHRENE	10 UJ		11 U			
PHENOL	10 UJ		11 U			
PYRENE	10 UJ		11 U			
METALS (µg/L)						
ALUMINUM	12.4 U	14.2 U	53.0 U	23.6 U		
ANTIMONY	12 U	5.2 J	2.5 U	2.5 U		
ARSENIC	1.3 J	2 U	2.5 U	2.5 U		
BARIUM	6 UJ	6.3 J	46.5	42.2		
BERYLLIUM	1 U	1 U	0.19 U	0.19 U		
BORON	72.9 U	85.1 J				
CADMIUM	3.1 U	1 U	0.22 U	0.22 U		
CALCIUM	53400 J	56000	63500	58600		
CHROMIUM	3 U	1 U	3.1 U	3.1 U		
COBALT	3 U	1 U	2.9 U	2.9 U		
COPPER	2 U	3 U	1.8 U	1.5 U		
IRON	4 UJ	17 U	41.2 U	17.4 U		
LEAD	2 UR	2 UR	1.3 U	1.3 U		
MAGNESIUM	12900 J	13200	77500	71900		
MANGANESE	3.5 U	1.8 J	0.95 J	0.93 U		
MERCURY	0.2 UJ	0.02 UJ	0.03 U	0.03 U		
NICKEL	9.4 U	3 U	9.0 U	9.0 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO6-2	NESO6-2	LS2GWNESO601	LS2GWNESO601-F		
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI		
SAMPLE DATE:	06/23/94	06/23/94	11/03/97	11/03/97	/ /	/ /
LOCATION:	NESO6	NESO6	NESO6	NESO6		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
METALS (µg/L)						
POTASSIUM	9030	9530	30100	28200		
SELENIUM	2 UR	2 UR	2.5 U	3.0 U		
SILVER	2 U	2 U	2.8 U	2.8 U		
SODIUM	123000	134000 J	697000 J	655000 J		
THALLIUM	20 UR	20 UR	4.8 U	4.8 U		
VANADIUM	3 U	1 U	3.5 U	2.9 U		
ZINC	5.3 U	4.5 U	11.9 U	15.0 U		
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1000 U		1100 U			
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			63			
AMMONIA, AS NITROGEN (MG/L)			0.10 U			
CHLORIDE (MG/L)			1200			
DIVALENT IRON (MG/L)			0.0			
HARDNESS AS CaCO3 (MG/L)	184		430			
NITRATE, AS NITROGEN (MG/L)			1.4			
PHOSPHORUS (MG/L)			0.19 U			
SULFATE (MG/L)			190			
TOTAL ORGANIC CARBON (MG/L)			3.9 J			

APPENDIX H.2.3

ZONE 3

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW12S	13GW12	13GW12	13GW12-2	13GW12-D-2	13GW12-2
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/23/94	06/23/94	06/23/94
LOCATION:	13MW12	13MW12	13MW12	13MW12	13MW12	13MW12
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:					13GW12-2	
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	5 U	10 U		10 U	10 U	
1,1,2,2-TETRACHLOROETHANE	5 U	10 U		10 U	10 U	
1,1,2-TRICHLOROETHANE	5 U	10 U		10 U	10 U	
1,1-DICHLOROETHANE	5 U	10 U		10 U	10 U	
1,1-DICHLOROETHENE	5 U	10 U		10 U	10 U	
1,2-DICHLOROETHANE	5 U	10 U		10 U	10 U	
1,2-DICHLOROETHENE (TOTAL)	5 U	10 U		10 U	10 U	
1,2-DICHLOROPROPANE	5 U	10 U		10 U	10 U	
2-BUTANONE	10 U	10 U		10 U	10 U	
2-HEXANONE	10 U	10 U		10 U	10 U	
4-METHYL-2-PENTANONE	10 U	10 U		10 U	10 U	
ACETONE	10 U	10 U		14 U	14 U	
BENZENE	5 U	10 U		10 U	10 U	
BROMODICHLOROMETHANE	5 U	10 U		10 U	10 U	
BROMOFORM	5 U	10 U		10 U	10 U	
BROMOMETHANE	10 U	10 U		10 U	10 U	
CARBON DISULFIDE	5 U	10 U		10 U	10 U	
CARBON TETRACHLORIDE	5 U	10 U		10 U	10 U	
CHLOROBENZENE	5 U	10 U		10 U	10 U	
CHLOROETHANE	10 U	10 U		10 U	10 U	
CHLOROFORM	5 U	10 U		10 U	10 U	
CHLOROMETHANE	10 U	10 U		10 U	10 U	
CIS-1,3-DICHLOROPROPENE	5 U	10 U		10 U	10 U	
DIBROMOCHLOROMETHANE	5 U	10 U		10 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW12S	13GW12	13GW12	13GW12-2	13GW12-D-2	13GW12-2
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/23/94	06/23/94	06/23/94
LOCATION:	13MW12	13MW12	13MW12	13MW12	13MW12	13MW12
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:					13GW12-2	
VOLATILES (µg/L)						
ETHYLBENZENE	5 U	10 U		10 U	10 U	
METHYLENE CHLORIDE	5 U	10 U		10 U	10 U	
STYRENE	5 U	10 U		10 U	10 U	
TETRACHLOROETHENE	5 U	10 U		10 U	10 U	
TOLUENE	5 U	10 U		10 U	10 U	
TRANS-1,3-DICHLOROPROPENE	5 U	10 U		10 U	10 U	
TRICHLOROETHENE	5 U	10 U		10 U	10 U	
VINYL ACETATE	10 U	10 U		10 UJ	10 UJ	
VINYL CHLORIDE	10 U	10 U		10 U	10 U	
XYLENES, TOTAL	5 U	10 U		10 U	10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		10 U		10 U	10 U	
1,2-DICHLOROBENZENE		10 U		10 U	10 U	
1,3-DICHLOROBENZENE		10 U		10 U	10 U	
1,4-DICHLOROBENZENE		10 U		10 U	10 U	
2,4,5-TRICHLOROPHENOL		25 U		25 U	25 U	
2,4,6-TRICHLOROPHENOL		10 U		10 U	10 U	
2,4-DICHLOROPHENOL		10 U		10 U	10 U	
2,4-DIMETHYLPHENOL		10 U		10 U	10 U	
2,4-DINITROPHENOL		25 U		25 U	25 U	
2,4-DINITROTOLUENE		10 U		10 U	10 U	
2,6-DINITROTOLUENE		10 U		10 U	10 U	
2-CHLORONAPHTHALENE		10 U		10 U	10 U	
2-CHLOROPHENOL		10 U		10 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW12S	13GW12	13GW12	13GW12-2	13GW12-D-2	13GW12-2
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/23/94	06/23/94	06/23/94
LOCATION:	13MW12	13MW12	13MW12	13MW12	13MW12	13MW12
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:					13GW12-2	
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE		10 U		10 U	10 U	
2-METHYLPHENOL		10 U		10 U	10 U	
2-NITROANILINE		25 U		25 U	25 U	
2-NITROPHENOL		10 U		10 U	10 U	
3,3'-DICHLOROBENZIDINE		10 U		10 U	10 U	
3-NITROANILINE		25 U		25 U	25 U	
4,6-DINITRO-2-METHYLPHENOL		25 U		25 U	25 U	
4-BROMOPHENYL PHENYL ETHER		10 U		10 U	10 U	
4-CHLORO-3-METHYLPHENOL		10 U		10 U	10 U	
4-CHLOROANILINE		10 U		10 U	10 U	
4-CHLOROPHENYL PHENYL ETHER		10 U		10 U	10 U	
4-METHYLPHENOL		10 U		10 U	10 U	
4-NITROANILINE		25 U		25 U	25 U	
4-NITROPHENOL		25 U		25 U	25 U	
ACENAPHTHENE		10 U		10 U	10 U	
ACENAPHTHYLENE		10 U		10 U	10 U	
ANTHRACENE		10 U		10 U	10 U	
BENZO(A)ANTHRACENE		10 U		10 U	10 U	
BENZO(A)PYRENE		10 U		10 U	10 U	
BENZO(B)FLUORANTHENE		10 U		10 U	10 U	
BENZO(G,H,I)PERYLENE		10 U		10 U	10 U	
BENZO(K)FLUORANTHENE		10 U		10 U	10 U	
BENZOIC ACID		50 U		50 U	50 U	
BENZYL ALCOHOL		10 U		10 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW12S	13GW12	13GW12	13GW12-2	13GW12-D-2	13GW12-2
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/23/94	06/23/94	06/23/94
LOCATION:	13MW12	13MW12	13MW12	13MW12	13MW12	13MW12
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:					13GW12-2	
SEMIVOLATILES (µg/L)						
BIS(2-CHLOROETHOXY)METHANE		10 U		10 U	10 U	
BIS(2-CHLOROETHYL)ETHER		10 U		10 U	10 U	
BIS(2-CHLOROISOPROPYL) ETHER		10 U		10 U	10 U	
BIS(2-ETHYLHEXYL)PHTHALATE		10 U		0.6 J	1 J	
BUTYLBENZYL PHTHALATE		10 U		10 U	10 U	
CARBAZOLE		10 U		10 U	10 U	
CHRYSENE		10 U		10 U	10 U	
DI-N-BUTYL PHTHALATE		10 U		10 U	10 U	
DI-N-OCTYL PHTHALATE		10 U		10 U	10 U	
DIBENZO(A,H)ANTHRACENE		10 U		10 U	10 U	
DIBENZOFURAN		10 U		10 U	10 U	
DIETHYL PHTHALATE		10 U		10 U	10 U	
DIMETHYL PHTHALATE		10 U		10 U	10 U	
FLUORANTHENE		10 U		10 U	10 U	
FLUORENE		10 U		1 J	1 J	
HEXACHLOROBENZENE		10 U		10 U	10 U	
HEXACHLOROBUTADIENE		10 U		10 U	10 U	
HEXACHLOROCYCLOPENTADIENE		10 U		10 U	10 U	
HEXACHLOROETHANE		10 U		10 U	10 U	
INDENO(1,2,3-CD)PYRENE		10 U		10 U	10 U	
ISOPHORONE		10 U		10 U	10 U	
N-NITROSO-DI-N-PROPYLAMINE		10 U		10 U	10 U	
N-NITROSODIPHENYLAMINE		10 U		10 U	10 U	
NAPHTHALENE		10 U		10 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW12S	13GW12	13GW12	13GW12-2	13GW12-D-2	13GW12-2
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/23/94	06/23/94	06/23/94
LOCATION:	13MW12	13MW12	13MW12	13MW12	13MW12	13MW12
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:					13GW12-2	
SEMIVOLATILES (µg/L)						
NITROBENZENE		10 U		10 U	10 U	
PENTACHLOROPHENOL		25 U		25 U	25 U	
PHENANTHRENE		10 U		10 U	10 U	
PHENOL		10 U		10 U	10 U	
PYRENE		10 U		10 U	10 U	
METALS (µg/L)						
ALUMINUM	30 U	14 U	14 U	15 U	16.5 U	19.7 U
ANTIMONY	25 U	15 U	20.2 U	13 U	13 U	13 U
ARSENIC	3 U	2 UJ	2 UJ	2.6	2.8	3.2
BARIUM	22.4	56.9 J	54.1 J	47	48.1	46.3
BERYLLIUM	1 U	1 U	1 U	1 U	1 U	1 U
BORON	0.6 R	50 U	50 U	50 U	50 U	50 U
CADMIUM	2 UJ	2 U	2 U	3 U	3 U	3 U
CALCIUM	26100	28000	27300	24400	25200	24000
CHROMIUM	5 U	3 UJ	3 UJ	4 U	4 U	4 U
COBALT	5 U	4 U	4 U	5 U	5 U	5 U
COPPER	5 U	2 U	2 U	5 U	5 U	5 U
CYANIDE	5 UJ					
IRON	3160 J	5480	5200	5930	6040	5800
LEAD	3.2 J	2.2 J	2 UJ	2 UJ	2 UJ	2 UJ
MAGNESIUM	3690	3330 J	3290 J	2980	3070	2940
MANGANESE	253	329	321	284	291	282
MERCURY	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U
NICKEL	19.1 J	10 U	10 U	11 U	11 U	11 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW12S	13GW12	13GW12	13GW12-2	13GW12-D-2	13GW12-2
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	PH2-2
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/23/94	06/23/94	06/23/94
LOCATION:	13MW12	13MW12	13MW12	13MW12	13MW12	13MW12
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:					13GW12-2	
METALS (µg/L)						
POTASSIUM	4020	6110	6100	6460	6570	6380
SELENIUM	1 UJ	3 UJ	3.2 J	2 UJ	2 U	2 U
SILVER	7 UJ	2 UJ	2 UJ	2 U	2 U	2 U
SODIUM	39200 J	99700	97700	89400	92400	87000
THALLIUM	2 UR	10 UJ	10 UJ	10 U	10 U	1 UJ
VANADIUM	20 U	5 U	5 U	4 U	4 U	4 U
ZINC	27.8 J	3.7 U	9.6 U	3 U	3 U	5.1 J
PETROLEUM HYDROCARBONS (µg/L)						
TPH	3000 U	500 U		500 U	500 U	
MISCELLANEOUS PARAMETERS						
HARDNESS AS CaCO3 (MG/L)		88		72	72	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW12D-2	LS3GW13MW1201	LS3GW13MW1201-F	GW-01-1	GW-01-1-D	GW-01-2
INVESTIGATION:	PH2-2	1997RI	1997RI	AMB31	AMB31	AMB31
SAMPLE DATE:	06/23/94	10/31/97	10/31/97	02/15/93	02/15/93	02/15/93
LOCATION:	13MW12	13MW12	13MW12	GW-01	GW-01	GW-01
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	13GW12-2-DISS				GW-01-1	
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE				10 U	10 U	
1,1,2,2-TETRACHLOROETHANE				10 U	10 U	
1,1,2-TRICHLOROETHANE				10 U	10 U	
1,1-DICHLOROETHANE				10 U	10 U	
1,1-DICHLOROETHENE				10 U	10 U	
1,2-DICHLOROETHANE				10 U	10 U	
1,2-DICHLOROETHENE (TOTAL)				10 U	10 U	
1,2-DICHLOROPROPANE				10 U	10 U	
2-BUTANONE				10 U	10 U	
2-HEXANONE				10 U	10 U	
4-METHYL-2-PENTANONE				10 U	10 U	
ACETONE				10 U	10 U	
BENZENE				10 U	10 U	
BROMODICHLOROMETHANE				10 U	10 U	
BROMOFORM				10 U	10 U	
BROMOMETHANE				10 U	10 U	
CARBON DISULFIDE				10 U	10 U	
CARBON TETRACHLORIDE				10 U	10 U	
CHLOROBENZENE				10 U	10 U	
CHLOROETHANE				10 U	10 U	
CHLOROFORM				10 U	10 U	
CHLOROMETHANE				10 U	10 U	
CIS-1,3-DICHLOROPROPENE				10 U	10 U	
DIBROMOCHLOROMETHANE				10 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW12D-2	LS3GW13MW1201	LS3GW13MW1201-F	GW-01-1	GW-01-1-D	GW-01-2
INVESTIGATION:	PH2-2	1997RI	1997RI	AMB31	AMB31	AMB31
SAMPLE DATE:	06/23/94	10/31/97	10/31/97	02/15/93	02/15/93	02/15/93
LOCATION:	13MW12	13MW12	13MW12	GW-01	GW-01	GW-01
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	13GW12-2-DISS				GW-01-1	
VOLATILES (µg/L)						
ETHYLBENZENE				10 U	10 U	
METHYLENE CHLORIDE				10 U	10 U	
STYRENE				10 U	10 U	
TETRACHLOROETHENE				10 U	10 U	
TOLUENE				10 U	10 U	
TRANS-1,3-DICHLOROPROPENE				10 U	10 U	
TRICHLOROETHENE				10 U	10 U	
VINYL CHLORIDE				10 U	10 U	
XYLENES, TOTAL				10 U	10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		11 U		10 U	10 U	
1,2-DICHLOROBENZENE		11 U		10 U	10 U	
1,3-DICHLOROBENZENE		11 U		10 U	10 U	
1,4-DICHLOROBENZENE		11 U		10 U	10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)		11 U				
2,4,5-TRICHLOROPHENOL		28 U		25 U	25 U	
2,4,6-TRICHLOROPHENOL		11 U		10 U	10 U	
2,4-DICHLOROPHENOL		11 U		10 U	10 U	
2,4-DIMETHYLPHENOL		11 U		10 U	10 U	
2,4-DINITROPHENOL		28 U		25 U	25 U	
2,4-DINITROTOLUENE		11 U		10 U	10 U	
2,6-DINITROTOLUENE		11 U		10 U	10 U	
2-CHLORONAPHTHALENE		11 U		10 U	10 U	
2-CHLOROPHENOL		11 U		10 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW12D-2	LS3GW13MW1201	LS3GW13MW1201-F	GW-01-1	GW-01-1-D	GW-01-2
INVESTIGATION:	PH2-2	1997RI	1997RI	AMB31	AMB31	AMB31
SAMPLE DATE:	06/23/94	10/31/97	10/31/97	02/15/93	02/15/93	02/15/93
LOCATION:	13MW12	13MW12	13MW12	GW-01	GW-01	GW-01
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	13GW12-2-DISS				GW-01-1	
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE		11 U		10 U	10 U	
2-METHYLPHENOL		11 U		10 U	10 U	
2-NITROANILINE		28 U		25 U	25 U	
2-NITROPHENOL		11 U		10 U	10 U	
3,3'-DICHLOROBENZIDINE		11 U		10 U	10 U	
3-NITROANILINE		28 U		25 U	25 U	
4,6-DINITRO-2-METHYLPHENOL		28 U		25 U	25 U	
4-BROMOPHENYL PHENYL ETHER		11 U		10 U	10 U	
4-CHLORO-3-METHYLPHENOL		11 U		10 U	10 U	
4-CHLOROANILINE		11 U		10 U	10 U	
4-CHLOROPHENYL PHENYL ETHER		11 U		10 U	10 U	
4-METHYLPHENOL		11 U		10 U	10 U	
4-NITROANILINE		28 U		25 U	25 U	
4-NITROPHENOL		28 U		25 U	25 U	
ACENAPHTHENE		11 U		10 U	10 U	
ACENAPHTHYLENE		11 U		10 U	10 U	
ANTHRACENE		11 U		10 U	10 U	
BENZO(A)ANTHRACENE		11 U		10 U	10 U	
BENZO(A)PYRENE		11 U		10 U	10 U	
BENZO(B)FLUORANTHENE		11 U		10 U	10 U	
BENZO(G,H,I)PERYLENE		11 U		10 U	10 U	
BENZO(K)FLUORANTHENE		11 U		10 U	10 U	
BIS(2-CHLOROETHOXY)METHANE		11 U		10 U	10 U	
BIS(2-CHLOROETHYL)ETHER		11 U		10 U	10 U	

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW12D-2	LS3GW13MW1201	LS3GW13MW1201-F	GW-01-1	GW-01-1-D	GW-01-2
INVESTIGATION:	PH2-2	1997RI	1997RI	AMB31	AMB31	AMB31
SAMPLE DATE:	06/23/94	10/31/97	10/31/97	02/15/93	02/15/93	02/15/93
LOCATION:	13MW12	13MW12	13MW12	GW-01	GW-01	GW-01
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	13GW12-2-DISS				GW-01-1	
SEMIVOLATILES (µg/L)						
BIS(2-CHLOROISOPROPYL) ETHER				10 U	10 U	
BIS(2-ETHYLHEXYL)PHTHALATE		11 U		10 U	10 U	
BUTYLBENZYL PHTHALATE		11 U		10 U	10 U	
CARBAZOLE		11 U		10 U	10 U	
CHRYSENE		11 U		10 U	10 U	
DI-N-BUTYL PHTHALATE		11 U		10 U	10 U	
DI-N-OCTYL PHTHALATE		11 U		10 U	10 U	
DIBENZO(A,H)ANTHRACENE		11 U		10 U	10 U	
DIBENZOFURAN		11 U		10 U	10 U	
DIETHYL PHTHALATE		11 U		10 U	10 U	
DIMETHYL PHTHALATE		11 U		10 U	10 U	
FLUORANTHENE		11 U		10 U	10 U	
FLUORENE		0.9 J		10 U	10 U	
HEXACHLOROBENZENE		11 U		10 U	10 U	
HEXACHLOROBUTADIENE		11 U		10 U	10 U	
HEXACHLOROCYCLOPENTADIENE		11 U		10 U	10 U	
HEXACHLOROETHANE		11 U		10 U	10 U	
INDENO(1,2,3-CD)PYRENE		11 U		10 U	10 U	
ISOPHORONE		11 U		10 U	10 U	
N-NITROSO-DI-N-PROPYLAMINE		11 U		10 U	10 U	
N-NITROSODIPHENYLAMINE		11 U		10 U	10 U	
NAPHTHALENE		11 U		10 U	10 U	
NITROBENZENE		11 U		10 U	10 U	
PENTACHLOROPHENOL		28 U		25 U	25 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW12D-2	LS3GW13MW1201	LS3GW13MW1201-F	GW-01-1	GW-01-1-D	GW-01-2
INVESTIGATION:	PH2-2	1997RI	1997RI	AMB31	AMB31	AMB31
SAMPLE DATE:	06/23/94	10/31/97	10/31/97	02/15/93	02/15/93	02/15/93
LOCATION:	13MW12	13MW12	13MW12	GW-01	GW-01	GW-01
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	13GW12-2-DISS				GW-01-1	
SEMIVOLATILES (µg/L)						
PHENANTHRENE		11 U		10 U	10 U	
PHENOL		11 U		10 U	10 U	
PYRENE		11 U		10 U	10 U	
PESTICIDES/PCBs (µg/L)						
4,4'-DDD				0.1 U	0.1 U	
4,4'-DDE				0.1 U	0.1 U	
4,4'-DDT				0.1 U	0.1 U	
ALDRIN				0.05 U	0.05 U	
ALPHA-BHC				0.05 U	0.05 U	
ALPHA-CHLORDANE				0.05 U	0.05 U	
AROCLOR-1016				1 U	1 U	
AROCLOR-1221				2 U	2 U	
AROCLOR-1232				1 U	1 U	
AROCLOR-1242				1 U	1 U	
AROCLOR-1248				1 U	1 U	
AROCLOR-1254				1 U	1 U	
AROCLOR-1260				1 U	1 U	
BETA-BHC				0.05 U	0.05 U	
DELTA-BHC				0.05 U	0.05 U	
DIELDRIN				0.1 U	0.1 U	
ENDOSULFAN I				0.05 U	0.05 U	
ENDOSULFAN II				0.1 U	0.1 U	
ENDOSULFAN SULFATE				0.1 U	0.1 U	
ENDRIN				0.1 U	0.1 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW12D-2	LS3GW13MW1201	LS3GW13MW1201-F	GW-01-1	GW-01-1-D	GW-01-2
INVESTIGATION:	PH2-2	1997RI	1997RI	AMB31	AMB31	AMB31
SAMPLE DATE:	06/23/94	10/31/97	10/31/97	02/15/93	02/15/93	02/15/93
LOCATION:	13MW12	13MW12	13MW12	GW-01	GW-01	GW-01
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	13GW12-2-DISS				GW-01-1	
PESTICIDES/PCBs (µg/L)						
ENDRIN ALDEHYDE				0.1 U	0.1 U	
ENDRIN KETONE				0.1 U	0.1 U	
GAMMA-BHC (LINDANE)				0.05 U	0.05 U	
GAMMA-CHLORDANE				0.05 U	0.05 U	
HEPTACHLOR				0.05 U	0.05 U	
HEPTACHLOR EPOXIDE				0.05 U	0.05 U	
METHOXYCHLOR				0.5 U	0.5 U	
TOXAPHENE				5 U	5 U	
METALS (µg/L)						
ALUMINUM	15 U	10.0 UJ	10.0 UJ	25000 J	14800 J	
ANTIMONY	13 U	2.5 U	2.5 U	17.1 U	16 UJ	
ARSENIC	2.6	2.5 U	2.5 U	8.3 J	5.1 J	6.8
BARIUM	46.3	22.8	24.2	114	69.7	94.1
BERYLLIUM	1 U	0.56 U	0.36 U	1.4	1 U	
BORON	50 U					
CADMIUM	3 U	0.22 U	0.22 U	3 U	3 U	3 U
CALCIUM	24100	16300	16800	9350	8760	
CHROMIUM	4 U	0.80 U	0.76 U	27	12.1	26.2
COBALT	5 U	0.80 U	0.80 U	9.6	6 U	
COPPER	5 U	3.0 U	1.9 U	58.1	35.7	
CYANIDE				10 U	10 U	
IRON	5900	3920	3870 J	17600 J	11400 J	
LEAD	2 UJ	1.3 U	1.3 U	73.4 J	47.5 J	41.5
MAGNESIUM	2960	2600	2690	4440	3130	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW12D-2	LS3GW13MW1201	LS3GW13MW1201-F	GW-01-1	GW-01-1-D	GW-01-2
INVESTIGATION:	PH2-2	1997RI	1997RI	AMB31	AMB31	AMB31
SAMPLE DATE:	06/23/94	10/31/97	10/31/97	02/15/93	02/15/93	02/15/93
LOCATION:	13MW12	13MW12	13MW12	GW-01	GW-01	GW-01
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	13GW12-2-DISS				GW-01-1	
METALS (µg/L)						
MANGANESE	286	175	184	454	391	
MERCURY	0.2 U	0.01 UJ	0.02 U	0.36 J	0.32 J	0.3
NICKEL	11 U	0.75 U	0.75 U	90.9	38.4	
POTASSIUM	6050	5590	5400	5570	4970	
SELENIUM	2 UJ	1.9 U	1.9 U	3 U	3 U	10 U
SILVER	2 U	1.1 U	1.1 U	3 U	2 U	2
SODIUM	86800	59600	58100	28800 J	28200 J	
THALLIUM	1 UJ	4.8 U	4.8 U	3 UJ	3 UJ	
VANADIUM	4 U	0.55 U	0.57 U	36	21.8	
ZINC	3 U	4.7 U	4.6 U	141 J	93.2 J	
PETROLEUM HYDROCARBONS (µg/L)						
TPH		1000 U				
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)		0.48				
REDOX POTENTIAL (MV)		-121.5				
SALINITY (PPT)		0.17				
SPECIFIC CONDUCTIVITY (MS/CM)		0.35				
TEMPERATURE (C)		21.65				
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)		83				
AMMONIA, AS NITROGEN (MG/L)		0.58 J				
CHLORIDE (MG/L)		76				
DIVALENT IRON (MG/L)		2.6				
HARDNESS AS CaCO3 (MG/L)		54				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW12D-2	LS3GW13MW1201	LS3GW13MW1201-F	GW-01-1	GW-01-1-D	GW-01-2
INVESTIGATION:	PH2-2	1997RI	1997RI	AMB31	AMB31	AMB31
SAMPLE DATE:	06/23/94	10/31/97	10/31/97	02/15/93	02/15/93	02/15/93
LOCATION:	13MW12	13MW12	13MW12	GW-01	GW-01	GW-01
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	13GW12-2-DISS				GW-01-1	
MISCELLANEOUS PARAMETERS						
METHANE (UG/L)		4400				
NITRATE, AS NITROGEN (MG/L)		0.05 U				
PHOSPHORUS (MG/L)		0.39 J				
SULFATE (MG/L)		1.0 U				
TOTAL ORGANIC CARBON (MG/L)		7.9 J				
TURBIDITY (NTU)		5.4				
GENERAL CHEMISTRY						
PH		6.72				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-01-2-DISS	GW-02-1	GW-02-2	GW-02-2-D	GW-02-2-DISS	GW-02-2-DISS-D
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93
LOCATION:	GW-01	GW-02	GW-02	GW-02	GW-02	GW-02
VALIDATED:						
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:				GW-02-2		GW-02-2-DISS
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE		10 U				
1,1,2,2-TETRACHLOROETHANE		10 U				
1,1,2-TRICHLOROETHANE		10 U				
1,1-DICHLOROETHANE		10 U				
1,1-DICHLOROETHENE		10 U				
1,2-DICHLOROETHANE		10 U				
1,2-DICHLOROETHENE (TOTAL)		10 U				
1,2-DICHLOROPROPANE		10 U				
2-BUTANONE		10 U				
2-HEXANONE		10 U				
4-METHYL-2-PENTANONE		10 U				
ACETONE		10 U				
BENZENE		10 U				
BROMODICHLOROMETHANE		10 U				
BROMOFORM		10 U				
BROMOMETHANE		10 U				
CARBON DISULFIDE		10 U				
CARBON TETRACHLORIDE		10 U				
CHLOROBENZENE		10 U				
CHLOROETHANE		10 U				
CHLOROFORM		10 U				
CHLOROMETHANE		10 U				
CIS-1,3-DICHLOROPROPENE		10 U				
DIBROMOCHLOROMETHANE		10 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-01-2-DISS	GW-02-1	GW-02-2	GW-02-2-D	GW-02-2-DISS	GW-02-2-DISS-D
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93
LOCATION:	GW-01	GW-02	GW-02	GW-02	GW-02	GW-02
VALIDATED:						
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:				GW-02-2		GW-02-2-DISS
VOLATILES (µg/L)						
ETHYLBENZENE		10 U				
METHYLENE CHLORIDE		10 U				
STYRENE		10 U				
TETRACHLOROETHENE		10 U				
TOLUENE		10 U				
TRANS-1,3-DICHLOROPROPENE		10 U				
TRICHLOROETHENE		10 U				
VINYL CHLORIDE		10 U				
XYLENES, TOTAL		10 U				
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		10 U				
1,2-DICHLOROBENZENE		10 U				
1,3-DICHLOROBENZENE		10 U				
1,4-DICHLOROBENZENE		10 U				
2,4,5-TRICHLOROPHENOL		25 U				
2,4,6-TRICHLOROPHENOL		10 U				
2,4-DICHLOROPHENOL		10 U				
2,4-DIMETHYLPHENOL		10 U				
2,4-DINITROPHENOL		25 U				
2,4-DINITROTOLUENE		10 U				
2,6-DINITROTOLUENE		10 U				
2-CHLORONAPHTHALENE		10 U				
2-CHLOROPHENOL		10 U				
2-METHYLNAPHTHALENE		10 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-01-2-DISS	GW-02-1	GW-02-2	GW-02-2-D	GW-02-2-DISS	GW-02-2-DISS-D
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93
LOCATION:	GW-01	GW-02	GW-02	GW-02	GW-02	GW-02
VALIDATED:						
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:				GW-02-2		GW-02-2-DISS
SEMIVOLATILES (µg/L)						
2-METHYLPHENOL		10 U				
2-NITROANILINE		25 U				
2-NITROPHENOL		10 U				
3,3'-DICHLOROBENZIDINE		10 U				
3-NITROANILINE		25 U				
4,6-DINITRO-2-METHYLPHENOL		25 U				
4-BROMOPHENYL PHENYL ETHER		10 U				
4-CHLORO-3-METHYLPHENOL		10 U				
4-CHLOROANILINE		10 U				
4-CHLOROPHENYL PHENYL ETHER		10 U				
4-METHYLPHENOL		10 U				
4-NITROANILINE		25 U				
4-NITROPHENOL		25 U				
ACENAPHTHENE		10 U				
ACENAPHTHYLENE		10 U				
ANTHRACENE		10 U				
BENZO(A)ANTHRACENE		10 U				
BENZO(A)PYRENE		10 U				
BENZO(B)FLUORANTHENE		10 U				
BENZO(G,H,I)PERYLENE		10 U				
BENZO(K)FLUORANTHENE		10 U				
BIS(2-CHLOROETHOXY)METHANE		10 U				
BIS(2-CHLOROETHYL)ETHER		10 U				
BIS(2-CHLOROISOPROPYL) ETHER		10 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-01-2-DISS	GW-02-1	GW-02-2	GW-02-2-D	GW-02-2-DISS	GW-02-2-DISS-D
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93
LOCATION:	GW-01	GW-02	GW-02	GW-02	GW-02	GW-02
VALIDATED:						
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:				GW-02-2		GW-02-2-DISS
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE		10 U				
BUTYLBENZYL PHTHALATE		10 U				
CARBAZOLE		10 U				
CHRYSENE		10 U				
DI-N-BUTYL PHTHALATE		10 U				
DI-N-OCTYL PHTHALATE		10 U				
DIBENZO(A,H)ANTHRACENE		10 U				
DIBENZOFURAN		10 U				
DIETHYL PHTHALATE		10 U				
DIMETHYL PHTHALATE		10 U				
FLUORANTHENE		10 U				
FLUORENE		10 U				
HEXACHLOROBENZENE		10 U				
HEXACHLOROBUTADIENE		10 U				
HEXACHLOROCYCLOPENTADIENE		10 U				
HEXACHLOROETHANE		10 U				
INDENO(1,2,3-CD)PYRENE		10 U				
ISOPHORONE		10 U				
N-NITROSO-DI-N-PROPYLAMINE		10 U				
N-NITROSODIPHENYLAMINE		10 U				
NAPHTHALENE		10 U				
NITROBENZENE		10 U				
PENTACHLOROPHENOL		25 U				
PHENANTHRENE		10 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-01-2-DISS	GW-02-1	GW-02-2	GW-02-2-D	GW-02-2-DISS	GW-02-2-DISS-D
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93
LOCATION:	GW-01	GW-02	GW-02	GW-02	GW-02	GW-02
VALIDATED:						
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:				GW-02-2		GW-02-2-DISS
SEMIVOLATILES (µg/L)						
PHENOL		10 U				
PYRENE		10 U				
PESTICIDES/PCBs (µg/L)						
4,4'-DDD		0.1 U				
4,4'-DDE		0.1 U				
4,4'-DDT		0.1 U				
ALDRIN		0.05 U				
ALPHA-BHC		0.05 U				
ALPHA-CHLORDANE		0.05 U				
AROCLOR-1016		1 U				
AROCLOR-1221		2 U				
AROCLOR-1232		1 U				
AROCLOR-1242		1 U				
AROCLOR-1248		1 U				
AROCLOR-1254		1 U				
AROCLOR-1260		1 U				
BETA-BHC		0.05 U				
DELTA-BHC		0.05 U				
DIELDRIN		0.1 U				
ENDOSULFAN I		0.05 U				
ENDOSULFAN II		0.1 U				
ENDOSULFAN SULFATE		0.1 U				
ENDRIN		0.1 U				
ENDRIN ALDEHYDE		0.1 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-01-2-DISS	GW-02-1	GW-02-2	GW-02-2-D	GW-02-2-DISS	GW-02-2-DISS-D
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93
LOCATION:	GW-01	GW-02	GW-02	GW-02	GW-02	GW-02
VALIDATED:						
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:				GW-02-2		GW-02-2-DISS
PESTICIDES/PCBs (µg/L)						
ENDRIN KETONE		0.1 U				
GAMMA-BHC (LINDANE)		0.05 U				
GAMMA-CHLORDANE		0.05 U				
HEPTACHLOR		0.05 U				
HEPTACHLOR EPOXIDE		0.05 U				
METHOXYCHLOR		0.5 U				
TOXAPHENE		5 U				
METALS (µg/L)						
ALUMINUM		75000 J				
ANTIMONY		16 UJ				
ARSENIC	2 U	2.7 J	2 U	2 U	2 U	2 U
BARIUM	21.8	609	325	368	24	24
BERYLLIUM		6.9				
CADMIUM	3 U	4.8	3 U	3 U	3 U	3 U
CALCIUM		27000				
CHROMIUM	6 U	78	39	30.2	6 U	6 U
COBALT		47.6				
COPPER		142				
CYANIDE		10 U				
IRON		62200 J				
LEAD	1.1	392 J	220	216	1 U	1
MAGNESIUM		17200				
MANGANESE		3890				
MERCURY	0.2 U	1.2 J	0.2 U	0.2 U	0.2 U	0.2 U

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-01-2-DISS	GW-02-1	GW-02-2	GW-02-2-D	GW-02-2-DISS	GW-02-2-DISS-D
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93
LOCATION:	GW-01	GW-02	GW-02	GW-02	GW-02	GW-02
VALIDATED:						
FILTERING:	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered
FIELD DUPLICATE OF:				GW-02-2		GW-02-2-DISS
METALS (µg/L)						
NICKEL		133				
POTASSIUM		11000				
SELENIUM	1 U	3 UJ	10 U	10 U	1 U	1 U
SILVER	2 U	7.6 U	4.2	2.9	2 U	2 U
SODIUM		47900 J				
THALLIUM		3 UJ				
VANADIUM		87.2				
ZINC		338 J				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-03-1	GW-03-1-DISS	GW-03-2	GW-03-2-DISS	GW-04-1	GW-04-1-DISS
INVESTIGATION:	AMB31	AMB31	AMB31	AMB31	AMB31	AMB31
SAMPLE DATE:	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93	02/15/93
LOCATION:	GW-03	GW-03	GW-03	GW-03	GW-04	GW-04
VALIDATED:						
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
ARSENIC	3.3	1.7	2.4	2 U	2.7	1.2
BARIUM	84.4	36.6	105	44.3	41.8	18.2
CADMIUM	3 U	3 U	3 U	3 U	3 U	3 U
CHROMIUM	9.8	6 U	14.7	6 U	7.4	6 U
LEAD	312	7.3	136	2.2	199	2 U
MERCURY	0.2 U	0.2 U	0.2 U	0.2 U	8.9	0.2 U
SELENIUM	3 U	3 U	1 U	1 U	3 U	3 U
SILVER	2 U	2 U	2 U	2 U	2 U	2 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-04-2	GW-04-2-DISS	LS3GW00101	LS3GW00101-F	LS3GW00201	LS3GW00201-F
INVESTIGATION:	AMB31	AMB31	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	02/15/93	02/15/93	10/30/97	10/30/97	10/30/97	10/30/97
LOCATION:	GW-04	GW-04	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			12 U		11 U	
1,2-DICHLOROBENZENE			12 U		11 U	
1,3-DICHLOROBENZENE			12 U		11 U	
1,4-DICHLOROBENZENE			12 U		11 U	
2,2'-OXYBIS(1-CHLOROPROPANE)			12 U		11 U	
2,4,5-TRICHLOROPHENOL			30 U		28 U	
2,4,6-TRICHLOROPHENOL			12 U		11 U	
2,4-DICHLOROPHENOL			12 U		11 U	
2,4-DIMETHYLPHENOL			12 U		11 U	
2,4-DINITROPHENOL			30 UJ		28 UJ	
2,4-DINITROTOLUENE			12 UJ		11 UJ	
2,6-DINITROTOLUENE			12 U		11 U	
2-CHLORONAPHTHALENE			12 U		11 U	
2-CHLOROPHENOL			12 U		11 U	
2-METHYLNAPHTHALENE			12 U		11 U	
2-METHYLPHENOL			12 U		11 U	
2-NITROANILINE			30 U		28 U	
2-NITROPHENOL			12 U		11 U	
3,3'-DICHLOROBENZIDINE			12 U		11 U	
3-NITROANILINE			30 U		28 U	
4,6-DINITRO-2-METHYLPHENOL			30 U		28 U	
4-BROMOPHENYL PHENYL ETHER			12 U		11 U	
4-CHLORO-3-METHYLPHENOL			12 U		11 U	
4-CHLOROANILINE			12 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-04-2	GW-04-2-DISS	LS3GW00101	LS3GW00101-F	LS3GW00201	LS3GW00201-F
INVESTIGATION:	AMB31	AMB31	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	02/15/93	02/15/93	10/30/97	10/30/97	10/30/97	10/30/97
LOCATION:	GW-04	GW-04	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
4-CHLOROPHENYL PHENYL ETHER			12 U		11 U	
4-METHYLPHENOL			12 U		11 U	
4-NITROANILINE			30 UJ		28 UJ	
4-NITROPHENOL			30 UJ		28 UJ	
ACENAPHTHENE			12 U		11 U	
ACENAPHTHYLENE			12 U		11 U	
ANTHRACENE			12 U		11 U	
BENZO(A)ANTHRACENE			12 U		11 U	
BENZO(A)PYRENE			12 U		11 U	
BENZO(B)FLUORANTHENE			12 U		11 U	
BENZO(G,H,I)PERYLENE			12 U		11 U	
BENZO(K)FLUORANTHENE			12 U		11 U	
BIS(2-CHLOROETHOXY)METHANE			12 U		11 U	
BIS(2-CHLOROETHYL)ETHER			12 U		11 U	
BIS(2-ETHYLHEXYL)PHTHALATE			12 U		26 U	
BUTYLBENZYL PHTHALATE			12 U		11 U	
CARBAZOLE			12 U		11 U	
CHRYSENE			12 U		11 U	
DI-N-BUTYL PHTHALATE			12 U		11 U	
DI-N-OCTYL PHTHALATE			12 UJ		11 UJ	
DIBENZO(A,H)ANTHRACENE			12 U		11 U	
DIBENZOFURAN			12 U		11 U	
DIETHYL PHTHALATE			12 U		11 U	
DIMETHYL PHTHALATE			12 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-04-2	GW-04-2-DISS	LS3GW00101	LS3GW00101-F	LS3GW00201	LS3GW00201-F
INVESTIGATION:	AMB31	AMB31	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	02/15/93	02/15/93	10/30/97	10/30/97	10/30/97	10/30/97
LOCATION:	GW-04	GW-04	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
FLUORANTHENE			12 UJ		11 UJ	
FLUORENE			12 U		11 U	
HEXACHLOROBENZENE			12 U		11 U	
HEXACHLOROBUTADIENE			12 U		11 U	
HEXACHLOROCYCLOPENTADIENE			12 UJ		11 UJ	
HEXACHLOROETHANE			12 U		11 U	
INDENO(1,2,3-CD)PYRENE			12 U		11 U	
ISOPHORONE			12 U		11 U	
N-NITROSO-DI-N-PROPYLAMINE			12 U		11 U	
N-NITROSODIPHENYLAMINE			12 U		11 U	
NAPHTHALENE			12 U		11 U	
NITROBENZENE			12 U		11 U	
PENTACHLOROPHENOL			30 UJ		28 UJ	
PHENANTHRENE			12 U		11 U	
PHENOL			12 U		11 U	
PYRENE			12 U		11 U	
METALS (µg/L)						
ALUMINUM			10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ
ANTIMONY			2.5 U	2.8 J	2.5 U	2.5 U
ARSENIC	2.1	2 U	2.5 U	2.5 U	2.5 U	2.5 U
BARIUM	43.7	22.2	26.5	294	135	446
BERYLLIUM			0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ
CADMIUM	3 U	3 U	0.29 U	0.22 U	0.23 U	0.25 U
CALCIUM			33000	36600	129000	136000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-04-2	GW-04-2-DISS	LS3GW00101	LS3GW00101-F	LS3GW00201	LS3GW00201-F
INVESTIGATION:	AMB31	AMB31	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	02/15/93	02/15/93	10/30/97	10/30/97	10/30/97	10/30/97
LOCATION:	GW-04	GW-04	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
CHROMIUM	9.8	6 U	1.8 U	0.68 U	1.3 U	3.6 J
COBALT			0.80 U	0.80 U	0.80 U	0.80 U
COPPER			3.1 U	5.4 U	3.4 U	5.7 U
IRON			13.0 U	13.0 U	30.5 U	106
LEAD	84	1.2	4.4 U	3.2 U	9.7	10.5 J
MAGNESIUM			54100	59900	237000	254000
MANGANESE			43.8	48.0	68.4	99.1
MERCURY	0.2 U	0.2 U	0.03 U	0.04 U	0.06 U	0.05 U
NICKEL			1.3 J	9.0 U	1.6	9.0 U
POTASSIUM			24400	26000	77700	83000
SELENIUM	1 U	1 U	1.9 U	1.9 U	1.9 U	1.9 U
SILVER	2 U	2 U	1.1 U	1.1 U	1.4 J	1.6 J
SODIUM			526000	572000	1930000	2080000
THALLIUM			5.3 U	4.8 U	6.1 U	5.2 U
VANADIUM			0.65 U	0.61 U	0.56 U	0.55 U
ZINC			13.2	118 J	10.8 U	119 J
PETROLEUM HYDROCARBONS (µg/L)						
TPH			1100 U		1100 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			9.4		6.68	
REDOX POTENTIAL (MV)			34.1		37.6	
SALINITY (PPT)			1.9		6.73	
SPECIFIC CONDUCTIVITY (MS/CM)			3.603		11.76	
TEMPERATURE (C)			19.07		18.96	

92000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	GW-04-2	GW-04-2-DISS	LS3GW00101	LS3GW00101-F	LS3GW00201	LS3GW00201-F
INVESTIGATION:	AMB31	AMB31	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	02/15/93	02/15/93	10/30/97	10/30/97	10/30/97	10/30/97
LOCATION:	GW-04	GW-04	MW1-3RI	MW1-3RI	MW2-3RI	MW2-3RI
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			93		48	
AMMONIA, AS NITROGEN (MG/L)			0.21		0.10 U	
CHLORIDE (MG/L)			1200		3800	
DIVALENT IRON (MG/L)			0		0	
HARDNESS AS CaCO3 (MG/L)			310		1200	
METHANE (UG/L)			810		5.4 U	
NITRATE, AS NITROGEN (MG/L)			0.47		2.4	
PHOSPHORUS (MG/L)			0.33 J		0.31 J	
SULFATE (MG/L)			140		510	
TOTAL ORGANIC CARBON (MG/L)			1.2 J		2.3 J	
TURBIDITY (NTU)			0.8		13.3	
GENERAL CHEMISTRY						
PH			6.83		6.45	

APPENDIX H.2.4

ZONE 4

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW13S	13GW13	13GW13	13GW13-2	13GW132	LS4GW13MW1301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/24/94	06/24/94	10/29/97
LOCATION:	13MW13	13MW13	13MW13	13MW13	13MW13	13MW13
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	5 U	10 U		10 U		
1,1,2,2-TETRACHLOROETHANE	5 U	10 U		10 U		
1,1,2-TRICHLOROETHANE	5 U	10 U		10 U		
1,1-DICHLOROETHANE	15	10 U		10 U		
1,1-DICHLOROETHENE	57	4 J		21		
1,2-DICHLOROETHANE	5 U	10 U		10 U		
1,2-DICHLOROETHENE (TOTAL)	5 U	10 U		10 U		
1,2-DICHLOROPROPANE	5 U	10 U		10 U		
2-BUTANONE	10 U	10 U		10 U		
2-HEXANONE	10 U	10 U		10 UJ		
4-METHYL-2-PENTANONE	10 U	10 U		10 U		
ACETONE	10 U	10 U		10 U		
BENZENE	5 U	10 U		10 U		
BROMODICHLOROMETHANE	5 U	10 U		10 U		
BROMOFORM	5 U	10 U		10 U		
BROMOMETHANE	10 U	10 U		10 U		
CARBON DISULFIDE	5 U	10 U		10 U		
CARBON TETRACHLORIDE	5 U	10 U		10 U		
CHLOROBENZENE	5 U	10 U		10 U		
CHLOROETHANE	10 U	10 U		10 U		
CHLOROFORM	5 U	10 U		10 U		
CHLOROMETHANE	10 U	10 U		10 U		
CIS-1,3-DICHLOROPROPENE	5 U	10 U		10 U		
DIBROMOCHLOROMETHANE	5 U	10 U		10 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW13S	13GW13	13GW13	13GW13-2	13GW132	LS4GW13MW1301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/24/94	06/24/94	10/29/97
LOCATION:	13MW13	13MW13	13MW13	13MW13	13MW13	13MW13
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	5 U	10 U		10 U		
METHYLENE CHLORIDE	5 U	10 U		11 U		
STYRENE	5 U	10 U		10 U		
TETRACHLOROETHENE	5 U	10 U		10 U		
TOLUENE	5 U	10 U		10 U		
TRANS-1,3-DICHLOROPROPENE	5 U	10 U		10 U		
TRICHLOROETHENE	5 U	10 U		10 U		
VINYL ACETATE	10 U	10 U		10 U		
VINYL CHLORIDE	12	10 U		5 J		
XYLENES, TOTAL	5 U	10 U		10 U		
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		10 U		10 U		11 U
1,2-DICHLOROBENZENE		10 U		10 U		11 U
1,3-DICHLOROBENZENE		10 U		10 U		11 U
1,4-DICHLOROBENZENE		10 U		10 U		11 U
2,2'-OXYBIS(1-CHLOROPROPANE)						11 U
2,4,5-TRICHLOROPHENOL		25 U		25 U		28 U
2,4,6-TRICHLOROPHENOL		10 U		10 U		11 U
2,4-DICHLOROPHENOL		10 U		10 U		11 U
2,4-DIMETHYLPHENOL		10 U		10 U		11 U
2,4-DINITROPHENOL		25 U		25 U		28 UJ
2,4-DINITROTOLUENE		10 U		10 U		11 UJ
2,6-DINITROTOLUENE		10 U		10 U		11 U
2-CHLORONAPHTHALENE		10 U		10 U		11 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW13S	13GW13	13GW13	13GW13-2	13GW132	LS4GW13MW1301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/24/94	06/24/94	10/29/97
LOCATION:	13MW13	13MW13	13MW13	13MW13	13MW13	13MW13
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		10 U		10 U		11 U
2-METHYLNAPHTHALENE		10 U		10 U		11 U
2-METHYLPHENOL		10 U		10 U		11 U
2-NITROANILINE		25 U		25 U		28 U
2-NITROPHENOL		10 U		10 U		11 U
3,3'-DICHLOROBENZIDINE		10 U		10 U		11 U
3-NITROANILINE		25 U		25 U		28 U
4,6-DINITRO-2-METHYLPHENOL		25 U		25 U		28 U
4-BROMOPHENYL PHENYL ETHER		10 U		10 U		11 U
4-CHLORO-3-METHYLPHENOL		10 U		10 U		11 U
4-CHLOROANILINE		10 U		10 U		11 U
4-CHLOROPHENYL PHENYL ETHER		10 U		10 U		11 U
4-METHYLPHENOL		10 U		10 U		11 U
4-NITROANILINE		25 U		25 U		28 UJ
4-NITROPHENOL		25 U		25 U		28 UJ
ACENAPHTHENE		10 U		10 U		11 U
ACENAPHTHYLENE		10 U		10 U		11 U
ANTHRACENE		10 U		10 U		11 U
BENZO(A)ANTHRACENE		10 U		10 U		11 U
BENZO(A)PYRENE		10 U		10 U		11 U
BENZO(B)FLUORANTHENE		10 U		10 U		11 U
BENZO(G,H,I)PERYLENE		10 U		10 U		11 U
BENZO(K)FLUORANTHENE		10 U		10 U		11 U
BENZOIC ACID		50 U		50 U		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW13S	13GW13	13GW13	13GW13-2	13GW132	LS4GW13MW1301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/24/94	06/24/94	10/29/97
LOCATION:	13MW13	13MW13	13MW13	13MW13	13MW13	13MW13
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL		10 U		10 U		
BIS(2-CHLOROETHOXY)METHANE		10 U		10 U		11 U
BIS(2-CHLOROETHYL)ETHER		10 U		10 U		11 U
BIS(2-CHLOROISOPROPYL) ETHER		10 U		10 U		
BIS(2-ETHYLHEXYL)PHTHALATE		10 U		10 U		11 U
BUTYLBENZYL PHTHALATE		10 U		10 U		11 U
CARBAZOLE		10 U		10 U		11 U
CHRYSENE		10 U		10 U		11 U
DI-N-BUTYL PHTHALATE		10 U		10 U		11 U
DI-N-OCTYL PHTHALATE		10 U		10 U		11 UJ
DIBENZO(A,H)ANTHRACENE		10 U		10 U		11 U
DIBENZOFURAN		10 U		10 U		11 U
DIETHYL PHTHALATE		10 U		10 U		11 U
DIMETHYL PHTHALATE		10 U		10 U		11 U
FLUORANTHENE		10 U		10 U		11 UJ
FLUORENE		10 U		10 U		11 U
HEXACHLOROBENZENE		10 U		10 U		11 U
HEXACHLOROBUTADIENE		10 U		10 U		11 U
HEXACHLOROCYCLOPENTADIENE		10 U		10 U		11 UJ
HEXACHLOROETHANE		10 U		10 U		11 U
INDENO(1,2,3-CD)PYRENE		10 U		10 U		11 U
ISOPHORONE		10 U		10 U		11 U
N-NITROSO-DI-N-PROPYLAMINE		10 U		10 U		11 U
N-NITROSODIPHENYLAMINE		10 U		10 U		11 U

00004

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW13S	13GW13	13GW13	13GW13-2	13GW132	LS4GW13MW1301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/24/94	06/24/94	10/29/97
LOCATION:	13MW13	13MW13	13MW13	13MW13	13MW13	13MW13
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		10 U		10 U		11 U
NITROBENZENE		10 U		10 U		11 U
PENTACHLOROPHENOL		25 U		25 U		28 UJ
PHENANTHRENE		10 U		10 U		11 U
PHENOL		10 U		10 U		11 U
PYRENE		10 U		10 U		11 U
METALS (µg/L)						
ALUMINUM	30 U	18.2 J	14 U	34.5	12.3 U	96.5 U
ANTIMONY	25 U	15 U	15 U	5 U	8.1 J	2.5 U
ARSENIC	4.5	9.3 J	2 UJ	13.6	11.6 U	21.4
BARIUM	15 U	10.8 J	11.4 J	6	6 J	3.6
BERYLLIUM	1 U	1 U	1 U	1 U	1 U	0.11 UJ
BORON	0.6 R	99.4	99.7	108	110 J	
CADMIUM	2 UJ	2 U	2 U	1.5 J	1 U	0.22 U
CALCIUM	35800	39500	40400	30300	30900	36500
CHROMIUM	5 U	3 UJ	3 UJ	1 U	1 U	1.8 U
COBALT	5 U	4 U	4 U	1 U	1 U	0.80 U
COPPER	5 U	2 U	2 U	3 U	3 U	1.2 U
CYANIDE	5 UJ					
IRON	3390 J	3210	694	8860	8460	12000
LEAD	2.8 J	2 UJ	2 UJ	2 UJ	2 UR	1.3 U
MAGNESIUM	7100	6350	6450	7570	7650	10300
MANGANESE	113	122	123	63.7	64.5	74.8
MERCURY	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.04 U

00005

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW13S	13GW13	13GW13	13GW13-2	13GW132	LS4GW13MW1301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/24/94	06/24/94	10/29/97
LOCATION:	13MW13	13MW13	13MW13	13MW13	13MW13	13MW13
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	17.4 J	10 U	10 U	3 U	3 U	0.83 J
POTASSIUM	6160	6930	7080	7250	7470	8130
SELENIUM	1 UJ	3 UJ	3 UJ	2 U	2 UR	1.9 U
SILVER	7 UJ	2 UJ	2 UJ	2 U	2 U	1.5 J
SODIUM	58100 J	81500	85700	81000 J	79100 J	86600
THALLIUM	2 UR	10 UJ	10 UJ	2 UJ	2 UR	4.8 U
VANADIUM	20 U	5 U	5 U	1 U	1 U	0.55 U
ZINC	20.3 J	7 U	12 J	5.8 U	4.1 U	5.0 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	2000 U	500 U		1000 U		1000 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)						0.57
REDOX POTENTIAL (MV)						-140.4
SALINITY (PPT)						0.34
SPECIFIC CONDUCTIVITY (MS/CM)						0.69
TEMPERATURE (C)						19.49
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)						100
AMMONIA, AS NITROGEN (MG/L)						0.38
CHLORIDE (MG/L)						160
DIVALENT IRON (MG/L)						4.60
HARDNESS AS CaCO3 (MG/L)		128		107		130
METHANE (UG/L)						2100
NITRATE, AS NITROGEN (MG/L)						0.17

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	012191-13MW13S	13GW13	13GW13	13GW13-2	13GW132	LS4GW13MW1301
INVESTIGATION:	PH1	PH2-1	PH2-1	PH2-2	PH2-2	1997RI
SAMPLE DATE:	01/21/91	03/07/94	03/07/94	06/24/94	06/24/94	10/29/97
LOCATION:	13MW13	13MW13	13MW13	13MW13	13MW13	13MW13
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)						1.4 J
SULFATE (MG/L)						18
TOTAL ORGANIC CARBON (MG/L)						4.2 J
TURBIDITY (NTU)						18
GENERAL CHEMISTRY						
PH						6.61

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1301-F	011591-13MW14S	13GW14	13GW14	13GW14-2	13GW142
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/29/97	01/15/91	03/07/94	03/07/94	06/25/94	06/25/94
LOCATION:	13MW13	13MW14	13MW14	13MW14	13MW14	13MW14
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE		5 U	10 U		10 U	
1,1,2,2-TETRACHLOROETHANE		5 U	10 U		10 U	
1,1,2-TRICHLOROETHANE		5 U	10 U		10 U	
1,1-DICHLOROETHANE		5 U	10 U		10 U	
1,1-DICHLOROETHENE		5 U	10 U		10 U	
1,2-DICHLOROETHANE		5 U	10 U		10 U	
1,2-DICHLOROETHENE (TOTAL)		5 U	10 U		10 U	
1,2-DICHLOROPROPANE		5 U	10 U		10 U	
2-BUTANONE		10 U	10 U		10 U	
2-HEXANONE		10 U	10 U		10 UJ	
4-METHYL-2-PENTANONE		10 U	10 U		10 U	
ACETONE		10 U	10 U		10 U	
BENZENE		5 U	10 U		10 U	
BROMODICHLOROMETHANE		5 U	10 U		10 U	
BROMOFORM		5 U	10 U		10 U	
BROMOMETHANE		10 U	10 U		10 U	
CARBON DISULFIDE		5 U	10 U		10 U	
CARBON TETRACHLORIDE		5 U	10 U		10 U	
CHLOROBENZENE		5 U	10 U		10 U	
CHLOROETHANE		10 U	10 U		10 U	
CHLOROFORM		5 U	10 U		10 U	
CHLOROMETHANE		10 U	10 U		10 U	
CIS-1,3-DICHLOROPROPENE		5 U	10 U		10 U	
DIBROMOCHLOROMETHANE		5 U	10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1301-F	011591-13MW14S	13GW14	13GW14	13GW14-2	13GW142
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/29/97	01/15/91	03/07/94	03/07/94	06/25/94	06/25/94
LOCATION:	13MW13	13MW14	13MW14	13MW14	13MW14	13MW14
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE		5 U	10 U		10 U	
METHYLENE CHLORIDE		5 U	10 U		10 U	
STYRENE		5 U	10 U		10 U	
TETRACHLOROETHENE		5 U	10 U		10 U	
TOLUENE		5 U	10 U		10 U	
TRANS-1,3-DICHLOROPROPENE		5 U	10 U		10 U	
TRICHLOROETHENE		5 U	10 U		10 U	
VINYL ACETATE		10 U	10 U		10 U	
VINYL CHLORIDE		10 U	10 U		10 U	
XYLENES, TOTAL		5 U	10 U		10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			10 U		10 U	
1,2-DICHLOROBENZENE			10 U		10 U	
1,3-DICHLOROBENZENE			10 U		10 U	
1,4-DICHLOROBENZENE			10 U		10 U	
2,4,5-TRICHLOROPHENOL			25 U		25 U	
2,4,6-TRICHLOROPHENOL			10 U		10 U	
2,4-DICHLOROPHENOL			10 U		10 U	
2,4-DIMETHYLPHENOL			10 U		10 U	
2,4-DINITROPHENOL			25 U		25 U	
2,4-DINITROTOLUENE			10 U		10 U	
2,6-DINITROTOLUENE			10 U		10 U	
2-CHLORONAPHTHALENE			10 U		10 U	
2-CHLOROPHENOL			10 U		10 U	

60000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1301-F	011591-13MW14S	13GW14	13GW14	13GW14-2	13GW142
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/29/97	01/15/91	03/07/94	03/07/94	06/25/94	06/25/94
LOCATION:	13MW13	13MW14	13MW14	13MW14	13MW14	13MW14
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE			10 U		10 U	
2-METHYLPHENOL			10 U		10 U	
2-NITROANILINE			25 U		25 U	
2-NITROPHENOL			10 U		10 U	
3,3'-DICHLOROBENZIDINE			10 U		10 U	
3-NITROANILINE			25 U		25 U	
4,6-DINITRO-2-METHYLPHENOL			25 U		25 U	
4-BROMOPHENYL PHENYL ETHER			10 U		10 U	
4-CHLORO-3-METHYLPHENOL			10 U		10 U	
4-CHLOROANILINE			10 U		10 U	
4-CHLOROPHENYL PHENYL ETHER			10 U		10 U	
4-METHYLPHENOL			10 U		10 U	
4-NITROANILINE			25 U		25 U	
4-NITROPHENOL			25 U		25 U	
ACENAPHTHENE			10 U		10 U	
ACENAPHTHYLENE			10 U		10 U	
ANTHRACENE			10 U		10 U	
BENZO(A)ANTHRACENE			10 U		10 U	
BENZO(A)PYRENE			10 U		10 U	
BENZO(B)FLUORANTHENE			10 U		10 U	
BENZO(G,H,I)PERYLENE			10 U		10 U	
BENZO(K)FLUORANTHENE			10 U		10 U	
BENZOIC ACID			50 U		50 U	
BENZYL ALCOHOL			10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1301-F	011591-13MW14S	13GW14	13GW14	13GW14-2	13GW142
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/29/97	01/15/91	03/07/94	03/07/94	06/25/94	06/25/94
LOCATION:	13MW13	13MW14	13MW14	13MW14	13MW14	13MW14
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-CHLOROETHOXY)METHANE			10 U		10 U	
BIS(2-CHLOROETHYL)ETHER			10 U		10 U	
BIS(2-CHLOROISOPROPYL) ETHER			10 U		10 U	
BIS(2-ETHYLHEXYL)PHTHALATE			10 U		10 U	
BUTYLBENZYL PHTHALATE			10 U		10 U	
CARBAZOLE			10 U		10 U	
CHRYSENE			10 U		10 U	
DI-N-BUTYL PHTHALATE			10 U		10 U	
DI-N-OCTYL PHTHALATE			10 U		10 U	
DIBENZO(A,H)ANTHRACENE			10 U		10 U	
DIBENZOFURAN			10 U		10 U	
DIETHYL PHTHALATE			10 U		10 U	
DIMETHYL PHTHALATE			10 U		10 U	
FLUORANTHENE			10 U		10 U	
FLUORENE			10 U		10 U	
HEXACHLOROBENZENE			10 U		10 U	
HEXACHLOROBUTADIENE			10 U		10 U	
HEXACHLOROCYCLOPENTADIENE			10 U		10 U	
HEXACHLOROETHANE			10 U		10 U	
INDENO(1,2,3-CD)PYRENE			10 U		10 U	
ISOPHORONE			10 U		10 U	
N-NITROSO-DI-N-PROPYLAMINE			10 U		10 U	
N-NITROSODIPHENYLAMINE			10 U		10 U	
NAPHTHALENE			10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1301-F	011591-13MW14S	13GW14	13GW14	13GW14-2	13GW142
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/29/97	01/15/91	03/07/94	03/07/94	06/25/94	06/25/94
LOCATION:	13MW13	13MW14	13MW14	13MW14	13MW14	13MW14
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NITROBENZENE			10 U		10 U	
PENTACHLOROPHENOL			25 U		25 U	
PHENANTHRENE			10 U		10 U	
PHENOL			10 U		10 U	
PYRENE			10 U		10 U	
METALS (µg/L)						
ALUMINUM	10.0 UJ	30 U	14 U	14 U	42 U	10 U
ANTIMONY	2.5 U	25 U	15 U	15 U	3 UR	14.8
ARSENIC	14.7	3 U	2 U	2 U	10 U	20 U
BARIUM	272	25	29.7 U	29.9 U	49.4 J	62.9
BERYLLIUM	0.11 UJ	1 U	1 U	1 U	1 U	1 U
BORON		37 R	1110 J	1080	1730 J	1850
CADMIUM	0.22 U	2 U	2 UJ	2 UJ	1 U	2 U
CALCIUM	36300	75300	110000	107000	168000	208000
CHROMIUM	0.68 U	5 U	3 U	3 U	1 U	3 U
COBALT	0.80 U	5 U	4 U	4 U	1 U	3 U
COPPER	2.3 U	9.4	8.1 J	9.5 J	4.3 U	11.7
CYANIDE		5 UJ				
IRON	9280	258 J	95.2 J	28.8 U	16 U	56.2
LEAD	1.3 U	2.6 J	11.3	5.2 UJ	26.5 J	20 U
MAGNESIUM	10300	204000	305000	295000	663000	575000
MANGANESE	72.1	51.6	11.9 U	10.9 U	3.4	6.1
MERCURY	0.05 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	9.0 U	17.8 J	10 U	10 U	12 U	7 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1301-F	011591-13MW14S	13GW14	13GW14	13GW14-2	13GW142
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/29/97	01/15/91	03/07/94	03/07/94	06/25/94	06/25/94
LOCATION:	13MW13	13MW14	13MW14	13MW14	13MW14	13MW14
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
POTASSIUM	8210	67500	123000 J	118000 J	214000	202000
SELENIUM	1.9 U	7.7	30 UJ	3 UJ	4 UR	10 U
SILVER	1.1 U	7 U	2 U	2 U	1 U	2 U
SODIUM	93600	1790000	3090000	2850000	5430000	142 U
THALLIUM	4.8 U	10 U	10 UJ	10 UJ	20 UR	20 U
VANADIUM	0.55 U	20 U	5 UJ	5 U	1 U	3 U
ZINC	109 J	31.6 J	23.7	17.1 U	27.8	8.5
PETROLEUM HYDROCARBONS (µg/L)						
TPH		3000 U	500 U		500 U	
MISCELLANEOUS PARAMETERS						
HARDNESS AS CaCO3 (MG/L)			1690		3200	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1401	LS4GW13MW1401-F	012291-13MW15S	012291-13MW19S	13GW15	13GW15
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/28/97	10/28/97	01/22/91	01/22/91	03/07/94	03/07/94
LOCATION:	13MW14	13MW14	13MW15	13MW15	13MW15	13MW15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:				012291-13MW15S		
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE			5 U	5 U	10 U	
1,1,2,2-TETRACHLOROETHANE			5 U	5 U	10 U	
1,1,2-TRICHLOROETHANE			5 U	5 U	10 U	
1,1-DICHLOROETHANE			5 U	5 U	10 U	
1,1-DICHLOROETHENE			5 U	5 U	10 U	
1,2-DICHLOROETHANE			5 U	5 U	10 U	
1,2-DICHLOROETHENE (TOTAL)			5 U	5 U	10 U	
1,2-DICHLOROPROPANE			5 U	5 U	10 U	
2-BUTANONE			10 U	10 U	10 U	
2-HEXANONE			10 U	10 U	10 U	
4-METHYL-2-PENTANONE			10 U	10 U	10 U	
ACETONE			12 U	10 U	10 U	
BENZENE			5 U	5 U	10 U	
BROMODICHLOROMETHANE			5 U	5 U	10 U	
BROMOFORM			5 U	5 U	10 U	
BROMOMETHANE			10 U	10 U	10 U	
CARBON DISULFIDE			5 U	5 U	10 U	
CARBON TETRACHLORIDE			5 U	5 U	10 U	
CHLOROBENZENE			5 U	5 U	10 U	
CHLOROETHANE			10 U	10 U	10 U	
CHLOROFORM			5 U	5 U	10 U	
CHLOROMETHANE			10 U	10 U	10 U	
CIS-1,3-DICHLOROPROPENE			5 U	5 U	10 U	
DIBROMOCHLOROMETHANE			5 U	5 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1401	LS4GW13MW1401-F	012291-13MW15S	012291-13MW19S	13GW15	13GW15
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/28/97	10/28/97	01/22/91	01/22/91	03/07/94	03/07/94
LOCATION:	13MW14	13MW14	13MW15	13MW15	13MW15	13MW15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:				012291-13MW15S		
VOLATILES (µg/L)						
ETHYLBENZENE			5 U	5 U	10 U	
METHYLENE CHLORIDE			5 U	5 U	10 U	
STYRENE			5 U	5 U	10 U	
TETRACHLOROETHENE			5 U	5 U	10 U	
TOLUENE			5 U	5 U	10 U	
TRANS-1,3-DICHLOROPROPENE			5 U	5 U	10 U	
TRICHLOROETHENE			5 U	5 U	10 U	
VINYL ACETATE			10 U	10 U	10 U	
VINYL CHLORIDE			10 U	10 U	10 U	
XYLENES, TOTAL			5 U	5 U	10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	11 U				10 U	
1,2-DICHLOROBENZENE	11 U				10 U	
1,3-DICHLOROBENZENE	11 U				10 U	
1,4-DICHLOROBENZENE	11 U				10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	11 U					
2,4,5-TRICHLOROPHENOL	28 U				25 U	
2,4,6-TRICHLOROPHENOL	11 U				10 U	
2,4-DICHLOROPHENOL	11 U				10 U	
2,4-DIMETHYLPHENOL	11 U				10 U	
2,4-DINITROPHENOL	28 UJ				25 U	
2,4-DINITROTOLUENE	11 UJ				10 U	
2,6-DINITROTOLUENE	11 U				10 U	
2-CHLORONAPHTHALENE	11 U				10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1401	LS4GW13MW1401-F	012291-13MW15S	012291-13MW19S	13GW15	13GW15
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/28/97	10/28/97	01/22/91	01/22/91	03/07/94	03/07/94
LOCATION:	13MW14	13MW14	13MW15	13MW15	13MW15	13MW15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:				012291-13MW15S		
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	11 U				10 U	
2-METHYLNAPHTHALENE	11 U				10 U	
2-METHYLPHENOL	11 U				10 U	
2-NITROANILINE	28 U				25 U	
2-NITROPHENOL	11 U				10 U	
3,3'-DICHLOROBENZIDINE	11 UJ				10 U	
3-NITROANILINE	28 UJ				25 U	
4,6-DINITRO-2-METHYLPHENOL	28 U				25 U	
4-BROMOPHENYL PHENYL ETHER	11 U				10 U	
4-CHLORO-3-METHYLPHENOL	11 U				10 U	
4-CHLOROANILINE	11 U				10 U	
4-CHLOROPHENYL PHENYL ETHER	11 U				10 U	
4-METHYLPHENOL	11 U				10 U	
4-NITROANILINE	28 UJ				25 U	
4-NITROPHENOL	28 UJ				25 U	
ACENAPHTHENE	11 U				10 U	
ACENAPHTHYLENE	11 U				10 U	
ANTHRACENE	11 U				10 U	
BENZO(A)ANTHRACENE	11 U				10 U	
BENZO(A)PYRENE	11 U				10 U	
BENZO(B)FLUORANTHENE	11 U				10 U	
BENZO(G,H,I)PERYLENE	11 U				10 U	
BENZO(K)FLUORANTHENE	11 UJ				10 U	
BENZOIC ACID					50 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1401	LS4GW13MW1401-F	012291-13MW15S	012291-13MW19S	13GW15	13GW15
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/28/97	10/28/97	01/22/91	01/22/91	03/07/94	03/07/94
LOCATION:	13MW14	13MW14	13MW15	13MW15	13MW15	13MW15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:				012291-13MW15S		
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL					10 U	
BIS(2-CHLOROETHOXY)METHANE	11 U				10 U	
BIS(2-CHLOROETHYL)ETHER	11 U				10 U	
BIS(2-CHLOROISOPROPYL) ETHER					10 U	
BIS(2-ETHYLHEXYL)PHTHALATE	12 U				10 U	
BUTYLBENZYL PHTHALATE	11 U				10 U	
CARBAZOLE	11 U				10 U	
CHRYSENE	11 U				10 U	
DI-N-BUTYL PHTHALATE	11 U				10 U	
DI-N-OCTYL PHTHALATE	11 UJ				10 U	
DIBENZO(A,H)ANTHRACENE	11 U				10 U	
DIBENZOFURAN	11 U				10 U	
DIETHYL PHTHALATE	11 U				10 U	
DIMETHYL PHTHALATE	11 U				10 U	
FLUORANTHENE	11 UJ				10 U	
FLUORENE	11 U				10 U	
HEXACHLOROBENZENE	11 U				10 U	
HEXACHLOROBUTADIENE	11 U				10 U	
HEXACHLOROCYCLOPENTADIENE	11 U				10 U	
HEXACHLOROETHANE	11 U				10 U	
INDENO(1,2,3-CD)PYRENE	11 U				10 U	
ISOPHORONE	11 U				10 U	
N-NITROSO-DI-N-PROPYLAMINE	11 U				10 U	
N-NITROSODIPHENYLAMINE	11 U				10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1401	LS4GW13MW1401-F	012291-13MW15S	012291-13MW19S	13GW15	13GW15
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/28/97	10/28/97	01/22/91	01/22/91	03/07/94	03/07/94
LOCATION:	13MW14	13MW14	13MW15	13MW15	13MW15	13MW15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:				012291-13MW15S		
SEMIVOLATILES (µg/L)						
NAPHTHALENE	11 U				0.8 J	
NITROBENZENE	11 U				10 U	
PENTACHLOROPHENOL	28 UJ				25 U	
PHENANTHRENE	11 U				10 U	
PHENOL	11 U				10 U	
PYRENE	11 U				1 J	
METALS (µg/L)						
ALUMINUM	16.1 U	22.2 U	30 U	30 U	244	14 U
ANTIMONY	2.5 U	2.5 U	25 U	25 U	15 UJ	15 U
ARSENIC	2.5 U	2.5 U	3 U	3 U	20 UJ	20 UJ
BARIUM	47.3	234	49.8	49.9	33.7 J	32.5 J
BERYLLIUM	0.19 U	0.28 U	1 U	1 U	1 U	1 U
BORON			9.9 R	9.3 R	1890	1900
CADMIUM	0.22 U	0.22 U	2 UJ	2 UJ	2 U	2 U
CALCIUM	188000	188000	157000	156000	181000	180000
CHROMIUM	3.1 U	3.1 U	5 U	5 U	3 UJ	3 UJ
COBALT	2.9 U	2.9 U	5 U	5 U	4 U	4 U
COPPER	8.7	8.5	6.4	5 U	6.9 R	3.5 R
CYANIDE			5 UJ	5 UJ		
IRON	150 U	97.0 U	283 J	288 J	1520	999
LEAD	10.3 J	6.8 J	10 UR	10 UR	20 UJ	20 UJ
MAGNESIUM	469000	473000	604000	591000	567000	574000
MANGANESE	13.1	12.9	56.5	56.1	44.9	40.1
MERCURY	0.03 U	0.03 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1401	LS4GW13MW1401-F	012291-13MW15S	012291-13MW19S	13GW15	13GW15
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/28/97	10/28/97	01/22/91	01/22/91	03/07/94	03/07/94
LOCATION:	13MW14	13MW14	13MW15	13MW15	13MW15	13MW15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:				012291-13MW15S		
METALS (µg/L)						
NICKEL	9.0 U	9.0 U	16 J	11.8 J	10 U	10 U
POTASSIUM	155000	157000	175000	170000	259000	263000
SELENIUM	1.9 U	1.9 U	1 UJ	1 UJ	3 UJ	3 UJ
SILVER	2.8 U	2.8 U	7 UJ	7 UJ	2 UJ	2 UJ
SODIUM	3910000	3990000	4930000 J	4630000 J	5630000	1310000
THALLIUM	5.1 U	4.8 U	7.8 J	11.5 J	10 UJ	10 UJ
VANADIUM	2.9 UJ	2.9 UJ	20 U	20 U	5 UJ	5 UJ
ZINC	4.6 U	84.2 J	7.4 J	4.9 J	2 U	2 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1100 U		2000 U	2000 U	500 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	0.56					
REDOX POTENTIAL (MV)	67.5					
SALINITY (PPT)	11.9					
SPECIFIC CONDUCTIVITY (MS/CM)	19.89					
TEMPERATURE (C)	17.85					
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	94					
AMMONIA, AS NITROGEN (MG/L)	0.10 U					
CHLORIDE (MG/L)	7200					
DIVALENT IRON (MG/L)	0					
HARDNESS AS CaCO3 (MG/L)	2200				3500	
METHANE (UG/L)	31					
NITRATE, AS NITROGEN (MG/L)	0.12					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW13MW1401	LS4GW13MW1401-F	012291-13MW15S	012291-13MW19S	13GW15	13GW15
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/28/97	10/28/97	01/22/91	01/22/91	03/07/94	03/07/94
LOCATION:	13MW14	13MW14	13MW15	13MW15	13MW15	13MW15
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:				012291-13MW15S		
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)	0.41 J					
SULFATE (MG/L)	1200					
TOTAL ORGANIC CARBON (MG/L)	4.8 J					
TURBIDITY (NTU)	0.89					
GENERAL CHEMISTRY						
PH	6.60					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW15-2	13GW152	LS4GW13MW1501	LS4GW13MW1501-F	012391-13MW16S	13GW16
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/25/94	06/25/94	11/03/97	11/03/97	01/23/91	03/07/94
LOCATION:	13MW15	13MW15	13MW15	13MW15	13MW16	13MW16
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U				5 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U				5 U	10 U
1,1,2-TRICHLOROETHANE	10 U				5 U	10 U
1,1-DICHLOROETHANE	10 U				5 U	10 U
1,1-DICHLOROETHENE	10 U				5 U	10 U
1,2-DICHLOROETHANE	10 U				5 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U				5 U	10 U
1,2-DICHLOROPROPANE	10 U				5 U	10 U
2-BUTANONE	10 U				10 U	10 U
2-HEXANONE	10 UJ				10 U	10 U
4-METHYL-2-PENTANONE	10 U				10 U	10 U
ACETONE	10 U				10 U	10 U
BENZENE	10 U				5 U	10 U
BROMODICHLOROMETHANE	10 U				5 U	10 U
BROMOFORM	10 U				5 U	10 U
BROMOMETHANE	10 U				10 U	10 U
CARBON DISULFIDE	10 U				5 U	10 U
CARBON TETRACHLORIDE	10 U				5 U	10 U
CHLOROBENZENE	10 U				5 U	10 U
CHLOROETHANE	10 U				10 U	10 U
CHLOROFORM	10 U				5 U	10 U
CHLOROMETHANE	10 U				10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U				5 U	10 U
DIBROMOCHLOROMETHANE	10 U				5 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW15-2	13GW152	LS4GW13MW1501	LS4GW13MW1501-F	012391-13MW16S	13GW16
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/25/94	06/25/94	11/03/97	11/03/97	01/23/91	03/07/94
LOCATION:	13MW15	13MW15	13MW15	13MW15	13MW16	13MW16
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	10 U				5 U	10 U
METHYLENE CHLORIDE	10 U				5 U	10 U
STYRENE	10 U				5 U	10 U
TETRACHLOROETHENE	10 U				5 U	10 U
TOLUENE	10 U				5 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U				5 U	10 U
TRICHLOROETHENE	10 U				5 U	10 U
VINYL ACETATE	10 U				10 U	10 U
VINYL CHLORIDE	10 U				10 U	10 U
XYLENES, TOTAL	10 U				5 U	10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U		11 U			10 U
1,2-DICHLOROBENZENE	10 U		11 U			10 U
1,3-DICHLOROBENZENE	10 U		11 U			10 U
1,4-DICHLOROBENZENE	10 U		11 U			10 U
2,2'-OXYBIS(1-CHLOROPROPANE)			11 U			
2,4,5-TRICHLOROPHENOL	25 U		28 U			25 U
2,4,6-TRICHLOROPHENOL	10 U		11 U			10 U
2,4-DICHLOROPHENOL	10 U		11 U			10 U
2,4-DIMETHYLPHENOL	10 U		11 U			10 U
2,4-DINITROPHENOL	25 U		28 UJ			25 U
2,4-DINITROTOLUENE	10 U		11 U			10 U
2,6-DINITROTOLUENE	10 U		11 U			10 U
2-CHLORONAPHTHALENE	10 U		11 U			10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW15-2	13GW152	LS4GW13MW1501	LS4GW13MW1501-F	012391-13MW16S	13GW16
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/25/94	06/25/94	11/03/97	11/03/97	01/23/91	03/07/94
LOCATION:	13MW15	13MW15	13MW15	13MW15	13MW16	13MW16
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U		11 U			10 U
2-METHYLNAPHTHALENE	10 U		11 U			10 U
2-METHYLPHENOL	10 U		11 U			10 U
2-NITROANILINE	25 U		28 U			25 U
2-NITROPHENOL	10 U		11 U			10 U
3,3'-DICHLOROBENZIDINE	10 U		11 U			10 U
3-NITROANILINE	25 U		28 U			25 U
4,6-DINITRO-2-METHYLPHENOL	25 U		28 UJ			25 U
4-BROMOPHENYL PHENYL ETHER	10 U		11 U			10 U
4-CHLORO-3-METHYLPHENOL	10 U		11 U			10 U
4-CHLOROANILINE	10 U		11 U			10 U
4-CHLOROPHENYL PHENYL ETHER	10 U		11 U			10 U
4-METHYLPHENOL	10 U		11 U			10 U
4-NITROANILINE	25 U		28 U			25 U
4-NITROPHENOL	25 U		28 U			25 U
ACENAPHTHENE	10 U		0.9 J			1 J
ACENAPHTHYLENE	10 U		11 U			10 U
ANTHRACENE	10 U		11 U			10 U
BENZO(A)ANTHRACENE	10 U		11 U			10 U
BENZO(A)PYRENE	10 U		11 U			10 U
BENZO(B)FLUORANTHENE	10 U		11 U			10 U
BENZO(G,H,I)PERYLENE	10 U		11 U			10 U
BENZO(K)FLUORANTHENE	10 U		11 U			10 U
BENZOIC ACID	50 U					50 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW15-2	13GW152	LS4GW13MW1501	LS4GW13MW1501-F	012391-13MW16S	13GW16
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/25/94	06/25/94	11/03/97	11/03/97	01/23/91	03/07/94
LOCATION:	13MW15	13MW15	13MW15	13MW15	13MW16	13MW16
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U					10 U
BIS(2-CHLOROETHOXY)METHANE	10 U		11 U			10 U
BIS(2-CHLOROETHYL)ETHER	10 U		11 U			10 U
BIS(2-CHLOROISOPROPYL) ETHER	10 U					10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U		11 U			10 U
BUTYLBENZYL PHTHALATE	10 U		11 UJ			10 U
CARBAZOLE	10 U		11 U			10 U
CHRYSENE	10 U		11 U			10 U
DI-N-BUTYL PHTHALATE	10 U		11 U			10 U
DI-N-OCTYL PHTHALATE	10 U		11 UJ			10 U
DIBENZO(A,H)ANTHRACENE	10 U		11 U			10 U
DIBENZOFURAN	10 U		11 U			10 U
DIETHYL PHTHALATE	10 U		11 U			10 U
DIMETHYL PHTHALATE	10 U		11 U			10 U
FLUORANTHENE	10 U		11 U			10 U
FLUORENE	10 U		11 U			10 U
HEXACHLOROBENZENE	10 U		11 U			10 U
HEXACHLOROBUTADIENE	10 U		11 U			10 U
HEXACHLOROCYCLOPENTADIENE	10 U		11 UJ			10 U
HEXACHLOROETHANE	10 U		11 U			10 U
INDENO(1,2,3-CD)PYRENE	10 U		11 U			10 U
ISOPHORONE	10 U		11 U			10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U		11 U			10 U
N-NITROSODIPHENYLAMINE	10 U		11 U			10 U

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW15-2	13GW152	LS4GW13MW1501	LS4GW13MW1501-F	012391-13MW16S	13GW16
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/25/94	06/25/94	11/03/97	11/03/97	01/23/91	03/07/94
LOCATION:	13MW15	13MW15	13MW15	13MW15	13MW16	13MW16
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE	10 U		11 U			0.6 J
NITROBENZENE	10 U		11 U			10 U
PENTACHLOROPHENOL	25 U		28 U			25 U
PHENANTHRENE	10 U		11 U			10 U
PHENOL	10 U		11 UJ			10 U
PYRENE	1 J		1 J			10 U
METALS (µg/L)						
ALUMINUM	42 U	10 U	78.4 U	85.7 U	30 U	14 U
ANTIMONY	3 UR	12 U	2.5 U	2.5 U	25 U	15 U
ARSENIC	11 J	20 U	2.5 U	2.5 U	3 U	20 U
BARIUM	39.3 J	53.5	39.5 J	45.3 J	39.6	37.6 U
BERYLLIUM	1.1 J	1 U	0.11 UJ	0.11 UJ	1 U	1 U
BORON	2070 J	2370			5.3 R	1530 J
CADMIUM	1.9 R	2 U	0.22 U	0.22 U	2 UJ	2 UJ
CALCIUM	179000	238000	246000	251000	150000	145000
CHROMIUM	1.4 J	3 U	4.7 J	2.7 U	5 U	3 U
COBALT	1 U	3 U	0.80 U	1.1 J	5 U	4 U
COPPER	1 U	4.3	1.6 U	1.0 U	5 U	5.6 J
CYANIDE					5 UJ	
IRON	3490	4530	247	339 J	522 J	2930
LEAD	20 UJ	2 U	1.3 U	1.3 U	10 UR	1.6 J
MAGNESIUM	776000	686000	861000	878000	489000	435000
MANGANESE	51.5	63.3	42.1	45.4	88	48.8
MERCURY	0.2 U	0.2 U	0.03 U	0.01 UJ	0.2 UJ	0.2 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW15-2	13GW152	LS4GW13MW1501	LS4GW13MW1501-F	012391-13MW16S	13GW16
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/25/94	06/25/94	11/03/97	11/03/97	01/23/91	03/07/94
LOCATION:	13MW15	13MW15	13MW15	13MW15	13MW16	13MW16
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	12 U	7 U	2.5 U	2.6 U	19.3 J	11.6
POTASSIUM	256000	252000	285000	291000	163000	189000 J
SELENIUM	4 UR	10 U	1.9 U	1.9 U	1 UJ	30 UJ
SILVER	1 U	2 U	4.1	5.3 U	7 UJ	2 U
SODIUM	6310000	142 U	7120000	7260000	2250000 J	4800000
THALLIUM	20 UR	20 U	4.8 U	4.8 U	3.6 J	10 UJ
VANADIUM	1 U	3 U	0.63 J	0.55 U	20 U	5.3 J
ZINC	10.3	2 U	1.2 UJ	1.2 UJ	9.8 J	10 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	500 U		1100 U		5400	800
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			0.06			
REDOX POTENTIAL (MV)			-490.8 R			
SALINITY (PPT)			21.88			
SPECIFIC CONDUCTIVITY (MS/CM)			34.71			
TEMPERATURE (C)			16.79			
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			190			
AMMONIA, AS NITROGEN (MG/L)			1.5 J			
CHLORIDE (MG/L)			13000			
DIVALENT IRON (MG/L)			0			
HARDNESS AS CaCO3 (MG/L)	5900		4000			2560
METHANE (UG/L)			1000			
NITRATE, AS NITROGEN (MG/L)			0.15			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW15-2	13GW152	LS4GW13MW1501	LS4GW13MW1501-F	012391-13MW16S	13GW16
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/25/94	06/25/94	11/03/97	11/03/97	01/23/91	03/07/94
LOCATION:	13MW15	13MW15	13MW15	13MW15	13MW16	13MW16
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)			1.4 J			
SULFATE (MG/L)			71			
TOTAL ORGANIC CARBON (MG/L)			8.4 J			
TURBIDITY (NTU)			5.91			
GENERAL CHEMISTRY						
PH			7.2			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW16	13GW16-2	13GW162	LS4GW13MW1601	LS4GW13MW1601-F	LS4GW00101
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/07/94	06/25/94	06/25/94	11/03/97	11/03/97	10/29/97
LOCATION:	13MW16	13MW16	13MW16	13MW16	13MW16	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE		10 U				
1,1,2,2-TETRACHLOROETHANE		10 U				
1,1,2-TRICHLOROETHANE		10 U				
1,1-DICHLOROETHANE		10 U				
1,1-DICHLOROETHENE		10 U				
1,2-DICHLOROETHANE		10 U				
1,2-DICHLOROETHENE (TOTAL)		10 U				
1,2-DICHLOROPROPANE		10 U				
2-BUTANONE		10 U				
2-HEXANONE		10 UJ				
4-METHYL-2-PENTANONE		10 U				
ACETONE		10 U				
BENZENE		10 U				
BROMODICHLOROMETHANE		10 U				
BROMOFORM		10 U				
BROMOMETHANE		10 U				
CARBON DISULFIDE		10 U				
CARBON TETRACHLORIDE		10 U				
CHLOROBENZENE		10 U				
CHLOROETHANE		10 U				
CHLOROFORM		10 U				
CHLOROMETHANE		10 U				
CIS-1,3-DICHLOROPROPENE		10 U				
DIBROMOCHLOROMETHANE		10 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW16	13GW16-2	13GW162	LS4GW13MW1601	LS4GW13MW1601-F	LS4GW00101
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/07/94	06/25/94	06/25/94	11/03/97	11/03/97	10/29/97
LOCATION:	13MW16	13MW16	13MW16	13MW16	13MW16	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE		10 U				
METHYLENE CHLORIDE		10 U				
STYRENE		10 U				
TETRACHLOROETHENE		10 U				
TOLUENE		10 U				
TRANS-1,3-DICHLOROPROPENE		10 U				
TRICHLOROETHENE		10 U				
VINYL ACETATE		10 U				
VINYL CHLORIDE		10 U				
XYLENES, TOTAL		10 U				
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		10 U		11 U		11 U
1,2-DICHLOROBENZENE		10 U		11 U		11 U
1,3-DICHLOROBENZENE		10 U		11 U		11 U
1,4-DICHLOROBENZENE		10 U		11 U		11 U
2,2'-OXYBIS(1-CHLOROPROPANE)				11 U		11 U
2,4,5-TRICHLOROPHENOL		25 U		28 U		28 U
2,4,6-TRICHLOROPHENOL		10 U		11 U		11 U
2,4-DICHLOROPHENOL		10 U		11 U		11 U
2,4-DIMETHYLPHENOL		10 U		1 J		11 U
2,4-DINITROPHENOL		25 U		28 UJ		28 UJ
2,4-DINITROTOLUENE		10 U		11 UJ		11 UJ
2,6-DINITROTOLUENE		10 U		11 U		11 U
2-CHLORONAPHTHALENE		10 U		11 U		11 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW16	13GW16-2	13GW162	LS4GW13MW1601	LS4GW13MW1601-F	LS4GW00101
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/07/94	06/25/94	06/25/94	11/03/97	11/03/97	10/29/97
LOCATION:	13MW16	13MW16	13MW16	13MW16	13MW16	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		10 U		11 U		11 U
2-METHYLNAPHTHALENE		10 U		11 U		11 U
2-METHYLPHENOL		10 U		11 U		11 U
2-NITROANILINE		25 U		28 U		28 U
2-NITROPHENOL		10 U		11 U		11 U
3,3'-DICHLOROBENZIDINE		10 U		11 U		11 U
3-NITROANILINE		25 U		28 U		28 U
4,6-DINITRO-2-METHYLPHENOL		25 U		28 U		28 U
4-BROMOPHENYL PHENYL ETHER		10 U		11 U		11 U
4-CHLORO-3-METHYLPHENOL		10 U		11 U		11 U
4-CHLOROANILINE		10 U		11 U		11 U
4-CHLOROPHENYL PHENYL ETHER		10 U		11 U		11 U
4-METHYLPHENOL		10 U		11 U		11 U
4-NITROANILINE		25 U		28 UJ		28 UJ
4-NITROPHENOL		25 U		28 UJ		28 UJ
ACENAPHTHENE		0.8 J		2 J		11 U
ACENAPHTHYLENE		10 U		11 U		11 U
ANTHRACENE		10 U		11 U		11 U
BENZO(A)ANTHRACENE		10 U		11 U		11 U
BENZO(A)PYRENE		10 U		11 U		11 U
BENZO(B)FLUORANTHENE		10 U		11 U		11 U
BENZO(G,H,I)PERYLENE		10 U		11 U		11 U
BENZO(K)FLUORANTHENE		10 U		11 U		11 U
BENZOIC ACID		50 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW16	13GW16-2	13GW162	LS4GW13MW1601	LS4GW13MW1601-F	LS4GW00101
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/07/94	06/25/94	06/25/94	11/03/97	11/03/97	10/29/97
LOCATION:	13MW16	13MW16	13MW16	13MW16	13MW16	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL		10 U				
BIS(2-CHLOROETHOXY)METHANE		10 U		11 U		11 U
BIS(2-CHLOROETHYL)ETHER		10 U		11 U		11 U
BIS(2-CHLOROISOPROPYL) ETHER		10 U				
BIS(2-ETHYLHEXYL)PHTHALATE		10 U		15 U		11 U
BUTYLBENZYL PHTHALATE		10 U		11 U		11 U
CARBAZOLE		10 U		0.7 J		11 U
CHRYSENE		10 U		11 U		11 U
DI-N-BUTYL PHTHALATE		0.6 J		11 U		11 U
DI-N-OCTYL PHTHALATE		10 U		11 UJ		11 UJ
DIBENZO(A,H)ANTHRACENE		10 U		11 U		11 U
DIBENZOFURAN		10 U		1 J		11 U
DIETHYL PHTHALATE		10 U		11 U		11 U
DIMETHYL PHTHALATE		10 U		11 U		11 U
FLUORANTHENE		10 U		11 UJ		11 UJ
FLUORENE		10 U		0.8 J		11 U
HEXACHLOROBENZENE		10 U		11 U		11 U
HEXACHLOROBUTADIENE		10 U		11 U		11 U
HEXACHLOROCYCLOPENTADIENE		10 U		11 UJ		11 UJ
HEXACHLOROETHANE		10 U		11 U		11 U
INDENO(1,2,3-CD)PYRENE		10 U		11 U		11 U
ISOPHORONE		10 U		11 U		11 U
N-NITROSO-DI-N-PROPYLAMINE		10 U		11 U		11 U
N-NITROSODIPHENYLAMINE		10 U		11 U		11 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW16	13GW16-2	13GW162	LS4GW13MW1601	LS4GW13MW1601-F	LS4GW00101
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/07/94	06/25/94	06/25/94	11/03/97	11/03/97	10/29/97
LOCATION:	13MW16	13MW16	13MW16	13MW16	13MW16	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		10 U		4 J		11 U
NITROBENZENE		10 U		11 U		11 U
PENTACHLOROPHENOL		25 U		28 UJ		28 UJ
PHENANTHRENE		10 U		0.6 J		11 U
PHENOL		10 U		11 U		11 U
PYRENE		10 U		11 U		11 U
METALS (µg/L)						
ALUMINUM	14 U	42 U	11	48.3 U	14.1 U	10.0 UJ
ANTIMONY	15 U	3 UR	12 U	2.5 U	2.5 U	5.6
ARSENIC	20 U	10 U	20 U	2.5 U	2.5 U	2.5 U
BARIUM	39.1 U	94 J	124	57.0	256	111
BERYLLIUM	1 U	1 U	1 U	0.19 U	0.19 U	0.11 UJ
BORON	1590 J	1910 J	2150			
CADMIUM	2 UJ	1 U	2 U	0.22 U	0.22 U	0.22 U
CALCIUM	148000	179000	230000	141000	137000	75900
CHROMIUM	3 U	1 U	3 U	3.1 U	3.1 U	0.68 U
COBALT	4 U	1 U	3 U	2.9 U	2.9 U	0.80 U
COPPER	5 J	1 U	20.4	1.7 J	1.5 U	2.7 U
IRON	2900	650	901	1320	1140	13.0 U
LEAD	1 UJ	20 UJ	20 U	2.6 J	1.3 U	1.3 U
MAGNESIUM	451000	727000	781000	395000	397000	7280
MANGANESE	48.8	28.9	36.7	54.6	51.6	9.4
MERCURY	0.2 U	0.2 U	0.2 U	0.02 U	0.06 U	0.08 U
NICKEL	10 U	12 U	7 U	9.0 U	9.0 U	0.75 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW16	13GW16-2	13GW162	LS4GW13MW1601	LS4GW13MW1601-F	LS4GW00101
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/07/94	06/25/94	06/25/94	11/03/97	11/03/97	10/29/97
LOCATION:	13MW16	13MW16	13MW16	13MW16	13MW16	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
POTASSIUM	202000 J	230000	243000	122000	118000	17000
SELENIUM	30 UJ	4 UR	10 U	1.9 U	1.9 U	1.9 U
SILVER	2 U	1 U	2 U	2.8 U	2.8 U	1.1 U
SODIUM	4630000	5810000	6350000	3160000	3110000	266000
THALLIUM	10 UJ	20 UR	20 U	4.8 U	4.8 U	4.8 U
VANADIUM	5 UJ	1 U	5.7	2.9 UJ	2.9 UJ	0.74 U
ZINC	2 U	20.2	2 U	14.5 U	5.7 U	8.8 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH		700		1100 U		1100 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)				1.34		4.63
REDOX POTENTIAL (MV)				-193.6		84.3
SALINITY (PPT)				11.59		0.86
SPECIFIC CONDUCTIVITY (MS/CM)				19.52		1.689
TEMPERATURE (C)				15.92		18.93
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)				77		73
AMMONIA, AS NITROGEN (MG/L)				0.51		0.10 U
CHLORIDE (MG/L)				6000		450
DIVALENT IRON (MG/L)				1.6		0
HARDNESS AS CaCO3 (MG/L)		3700		2000		210
METHANE (UG/L)				190		5.4 U
NITRATE, AS NITROGEN (MG/L)				0.057 J		4.6
PHOSPHORUS (MG/L)				0.67 J		0.20 J

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	13GW16	13GW16-2	13GW162	LS4GW13MW1601	LS4GW13MW1601-F	LS4GW00101
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/07/94	06/25/94	06/25/94	11/03/97	11/03/97	10/29/97
LOCATION:	13MW16	13MW16	13MW16	13MW16	13MW16	MW1-4RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
SULFATE (MG/L)				890		45
TOTAL ORGANIC CARBON (MG/L)				4.3 J		1.7 J
TURBIDITY (NTU)				3.5		1
GENERAL CHEMISTRY						
PH				6.66		6.51

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW00101-F	LS4GW00201	LS4GW00201-F	012191-NESOMW10S	NESO10	NESO10
INVESTIGATION:	1997RI	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	01/21/91	03/07/94	03/07/94
LOCATION:	MW1-4RI	MW2-4RI	MW2-4RI	NESO10	NESO10	NESO10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE				5 U	10 U	
1,1,2,2-TETRACHLOROETHANE				5 U	10 U	
1,1,2-TRICHLOROETHANE				5 U	10 U	
1,1-DICHLOROETHANE				3 J	3 J	
1,1-DICHLOROETHENE				5 U	10 U	
1,2-DICHLOROETHANE				5 U	10 U	
1,2-DICHLOROETHENE (TOTAL)				5 U	10 U	
1,2-DICHLOROPROPANE				5 U	10 U	
2-BUTANONE				10 U	10 U	
2-HEXANONE				10 U	10 U	
4-METHYL-2-PENTANONE				10 U	10 U	
ACETONE				10 U	10 U	
BENZENE				5 U	10 U	
BROMODICHLOROMETHANE				5 U	10 U	
BROMOFORM				5 U	10 U	
BROMOMETHANE				10 U	10 U	
CARBON DISULFIDE				5 U	10 U	
CARBON TETRACHLORIDE				5 U	10 U	
CHLOROBENZENE				5 U	10 U	
CHLOROETHANE				10 U	10 U	
CHLOROFORM				5 U	10 U	
CHLOROMETHANE				10 U	10 U	
CIS-1,3-DICHLOROPROPENE				5 U	10 U	
DIBROMOCHLOROMETHANE				5 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW00101-F	LS4GW00201	LS4GW00201-F	012191-NESOMW10S	NESO10	NESO10
INVESTIGATION:	1997RI	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	01/21/91	03/07/94	03/07/94
LOCATION:	MW1-4RI	MW2-4RI	MW2-4RI	NESO10	NESO10	NESO10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE				2 J	10 U	
METHYLENE CHLORIDE				5 U	10 U	
STYRENE				5 U	10 U	
TETRACHLOROETHENE				5 U	10 U	
TOLUENE				36	10 U	
TRANS-1,3-DICHLOROPROPENE				5 U	10 U	
TRICHLOROETHENE				5 U	10 U	
VINYL ACETATE				10 U	10 U	
VINYL CHLORIDE				10 U	10 U	
XYLENES, TOTAL				18	10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		12 U			10 U	
1,2-DICHLOROBENZENE		12 U			10 U	
1,3-DICHLOROBENZENE		12 U			10 U	
1,4-DICHLOROBENZENE		12 U			10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)		12 U				
2,4,5-TRICHLOROPHENOL		30 U			25 U	
2,4,6-TRICHLOROPHENOL		12 U			10 U	
2,4-DICHLOROPHENOL		12 U			10 U	
2,4-DIMETHYLPHENOL		12 U			10 U	
2,4-DINITROPHENOL		30 UJ			25 U	
2,4-DINITROTOLUENE		12 UJ			10 U	
2,6-DINITROTOLUENE		12 U			10 U	
2-CHLORONAPHTHALENE		12 U			10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW00101-F	LS4GW00201	LS4GW00201-F	012191-NESOMW10S	NESO10	NESO10
INVESTIGATION:	1997RI	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	01/21/91	03/07/94	03/07/94
LOCATION:	MW1-4RI	MW2-4RI	MW2-4RI	NESO10	NESO10	NESO10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		12 U			10 U	
2-METHYLNAPHTHALENE		12 U			10 U	
2-METHYLPHENOL		12 U			10 U	
2-NITROANILINE		30 U			25 U	
2-NITROPHENOL		12 U			10 U	
3,3'-DICHLOROBENZIDINE		12 UJ			10 U	
3-NITROANILINE		30 UJ			25 U	
4,6-DINITRO-2-METHYLPHENOL		30 U			25 U	
4-BROMOPHENYL PHENYL ETHER		12 U			10 U	
4-CHLORO-3-METHYLPHENOL		12 U			10 U	
4-CHLOROANILINE		12 U			10 U	
4-CHLOROPHENYL PHENYL ETHER		12 U			10 U	
4-METHYLPHENOL		12 U			10 U	
4-NITROANILINE		30 UJ			25 U	
4-NITROPHENOL		30 UJ			25 U	
ACENAPHTHENE		12 U			10 U	
ACENAPHTHYLENE		12 U			10 U	
ANTHRACENE		12 U			10 U	
BENZO(A)ANTHRACENE		12 U			10 U	
BENZO(A)PYRENE		12 U			10 U	
BENZO(B)FLUORANTHENE		12 U			10 U	
BENZO(G,H,I)PERYLENE		12 U			10 U	
BENZO(K)FLUORANTHENE		12 UJ			10 U	
BENZOIC ACID					50 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW00101-F	LS4GW00201	LS4GW00201-F	012191-NESOMW10S	NESO10	NESO10
INVESTIGATION:	1997RI	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	01/21/91	03/07/94	03/07/94
LOCATION:	MW1-4RI	MW2-4RI	MW2-4RI	NESO10	NESO10	NESO10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL					10 U	
BIS(2-CHLOROETHOXY)METHANE		12 U			10 U	
BIS(2-CHLOROETHYL)ETHER		12 U			10 U	
BIS(2-CHLOROISOPROPYL) ETHER					10 U	
BIS(2-ETHYLHEXYL)PHTHALATE		12 U			10 U	
BUTYLBENZYL PHTHALATE		12 U			10 U	
CARBAZOLE		12 U			10 U	
CHRYSENE		12 U			10 U	
DI-N-BUTYL PHTHALATE		12 U			10 U	
DI-N-OCTYL PHTHALATE		12 UJ			10 U	
DIBENZO(A,H)ANTHRACENE		12 U			10 U	
DIBENZOFURAN		12 U			10 U	
DIETHYL PHTHALATE		12 U			10 U	
DIMETHYL PHTHALATE		12 U			10 U	
FLUORANTHENE		12 UJ			10 U	
FLUORENE		12 U			10 U	
HEXACHLOROBENZENE		12 U			10 U	
HEXACHLOROBUTADIENE		12 U			10 U	
HEXACHLOROCYCLOPENTADIENE		12 U			10 U	
HEXACHLOROETHANE		12 U			10 U	
INDENO(1,2,3-CD)PYRENE		12 U			10 U	
ISOPHORONE		12 U			10 U	
N-NITROSO-DI-N-PROPYLAMINE		12 U			10 U	
N-NITROSODIPHENYLAMINE		12 U			10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW00101-F	LS4GW00201	LS4GW00201-F	012191-NESOMW10S	NESO10	NESO10
INVESTIGATION:	1997RI	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	01/21/91	03/07/94	03/07/94
LOCATION:	MW1-4RI	MW2-4RI	MW2-4RI	NESO10	NESO10	NESO10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		12 U			10 U	
NITROBENZENE		12 U			10 U	
PENTACHLOROPHENOL		30 UJ			25 U	
PHENANTHRENE		12 U			10 U	
PHENOL		12 U			10 U	
PYRENE		12 U			10 U	
METALS (µg/L)						
ALUMINUM	10.0 UJ	46.1 U	17.6 U	30 U	14 U	14 U
ANTIMONY	4.6 J	9.0	11.4	25 U	15 U	17.5 U
ARSENIC	2.5 U	2.5 U	2.5 U	3 U	5.4 J	2 UJ
BARIUM	298	72.5	344	51.3	89 J	81.6 J
BERYLLIUM	0.11 UJ	0.19 U	0.19 U	1 U	1 U	1 U
BORON				19 R	458	442
CADMIUM	0.22 U	0.22 U	0.22 U	25.5 J	2 U	2 U
CALCIUM	75100	63100	68600	51800	91400	89100
CHROMIUM	0.68 U	3.1 U	3.1 U	5 U	3 UJ	3 UJ
COBALT	0.80 U	2.9 U	2.9 U	5 U	4 U	4 U
COPPER	3.1 U	1.5 U	1.6 J	5.2	2 U	2 U
CYANIDE				5 UJ		
IRON	13.0 U	34.8 U	27.2 U	4560 J	8570	3390
LEAD	1.3 U	1.3 U	1.3 U	10 UR	2 UJ	2 UJ
MAGNESIUM	7250	5710	6280	116000	128000	124000
MANGANESE	8.7	17.6 U	18.5 U	403	458	454
MERCURY	0.05 U	0.01 UJ	0.05 U	0.2 UJ	0.2 UJ	0.2 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW00101-F	LS4GW00201	LS4GW00201-F	012191-NESOMW10S	NESO10	NESO10
INVESTIGATION:	1997RI	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	01/21/91	03/07/94	03/07/94
LOCATION:	MW1-4RI	MW2-4RI	MW2-4RI	NESO10	NESO10	NESO10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	9.0 U	9.0 U	9.0 U	18.9 J	10 U	10 U
POTASSIUM	16300	13200	13600	37600	52000	50400
SELENIUM	1.9 U	3.5 U	4.6 U	1 UJ	3 UJ	3 UJ
SILVER	1.1 U	2.8 U	2.8 U	7 UJ	2 UJ	2 UJ
SODIUM	264000	105000	119000	1440000 J	1130000	1110000
THALLIUM	4.8 U	4.8 U	4.8 U	2 UR	10 UJ	10 UJ
VANADIUM	0.58 U	2.9 U	2.9 U	20 U	5 U	5 U
ZINC	90.8 J	4.3 U	105 J	63.4	14.4 J	20.6
PETROLEUM HYDROCARBONS (µg/L)						
TPH		1100 U		3000 U	500 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)		4.7				
REDOX POTENTIAL (MV)		52.1				
SALINITY (PPT)		0.45				
SPECIFIC CONDUCTIVITY (MS/CM)		0.908				
TEMPERATURE (C)		17.7				
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)		130				
AMMONIA, AS NITROGEN (MG/L)		0.10 U				
CHLORIDE (MG/L)		230				
DIVALENT IRON (MG/L)		0				
HARDNESS AS CaCO3 (MG/L)		190			820	
METHANE (UG/L)		5.4 U				
NITRATE, AS NITROGEN (MG/L)		7.9 J				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GW00101-F	LS4GW00201	LS4GW00201-F	012191-NESOMW10S	NESO10	NESO10
INVESTIGATION:	1997RI	1997RI	1997RI	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	01/21/91	03/07/94	03/07/94
LOCATION:	MW1-4RI	MW2-4RI	MW2-4RI	NESO10	NESO10	NESO10
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)		0.19 J				
SULFATE (MG/L)		37				
TOTAL ORGANIC CARBON (MG/L)		5.1 J				
TURBIDITY (NTU)		0.95				
GENERAL CHEMISTRY						
PH		6.83				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO10-2	NESO10-2	LS4GWNESO1001	LS4GWNESO1001-F	012191-NESO11	NESO11
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/23/94	06/23/94	10/30/97	10/30/97	01/21/91	03/08/94
LOCATION:	NESO10	NESO10	NESO10	NESO10	NESO11	NESO11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U				1 J	10 U
1,1,2,2-TETRACHLOROETHANE	10 U				5 U	10 U
1,1,2-TRICHLOROETHANE	10 U				5 U	10 U
1,1-DICHLOROETHANE	3 J				1 J	10 U
1,1-DICHLOROETHENE	10 U				4 J	10 U
1,2-DICHLOROETHANE	10 U				5 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U				5 U	10 U
1,2-DICHLOROPROPANE	10 U				5 U	10 U
2-BUTANONE	10 U				10 U	10 U
2-HEXANONE	10 U				10 U	10 U
4-METHYL-2-PENTANONE	10 U				10 U	10 U
ACETONE	10 U				10 U	10 U
BENZENE	10 U				5 U	10 U
BROMODICHLOROMETHANE	10 U				5 U	10 U
BROMOFORM	10 U				5 U	10 U
BROMOMETHANE	10 U				10 U	10 U
CARBON DISULFIDE	10 U				5 U	10 U
CARBON TETRACHLORIDE	10 U				5 U	10 U
CHLOROBENZENE	10 U				5 U	10 U
CHLOROETHANE	10 U				10 U	10 U
CHLOROFORM	10 U				5 U	10 U
CHLOROMETHANE	10 U				10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U				5 U	10 U
DIBROMOCHLOROMETHANE	10 U				5 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO10-2	NESO10-2	LS4GWNESO1001	LS4GWNESO1001-F	012191-NESO11	NESO11
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/23/94	06/23/94	10/30/97	10/30/97	01/21/91	03/08/94
LOCATION:	NESO10	NESO10	NESO10	NESO10	NESO11	NESO11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	10 U				5 U	10 U
METHYLENE CHLORIDE	10 U				5 U	10 U
STYRENE	10 U				5 U	10 U
TETRACHLOROETHENE	10 U				5 U	10 U
TOLUENE	10 U				5 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U				5 U	10 U
TRICHLOROETHENE	10 U				5 U	10 U
VINYL ACETATE	10 UJ				10 U	10 U
VINYL CHLORIDE	10 U				10 U	10 U
XYLENES, TOTAL	10 U				5 U	10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U		12 U			10 U
1,2-DICHLOROBENZENE	10 U		12 U			10 U
1,3-DICHLOROBENZENE	10 U		12 U			10 U
1,4-DICHLOROBENZENE	10 U		12 U			10 U
2,2'-OXYBIS(1-CHLOROPROPANE)			12 U			
2,4,5-TRICHLOROPHENOL	25 U		30 U			25 U
2,4,6-TRICHLOROPHENOL	10 U		12 U			10 U
2,4-DICHLOROPHENOL	10 U		12 U			10 U
2,4-DIMETHYLPHENOL	10 U		12 U			10 U
2,4-DINITROPHENOL	25 U		30 U			25 U
2,4-DINITROTOLUENE	10 U		12 U			10 U
2,6-DINITROTOLUENE	10 U		12 U			10 U
2-CHLORONAPHTHALENE	10 U		12 U			10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO10-2	NESO10-2	LS4GWNESO1001	LS4GWNESO1001-F	012191-NESO11	NESO11
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/23/94	06/23/94	10/30/97	10/30/97	01/21/91	03/08/94
LOCATION:	NESO10	NESO10	NESO10	NESO10	NESO11	NESO11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U		12 U			10 U
2-METHYLNAPHTHALENE	10 U		12 U			10 U
2-METHYLPHENOL	10 U		12 U			10 U
2-NITROANILINE	25 U		30 U			25 U
2-NITROPHENOL	10 U		12 U			10 U
3,3'-DICHLOROBENZIDINE	10 U		12 U			10 U
3-NITROANILINE	25 U		30 U			25 U
4,6-DINITRO-2-METHYLPHENOL	25 U		30 U			25 U
4-BROMOPHENYL PHENYL ETHER	10 U		12 U			10 U
4-CHLORO-3-METHYLPHENOL	10 U		12 U			10 U
4-CHLOROANILINE	10 U		12 U			10 U
4-CHLOROPHENYL PHENYL ETHER	10 U		12 U			10 U
4-METHYLPHENOL	10 U		12 U			10 U
4-NITROANILINE	25 U		30 U			25 U
4-NITROPHENOL	25 U		30 U			25 U
ACENAPHTHENE	10 U		12 U			10 U
ACENAPHTHYLENE	10 U		12 U			10 U
ANTHRACENE	10 U		12 U			10 U
BENZO(A)ANTHRACENE	10 U		12 U			1 J
BENZO(A)PYRENE	10 U		12 U			0.8 J
BENZO(B)FLUORANTHENE	10 U		12 U			0.6 J
BENZO(G,H,I)PERYLENE	10 U		12 U			1 J
BENZO(K)FLUORANTHENE	10 U		12 U			1 J
BENZOIC ACID	50 U					50 U

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO10-2	NESO10-2	LS4GWNESO1001	LS4GWNESO1001-F	012191-NESO11	NESO11
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/23/94	06/23/94	10/30/97	10/30/97	01/21/91	03/08/94
LOCATION:	NESO10	NESO10	NESO10	NESO10	NESO11	NESO11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U					10 U
BIS(2-CHLOROETHOXY)METHANE	10 U		12 U			10 U
BIS(2-CHLOROETHYL)ETHER	10 U		12 U			10 U
BIS(2-CHLOROISOPROPYL) ETHER	10 U					10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U		12 U			10 J
BUTYLBENZYL PHTHALATE	10 U		12 U			10 U
CARBAZOLE	10 U		12 U			10 U
CHRYSENE	10 U		12 U			0.9 J
DI-N-BUTYL PHTHALATE	10 U		12 U			10 U
DI-N-OCTYL PHTHALATE	10 U		12 U			10 U
DIBENZO(A,H)ANTHRACENE	10 U		12 U			10 U
DIBENZOFURAN	10 U		12 U			10 U
DIETHYL PHTHALATE	10 U		12 U			10 U
DIMETHYL PHTHALATE	10 U		12 U			10 U
FLUORANTHENE	10 U		12 U			2 J
FLUORENE	10 U		12 U			10 U
HEXACHLOROBENZENE	10 U		12 U			10 U
HEXACHLOROBUTADIENE	10 U		12 U			10 U
HEXACHLOROCYCLOPENTADIENE	10 U		12 U			10 U
HEXACHLOROETHANE	10 U		12 U			10 U
INDENO(1,2,3-CD)PYRENE	10 U		12 U			0.7 J
ISOPHORONE	10 U		12 U			10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U		12 U			10 U
N-NITROSODIPHENYLAMINE	10 U		12 U			10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO10-2	NESO10-2	LS4GWNESO1001	LS4GWNESO1001-F	012191-NESO11	NESO11
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/23/94	06/23/94	10/30/97	10/30/97	01/21/91	03/08/94
LOCATION:	NESO10	NESO10	NESO10	NESO10	NESO11	NESO11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE	10 U		12 U			10 U
NITROBENZENE	10 U		12 U			10 U
PENTACHLOROPHENOL	25 U		30 U			25 U
PHENANTHRENE	10 U		12 U			1 J
PHENOL	10 U		12 U			10 U
PYRENE	10 U		12 U			2 J
METALS (µg/L)						
ALUMINUM	35.2 U	15 U	10.0 UJ	10.0 UJ	30 U	40800
ANTIMONY	13 U	13 U	2.5 U	2.5 U	25 U	57.9 U
ARSENIC	19	11	2.8 J	3.1 J	3 U	17.1 J
BARIUM	134	139	117	452	25.8	283
BERYLLIUM	1 U	1 U	0.11 U	0.11 U	1 U	2.6 J
BORON	804	825			1.2 R	155
CADMIUM	3 U	3 U	0.60 U	0.47 U	6.9 J	13.2
CALCIUM	104000	107000	93700	94400	36100	59100
CHROMIUM	4 U	4 U	1.4 U	0.92 U	5 U	116
COBALT	5 U	5 U	0.80 U	0.80 U	5 U	25.6 J
COPPER	5 U	5 U	4.3 U	4.1 U	9.2	649
CYANIDE					5 UJ	
IRON	5270	3320	8780	6880 J	384 J	36700
LEAD	2 UJ	20 UJ	1.3 J	1.4 J	22.2 J	2760 J
MAGNESIUM	201000	208000	161000	162000	2530	11100
MANGANESE	249	258	435	408	234	1980
MERCURY	0.2 U	0.2 U	0.01 UJ	0.02 U	0.2 UJ	0.47 J

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO10-2	NESO10-2	LS4GWNESO1001	LS4GWNESO1001-F	012191-NESO11	NESO11
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/23/94	06/23/94	10/30/97	10/30/97	01/21/91	03/08/94
LOCATION:	NESO10	NESO10	NESO10	NESO10	NESO11	NESO11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	11 U	11 U	1.2 J	1.2 J	20.9 J	80
POTASSIUM	72000	75300	54200	55500	6700	12400
SELENIUM	2 UJ	2.1 J	1.9 U	1.9 U	1 UJ	3 UJ
SILVER	2 U	2 U	1.1 U	1.1 U	7 UJ	2 UJ
SODIUM	1850000	1970000	1320000	1330000	40800 J	81600
THALLIUM	10 UJ	10 UJ	4.8 U	4.8 U	2 UR	10 UJ
VANADIUM	4.6 J	4 U	0.55 U	0.65 U	20 U	105
ZINC	33.2	13.9	21.6	113	55.6 J	924
PETROLEUM HYDROCARBONS (µg/L)						
TPH	500 U		1100 U		2000 U	500 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			15.36 R			
REDOX POTENTIAL (MV)			-147.3			
SALINITY (PPT)			3.26			
SPECIFIC CONDUCTIVITY (MS/CM)			5.945			
TEMPERATURE (C)			19.62			
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			150			
AMMONIA, AS NITROGEN (MG/L)			0.93 J			
CHLORIDE (MG/L)			2200			
DIVALENT IRON (MG/L)			2			
HARDNESS AS CaCO3 (MG/L)	1180		770			128
METHANE (UG/L)			1700			
NITRATE, AS NITROGEN (MG/L)			0.13			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO10-2	NESO10-2	LS4GWNESO1001	LS4GWNESO1001-F	012191-NESO11	NESO11
INVESTIGATION:	PH2-2	PH2-2	1997RI	1997RI	PH1	PH2-1
SAMPLE DATE:	06/23/94	06/23/94	10/30/97	10/30/97	01/21/91	03/08/94
LOCATION:	NESO10	NESO10	NESO10	NESO10	NESO11	NESO11
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)			0.74 J			
SULFATE (MG/L)			290			
TOTAL ORGANIC CARBON (MG/L)			6.7 J			
TURBIDITY (NTU)			18			
GENERAL CHEMISTRY						
PH			6.94			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO11	NESO11-2	NESO11-2	LS4GWNESO1101	LS4GWNESO1101-F	LS4GWQW401
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/08/94	06/23/94	06/23/94	10/29/97	10/29/97	10/30/97
LOCATION:	NESO11	NESO11	NESO11	NESO11	NESO11	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE		10 U				
1,1,2,2-TETRACHLOROETHANE		10 U				
1,1,2-TRICHLOROETHANE		10 U				
1,1-DICHLOROETHANE		2 J				
1,1-DICHLOROETHENE		10 U				
1,2-DICHLOROETHANE		10 U				
1,2-DICHLOROETHENE (TOTAL)		10 U				
1,2-DICHLOROPROPANE		10 U				
2-BUTANONE		10 U				
2-HEXANONE		10 U				
4-METHYL-2-PENTANONE		10 U				
ACETONE		10 U				
BENZENE		10 U				
BROMODICHLOROMETHANE		10 U				
BROMOFORM		10 U				
BROMOMETHANE		10 U				
CARBON DISULFIDE		10 U				
CARBON TETRACHLORIDE		10 U				
CHLOROBENZENE		10 U				
CHLOROETHANE		10 U				
CHLOROFORM		10 U				
CHLOROMETHANE		10 U				
CIS-1,3-DICHLOROPROPENE		10 U				
DIBROMOCHLOROMETHANE		10 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO11	NESO11-2	NESO11-2	LS4GWNESO1101	LS4GWNESO1101-F	LS4GWQW401
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/08/94	06/23/94	06/23/94	10/29/97	10/29/97	10/30/97
LOCATION:	NESO11	NESO11	NESO11	NESO11	NESO11	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE		10 U				
METHYLENE CHLORIDE		10 U				
STYRENE		10 U				
TETRACHLOROETHENE		10 U				
TOLUENE		10 U				
TRANS-1,3-DICHLOROPROPENE		10 U				
TRICHLOROETHENE		10 U				
VINYL ACETATE		10 UJ				
VINYL CHLORIDE		10 U				
XYLENES, TOTAL		10 U				
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE		10 U		11 U		12 U
1,2-DICHLOROBENZENE		10 U		11 U		12 U
1,3-DICHLOROBENZENE		10 U		11 U		12 U
1,4-DICHLOROBENZENE		10 U		11 U		12 U
2,2'-OXYBIS(1-CHLOROPROPANE)				11 U		12 U
2,4,5-TRICHLOROPHENOL		25 U		28 U		30 U
2,4,6-TRICHLOROPHENOL		10 U		11 U		12 U
2,4-DICHLOROPHENOL		10 U		11 U		12 U
2,4-DIMETHYLPHENOL		10 U		11 U		12 U
2,4-DINITROPHENOL		25 U		28 UJ		30 UJ
2,4-DINITROTOLUENE		10 U		11 UJ		12 UJ
2,6-DINITROTOLUENE		10 U		11 U		12 U
2-CHLORONAPHTHALENE		10 U		11 U		12 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO11	NESO11-2	NESO11-2	LS4GWNESO1101	LS4GWNESO1101-F	LS4GWQW401
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/08/94	06/23/94	06/23/94	10/29/97	10/29/97	10/30/97
LOCATION:	NESO11	NESO11	NESO11	NESO11	NESO11	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL		10 U		11 U		12 U
2-METHYLNAPHTHALENE		10 U		11 U		12 U
2-METHYLPHENOL		10 U		11 U		12 U
2-NITROANILINE		25 U		28 U		30 U
2-NITROPHENOL		10 U		11 U		12 U
3,3'-DICHLOROBENZIDINE		10 U		11 U		12 U
3-NITROANILINE		25 U		28 U		30 U
4,6-DINITRO-2-METHYLPHENOL		25 U		28 U		30 U
4-BROMOPHENYL PHENYL ETHER		10 U		11 U		12 U
4-CHLORO-3-METHYLPHENOL		10 U		11 U		12 U
4-CHLOROANILINE		10 U		11 U		12 U
4-CHLOROPHENYL PHENYL ETHER		10 U		11 U		12 U
4-METHYLPHENOL		10 U		11 U		12 U
4-NITROANILINE		25 U		28 UJ		30 UJ
4-NITROPHENOL		25 U		28 UJ		30 UJ
ACENAPHTHENE		10 U		11 U		12 U
ACENAPHTHYLENE		10 U		11 U		12 U
ANTHRACENE		10 U		11 U		12 U
BENZO(A)ANTHRACENE		10 U		11 U		12 U
BENZO(A)PYRENE		10 U		11 U		12 U
BENZO(B)FLUORANTHENE		10 U		11 U		12 U
BENZO(G,H,I)PERYLENE		10 U		11 U		12 U
BENZO(K)FLUORANTHENE		10 U		11 U		12 U
BENZOIC ACID		50 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO11	NESO11-2	NESO11-2	LS4GWNESO1101	LS4GWNESO1101-F	LS4GWQW401
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/08/94	06/23/94	06/23/94	10/29/97	10/29/97	10/30/97
LOCATION:	NESO11	NESO11	NESO11	NESO11	NESO11	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL		10 U				
BIS(2-CHLOROETHOXY)METHANE		10 U		11 U		12 U
BIS(2-CHLOROETHYL)ETHER		10 U		11 U		12 U
BIS(2-CHLOROISOPROPYL) ETHER		10 U				
BIS(2-ETHYLHEXYL)PHTHALATE		10 U		11 U		12 U
BUTYLBENZYL PHTHALATE		10 U		11 U		12 U
CARBAZOLE		10 U		11 U		12 U
CHRYSENE		10 U		11 U		12 U
DI-N-BUTYL PHTHALATE		10 U		11 U		12 U
DI-N-OCTYL PHTHALATE		10 U		11 UJ		12 UJ
DIBENZO(A,H)ANTHRACENE		10 U		11 U		12 U
DIBENZOFURAN		10 U		11 U		12 U
DIETHYL PHTHALATE		10 U		11 U		12 U
DIMETHYL PHTHALATE		10 U		11 U		12 U
FLUORANTHENE		10 U		11 UJ		12 UJ
FLUORENE		10 U		11 U		12 U
HEXACHLOROBENZENE		10 U		11 U		12 U
HEXACHLOROBUTADIENE		10 U		11 U		12 U
HEXACHLOROCYCLOPENTADIENE		10 U		11 UJ		12 UJ
HEXACHLOROETHANE		10 U		11 U		12 U
INDENO(1,2,3-CD)PYRENE		10 U		11 U		12 U
ISOPHORONE		10 U		11 U		12 U
N-NITROSO-DI-N-PROPYLAMINE		10 U		11 U		12 U
N-NITROSODIPHENYLAMINE		10 U		11 U		12 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO11	NESO11-2	NESO11-2	LS4GWNESO1101	LS4GWNESO1101-F	LS4GWQW401
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/08/94	06/23/94	06/23/94	10/29/97	10/29/97	10/30/97
LOCATION:	NESO11	NESO11	NESO11	NESO11	NESO11	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE		10 U		11 U		12 U
NITROBENZENE		10 U		11 U		12 U
PENTACHLOROPHENOL		25 U		28 UJ		30 UJ
PHENANTHRENE		10 U		11 U		12 U
PHENOL		10 U		11 U		12 U
PYRENE		10 U		11 U		12 U
METALS (µg/L)						
ALUMINUM	14 U	17.6 U	23.2 U	10.4 U	10.0 UJ	178 U
ANTIMONY	22.3 U	13 U	13 U	5.9	6.2	2.5 U
ARSENIC	2 UJ	1.3 J	1 U	3.1 J	2.5 U	3.5 J
BARIUM	39.7 J	39.6	42.4	26.2	289	33.3 J
BERYLLIUM	1 U	1 U	1 U	0.11 UJ	0.11 UJ	0.11 UJ
BORON	156	242	230			
CADMIUM	2 U	3 U	3 U	0.22 U	0.22 U	0.79 U
CALCIUM	52300	60800	62300	37000	33600	208000
CHROMIUM	3 UJ	4 U	4 U	0.68 U	0.68 U	3.4 U
COBALT	4 U	5 U	5 U	0.80 U	0.80 U	1.4 J
COPPER	3.5 J	5 J	5 U	7.0 U	7.5 U	17.2 U
IRON	50 U	40.6 U	17.8 U	23.2 U	13.0 U	4470
LEAD	10.9 J	11.4 J	14.1	10.2	3.0 U	14.4 J
MAGNESIUM	2900 J	3560	3430	2230	2180	652000
MANGANESE	44.3	182	188	53.9	47.3	201
MERCURY	0.2 UJ	0.2 U	0.2 U	0.05 U	0.05 U	0.02 U
NICKEL	10 U	11 U	11 U	1.0 J	9.0 U	3.5 J

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO11	NESO11-2	NESO11-2	LS4GWNESO1101	LS4GWNESO1101-F	LS4GWQW401
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/08/94	06/23/94	06/23/94	10/29/97	10/29/97	10/30/97
LOCATION:	NESO11	NESO11	NESO11	NESO11	NESO11	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
POTASSIUM	8000	9480	9570	8440	7610	224000
SELENIUM	3 UJ	2 U	2 U	1.9 U	1.9 U	1.9 U
SILVER	2 UJ	2 U	2 U	1.1 U	1.1 U	3.0
SODIUM	81800	57800	57800	84200	87000	5380000
THALLIUM	1 UJ	10 U	1 UJ	5.3 U	4.8 U	4.8 UJ
VANADIUM	5 U	4 U	4 U	2.0 U	1.8 U	3.2 U
ZINC	11.1 J	16.2	14.4	9.4 U	126 J	198
PETROLEUM HYDROCARBONS (µg/L)						
TPH		500 U		1000 U		1100 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)				0.71		1.19
REDOX POTENTIAL (MV)				31.6		-30.5
SALINITY (PPT)				0.26		12.22
SPECIFIC CONDUCTIVITY (MS/CM)				0.54		20.38
TEMPERATURE (C)				20.2		16.58
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)				110		92
AMMONIA, AS NITROGEN (MG/L)				0.10 U		0.20
CHLORIDE (MG/L)				350		8500
DIVALENT IRON (MG/L)				0		0.6
HARDNESS AS CaCO3 (MG/L)		164		93		3300
METHANE (UG/L)				5.4 U		6.1
NITRATE, AS NITROGEN (MG/L)				0.17		0.61
PHOSPHORUS (MG/L)				0.48 J		0.36 J

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NESO11	NESO11-2	NESO11-2	LS4GWNESO1101	LS4GWNESO1101-F	LS4GWQW401
INVESTIGATION:	PH2-1	PH2-2	PH2-2	1997RI	1997RI	1997RI
SAMPLE DATE:	03/08/94	06/23/94	06/23/94	10/29/97	10/29/97	10/30/97
LOCATION:	NESO11	NESO11	NESO11	NESO11	NESO11	QW-4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
SULFATE (MG/L)				11		1500
TOTAL ORGANIC CARBON (MG/L)				4.5 J		2.7 J
TURBIDITY (NTU)				1.9		9.3
GENERAL CHEMISTRY						
PH				6.75		6.73

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWQW401-F	012291-WEMW1S	WE-1	WE-1	WE1-2	WE1-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/30/97	01/22/91	03/07/94	03/07/94	06/23/94	06/23/94
LOCATION:	QW-4	WE1	WE1	WE1	WE1	WE1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE		5 U	10 U		10 U	
1,1,2,2-TETRACHLOROETHANE		5 U	10 U		10 U	
1,1,2-TRICHLOROETHANE		5 U	10 U		10 U	
1,1-DICHLOROETHANE		5 U	10 U		6 J	
1,1-DICHLOROETHENE		5 U	10 U		10 U	
1,2-DICHLOROETHANE		5 U	10 U		10 U	
1,2-DICHLOROETHENE (TOTAL)		5 U	10 U		10 U	
1,2-DICHLOROPROPANE		5 U	10 U		10 U	
2-BUTANONE		10 U	10 U		10 U	
2-HEXANONE		10 U	10 U		10 U	
4-METHYL-2-PENTANONE		10 U	10 U		10 U	
ACETONE		28 U	10 U		12 U	
BENZENE		5 U	10 U		10 U	
BROMODICHLOROMETHANE		5 U	10 U		10 U	
BROMOFORM		5 U	10 U		10 U	
BROMOMETHANE		10 U	10 U		10 U	
CARBON DISULFIDE		5 U	10 U		10 U	
CARBON TETRACHLORIDE		5 U	10 U		10 U	
CHLOROBENZENE		5 U	10 U		10 U	
CHLOROETHANE		10 U	10 U		10 U	
CHLOROFORM		5 U	10 U		10 U	
CHLOROMETHANE		10 U	10 U		10 U	
CIS-1,3-DICHLOROPROPENE		5 U	10 U		10 U	
DIBROMOCHLOROMETHANE		5 U	10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWQW401-F	012291-WEMW1S	WE-1	WE-1	WE1-2	WE1-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/30/97	01/22/91	03/07/94	03/07/94	06/23/94	06/23/94
LOCATION:	QW-4	WE1	WE1	WE1	WE1	WE1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE		5 U	10 U		8 J	
METHYLENE CHLORIDE		5 U	10 U		10 U	
STYRENE		5 U	10 U		10 U	
TETRACHLOROETHENE		5 U	10 U		10 U	
TOLUENE		5 U	10 U		10 U	
TRANS-1,3-DICHLOROPROPENE		5 U	10 U		10 U	
TRICHLOROETHENE		5 U	10 U		10 U	
VINYL ACETATE		10 U	10 U		10 UJ	
VINYL CHLORIDE		10 U	10 U		10 U	
XYLENES, TOTAL		5 U	10 U		27	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			10 U		10 U	
1,2-DICHLOROBENZENE			10 U		10 U	
1,3-DICHLOROBENZENE			10 U		10 U	
1,4-DICHLOROBENZENE			10 U		10 U	
2,4,5-TRICHLOROPHENOL			25 U		25 U	
2,4,6-TRICHLOROPHENOL			10 U		10 U	
2,4-DICHLOROPHENOL			10 U		10 U	
2,4-DIMETHYLPHENOL			10 U		10 U	
2,4-DINITROPHENOL			25 U		25 U	
2,4-DINITROTOLUENE			10 U		10 U	
2,6-DINITROTOLUENE			10 U		10 U	
2-CHLORONAPHTHALENE			10 U		10 U	
2-CHLOROPHENOL			10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWQW401-F	012291-WEMW1S	WE-1	WE-1	WE1-2	WE1-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/30/97	01/22/91	03/07/94	03/07/94	06/23/94	06/23/94
LOCATION:	QW-4	WE1	WE1	WE1	WE1	WE1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE			10 U		10 U	
2-METHYLPHENOL			10 U		10 U	
2-NITROANILINE			25 U		25 U	
2-NITROPHENOL			10 U		10 U	
3,3'-DICHLOROBENZIDINE			10 U		10 U	
3-NITROANILINE			25 U		25 U	
4,6-DINITRO-2-METHYLPHENOL			25 U		25 U	
4-BROMOPHENYL PHENYL ETHER			10 U		10 U	
4-CHLORO-3-METHYLPHENOL			10 U		10 U	
4-CHLOROANILINE			10 U		10 U	
4-CHLOROPHENYL PHENYL ETHER			10 U		10 U	
4-METHYLPHENOL			10 U		10 U	
4-NITROANILINE			25 U		25 U	
4-NITROPHENOL			25 U		25 U	
ACENAPHTHENE			10 U		10 U	
ACENAPHTHYLENE			10 U		10 U	
ANTHRACENE			10 U		10 U	
BENZO(A)ANTHRACENE			10 U		10 U	
BENZO(A)PYRENE			10 U		10 U	
BENZO(B)FLUORANTHENE			10 U		10 U	
BENZO(G,H,I)PERYLENE			10 U		10 U	
BENZO(K)FLUORANTHENE			10 U		10 U	
BENZOIC ACID			50 U		50 U	
BENZYL ALCOHOL			10 U		10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWQW401-F	012291-WEMW1S	WE-1	WE-1	WE1-2	WE1-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/30/97	01/22/91	03/07/94	03/07/94	06/23/94	06/23/94
LOCATION:	QW-4	WE1	WE1	WE1	WE1	WE1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-CHLOROETHOXY)METHANE			10 U		10 U	
BIS(2-CHLOROETHYL)ETHER			10 U		10 U	
BIS(2-CHLOROISOPROPYL) ETHER			10 U		10 U	
BIS(2-ETHYLHEXYL)PHTHALATE			10 U		1 J	
BUTYLBENZYL PHTHALATE			10 U		10 U	
CARBAZOLE			10 U		10 U	
CHRYSENE			10 U		10 U	
DI-N-BUTYL PHTHALATE			10 U		10 U	
DI-N-OCTYL PHTHALATE			10 U		10 U	
DIBENZO(A,H)ANTHRACENE			10 U		10 U	
DIBENZOFURAN			10 U		10 U	
DIETHYL PHTHALATE			10 U		10 U	
DIMETHYL PHTHALATE			10 U		10 U	
FLUORANTHENE			10 U		10 U	
FLUORENE			10 U		10 U	
HEXACHLOROBENZENE			10 U		10 U	
HEXACHLOROBUTADIENE			10 U		10 U	
HEXACHLOROCYCLOPENTADIENE			10 U		10 U	
HEXACHLOROETHANE			10 U		10 U	
INDENO(1,2,3-CD)PYRENE			10 U		10 U	
ISOPHORONE			10 U		10 U	
N-NITROSO-DI-N-PROPYLAMINE			10 U		10 U	
N-NITROSODIPHENYLAMINE			10 U		10 U	
NAPHTHALENE			10 U		10 U	

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWQW401-F	012291-WEMW1S	WE-1	WE-1	WE1-2	WE1-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/30/97	01/22/91	03/07/94	03/07/94	06/23/94	06/23/94
LOCATION:	QW-4	WE1	WE1	WE1	WE1	WE1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NITROBENZENE			10 U		10 U	
PENTACHLOROPHENOL			25 U		25 U	
PHENANTHRENE			10 U		10 U	
PHENOL			10 U		10 U	
PYRENE			10 U		10 U	
METALS (µg/L)						
ALUMINUM	10.0 UJ	30 U	14 U	14 U	15 U	15 U
ANTIMONY	2.5 U	25 U	15 U	15.9 U	13 U	13 U
ARSENIC	3.1 J	4.8	5.2 J	4.4 J	5.3	5.6
BARIUM	224	15 U	10.2 J	9.2 J	10.9 U	9.6 U
BERYLLIUM	0.11 UJ	1 U	1 U	1 U	1 U	1 U
BORON		1.4 R	80.8	79.5	81.9 J	78.8 J
CADMIUM	0.45 U	2 UJ	2 U	2 U	3 U	3 U
CALCIUM	221000	23500	30700	31200	31200	29000
CHROMIUM	0.68 U	5 U	3 UJ	3 UJ	4 U	4 U
COBALT	0.80 U	5 U	4 U	4 U	5 U	5 U
COPPER	5.7 U	5 U	2 U	2 U	5 U	5 U
CYANIDE		5 UJ				
IRON	574	1080 J	1630	1320	1310	1170
LEAD	1.3 U	2.1 J	2 UJ	2 UJ	2 UJ	11.2
MAGNESIUM	701000	7570	8360	8740	8490	7720
MANGANESE	117	95.2	148	150	127	118
MERCURY	0.02 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U
NICKEL	9.0 U	17.3 J	10 U	10 U	11 U	11 U

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWQW401-F	012291-WEMW1S	WE-1	WE-1	WE1-2	WE1-2
INVESTIGATION:	1997RI	PH1	PH2-1	PH2-1	PH2-2	PH2-2
SAMPLE DATE:	10/30/97	01/22/91	03/07/94	03/07/94	06/23/94	06/23/94
LOCATION:	QW-4	WE1	WE1	WE1	WE1	WE1
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Unfiltered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
POTASSIUM	246000	6410	6770	7400	7450	6950
SELENIUM	1.9 U	1 UJ	3 UJ	3 UJ	2 U	2 U
SILVER	3.4	7 UJ	2 UJ	2 UJ	2 U	2 U
SODIUM	5810000	48900 J	65300	67900	60500	56200
THALLIUM	6.2 U	2 UR	10 UJ	1 UJ	1 UJ	1 UJ
VANADIUM	0.55 U	20 U	5 U	5 U	4 U	4 U
ZINC	118 J	8.2 J	2 U	4.8 U	3 U	3 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH		2000 U	500 U		500	
MISCELLANEOUS PARAMETERS						
HARDNESS AS CaCO3 (MG/L)			116		106	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWWE101	LS4GWWE101-F	012291-WEMW4S	012391-WEMW5S	WE-5	WE-5
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	01/22/91	01/23/91	03/07/94	03/07/94
LOCATION:	WE1	WE1	WE4	WE5	WE5	WE5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE			5 U	5 U	10 U	
1,1,2,2-TETRACHLOROETHANE			5 U	5 U	10 U	
1,1,2-TRICHLOROETHANE			5 U	5 U	10 U	
1,1-DICHLOROETHANE			5 U	5 U	10 U	
1,1-DICHLOROETHENE			5 U	5 U	10 U	
1,2-DICHLOROETHANE			5 U	5 U	10 U	
1,2-DICHLOROETHENE (TOTAL)			5 U	5 U	10 U	
1,2-DICHLOROPROPANE			5 U	5 U	10 U	
2-BUTANONE			10 U	10 U	10 U	
2-HEXANONE			10 U	10 U	10 U	
4-METHYL-2-PENTANONE			10 U	10 U	10 U	
ACETONE			10 U	10 U	10 U	
BENZENE			5 U	5 U	10 U	
BROMODICHLOROMETHANE			5 U	5 U	10 U	
BROMOFORM			5 U	5 U	10 U	
BROMOMETHANE			10 U	10 U	10 U	
CARBON DISULFIDE			5 U	5 U	10 U	
CARBON TETRACHLORIDE			5 U	5 U	10 U	
CHLOROBENZENE			5 U	5 U	10 U	
CHLOROETHANE			10 U	10 U	10 U	
CHLOROFORM			5 U	5 U	10 U	
CHLOROMETHANE			10 U	10 U	10 U	
CIS-1,3-DICHLOROPROPENE			5 U	5 U	10 U	
DIBROMOCHLOROMETHANE			5 U	5 U	10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWWE101	LS4GWWE101-F	012291-WEMW4S	012391-WEMW5S	WE-5	WE-5
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	01/22/91	01/23/91	03/07/94	03/07/94
LOCATION:	WE1	WE1	WE4	WE5	WE5	WE5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE			5 U	5 U	10 U	
METHYLENE CHLORIDE			5 U	5 U	10 U	
STYRENE			5 U	5 U	10 U	
TETRACHLOROETHENE			5 U	5 U	10 U	
TOLUENE			5 U	5 U	10 U	
TRANS-1,3-DICHLOROPROPENE			5 U	5 U	10 U	
TRICHLOROETHENE			5 U	5 U	10 U	
VINYL ACETATE			10 U	10 U	10 U	
VINYL CHLORIDE			10 U	10 U	10 U	
XYLENES, TOTAL			5 U	5 U	5 J	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	12 U				10 U	
1,2-DICHLOROBENZENE	12 U				10 U	
1,3-DICHLOROBENZENE	12 U				10 U	
1,4-DICHLOROBENZENE	12 U				10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	12 U					
2,4,5-TRICHLOROPHENOL	30 U				25 U	
2,4,6-TRICHLOROPHENOL	12 U				10 U	
2,4-DICHLOROPHENOL	12 U				10 U	
2,4-DIMETHYLPHENOL	12 U				10 U	
2,4-DINITROPHENOL	30 UJ				25 U	
2,4-DINITROTOLUENE	12 UJ				10 U	
2,6-DINITROTOLUENE	12 U				10 U	
2-CHLORONAPHTHALENE	12 U				10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWWE101	LS4GWWE101-F	012291-WEMW4S	012391-WEMW5S	WE-5	WE-5
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	01/22/91	01/23/91	03/07/94	03/07/94
LOCATION:	WE1	WE1	WE4	WE5	WE5	WE5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	12 U				10 U	
2-METHYLNAPHTHALENE	12 U				10 U	
2-METHYLPHENOL	12 U				10 U	
2-NITROANILINE	30 U				25 U	
2-NITROPHENOL	12 U				10 U	
3,3'-DICHLOROBENZIDINE	12 UJ				10 U	
3-NITROANILINE	30 UJ				25 U	
4,6-DINITRO-2-METHYLPHENOL	30 U				25 U	
4-BROMOPHENYL PHENYL ETHER	12 U				10 U	
4-CHLORO-3-METHYLPHENOL	12 U				10 U	
4-CHLOROANILINE	12 U				10 U	
4-CHLOROPHENYL PHENYL ETHER	12 U				10 U	
4-METHYLPHENOL	12 U				10 U	
4-NITROANILINE	30 UJ				25 U	
4-NITROPHENOL	30 UJ				25 U	
ACENAPHTHENE	12 U				10 U	
ACENAPHTHYLENE	12 U				10 U	
ANTHRACENE	12 U				10 U	
BENZO(A)ANTHRACENE	12 U				10 U	
BENZO(A)PYRENE	12 U				10 U	
BENZO(B)FLUORANTHENE	12 U				10 U	
BENZO(G,H,I)PERYLENE	12 U				10 U	
BENZO(K)FLUORANTHENE	12 UJ				10 U	
BENZOIC ACID					50 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWWE101	LS4GWWE101-F	012291-WEMW4S	012391-WEMW5S	WE-5	WE-5
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	01/22/91	01/23/91	03/07/94	03/07/94
LOCATION:	WE1	WE1	WE4	WE5	WE5	WE5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL					10 U	
BIS(2-CHLOROETHOXY)METHANE	12 U				10 U	
BIS(2-CHLOROETHYL)ETHER	12 U				10 U	
BIS(2-CHLOROISOPROPYL) ETHER					10 U	
BIS(2-ETHYLHEXYL)PHTHALATE	12 U				10 U	
BUTYLBENZYL PHTHALATE	12 U				10 U	
CARBAZOLE	12 U				10 U	
CHRYSENE	12 U				10 U	
DI-N-BUTYL PHTHALATE	12 U				10 U	
DI-N-OCTYL PHTHALATE	12 UJ				10 U	
DIBENZO(A,H)ANTHRACENE	12 U				10 U	
DIBENZOFURAN	12 U				10 U	
DIETHYL PHTHALATE	12 U				10 U	
DIMETHYL PHTHALATE	12 U				10 U	
FLUORANTHENE	12 UJ				10 U	
FLUORENE	12 U				10 U	
HEXACHLOROBENZENE	12 U				10 U	
HEXACHLOROBUTADIENE	12 U				10 U	
HEXACHLOROCYCLOPENTADIENE	12 U				10 U	
HEXACHLOROETHANE	12 U				10 U	
INDENO(1,2,3-CD)PYRENE	12 U				10 U	
ISOPHORONE	12 U				10 U	
N-NITROSO-DI-N-PROPYLAMINE	12 U				10 U	
N-NITROSODIPHENYLAMINE	12 U				10 U	

00065

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWWE101	LS4GWWE101-F	012291-WEMW4S	012391-WEMW5S	WE-5	WE-5
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	01/22/91	01/23/91	03/07/94	03/07/94
LOCATION:	WE1	WE1	WE4	WE5	WE5	WE5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NAPHTHALENE	12 U				10 U	
NITROBENZENE	12 U				10 U	
PENTACHLOROPHENOL	30 UJ				25 U	
PHENANTHRENE	12 U				10 U	
PHENOL	12 U				10 U	
PYRENE	12 U				10 U	
METALS (µg/L)						
ALUMINUM	30.7 U	15.0 U	30 U	30 U	116 J	14 U
ANTIMONY	2.5 U	2.5 U	25 U	25 U	15 U	15 U
ARSENIC	2.5 U	2.5 U	3 U	5.2	29.6 J	2.3 J
BARIUM	10.7	210	17.1	32.2	50.7 J	34.3 J
BERYLLIUM	0.19 U	0.19 U	1 U	1 U	1 U	1 U
BORON			1.8 R	0.4 R	192	195
CADMIUM	0.22 U	0.22 U	2 UJ	2 UJ	2 U	2 U
CALCIUM	33000	30800	23600	22400	25200	24500
CHROMIUM	3.1 U	3.1 U	5 U	5 U	3 UJ	3 UJ
COBALT	2.9 U	2.9 U	5 U	5 U	4 U	4 U
COPPER	1.5 U	1.5 U	5 U	5 U	2 U	2 U
CYANIDE			5 UJ	5 UJ		
IRON	1500	453	1020 J	10200 J	28900	2780
LEAD	1.3 U	1.3 U	2.9 J	2 J	140 J	2 UJ
MAGNESIUM	9410	8650	3630	3950	4810 J	4740 J
MANGANESE	99.9 U	89.4 U	68.9	673	759	611
MERCURY	0.05 U	0.05 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWWE101	LS4GWWE101-F	012291-WEMW4S	012391-WEMW5S	WE-5	WE-5
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	01/22/91	01/23/91	03/07/94	03/07/94
LOCATION:	WE1	WE1	WE4	WE5	WE5	WE5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
NICKEL	9.0 U	9.0 U	14.9	17.1 J	10 U	10 U
POTASSIUM	7830	7070	4490	6380	7660	7540
SELENIUM	1.9 U	1.9 U	1 UJ	1 UJ	3 UJ	3 UJ
SILVER	2.8 U	2.8 U	7 UJ	7 UJ	2 UJ	2 UJ
SODIUM	73900	76800	50900 J	48900 J	58100	57500
THALLIUM	4.8 U	4.8 U	2 UR	2 UR	1 UJ	1 UJ
VANADIUM	2.9 U	2.9 U	20 U	20 U	5 U	5 U
ZINC	7.8 U	115 J	11 J	9.6 J	7.7 U	3.3 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1100 U		2000 U	3000 U	500 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	0.82					
REDOX POTENTIAL (MV)	-97.3					
SALINITY (PPT)	0.3					
SPECIFIC CONDUCTIVITY (MS/CM)	0.624					
TEMPERATURE (C)	23.72					
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	78					
AMMONIA, AS NITROGEN (MG/L)	1.3					
CHLORIDE (MG/L)	160					
DIVALENT IRON (MG/L)	1					
HARDNESS AS CaCO3 (MG/L)	110				80	
METHANE (UG/L)	410					
NITRATE, AS NITROGEN (MG/L)	1.0 J					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4GWWE101	LS4GWWE101-F	012291-WEMW4S	012391-WEMW5S	WE-5	WE-5
INVESTIGATION:	1997RI	1997RI	PH1	PH1	PH2-1	PH2-1
SAMPLE DATE:	10/29/97	10/29/97	01/22/91	01/23/91	03/07/94	03/07/94
LOCATION:	WE1	WE1	WE4	WE5	WE5	WE5
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
PHOSPHORUS (MG/L)	0.87 J					
SULFATE (MG/L)	15					
TOTAL ORGANIC CARBON (MG/L)	3.6 J					
TURBIDITY (NTU)	1.23					
GENERAL CHEMISTRY						
PH	6.56					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	WE5-2	WE5-2				
INVESTIGATION:	PH2-2	PH2-2				
SAMPLE DATE:	07/12/94	07/12/94	/ /	/ /	/ /	/ /
LOCATION:	WE5	WE5				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U					
1,1,2,2-TETRACHLOROETHANE	10 U					
1,1,2-TRICHLOROETHANE	10 U					
1,1-DICHLOROETHANE	10 U					
1,1-DICHLOROETHENE	10 U					
1,2-DICHLOROETHANE	10 U					
1,2-DICHLOROETHENE (TOTAL)	10 U					
1,2-DICHLOROPROPANE	10 U					
2-BUTANONE	10 U					
2-HEXANONE	10 U					
4-METHYL-2-PENTANONE	10 U					
ACETONE	15 U					
BENZENE	10 U					
BROMODICHLOROMETHANE	10 U					
BROMOFORM	10 U					
BROMOMETHANE	10 U					
CARBON DISULFIDE	10 U					
CARBON TETRACHLORIDE	10 U					
CHLOROBENZENE	10 U					
CHLOROETHANE	10 U					
CHLOROFORM	10 U					
CHLOROMETHANE	10 U					
CIS-1,3-DICHLOROPROPENE	10 U					
DIBROMOCHLOROMETHANE	10 U					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	WE5-2	WE5-2				
INVESTIGATION:	PH2-2	PH2-2				
SAMPLE DATE:	07/12/94	07/12/94	/ /	/ /	/ /	/ /
LOCATION:	WE5	WE5				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	10 U					
METHYLENE CHLORIDE	9 J					
STYRENE	10 U					
TETRACHLOROETHENE	10 U					
TOLUENE	10 U					
TRANS-1,3-DICHLOROPROPENE	10 U					
TRICHLOROETHENE	10 U					
VINYL ACETATE	10 U					
VINYL CHLORIDE	10 U					
XYLENES, TOTAL	10 U					
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U					
1,2-DICHLOROBENZENE	10 U					
1,3-DICHLOROBENZENE	10 U					
1,4-DICHLOROBENZENE	10 U					
2,4,5-TRICHLOROPHENOL	25 U					
2,4,6-TRICHLOROPHENOL	10 U					
2,4-DICHLOROPHENOL	10 U					
2,4-DIMETHYLPHENOL	10 U					
2,4-DINITROPHENOL	25 U					
2,4-DINITROTOLUENE	10 U					
2,6-DINITROTOLUENE	10 U					
2-CHLORONAPHTHALENE	10 U					
2-CHLOROPHENOL	10 U					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	WE5-2	WE5-2				
INVESTIGATION:	PH2-2	PH2-2				
SAMPLE DATE:	07/12/94	07/12/94	/ /	/ /	/ /	/ /
LOCATION:	WE5	WE5				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE	10 U					
2-METHYLPHENOL	10 U					
2-NITROANILINE	25 U					
2-NITROPHENOL	10 U					
3,3'-DICHLOROBENZIDINE	10 U					
3-NITROANILINE	25 U					
4,6-DINITRO-2-METHYLPHENOL	25 U					
4-BROMOPHENYL PHENYL ETHER	10 U					
4-CHLORO-3-METHYLPHENOL	10 U					
4-CHLOROANILINE	10 U					
4-CHLOROPHENYL PHENYL ETHER	10 U					
4-METHYLPHENOL	10 U					
4-NITROANILINE	25 U					
4-NITROPHENOL	25 U					
ACENAPHTHENE	10 U					
ACENAPHTHYLENE	10 U					
ANTHRACENE	10 U					
BENZO(A)ANTHRACENE	10 U					
BENZO(A)PYRENE	10 U					
BENZO(B)FLUORANTHENE	10 U					
BENZO(G,H,I)PERYLENE	10 U					
BENZO(K)FLUORANTHENE	10 U					
BENZOIC ACID	50 U					
BENZYL ALCOHOL	10 U					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	WE5-2	WE5-2				
INVESTIGATION:	PH2-2	PH2-2				
SAMPLE DATE:	07/12/94	07/12/94	/ /	/ /	/ /	/ /
LOCATION:	WE5	WE5				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-CHLOROETHOXY)METHANE	10 U					
BIS(2-CHLOROETHYL)ETHER	10 U					
BIS(2-CHLOROISOPROPYL) ETHER	10 UJ					
BIS(2-ETHYLHEXYL)PHTHALATE	10 U					
BUTYLBENZYL PHTHALATE	10 U					
CARBAZOLE	10 U					
CHRYSENE	10 U					
DI-N-BUTYL PHTHALATE	10 U					
DI-N-OCTYL PHTHALATE	10 U					
DIBENZO(A,H)ANTHRACENE	10 U					
DIBENZOFURAN	10 U					
DIETHYL PHTHALATE	10 U					
DIMETHYL PHTHALATE	10 U					
FLUORANTHENE	10 U					
FLUORENE	10 U					
HEXACHLOROBENZENE	10 U					
HEXACHLOROBUTADIENE	10 U					
HEXACHLOROCYCLOPENTADIENE	10 U					
HEXACHLOROETHANE	10 U					
INDENO(1,2,3-CD)PYRENE	10 U					
ISOPHORONE	10 U					
N-NITROSO-DI-N-PROPYLAMINE	10 U					
N-NITROSODIPHENYLAMINE	10 U					
NAPHTHALENE	10 U					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	WE5-2	WE5-2				
INVESTIGATION:	PH2-2	PH2-2				
SAMPLE DATE:	07/12/94	07/12/94	/ /	/ /	/ /	/ /
LOCATION:	WE5	WE5				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NITROBENZENE	10 U					
PENTACHLOROPHENOL	25 U					
PHENANTHRENE	10 U					
PHENOL	10 U					
PYRENE	10 U					
METALS (µg/L)						
ALUMINUM	78.7 U	37.6 U				
ANTIMONY	12 U	12 U				
ARSENIC	11.8	4.9				
BARIUM	41.4	43.1				
BERYLLIUM	1 U	1 U				
BORON	129	131				
CADMIUM	2 U	2 U				
CALCIUM	25000	27800				
CHROMIUM	3 U	3 U				
COBALT	3 U	3 U				
COPPER	2 U	2 U				
IRON	12400	8490				
LEAD	48.9 J	2.5				
MAGNESIUM	4720	4980				
MANGANESE	522	536				
MERCURY	0.2 UJ	0.2 UJ				
NICKEL	7 U	7 U				
POTASSIUM	7680	7870				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	WE5-2	WE5-2				
INVESTIGATION:	PH2-2	PH2-2				
SAMPLE DATE:	07/12/94	07/12/94	/ /	/ /	/ /	/ /
LOCATION:	WE5	WE5				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
METALS (µg/L)						
SELENIUM	3 U	3 U				
SILVER	2 U	2 U				
SODIUM	63400	67500				
THALLIUM	5.5 J	6.8 J				
VANADIUM	3 U	3 U				
ZINC	2 U	7.5 U				
PETROLEUM HYDROCARBONS (µg/L)						
TPH	500 U					
MISCELLANEOUS PARAMETERS						
HARDNESS AS CaCO3 (MG/L)	90					

APPENDIX H.2.5

ZONE 5

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19GW2	19GW2	LS5GW19MW201	LS5GW19MW201-F	19GW3	19GW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/29/93	04/29/93
LOCATION:	19MW2	19MW2	19MW2	19MW2	19MW3	19MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	1 U				1 U	
1,1,2,2-TETRACHLOROETHANE	1 U				1 U	
1,1,2-TRICHLOROETHANE	1 U				1 U	
1,1-DICHLOROETHANE	1 U				1 U	
1,1-DICHLOROETHENE	1 U				1 U	
1,2-DICHLOROETHANE	1 U				1 U	
1,2-DICHLOROETHENE (TOTAL)	1 U				1 U	
1,2-DICHLOROPROPANE	1 U				1 U	
2-BUTANONE	5 U				5 U	
2-HEXANONE	5 U				5 U	
4-METHYL-2-PENTANONE	5 U				5 U	
ACETONE	5 UJ				5 UJ	
BENZENE	1 U				1 U	
BROMODICHLOROMETHANE	1 U				1 U	
BROMOFORM	1 U				1 U	
BROMOMETHANE	2 U				2 U	
CARBON DISULFIDE	1 U				1 U	
CARBON TETRACHLORIDE	1 U				1 U	
CHLOROBENZENE	1 U				1 U	
CHLOROETHANE	2 U				2 U	
CHLOROFORM	1 U				1 U	
CHLOROMETHANE	2 U				2 U	
CIS-1,3-DICHLOROPROPENE	1 U				1 U	
DIBROMOCHLOROMETHANE	1 U				1 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19GW2	19GW2	LS5GW19MW201	LS5GW19MW201-F	19GW3	19GW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/29/93	04/29/93
LOCATION:	19MW2	19MW2	19MW2	19MW2	19MW3	19MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	1 U				1 U	
METHYLENE CHLORIDE	2 U				1 UJ	
STYRENE	1 U				1 U	
TETRACHLOROETHENE	1 U				1 U	
TOLUENE	1 U				1 U	
TRANS-1,3-DICHLOROPROPENE	1 U				1 U	
TRICHLOROETHENE	1 U				1 U	
VINYL CHLORIDE	2 U				2 U	
XYLENES, TOTAL	1 U				5 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U		12 U		11 U	
1,2-DICHLOROBENZENE	10 U		12 U		11 U	
1,3-DICHLOROBENZENE	10 U		12 U		11 U	
1,4-DICHLOROBENZENE	10 U		12 U		11 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	10 U		12 U		11 U	
2,4,5-TRICHLOROPHENOL	26 U		30 U		26 U	
2,4,6-TRICHLOROPHENOL	10 U		12 U		11 U	
2,4-DICHLOROPHENOL	10 U		12 U		11 U	
2,4-DIMETHYLPHENOL	10 U		12 U		11 U	
2,4-DINITROPHENOL	26 UJ		30 UJ		26 UJ	
2,4-DINITROTOLUENE	10 U		12 UJ		11 U	
2,6-DINITROTOLUENE	10 U		12 U		11 U	
2-CHLORONAPHTHALENE	10 U		12 U		11 U	
2-CHLOROPHENOL	10 U		12 U		11 U	

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19GW2	19GW2	LS5GW19MW201	LS5GW19MW201-F	19GW3	19GW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/29/93	04/29/93
LOCATION:	19MW2	19MW2	19MW2	19MW2	19MW3	19MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE	10 U		12 U		37	
2-METHYLPHENOL	10 U		12 U		11 U	
2-NITROANILINE	26 U		30 U		26 U	
2-NITROPHENOL	10 U		12 U		11 U	
3,3'-DICHLOROBENZIDINE	10 U		12 UJ		11 U	
3-NITROANILINE	26 R		30 UJ		26 R	
4,6-DINITRO-2-METHYLPHENOL	26 U		30 U		26 U	
4-BROMOPHENYL PHENYL ETHER	10 U		12 U		11 U	
4-CHLORO-3-METHYLPHENOL	10 U		12 U		11 U	
4-CHLOROANILINE	10 UJ		12 U		11 UJ	
4-CHLOROPHENYL PHENYL ETHER	10 U		12 U		11 U	
4-METHYLPHENOL	10 U		12 U		11 U	
4-NITROANILINE	26 U		30 UJ		26 U	
4-NITROPHENOL	26 U		30 UJ		26 U	
ACENAPHTHENE	10 U		12 U		3 J	
ACENAPHTHYLENE	10 U		12 U		11 U	
ANTHRACENE	10 U		12 U		11 U	
BENZO(A)ANTHRACENE	10 U		12 U		11 U	
BENZO(A)PYRENE	10 U		12 U		11 U	
BENZO(B)FLUORANTHENE	10 U		12 U		11 U	
BENZO(G,H,I)PERYLENE	10 U		12 U		11 U	
BENZO(K)FLUORANTHENE	10 U		12 UJ		11 U	
BIS(2-CHLOROETHOXY)METHANE	10 U		12 U		11 U	
BIS(2-CHLOROETHYL)ETHER	10 U		12 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19GW2	19GW2	LS5GW19MW201	LS5GW19MW201-F	19GW3	19GW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/29/93	04/29/93
LOCATION:	19MW2	19MW2	19MW2	19MW2	19MW3	19MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE	10 U		19 U		11 U	
BUTYLBENZYL PHTHALATE	10 U		12 U		11 U	
CARBAZOLE	10 UJ		12 U		11 UJ	
CHRYSENE	10 U		12 U		11 U	
DI-N-BUTYL PHTHALATE	10 U		12 U		11 U	
DI-N-OCTYL PHTHALATE	10 U		12 UJ		11 U	
DIBENZO(A,H)ANTHRACENE	10 U		12 U		11 U	
DIBENZOFURAN	10 U		12 U		2 J	
DIETHYL PHTHALATE	10 U		12 U		11 U	
DIMETHYL PHTHALATE	10 U		12 U		11 U	
FLUORANTHENE	10 U		12 UJ		11 U	
FLUORENE	10 U		12 U		4 J	
HEXACHLOROBENZENE	10 U		12 U		11 U	
HEXACHLOROBUTADIENE	10 U		12 U		11 U	
HEXACHLOROCYCLOPENTADIENE	10 U		12 U		11 U	
HEXACHLOROETHANE	10 U		12 U		11 U	
INDENO(1,2,3-CD)PYRENE	10 U		12 U		11 U	
ISOPHORONE	10 U		12 U		11 U	
N-NITROSO-DI-N-PROPYLAMINE	10 U		12 U		11 U	
N-NITROSODIPHENYLAMINE	10 UJ		12 U		11 UJ	
NAPHTHALENE	10 U		12 U		15	
NITROBENZENE	10 U		12 U		11 U	
PENTACHLOROPHENOL	26 U		30 UJ		26 U	
PHENANTHRENE	10 U		12 U		1 J	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19GW2	19GW2	LS5GW19MW201	LS5GW19MW201-F	19GW3	19GW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/29/93	04/29/93
LOCATION:	19MW2	19MW2	19MW2	19MW2	19MW3	19MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
PHENOL	10 U		12 U		11 U	
PYRENE	10 U		12 U		11 U	
PESTICIDES/PCBs (µg/L)						
4,4'-DDD	0.11 U				0.11 U	
4,4'-DDE	0.11 U				0.11 U	
4,4'-DDT	0.11 U				0.11 U	
ALDRIN	0.057 U				0.056 U	
ALPHA-BHC	0.057 U				0.056 U	
ALPHA-CHLORDANE	0.057 U				0.056 U	
AROCLOR-1016	1.1 U				1.1 U	
AROCLOR-1221	2.3 U				2.2 U	
AROCLOR-1232	1.1 U				1.1 U	
AROCLOR-1242	1.1 U				1.1 U	
AROCLOR-1248	1.1 U				1.1 U	
AROCLOR-1254	1.1 U				1.1 U	
AROCLOR-1260	1.1 U				1.1 U	
BETA-BHC	0.057 U				0.056 U	
DELTA-BHC	0.057 U				0.056 U	
DIELDRIN	0.11 U				0.11 U	
ENDOSULFAN I	0.057 U				0.056 U	
ENDOSULFAN II	0.11 U				0.11 U	
ENDOSULFAN SULFATE	0.11 U				0.11 U	
ENDRIN	0.11 U				0.11 U	
ENDRIN ALDEHYDE	0.11 U				0.11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19GW2	19GW2	LS5GW19MW201	LS5GW19MW201-F	19GW3	19GW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/29/93	04/29/93
LOCATION:	19MW2	19MW2	19MW2	19MW2	19MW3	19MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/L)						
ENDRIN KETONE	0.11 U				0.11 U	
GAMMA-BHC (LINDANE)	0.057 U				0.056 U	
GAMMA-CHLORDANE	0.057 U				0.056 U	
HEPTACHLOR	0.057 U				0.056 U	
HEPTACHLOR EPOXIDE	0.057 U				0.056 U	
METHOXYCHLOR	0.57 U				0.56 U	
TOXAPHENE	5.7 U				5.6 U	
METALS (µg/L)						
ALUMINUM	143 U	136 B	146 U	12.5 U	153 U	172 B
ANTIMONY	30 U	30 U	2.5 U	2.5 U	30 U	30 U
ARSENIC	2.5 U	2 U	2.5 U	2.5 U	4.3 U	2 U
BARIUM	43.7 U	43.7 B	324	295	72.8 U	72.8 B
BERYLLIUM	1 U	1 U	0.19 U	0.19 U	1 U	1 U
BORON	243 U	162 BE			247 U	184 BE
CADMIUM	2.2 U	2 U	0.81 U	0.76 U	2 U	2 U
CALCIUM	22700 J	23900	182000	165000	33300 J	36400
CHROMIUM	4 U	4 U	3.1 U	3.1 U	4 U	4 U
COBALT	3 U	3 U	2.9 U	2.9 U	3 U	3 U
COPPER	3 U	3 U	4.2	3.2	3 U	3 U
CYANIDE	10 U	10 U			10 U	10 U
IRON	30.9 U	42.5 B	220 U	22.2 U	10700 J	11600
LEAD	1.3 U	1.4 B	1.3 J	1.3 U	4.4 U	2.2 B
MAGNESIUM	3360 JB	3410 B	391000	351000	4410 JB	4850 B
MANGANESE	6.2 U	7.6 B	4.6 J	1.6 U	912 J	1000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19GW2	19GW2	LS5GW19MW201	LS5GW19MW201-F	19GW3	19GW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/29/93	04/29/93
LOCATION:	19MW2	19MW2	19MW2	19MW2	19MW3	19MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
MERCURY	0.18 U	0.18 U	0.04 U	0.01 U	0.18 U	0.18 U
NICKEL	9 U	9 U	9.0 U	9.0 U	9 U	9 U
POTASSIUM	3840 JB	4030 B	113000	100000	4540 JB	4980 B
SELENIUM	1 U	1 U	1.9 U	1.9 U	1 U	1 U
SILVER	4 U	4 U	2.8 U	2.8 U	4 U	4 U
SODIUM	63400 J	66700	3090000	2770000	57400 J	63100
THALLIUM	1 UW	1 U	4.8 U	4.8 U	1 UW	1 U
VANADIUM	5 U	5 U	2.9 UJ	2.9 UJ	5 U	5 U
ZINC	3 U	3.3 B	21.3 J	185 J	4.4 U	11 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	11000 U		1100 U		1000 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			6.96			
REDOX POTENTIAL (MV)			54.6			
SALINITY (PPT)			9.74			
SPECIFIC CONDUCTIVITY (MS/CM)			16.53			
TEMPERATURE (C)			16.93			
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			80			
AMMONIA, AS NITROGEN (MG/L)			0.10 U			
CHLORIDE (MG/L)			3900			
DIVALENT IRON (MG/L)			0			
HARDNESS AS CaCO3 (MG/L)			1900			
METHANE (UG/L)			5.4 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19GW2	19GW2	LS5GW19MW201	LS5GW19MW201-F	19GW3	19GW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/29/93	04/29/93
LOCATION:	19MW2	19MW2	19MW2	19MW2	19MW3	19MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
NITRATE, AS NITROGEN (MG/L)			1.2			
PHOSPHORUS (MG/L)			0.29 J			
SULFATE (MG/L)			890			
TOTAL ORGANIC CARBON (MG/L)			2.6 J			
TURBIDITY (NTU)			-0.2 R			
GENERAL CHEMISTRY						
PH			6.36			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5GW19MW301	LS5GW19MW301-F	19MW4	19MW4		
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95		
SAMPLE DATE:	10/28/97	10/28/97	04/27/93	04/27/93	/ /	/ /
LOCATION:	19MW3	19MW3	19MW4	19MW4		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE			1 U			
1,1,2,2-TETRACHLOROETHANE			1 U			
1,1,2-TRICHLOROETHANE			1 U			
1,1-DICHLOROETHANE			1 U			
1,1-DICHLOROETHENE			1 U			
1,2-DICHLOROETHANE			1 U			
1,2-DICHLOROETHENE (TOTAL)			1 U			
1,2-DICHLOROPROPANE			1 U			
2-BUTANONE			5 U			
2-HEXANONE			5 U			
4-METHYL-2-PENTANONE			5 U			
ACETONE			5 U			
BENZENE			1 U			
BROMODICHLOROMETHANE			1 U			
BROMOFORM			1 U			
BROMOMETHANE			2 U			
CARBON DISULFIDE			1 U			
CARBON TETRACHLORIDE			1 U			
CHLOROBENZENE			1 U			
CHLOROETHANE			2 U			
CHLOROFORM			1 U			
CHLOROMETHANE			2 U			
CIS-1,3-DICHLOROPROPENE			1 U			
DIBROMOCHLOROMETHANE			1 U			

60000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5GW19MW301	LS5GW19MW301-F	19MW4	19MW4		
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95		
SAMPLE DATE:	10/28/97	10/28/97	04/27/93	04/27/93	/ /	/ /
LOCATION:	19MW3	19MW3	19MW4	19MW4		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE			4			
METHYLENE CHLORIDE			1 U			
STYRENE			1 U			
TETRACHLOROETHENE			1 U			
TOLUENE			0.8 J			
TRANS-1,3-DICHLOROPROPENE			1 U			
TRICHLOROETHENE			1 U			
VINYL CHLORIDE			2 U			
XYLENES, TOTAL			13			
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	11 U		10 U			
1,2-DICHLOROBENZENE	11 U		10 U			
1,3-DICHLOROBENZENE	11 U		10 U			
1,4-DICHLOROBENZENE	11 U		10 U			
2,2'-OXYBIS(1-CHLOROPROPANE)	11 U		10 U			
2,4,5-TRICHLOROPHENOL	28 U		26 U			
2,4,6-TRICHLOROPHENOL	11 U		10 U			
2,4-DICHLOROPHENOL	11 U		10 U			
2,4-DIMETHYLPHENOL	11 U		10 U			
2,4-DINITROPHENOL	28 UJ		26 U			
2,4-DINITROTOLUENE	11 UJ		10 U			
2,6-DINITROTOLUENE	11 U		10 U			
2-CHLORONAPHTHALENE	11 U		10 U			
2-CHLOROPHENOL	11 U		10 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5GW19MW301	LS5GW19MW301-F	19MW4	19MW4		
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95		
SAMPLE DATE:	10/28/97	10/28/97	04/27/93	04/27/93	/ /	/ /
LOCATION:	19MW3	19MW3	19MW4	19MW4		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE	11 U		75			
2-METHYLPHENOL	11 U		10 U			
2-NITROANILINE	28 U		26 U			
2-NITROPHENOL	11 U		10 U			
3,3'-DICHLOROBENZIDINE	11 U		10 U			
3-NITROANILINE	28 U		26 U			
4,6-DINITRO-2-METHYLPHENOL	28 U		26 U			
4-BROMOPHENYL PHENYL ETHER	11 U		10 U			
4-CHLORO-3-METHYLPHENOL	11 U		10 U			
4-CHLOROANILINE	11 U		10 U			
4-CHLOROPHENYL PHENYL ETHER	11 U		10 U			
4-METHYLPHENOL	11 U		10 U			
4-NITROANILINE	28 UJ		26 U			
4-NITROPHENOL	28 UJ		26 U			
ACENAPHTHENE	11 U		2 J			
ACENAPHTHYLENE	2 J		10 U			
ANTHRACENE	11 U		10 U			
BENZO(A)ANTHRACENE	11 U		10 U			
BENZO(A)PYRENE	11 U		10 U			
BENZO(B)FLUORANTHENE	11 U		10 U			
BENZO(G,H,I)PERYLENE	11 U		10 U			
BENZO(K)FLUORANTHENE	11 U		10 U			
BIS(2-CHLOROETHOXY)METHANE	11 U		10 U			
BIS(2-CHLOROETHYL)ETHER	11 U		10 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5GW19MW301	LS5GW19MW301-F	19MW4	19MW4		
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95		
SAMPLE DATE:	10/28/97	10/28/97	04/27/93	04/27/93	/ /	/ /
LOCATION:	19MW3	19MW3	19MW4	19MW4		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE	11 U		10 U			
BUTYLBENZYL PHTHALATE	11 U		10 U			
CARBAZOLE	11 U		10 U			
CHRYSENE	11 U		10 U			
DI-N-BUTYL PHTHALATE	0.6 J		10 U			
DI-N-OCTYL PHTHALATE	11 UJ		10 U			
DIBENZO(A,H)ANTHRACENE	11 U		10 U			
DIBENZOFURAN	1 J		2 J			
DIETHYL PHTHALATE	11 U		10 U			
DIMETHYL PHTHALATE	11 U		10 U			
FLUORANTHENE	11 UJ		10 U			
FLUORENE	2 J		3 J			
HEXACHLOROBENZENE	11 U		10 U			
HEXACHLOROBUTADIENE	11 U		10 U			
HEXACHLOROCYCLOPENTADIENE	11 UJ		10 U			
HEXACHLOROETHANE	11 U		10 U			
INDENO(1,2,3-CD)PYRENE	11 U		10 U			
ISOPHORONE	11 U		10 U			
N-NITROSO-DI-N-PROPYLAMINE	11 U		10 U			
N-NITROSODIPHENYLAMINE	11 U		10 U			
NAPHTHALENE	0.6 J		73			
NITROBENZENE	11 U		10 U			
PENTACHLOROPHENOL	28 UJ		26 U			
PHENANTHRENE	11 U		2 J			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5GW19MW301	LS5GW19MW301-F	19MW4	19MW4		
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95		
SAMPLE DATE:	10/28/97	10/28/97	04/27/93	04/27/93	/ /	/ /
LOCATION:	19MW3	19MW3	19MW4	19MW4		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
PHENOL	11 U		10 U			
PYRENE	11 U		10 U			
PESTICIDES/PCBs (µg/L)						
4,4'-DDD			0.11 U			
4,4'-DDE			0.11 U			
4,4'-DDT			0.11 U			
ALDRIN			0.056 U			
ALPHA-BHC			0.056 U			
ALPHA-CHLORDANE			0.056 U			
AROCLOR-1016			1.1 U			
AROCLOR-1221			2.2 U			
AROCLOR-1232			1.1 U			
AROCLOR-1242			1.1 U			
AROCLOR-1248			1.1 U			
AROCLOR-1254			1.1 U			
AROCLOR-1260			1.1 U			
BETA-BHC			0.056 U			
DELTA-BHC			0.056 U			
DIELDRIN			0.11 U			
ENDOSULFAN I			0.056 U			
ENDOSULFAN II			0.11 U			
ENDOSULFAN SULFATE			0.11 U			
ENDRIN			0.11 U			
ENDRIN ALDEHYDE			0.11 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5GW19MW301	LS5GW19MW301-F	19MW4	19MW4		
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95		
SAMPLE DATE:	10/28/97	10/28/97	04/27/93	04/27/93	/ /	/ /
LOCATION:	19MW3	19MW3	19MW4	19MW4		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/L)						
ENDRIN KETONE			0.11 U			
GAMMA-BHC (LINDANE)			0.056 U			
GAMMA-CHLORDANE			0.056 U			
HEPTACHLOR			0.056 U			
HEPTACHLOR EPOXIDE			0.056 U			
METHOXYCHLOR			0.56 U			
TOXAPHENE			5.6 U			
METALS (µg/L)						
ALUMINUM	47.9 U	26.8 U	238 U	153 B		
ANTIMONY	2.5 U	2.5 U	30 UJ	30 U		
ARSENIC	2.5 U	2.5 U	30.2 UW	34.3		
BARIUM	177	370	66.1 U	58.2 B		
BERYLLIUM	0.19 U	0.19 U	1 UJ	1 U		
BORON			190 U	206 BE		
CADMIUM	0.22 U	0.22 U	2 UJ	2 U		
CALCIUM	53100	50600	72800 J	68300		
CHROMIUM	3.1 U	3.1 U	4 UJ	4 U		
COBALT	2.9 U	2.9 U	11.5 JB	10.5 B		
COPPER	2.4 J	11.4	3 UJ	3 U		
CYANIDE			10 UJ	10 U		
IRON	19500	18400	31900 J	31100		
LEAD	1.3 U	1.3 U	1.7 U	1 U		
MAGNESIUM	5900	5670	4090 JB	4010 B		
MANGANESE	741	703	4140 J	4090		

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5GW19MW301	LS5GW19MW301-F	19MW4	19MW4		
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95		
SAMPLE DATE:	10/28/97	10/28/97	04/27/93	04/27/93	/ /	/ /
LOCATION:	19MW3	19MW3	19MW4	19MW4		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
METALS (µg/L)						
MERCURY	0.41	0.04 U	0.18 UJ	0.18 U		
NICKEL	9.0 U	9.0 U	9 UJ	9 U		
POTASSIUM	7690	7210	6480 J	6440		
SELENIUM	1.9 U	1.9 U	1 UJ	1 U		
SILVER	2.8 U	2.8 U	4 UJ	4 U		
SODIUM	75800	74800	21900 J	21600		
THALLIUM	4.8 U	4.8 U	1.3 U	1 UW		
VANADIUM	2.9 U	3.0 J	5 UJ	5 U		
ZINC	15.7 U	88.5 J	9.6 U	4.8 B		
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1100 U		1000 U			
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	0.71					
REDOX POTENTIAL (MV)	-98.5					
SALINITY (PPT)	0.35					
SPECIFIC CONDUCTIVITY (MS/CM)	0.709					
TEMPERATURE (C)	16.44					
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	160					
AMMONIA, AS NITROGEN (MG/L)	1.4					
CHLORIDE (MG/L)	150					
DIVALENT IRON (MG/L)	8					
HARDNESS AS CaCO3 (MG/L)	160					
METHANE (UG/L)	660					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5GW19MW301	LS5GW19MW301-F	19MW4	19MW4		
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95		
SAMPLE DATE:	10/28/97	10/28/97	04/27/93	04/27/93	/ /	/ /
LOCATION:	19MW3	19MW3	19MW4	19MW4		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered		
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
NITRATE, AS NITROGEN (MG/L)	0.050 U					
PHOSPHORUS (MG/L)	1.5 J					
SULFATE (MG/L)	3.5					
TOTAL ORGANIC CARBON (MG/L)	38 J					
TURBIDITY (NTU)	6.08					
GENERAL CHEMISTRY						
PH	6.14					

APPENDIX H.2.6

ZONE 6

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00101	GWFD002	GWFD002-F	LS6GW00101-F	LS6GW00201	DUPLICATE004
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/30/97	10/30/97	10/30/97	10/30/97	11/04/97	11/04/97
LOCATION:	MW1-6RI	MW1-6RI	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:		LS6GW00101	LS6GW00101-F			LS6GW00201
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U	10 U			10 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U			10 U	10 U
1,1,2-TRICHLOROETHANE	10 U	10 U			10 U	10 U
1,1-DICHLOROETHANE	10 U	10 U			10 U	10 U
1,1-DICHLOROETHENE	10 U	10 U			10 U	10 U
1,2-DICHLOROETHANE	10 U	10 U			10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U	10 U			10 U	10 U
1,2-DICHLOROPROPANE	10 U	10 U			10 U	10 U
2-BUTANONE	10 U	10 U			10 U	10 U
2-HEXANONE	10 U	10 U			10 U	10 U
4-METHYL-2-PENTANONE	10 U	10 U			10 U	10 U
ACETONE	10 U	10 U			10 U	10 U
BENZENE	10 U	10 U			10 U	10 U
BROMODICHLOROMETHANE	10 U	10 U			10 U	10 U
BROMOFORM	10 UJ	10 UJ			10 U	10 U
BROMOMETHANE	10 U	10 U			10 U	10 U
CARBON DISULFIDE	10 U	10 U			10 U	10 U
CARBON TETRACHLORIDE	10 U	10 U			10 U	10 U
CHLOROBENZENE	10 U	10 U			10 U	10 U
CHLOROETHANE	10 U	10 U			10 U	10 U
CHLOROFORM	23	21			10 U	10 U
CHLOROMETHANE	10 UJ	10 UJ			10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U	10 U			10 U	10 U
DIBROMOCHLOROMETHANE	10 U	10 U			10 U	10 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00101	GWFD002	GWFD002-F	LS6GW00101-F	LS6GW00201	DUPLICATE004
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/30/97	10/30/97	10/30/97	10/30/97	11/04/97	11/04/97
LOCATION:	MW1-6RI	MW1-6RI	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:		LS6GW00101	LS6GW00101-F			LS6GW00201
VOLATILES (µg/L)						
ETHYLBENZENE	10 U	10 U			10 U	10 U
METHYLENE CHLORIDE	10 U	10 U			10 U	10 U
STYRENE	1 J	1 J			10 U	10 U
TETRACHLOROETHENE	10 U	10 U			10 U	10 U
TOLUENE	10 U	10 U			10 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U			10 U	10 U
TRICHLOROETHENE	10 U	10 U			10 U	10 U
VINYL CHLORIDE	10 U	10 U			10 U	10 U
XYLENES, TOTAL	10 U	10 U			10 U	10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	11 U	11 U			13 U	12 U
1,2-DICHLOROBENZENE	11 U	11 U			13 U	12 U
1,3-DICHLOROBENZENE	11 U	11 U			13 U	12 U
1,4-DICHLOROBENZENE	11 U	11 U			13 U	12 U
2,2'-OXYBIS(1-CHLOROPROPANE)	11 U	11 U			13 U	12 U
2,4,5-TRICHLOROPHENOL	28 U	28 U			33 U	30 U
2,4,6-TRICHLOROPHENOL	11 U	11 U			13 U	12 U
2,4-DICHLOROPHENOL	11 U	11 U			13 U	12 U
2,4-DIMETHYLPHENOL	11 U	11 U			13 U	12 U
2,4-DINITROPHENOL	28 U	28 U			33 UJ	30 UJ
2,4-DINITROTOLUENE	11 U	11 U			13 U	12 U
2,6-DINITROTOLUENE	11 U	11 U			13 U	12 U
2-CHLORONAPHTHALENE	11 U	11 U			13 U	12 U
2-CHLOROPHENOL	11 U	11 U			13 U	12 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00101	GWFD002	GWFD002-F	LS6GW00101-F	LS6GW00201	DUPLICATE004
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/30/97	10/30/97	10/30/97	10/30/97	11/04/97	11/04/97
LOCATION:	MW1-6RI	MW1-6RI	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:		LS6GW00101	LS6GW00101-F			LS6GW00201
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE	11 U	11 U			13 U	12 U
2-METHYLPHENOL	11 U	11 U			13 U	12 U
2-NITROANILINE	28 U	28 U			33 U	30 U
2-NITROPHENOL	11 U	11 U			13 U	12 U
3,3'-DICHLOROBENZIDINE	11 U	11 U			13 U	12 U
3-NITROANILINE	28 U	28 U			33 U	30 U
4,6-DINITRO-2-METHYLPHENOL	28 U	28 U			33 UJ	30 UJ
4-BROMOPHENYL PHENYL ETHER	11 U	11 U			13 U	12 U
4-CHLORO-3-METHYLPHENOL	11 U	11 U			13 U	12 U
4-CHLOROANILINE	11 U	11 U			13 U	12 U
4-CHLOROPHENYL PHENYL ETHER	11 U	11 U			13 U	12 U
4-METHYLPHENOL	11 U	11 U			13 U	12 U
4-NITROANILINE	28 U	28 U			33 U	30 U
4-NITROPHENOL	28 U	28 U			33 U	30 U
ACENAPHTHENE	11 U	11 U			3 J	2 J
ACENAPHTHYLENE	11 U	11 U			0.8 J	0.6 J
ANTHRACENE	11 U	11 U			13 U	12 U
BENZO(A)ANTHRACENE	11 U	11 U			13 U	12 U
BENZO(A)PYRENE	11 U	11 U			13 U	12 U
BENZO(B)FLUORANTHENE	11 U	11 U			13 U	12 U
BENZO(G,H,I)PERYLENE	11 U	11 U			13 U	12 U
BENZO(K)FLUORANTHENE	11 U	11 U			13 U	12 U
BIS(2-CHLOROETHOXY)METHANE	11 U	11 U			13 U	12 U
BIS(2-CHLOROETHYL)ETHER	11 U	11 U			13 U	12 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00101	GWFD002	GWFD002-F	LS6GW00101-F	LS6GW00201	DUPLICATE004
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/30/97	10/30/97	10/30/97	10/30/97	11/04/97	11/04/97
LOCATION:	MW1-6RI	MW1-6RI	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:		LS6GW00101	LS6GW00101-F			LS6GW00201
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE	11 U	14 U			13 U	42 U
BUTYLBENZYL PHTHALATE	0.7 J	0.7 J			13 U	12 UJ
CARBAZOLE	11 U	11 U			13 U	12 U
CHRYSENE	11 U	11 U			13 U	12 U
DI-N-BUTYL PHTHALATE	11 U	11 U			13 U	12 U
DI-N-OCTYL PHTHALATE	11 U	11 U			13 UJ	12 UJ
DIBENZO(A,H)ANTHRACENE	11 U	11 U			13 U	12 U
DIBENZOFURAN	11 U	11 U			13 U	12 U
DIETHYL PHTHALATE	11 U	11 U			13 U	12 U
DIMETHYL PHTHALATE	11 U	11 U			13 U	12 U
FLUORANTHENE	11 U	11 U			13 U	0.6 J
FLUORENE	11 U	11 U			0.7 J	12 U
HEXACHLOROBENZENE	11 U	11 U			13 U	12 U
HEXACHLOROBUTADIENE	11 U	11 U			13 U	12 U
HEXACHLOROCYCLOPENTADIENE	11 U	11 U			13 UJ	12 UJ
HEXACHLOROETHANE	11 U	11 U			13 U	12 U
INDENO(1,2,3-CD)PYRENE	11 U	11 U			13 U	12 U
ISOPHORONE	11 U	11 U			13 U	12 U
N-NITROSO-DI-N-PROPYLAMINE	11 U	11 U			13 U	12 U
N-NITROSODIPHENYLAMINE	11 U	11 U			13 U	12 U
NAPHTHALENE	11 U	11 U			13 U	12 U
NITROBENZENE	11 U	11 U			13 U	12 U
PENTACHLOROPHENOL	28 U	28 U			33 U	30 U
PHENANTHRENE	11 U	11 U			13 U	12 U

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00101	GWFD002	GWFD002-F	LS6GW00101-F	LS6GW00201	DUPLICATE004
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/30/97	10/30/97	10/30/97	10/30/97	11/04/97	11/04/97
LOCATION:	MW1-6RI	MW1-6RI	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:		LS6GW00101	LS6GW00101-F			LS6GW00201
SEMIVOLATILES (µg/L)						
PHENOL	11 U	11 U			13 UJ	12 UJ
PYRENE	11 U	11 U			13 U	12 U
METALS (µg/L)						
ALUMINUM	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	28.8 U	31.1 U
ANTIMONY	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ARSENIC	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
BARIUM	25.2	24.8	83.2	292	124	125
BERYLLIUM	0.49 U	0.51 U	0.43 U	0.33 U	0.11 UJ	0.11 UJ
CADMIUM	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
CALCIUM	11800	11900	12200	11900	109000	106000
CHROMIUM	0.80 U	0.68 U	0.68 U	0.70 U	0.89 J	0.89 J
COBALT	1.9	1.8	1.7	0.83 J	0.99 J	0.94 J
COPPER	2.0 U	1.9 U	2.3 U	1.8 U	0.74 UJ	1.3 U
IRON	73.8 U	67.7 U	13.0 U	13.0 U	619	557
LEAD	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	2.5 J
MAGNESIUM	3220	3250	3280	3200	27300	26400
MANGANESE	420	426	439	418	449	447
MERCURY	0.01 UJ	0.02 U	0.03 U	0.03 U	0.03 U	0.02 U
NICKEL	5.3	5.0	5.6	5.3	1.5 U	1.1 U
POTASSIUM	2540	2580 U	2370	2240 U	15500	14600
SELENIUM	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
SILVER	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
SODIUM	18200	18100	20500	19500	239000	226000
THALLIUM	6.5 J	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00101	GWFD002	GWFD002-F	LS6GW00101-F	LS6GW00201	DUPLICATE004
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/30/97	10/30/97	10/30/97	10/30/97	11/04/97	11/04/97
LOCATION:	MW1-6RI	MW1-6RI	MW1-6RI	MW1-6RI	MW2-6RI	MW2-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:		LS6GW00101	LS6GW00101-F			LS6GW00201
METALS (µg/L)						
VANADIUM	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
ZINC	26.6	24.1	70.8	102	8.3 U	10.8 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1100 U	1100 U			1200 U	1100 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	5.07				38.85 R	
REDOX POTENTIAL (MV)	52.8				-151.5	
SALINITY (PPT)	0.08				0.95	
SPECIFIC CONDUCTIVITY (MS/CM)	0.176				1.864	
TEMPERATURE (C)	12.00				15.91	
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	20 U	20 U			180	180
AMMONIA, AS NITROGEN (MG/L)	0.10 U	0.10 U			0.10 U	0.10 U
CHLORIDE (MG/L)	29	29			450	520
DIVALENT IRON (MG/L)	0.00				0.6	
HARDNESS AS CaCO3 (MG/L)	45	45			330	330
METHANE (UG/L)	5.4 U	5.4 U			2400	2600
NITRATE, AS NITROGEN (MG/L)	1.4	1.4			0.15	0.14
PHOSPHORUS (MG/L)	0.13 J	0.39 J			0.17 J	0.21 J
SULFATE (MG/L)	25	25			78	77
TOTAL ORGANIC CARBON (MG/L)	1.4 J	1.6 J			4.1 J	5.3 J
TURBIDITY (NTU)	3.75				1.42	
GENERAL CHEMISTRY						
PH	5.81				7.06	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUPLICATE004-F	LS6GW00201-F	LS6GW00301	LS6GW00301-F	LS6GW00401	LS6GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	11/03/97	11/03/97	11/03/97	11/03/97
LOCATION:	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI	MW4-6RI	MW4-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:	LS6GW00201-F					
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE			10 U		10 UR	
1,1,2,2-TETRACHLOROETHANE			10 U		10 UR	
1,1,2-TRICHLOROETHANE			10 U		10 UR	
1,1-DICHLOROETHANE			10 U		10 UR	
1,1-DICHLOROETHENE			10 U		10 UR	
1,2-DICHLOROETHANE			10 U		10 UR	
1,2-DICHLOROETHENE (TOTAL)			10 U		10 UR	
1,2-DICHLOROPROPANE			10 U		10 UR	
2-BUTANONE			10 U		10 UR	
2-HEXANONE			10 U		10 UR	
4-METHYL-2-PENTANONE			10 U		10 UR	
ACETONE			10 U		10 U	
BENZENE			10 U		10 UR	
BROMODICHLOROMETHANE			10 U		10 UR	
BROMOFORM			10 U		10 UR	
BROMOMETHANE			10 U		10 UR	
CARBON DISULFIDE			10 U		10 UR	
CARBON TETRACHLORIDE			10 U		10 UR	
CHLOROBENZENE			10 U		10 UR	
CHLOROETHANE			10 U		10 UR	
CHLOROFORM			10 U		10 UR	
CHLOROMETHANE			10 U		10 UR	
CIS-1,3-DICHLOROPROPENE			10 U		10 UR	
DIBROMOCHLOROMETHANE			10 U		10 UR	

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUPLICATE004-F	LS6GW00201-F	LS6GW00301	LS6GW00301-F	LS6GW00401	LS6GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	11/03/97	11/03/97	11/03/97	11/03/97
LOCATION:	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI	MW4-6RI	MW4-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:	LS6GW00201-F					
VOLATILES (µg/L)						
ETHYLBENZENE			10 U		10 UR	
METHYLENE CHLORIDE			10 U		10 U	
STYRENE			10 U		10 UR	
TETRACHLOROETHENE			10 U		10 UR	
TOLUENE			10 U		10 UR	
TRANS-1,3-DICHLOROPROPENE			10 U		10 UR	
TRICHLOROETHENE			10 U		10 UR	
VINYL CHLORIDE			10 U		10 UR	
XYLENES, TOTAL			10 U		10 UR	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE			11 U		11 U	
1,2-DICHLOROBENZENE			11 U		11 U	
1,3-DICHLOROBENZENE			11 U		11 U	
1,4-DICHLOROBENZENE			11 U		11 U	
2,2'-OXYBIS(1-CHLOROPROPANE)			11 U		11 U	
2,4,5-TRICHLOROPHENOL			28 U		28 U	
2,4,6-TRICHLOROPHENOL			11 U		11 U	
2,4-DICHLOROPHENOL			11 U		11 U	
2,4-DIMETHYLPHENOL			11 U		11 U	
2,4-DINITROPHENOL			28 UJ		28 UJ	
2,4-DINITROTOLUENE			11 U		11 U	
2,6-DINITROTOLUENE			11 U		11 U	
2-CHLORONAPHTHALENE			11 U		11 U	
2-CHLOROPHENOL			11 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUPLICATE004-F	LS6GW00201-F	LS6GW00301	LS6GW00301-F	LS6GW00401	LS6GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	11/03/97	11/03/97	11/03/97	11/03/97
LOCATION:	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI	MW4-6RI	MW4-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:	LS6GW00201-F					
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE			11 U		11 U	
2-METHYLPHENOL			11 U		11 U	
2-NITROANILINE			28 U		28 U	
2-NITROPHENOL			11 U		11 U	
3,3'-DICHLOROBENZIDINE			11 U		11 U	
3-NITROANILINE			28 U		28 U	
4,6-DINITRO-2-METHYLPHENOL			28 UJ		28 UJ	
4-BROMOPHENYL PHENYL ETHER			11 U		11 U	
4-CHLORO-3-METHYLPHENOL			11 U		11 U	
4-CHLOROANILINE			11 U		11 U	
4-CHLOROPHENYL PHENYL ETHER			11 U		11 U	
4-METHYLPHENOL			11 U		11 U	
4-NITROANILINE			28 U		28 U	
4-NITROPHENOL			28 U		28 U	
ACENAPHTHENE			11 U		11 U	
ACENAPHTHYLENE			11 U		11 U	
ANTHRACENE			11 U		11 U	
BENZO(A)ANTHRACENE			11 U		11 U	
BENZO(A)PYRENE			11 U		11 U	
BENZO(B)FLUORANTHENE			11 U		11 U	
BENZO(G,H,I)PERYLENE			11 U		11 U	
BENZO(K)FLUORANTHENE			11 U		11 U	
BIS(2-CHLOROETHOXY)METHANE			11 U		11 U	
BIS(2-CHLOROETHYL)ETHER			11 U		11 U	

60009

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUPLICATE004-F	LS6GW00201-F	LS6GW00301	LS6GW00301-F	LS6GW00401	LS6GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	11/03/97	11/03/97	11/03/97	11/03/97
LOCATION:	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI	MW4-6RI	MW4-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:	LS6GW00201-F					
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE			11 U		11 U	
BUTYLBENZYL PHTHALATE			11 UJ		11 UJ	
CARBAZOLE			11 U		11 U	
CHRYSENE			11 U		11 U	
DI-N-BUTYL PHTHALATE			11 U		11 U	
DI-N-OCTYL PHTHALATE			11 UJ		11 UJ	
DIBENZO(A,H)ANTHRACENE			11 U		11 U	
DIBENZOFURAN			11 U		11 U	
DIETHYL PHTHALATE			11 U		11 U	
DIMETHYL PHTHALATE			11 U		11 U	
FLUORANTHENE			11 U		11 U	
FLUORENE			11 U		11 U	
HEXACHLOROBENZENE			11 U		11 U	
HEXACHLOROBUTADIENE			11 U		11 U	
HEXACHLOROCYCLOPENTADIENE			11 UJ		11 UJ	
HEXACHLOROETHANE			11 U		11 U	
INDENO(1,2,3-CD)PYRENE			11 U		11 U	
ISOPHORONE			11 U		11 U	
N-NITROSO-DI-N-PROPYLAMINE			11 U		11 U	
N-NITROSODIPHENYLAMINE			11 U		11 U	
NAPHTHALENE			11 U		11 U	
NITROBENZENE			11 U		11 U	
PENTACHLOROPHENOL			28 U		28 U	
PHENANTHRENE			11 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUPLICATE004-F	LS6GW00201-F	LS6GW00301	LS6GW00301-F	LS6GW00401	LS6GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	11/03/97	11/03/97	11/03/97	11/03/97
LOCATION:	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI	MW4-6RI	MW4-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:	LS6GW00201-F					
SEMIVOLATILES (µg/L)						
PHENOL			11 UJ		11 UJ	
PYRENE			11 U		11 U	
METALS (µg/L)						
ALUMINUM	67.8 U	25.7 U	36.4 U	65.7 U	40.2 U	24.8 U
ANTIMONY	2.8 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ARSENIC	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
BARIUM	119	112	48.2	374	37.1	33.1
BERYLLIUM	0.11 UJ	0.11 UJ	0.19 U	0.19 U	0.19 U	0.19 U
CADMIUM	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
CALCIUM	104000	98900	18100	16600	24700	22700
CHROMIUM	0.68 U	0.72 U	3.1 U	3.5 U	3.1 U	3.1 U
COBALT	1.2	0.88 J	2.9 U	2.9 U	2.9 U	2.9 U
COPPER	1.4 U	0.74 U	1.5 U	3.7 U	1.5 U	1.5 U
IRON	608 J	525 J	16.9 U	37.8 U	24.0 U	12.6 U
LEAD	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
MAGNESIUM	26500	24600	3020	2850	3780	3520
MANGANESE	428	418	296	298	29.0	30.7
MERCURY	0.01 UJ	0.01 UJ	0.03 U	0.04 U	0.03 U	0.02 U
NICKEL	1.3 U	1.2 U	9.0 U	9.0 U	9.0 U	9.0 U
POTASSIUM	14900	13900	15300	14000	4890	4800
SELENIUM	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	1.9 U
SILVER	1.1 U	1.1 U	2.8 U	2.8 U	2.8 U	2.8 U
SODIUM	230000	221000	99100	93800	33200	30600
THALLIUM	4.8 U	6.2 J	4.8 U	4.8 U	4.8 U	4.8 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	DUPLICATE004-F	LS6GW00201-F	LS6GW00301	LS6GW00301-F	LS6GW00401	LS6GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	11/03/97	11/03/97	11/03/97	11/03/97
LOCATION:	MW2-6RI	MW2-6RI	MW3-6RI	MW3-6RI	MW4-6RI	MW4-6RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Filtered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:	LS6GW00201-F					
METALS (µg/L)						
VANADIUM	0.68	0.55 U	2.9 U	2.9 U	2.9 U	2.9 U
ZINC	7.9 U	9.4 U	6.9 U	98.5	15.7 U	11.5 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH			1100 U		1100 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			4.51		2.45	
REDOX POTENTIAL (MV)			-62.6		-42.3	
SALINITY (PPT)			0.27		0.15	
SPECIFIC CONDUCTIVITY (MS/CM)			0.553		0.321	
TEMPERATURE (C)			15.8		17.1	
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			180		27 J	
AMMONIA, AS NITROGEN (MG/L)			0.10 U		0.10 U	
CHLORIDE (MG/L)			37		64	
DIVALENT IRON (MG/L)			0		0	
HARDNESS AS CaCO3 (MG/L)			51		71	
NITRATE, AS NITROGEN (MG/L)			1.1		0.07 J	
PHOSPHORUS (MG/L)			0.26 U		0.10 U	
SULFATE (MG/L)			41		51	
TOTAL ORGANIC CARBON (MG/L)			6.7 J		2.1 J	
TURBIDITY (NTU)			1.18		0.64	
GENERAL CHEMISTRY						
PH			7.25		6.92	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00501	LS6GW00501-F				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	11/03/97	11/03/97	/ /	/ /	/ /	/ /
LOCATION:	MW5-6RI	MW5-6RI				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U					
1,1,2,2-TETRACHLOROETHANE	10 U					
1,1,2-TRICHLOROETHANE	10 U					
1,1-DICHLOROETHANE	10 U					
1,1-DICHLOROETHENE	10 U					
1,2-DICHLOROETHANE	10 U					
1,2-DICHLOROETHENE (TOTAL)	10 U					
1,2-DICHLOROPROPANE	10 U					
2-BUTANONE	10 U					
2-HEXANONE	10 U					
4-METHYL-2-PENTANONE	10 U					
ACETONE	10 U					
BENZENE	10 U					
BROMODICHLOROMETHANE	10 U					
BROMOFORM	10 U					
BROMOMETHANE	10 U					
CARBON DISULFIDE	10 U					
CARBON TETRACHLORIDE	10 U					
CHLOROBENZENE	10 U					
CHLOROETHANE	10 U					
CHLOROFORM	10 U					
CHLOROMETHANE	10 U					
CIS-1,3-DICHLOROPROPENE	10 U					
DIBROMOCHLOROMETHANE	10 U					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00501	LS6GW00501-F				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	11/03/97	11/03/97	/ /	/ /	/ /	/ /
LOCATION:	MW5-6RI	MW5-6RI				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	10 U					
METHYLENE CHLORIDE	10 U					
STYRENE	10 U					
TETRACHLOROETHENE	10 U					
TOLUENE	10 U					
TRANS-1,3-DICHLOROPROPENE	10 U					
TRICHLOROETHENE	10 U					
VINYL CHLORIDE	10 U					
XYLENES, TOTAL	10 U					
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	11 U					
1,2-DICHLOROBENZENE	11 U					
1,3-DICHLOROBENZENE	11 U					
1,4-DICHLOROBENZENE	11 U					
2,2'-OXYBIS(1-CHLOROPROPANE)	11 U					
2,4,5-TRICHLOROPHENOL	28 U					
2,4,6-TRICHLOROPHENOL	11 U					
2,4-DICHLOROPHENOL	11 U					
2,4-DIMETHYLPHENOL	11 U					
2,4-DINITROPHENOL	28 UJ					
2,4-DINITROTOLUENE	11 U					
2,6-DINITROTOLUENE	11 U					
2-CHLORONAPHTHALENE	11 U					
2-CHLOROPHENOL	11 U					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00501	LS6GW00501-F				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	11/03/97	11/03/97	/ /	/ /	/ /	/ /
LOCATION:	MW5-6RI	MW5-6RI				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE	11 U					
2-METHYLPHENOL	11 U					
2-NITROANILINE	28 U					
2-NITROPHENOL	11 U					
3,3'-DICHLOROBENZIDINE	11 U					
3-NITROANILINE	28 U					
4,6-DINITRO-2-METHYLPHENOL	28 UJ					
4-BROMOPHENYL PHENYL ETHER	11 U					
4-CHLORO-3-METHYLPHENOL	11 U					
4-CHLOROANILINE	11 U					
4-CHLOROPHENYL PHENYL ETHER	11 U					
4-METHYLPHENOL	11 U					
4-NITROANILINE	28 U					
4-NITROPHENOL	28 U					
ACENAPHTHENE	11 U					
ACENAPHTHYLENE	11 U					
ANTHRACENE	11 U					
BENZO(A)ANTHRACENE	11 U					
BENZO(A)PYRENE	11 U					
BENZO(B)FLUORANTHENE	11 U					
BENZO(G,H,I)PERYLENE	11 U					
BENZO(K)FLUORANTHENE	11 U					
BIS(2-CHLOROETHOXY)METHANE	11 U					
BIS(2-CHLOROETHYL)ETHER	11 U					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00501	LS6GW00501-F				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	11/03/97	11/03/97	/ /	/ /	/ /	/ /
LOCATION:	MW5-6RI	MW5-6RI				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE	11 U					
BUTYLBENZYL PHTHALATE	11 UJ					
CARBAZOLE	11 U					
CHRYSENE	11 U					
DI-N-BUTYL PHTHALATE	11 U					
DI-N-OCTYL PHTHALATE	11 UJ					
DIBENZO(A,H)ANTHRACENE	11 U					
DIBENZOFURAN	11 U					
DIETHYL PHTHALATE	11 U					
DIMETHYL PHTHALATE	11 U					
FLUORANTHENE	11 U					
FLUORENE	11 U					
HEXACHLOROBENZENE	11 U					
HEXACHLOROBUTADIENE	11 U					
HEXACHLOROCYCLOPENTADIENE	11 UJ					
HEXACHLOROETHANE	11 U					
INDENO(1,2,3-CD)PYRENE	11 U					
ISOPHORONE	11 U					
N-NITROSO-DI-N-PROPYLAMINE	11 U					
N-NITROSODIPHENYLAMINE	11 U					
NAPHTHALENE	11 U					
NITROBENZENE	11 U					
PENTACHLOROPHENOL	28 U					
PHENANTHRENE	11 U					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00501	LS6GW00501-F				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	11/03/97	11/03/97	/ /	/ /	/ /	/ /
LOCATION:	MW5-6RI	MW5-6RI				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
PHENOL	11 UJ					
PYRENE	11 U					
METALS (µg/L)						
ALUMINUM	30.5 U	20.8 U				
ANTIMONY	2.5 U	2.5 U				
ARSENIC	2.5 U	2.5 U				
BARIUM	21.4	21.8				
BERYLLIUM	0.19 U	0.19 U				
CADMIUM	0.22 U	0.22 U				
CALCIUM	15700	16200				
CHROMIUM	3.1 U	3.1 U				
COBALT	2.9 U	2.9 U				
COPPER	1.5 U	1.5 U				
IRON	15.8 U	13.1 U				
LEAD	1.3 U	1.3 U				
MAGNESIUM	1960	2040				
MANGANESE	72.0	74.3				
MERCURY	0.03 U	0.03 U				
NICKEL	9.0 U	9.0 U				
POTASSIUM	3460	3500				
SELENIUM	1.9 U	1.9 U				
SILVER	2.8 U	2.8 U				
SODIUM	11200	11800				
THALLIUM	4.8 U	4.8 U				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6GW00501	LS6GW00501-F				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	11/03/97	11/03/97	/ /	/ /	/ /	/ /
LOCATION:	MW5-6RI	MW5-6RI				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Unfiltered	Filtered				
FIELD DUPLICATE OF:						
METALS (µg/L)						
VANADIUM	2.9 U	2.9 U				
ZINC	10.6 U	19.0 U				
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1100 U					
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	1.47					
REDOX POTENTIAL (MV)	-64.5					
SALINITY (PPT)	0.07					
SPECIFIC CONDUCTIVITY (MS/CM)	0.157					
TEMPERATURE (C)	17.18					
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	25 J					
AMMONIA, AS NITROGEN (MG/L)	0.10 U					
CHLORIDE (MG/L)	17					
DIVALENT IRON (MG/L)	0					
HARDNESS AS CaCO3 (MG/L)	47					
NITRATE, AS NITROGEN (MG/L)	0.05 U					
PHOSPHORUS (MG/L)	0.28 U					
SULFATE (MG/L)	27					
TOTAL ORGANIC CARBON (MG/L)	1.3 J					
TURBIDITY (NTU)	19.7					
GENERAL CHEMISTRY						
PH	6.8					

APPENDIX H.2.7

ZONE 7

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW2	20MW2	LS7GW20MW201	LS7GW20MW201-F	20MW3	20MW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/28/93	04/28/93	10/30/97	10/30/97	04/28/93	04/28/93
LOCATION:	20MW2	20MW2	20MW2	20MW2	20MW3	20MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	1 U				1 U	
1,1,2,2-TETRACHLOROETHANE	1 U				1 U	
1,1,2-TRICHLOROETHANE	1 U				1 U	
1,1-DICHLOROETHANE	1 U				1 U	
1,1-DICHLOROETHENE	1 U				1 U	
1,2-DICHLOROETHANE	1 U				1 U	
1,2-DICHLOROETHENE (TOTAL)	1 U				1 U	
1,2-DICHLOROPROPANE	1 U				1 U	
2-BUTANONE	5 U				5 U	
2-HEXANONE	5 U				5 U	
4-METHYL-2-PENTANONE	5 U				5 U	
ACETONE	5 UJ				5 UJ	
BENZENE	1 U				1 U	
BROMODICHLOROMETHANE	1 U				1 U	
BROMOFORM	1 U				1 U	
BROMOMETHANE	2 U				2 U	
CARBON DISULFIDE	1 U				1 U	
CARBON TETRACHLORIDE	1 U				1 U	
CHLOROBENZENE	1 U				1 U	
CHLOROETHANE	2 U				2 U	
CHLOROFORM	1 U				1 U	
CHLOROMETHANE	2 U				2 U	
CIS-1,3-DICHLOROPROPENE	1 U				1 U	
DIBROMOCHLOROMETHANE	1 U				1 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW2	20MW2	LS7GW20MW201	LS7GW20MW201-F	20MW3	20MW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/28/93	04/28/93	10/30/97	10/30/97	04/28/93	04/28/93
LOCATION:	20MW2	20MW2	20MW2	20MW2	20MW3	20MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	1 U				1 U	
METHYLENE CHLORIDE	1 U				1 U	
STYRENE	1 U				1 U	
TETRACHLOROETHENE	1 U				1 U	
TOLUENE	1 U				1 U	
TRANS-1,3-DICHLOROPROPENE	1 U				1 U	
TRICHLOROETHENE	1 U				1 U	
VINYL CHLORIDE	2 U				2 U	
XYLENES, TOTAL	1 U				1 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	11 U		12 U		11 U	
1,2-DICHLOROBENZENE	11 U		12 U		11 U	
1,3-DICHLOROBENZENE	11 U		12 U		11 U	
1,4-DICHLOROBENZENE	11 U		12 U		11 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	11 U		12 U		11 U	
2,4,5-TRICHLOROPHENOL	27 U		30 U		27 U	
2,4,6-TRICHLOROPHENOL	11 U		12 U		11 U	
2,4-DICHLOROPHENOL	11 U		12 U		11 U	
2,4-DIMETHYLPHENOL	11 U		12 U		11 U	
2,4-DINITROPHENOL	27 UJ		30 UJ		27 U	
2,4-DINITROTOLUENE	11 U		12 UJ		11 U	
2,6-DINITROTOLUENE	11 U		12 U		11 U	
2-CHLORONAPHTHALENE	11 U		12 U		11 U	
2-CHLOROPHENOL	11 U		12 U		11 U	

20000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW2	20MW2	LS7GW20MW201	LS7GW20MW201-F	20MW3	20MW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/28/93	04/28/93	10/30/97	10/30/97	04/28/93	04/28/93
LOCATION:	20MW2	20MW2	20MW2	20MW2	20MW3	20MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE	11 U		12 U		11 U	
2-METHYLPHENOL	11 U		12 U		11 U	
2-NITROANILINE	27 U		30 U		27 U	
2-NITROPHENOL	11 U		12 U		11 U	
3,3'-DICHLOROBENZIDINE	11 U		12 UJ		11 U	
3-NITROANILINE	27 R		30 UJ		27 U	
4,6-DINITRO-2-METHYLPHENOL	27 U		30 U		27 U	
4-BROMOPHENYL PHENYL ETHER	11 U		12 U		11 U	
4-CHLORO-3-METHYLPHENOL	11 U		12 U		11 U	
4-CHLOROANILINE	11 UJ		12 U		11 U	
4-CHLOROPHENYL PHENYL ETHER	11 U		12 U		11 U	
4-METHYLPHENOL	11 U		12 U		11 U	
4-NITROANILINE	27 U		30 UJ		27 U	
4-NITROPHENOL	27 U		30 UJ		27 U	
ACENAPHTHENE	11 U		12 U		10 J	
ACENAPHTHYLENE	11 U		12 U		1 J	
ANTHRACENE	11 U		12 U		11 U	
BENZO(A)ANTHRACENE	11 U		12 U		11 U	
BENZO(A)PYRENE			12 U			
BENZO(B)FLUORANTHENE	11 U		12 U		11 U	
BENZO(G,H,I)PERYLENE	11 U		12 U		11 U	
BENZO(K)FLUORANTHENE	11 U		12 UJ		11 U	
BIS(2-CHLOROETHOXY)METHANE	11 U		12 U		11 U	
BIS(2-CHLOROETHYL)ETHER	11 U		12 U		11 U	

00003

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW2	20MW2	LS7GW20MW201	LS7GW20MW201-F	20MW3	20MW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/28/93	04/28/93	10/30/97	10/30/97	04/28/93	04/28/93
LOCATION:	20MW2	20MW2	20MW2	20MW2	20MW3	20MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE	11 U		12 U		11 U	
BUTYLBENZYL PHTHALATE	11 U		12 U		11 U	
CARBAZOLE	11 UJ		12 U		11 U	
CHRYSENE	11 U		12 U		11 U	
DI-N-BUTYL PHTHALATE	11 U		12 U		11 U	
DI-N-OCTYL PHTHALATE	11 U		12 UJ		11 U	
DIBENZO(A,H)ANTHRACENE	11 U		12 U		11 U	
DIBENZOFURAN	11 U		12 U		11 U	
DIETHYL PHTHALATE	11 U		12 U		11 U	
DIMETHYL PHTHALATE	11 U		12 U		11 U	
FLUORANTHENE	11 U		12 UJ		1 J	
FLUORENE	11 U		12 U		11 U	
HEXACHLOROBENZENE	11 U		12 U		11 U	
HEXACHLOROBUTADIENE	11 U		12 U		11 U	
HEXACHLOROCYCLOPENTADIENE	11 U		12 U		11 U	
HEXACHLOROETHANE	11 U		12 U		11 U	
INDENO(1,2,3-CD)PYRENE	11 U		12 U		11 U	
ISOPHORONE	11 U		12 U		11 U	
N-NITROSO-DI-N-PROPYLAMINE	11 U		12 U		11 U	
N-NITROSODIPHENYLAMINE	11 UJ		12 U		11 U	
NAPHTHALENE	11 U		12 U		11 U	
NITROBENZENE	11 U		12 U		11 U	
PENTACHLOROPHENOL	27 U		30 UJ		27 U	
PHENANTHRENE	11 U		12 U		11 U	

00004

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW2	20MW2	LS7GW20MW201	LS7GW20MW201-F	20MW3	20MW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/28/93	04/28/93	10/30/97	10/30/97	04/28/93	04/28/93
LOCATION:	20MW2	20MW2	20MW2	20MW2	20MW3	20MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
PHENOL	11 U		12 U		11 U	
PYRENE	11 U		12 U		1 J	
PESTICIDES/PCBs (µg/L)						
4,4'-DDD	0.1 U				0.11 U	
4,4'-DDE	0.1 U				0.11 U	
4,4'-DDT	0.1 U				0.11 U	
ALDRIN	0.052 U				0.056 U	
ALPHA-BHC	0.052 U				0.056 U	
ALPHA-CHLORDANE	0.052 U				0.056 U	
AROCLOR-1016	1 U				1.1 U	
AROCLOR-1221	2.1 U				2.2 U	
AROCLOR-1232	1 U				1.1 U	
AROCLOR-1242	1 U				1.1 U	
AROCLOR-1248	1 U				1.1 U	
AROCLOR-1254	1 U				1.1 U	
AROCLOR-1260	1 U				1.1 U	
BETA-BHC	0.052 U				0.056 U	
DELTA-BHC	0.052 U				0.056 U	
DIELDRIN	0.1 U				0.11 U	
ENDOSULFAN I	0.052 U				0.056 U	
ENDOSULFAN II	0.1 U				0.11 U	
ENDOSULFAN SULFATE	0.1 U				0.11 U	
ENDRIN	0.1 U				0.11 U	
ENDRIN ALDEHYDE	0.1 U				0.11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW2	20MW2	LS7GW20MW201	LS7GW20MW201-F	20MW3	20MW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/28/93	04/28/93	10/30/97	10/30/97	04/28/93	04/28/93
LOCATION:	20MW2	20MW2	20MW2	20MW2	20MW3	20MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/L)						
ENDRIN KETONE	0.1 U				0.11 U	
GAMMA-BHC (LINDANE)	0.052 U				0.056 U	
GAMMA-CHLORDANE	0.052 U				0.056 U	
HEPTACHLOR	0.052 U				0.056 U	
HEPTACHLOR EPOXIDE	0.052 U				0.056 U	
METHOXYCHLOR	0.52 U				0.56 U	
TOXAPHENE	5.2 U				5.6 U	
METALS (µg/L)						
ALUMINUM	158 U	151 B	31.5 U	10.0 UJ	191 U	156 B
ANTIMONY	30 U	30 U	2.5 U	2.5 U	30 UJ	30 U
ARSENIC	4.9 U	5.7 B	6.0	6.1	3.8 U	4 BW
BARIUM	131 B	141 B	40.6	256	72.8 U	71 B
BERYLLIUM	1 U	1 U	0.11 UJ	0.11 UJ	1 UJ	1 U
BORON	340 U	344 BE			407 U	396 BE
CADMIUM	2 U	3.1 B	0.22 U	0.25 U	2 UJ	2 U
CALCIUM	54700 J	56300	25700	27200	75600 J	69900
CHROMIUM	4 U	4 U	0.79 U	1.0 U	4 UJ	4 U
COBALT	4.4 B	3.1 B	0.80 U	0.80 U	3 UJ	3 U
COPPER	3 U	3 U	0.74 U	2.4 U	3 UJ	3 U
CYANIDE	10 U	10 U			10 UJ	10 U
IRON	12000	12500	8690	8670	1910 UJ	1570
LEAD	1 U	1.8 B	1.3 U	1.3 U	1.8 U	1.6 B
MAGNESIUM	20400 J	21200	8890	9380	27000 J	24800
MANGANESE	3490 J	3600	886	912	1450 J	1330

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW2	20MW2	LS7GW20MW201	LS7GW20MW201-F	20MW3	20MW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/28/93	04/28/93	10/30/97	10/30/97	04/28/93	04/28/93
LOCATION:	20MW2	20MW2	20MW2	20MW2	20MW3	20MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
MERCURY	0.18 U	0.18 U	0.04 U	0.04 U	0.18 UJ	0.18 U
NICKEL	9 U	9 U	0.78 J	9.0 U	9 UJ	9 U
POTASSIUM	21400 J	22100	17000	17500	14200 J	13000
SELENIUM	1 U	1 U	1.9 U	1.9 U	1 UJ	1 UW
SILVER	4 U	4 U	1.1 U	1.1 U	4 UJ	4 U
SODIUM	143000 J	148000	113000	123000	156000 J	144000
THALLIUM	5.4 U	1.9 B	4.8 U	4.8 U	3.7 U	1.2 BW
VANADIUM	5 U	5 U	0.55 U	0.55 U	5 UJ	5 U
ZINC	3.2 U	6.4 B	3.6 U	95.4 J	9.8 U	3 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1000 U		1100 U		1100 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			1.54			
REDOX POTENTIAL (MV)			-181.5			
SALINITY (PPT)			0.37			
SPECIFIC CONDUCTIVITY (MS/CM)			0.756			
TEMPERATURE (C)			20.5			
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			160			
AMMONIA, AS NITROGEN (MG/L)			0.91			
CHLORIDE (MG/L)			150			
DIVALENT IRON (MG/L)			6			
HARDNESS AS CaCO3 (MG/L)			100			
METHANE (UG/L)			2400			

00007

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20MW2	20MW2	LS7GW20MW201	LS7GW20MW201-F	20MW3	20MW3
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/28/93	04/28/93	10/30/97	10/30/97	04/28/93	04/28/93
LOCATION:	20MW2	20MW2	20MW2	20MW2	20MW3	20MW3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
NITRATE, AS NITROGEN (MG/L)			0.050 U			
PHOSPHORUS (MG/L)			0.31 J			
SULFATE (MG/L)			9.2			
TOTAL ORGANIC CARBON (MG/L)			6.8 J			
TURBIDITY (NTU)			4.48			
GENERAL CHEMISTRY						
PH			6.88			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW301	LS7GW20MW301-F	20MW4	20MW4	LS7GW20MW401	LS7GW20MW401-F
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	04/28/93	04/28/93	10/30/97	10/30/97
LOCATION:	20MW3	20MW3	20MW4	20MW4	20MW4	20MW4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE			1 U			
1,1,2,2-TETRACHLOROETHANE			1 U			
1,1,2-TRICHLOROETHANE			1 U			
1,1-DICHLOROETHANE			1 U			
1,1-DICHLOROETHENE			1 U			
1,2-DICHLOROETHANE			1 U			
1,2-DICHLOROETHENE (TOTAL)			1 U			
1,2-DICHLOROPROPANE			1 U			
2-BUTANONE			5 U			
2-HEXANONE			5 U			
4-METHYL-2-PENTANONE			5 U			
ACETONE			5 UJ			
BENZENE			1 U			
BROMODICHLOROMETHANE			1 U			
BROMOFORM			1 U			
BROMOMETHANE			2 U			
CARBON DISULFIDE			1 U			
CARBON TETRACHLORIDE			1 U			
CHLOROBENZENE			1 U			
CHLOROETHANE			2 U			
CHLOROFORM			2			
CHLOROMETHANE			2 U			
CIS-1,3-DICHLOROPROPENE			1 U			
DIBROMOCHLOROMETHANE			1 U			

60009

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW301	LS7GW20MW301-F	20MW4	20MW4	LS7GW20MW401	LS7GW20MW401-F
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	04/28/93	04/28/93	10/30/97	10/30/97
LOCATION:	20MW3	20MW3	20MW4	20MW4	20MW4	20MW4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE			1 U			
METHYLENE CHLORIDE			1 UJ			
STYRENE			1 U			
TETRACHLOROETHENE			1 U			
TOLUENE			1 U			
TRANS-1,3-DICHLOROPROPENE			1 U			
TRICHLOROETHENE			1 U			
VINYL CHLORIDE			2 U			
XYLENES, TOTAL			1 U			
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	12 U		11 U		12 U	
1,2-DICHLOROBENZENE	12 U		11 U		12 U	
1,3-DICHLOROBENZENE	12 U		11 U		12 U	
1,4-DICHLOROBENZENE	12 U		11 U		12 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	12 U		11 U		12 U	
2,4,5-TRICHLOROPHENOL	30 U		27 U		30 U	
2,4,6-TRICHLOROPHENOL	12 U		11 U		12 U	
2,4-DICHLOROPHENOL	12 U		11 U		12 U	
2,4-DIMETHYLPHENOL	12 U		11 U		12 U	
2,4-DINITROPHENOL	30 UJ		27 U		30 UJ	
2,4-DINITROTOLUENE	12 U		11 U		12 UJ	
2,6-DINITROTOLUENE	12 U		11 U		12 U	
2-CHLORONAPHTHALENE	12 U		11 U		12 U	
2-CHLOROPHENOL	12 U		11 U		12 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW301	LS7GW20MW301-F	20MW4	20MW4	LS7GW20MW401	LS7GW20MW401-F
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	04/28/93	04/28/93	10/30/97	10/30/97
LOCATION:	20MW3	20MW3	20MW4	20MW4	20MW4	20MW4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE	12 U		11 U		12 U	
2-METHYLPHENOL	12 U		11 U		12 U	
2-NITROANILINE	30 U		27 U		30 U	
2-NITROPHENOL	12 U		11 U		12 U	
3,3'-DICHLOROBENZIDINE	12 U		11 U		12 U	
3-NITROANILINE	30 U		27 U		30 U	
4,6-DINITRO-2-METHYLPHENOL	30 UJ		27 U		30 U	
4-BROMOPHENYL PHENYL ETHER	12 U		11 U		12 U	
4-CHLORO-3-METHYLPHENOL	12 U		11 U		12 U	
4-CHLOROANILINE	12 U		11 U		12 U	
4-CHLOROPHENYL PHENYL ETHER	12 U		11 U		12 U	
4-METHYLPHENOL	12 U		11 U		12 U	
4-NITROANILINE	30 U		27 U		30 UJ	
4-NITROPHENOL	30 U		27 U		30 UJ	
ACENAPHTHENE	12 U		11 U		12 U	
ACENAPHTHYLENE	12 U		1 J		12 U	
ANTHRACENE	12 U		11 U		12 U	
BENZO(A)ANTHRACENE	12 U		11 U		12 U	
BENZO(A)PYRENE	12 U				12 U	
BENZO(B)FLUORANTHENE	12 U		11 U		12 U	
BENZO(G,H,I)PERYLENE	12 U		11 U		12 U	
BENZO(K)FLUORANTHENE	12 U		11 U		12 U	
BIS(2-CHLOROETHOXY)METHANE	12 U		11 U		12 U	
BIS(2-CHLOROETHYL)ETHER	12 U		11 U		12 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW301	LS7GW20MW301-F	20MW4	20MW4	LS7GW20MW401	LS7GW20MW401-F
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	04/28/93	04/28/93	10/30/97	10/30/97
LOCATION:	20MW3	20MW3	20MW4	20MW4	20MW4	20MW4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE	25 U		11 U		12 U	
BUTYLBENZYL PHTHALATE	12 UJ		11 U		12 U	
CARBAZOLE	12 U		11 U		12 U	
CHRYSENE	12 U		11 U		12 U	
DI-N-BUTYL PHTHALATE	12 U		11 U		12 U	
DI-N-OCTYL PHTHALATE	12 UJ		11 U		12 UJ	
DIBENZO(A,H)ANTHRACENE	12 U		11 U		12 U	
DIBENZOFURAN	12 U		11 U		12 U	
DIETHYL PHTHALATE	12 U		11 U		12 U	
DIMETHYL PHTHALATE	12 U		11 U		12 U	
FLUORANTHENE	12 U		11 U		12 UJ	
FLUORENE	12 U		11 U		12 U	
HEXACHLOROBENZENE	12 U		11 U		12 U	
HEXACHLOROBUTADIENE	12 U		11 U		12 U	
HEXACHLOROCYCLOPENTADIENE	12 UJ		11 U		12 UJ	
HEXACHLOROETHANE	12 U		11 U		12 U	
INDENO(1,2,3-CD)PYRENE	12 U		11 U		12 U	
ISOPHORONE	12 U		11 U		12 U	
N-NITROSO-DI-N-PROPYLAMINE	12 U		11 U		12 U	
N-NITROSODIPHENYLAMINE	12 U		11 U		12 U	
NAPHTHALENE	12 U		11 U		12 U	
NITROBENZENE	12 U		11 U		12 U	
PENTACHLOROPHENOL	30 U		27 U		30 UJ	
PHENANTHRENE	12 U		11 U		12 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW301	LS7GW20MW301-F	20MW4	20MW4	LS7GW20MW401	LS7GW20MW401-F
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	04/28/93	04/28/93	10/30/97	10/30/97
LOCATION:	20MW3	20MW3	20MW4	20MW4	20MW4	20MW4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
PHENOL	12 UJ		11 U		12 U	
PYRENE	12 U		11 U		12 U	
PESTICIDES/PCBs (µg/L)						
4,4'-DDD			0.11 U			
4,4'-DDE			0.11 U			
4,4'-DDT			0.11 U			
ALDRIN			0.054 U			
ALPHA-BHC			0.054 U			
ALPHA-CHLORDANE			0.054 U			
AROCLOR-1016			1.1 U			
AROCLOR-1221			2.1 U			
AROCLOR-1232			1.1 U			
AROCLOR-1242			1.1 U			
AROCLOR-1248			1.1 U			
AROCLOR-1254			1.1 U			
AROCLOR-1260			1.1 U			
BETA-BHC			0.054 U			
DELTA-BHC			0.054 U			
DIELDRIN			0.11 U			
ENDOSULFAN I			0.054 U			
ENDOSULFAN II			0.11 U			
ENDOSULFAN SULFATE			0.11 U			
ENDRIN			0.11 U			
ENDRIN ALDEHYDE			0.11 U			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW301	LS7GW20MW301-F	20MW4	20MW4	LS7GW20MW401	LS7GW20MW401-F
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	04/28/93	04/28/93	10/30/97	10/30/97
LOCATION:	20MW3	20MW3	20MW4	20MW4	20MW4	20MW4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/L)						
ENDRIN KETONE			0.11 U			
GAMMA-BHC (LINDANE)			0.054 U			
GAMMA-CHLORDANE			0.054 U			
HEPTACHLOR			0.054 U			
HEPTACHLOR EPOXIDE			0.054 U			
METHOXYCHLOR			0.54 U			
TOXAPHENE			5.4 U			
METALS (µg/L)						
ALUMINUM	339	94.5 U	158 U	136 B	10.0 UJ	10.0 UJ
ANTIMONY	2.5 U	2.5 U	30 UJ	30 U	2.5 U	2.5 U
ARSENIC	4.1 J	3.6 J	4.2 U	2.7 B	2.8 J	2.8 J
BARIUM	7.9	6.9	27.3 U	26.5 B	17.2	315
BERYLLIUM	0.11 UJ	0.11 UJ	1 UJ	1 U	0.11 UJ	0.11 UJ
BORON			924 U	939 E		
CADMIUM	0.51 U	0.22 U	2 UJ	2 U	0.27 U	0.39 U
CALCIUM	3740	3740	18900 J	19900	32300	33400
CHROMIUM	2.9	1.3 U	4 UJ	4 U	0.68 U	0.68 U
COBALT	1.1 J	1.1 J	3 UJ	3 U	0.80 U	0.80 U
COPPER	22.7 J	3.0 U	3 UJ	3 U	2.6 U	4.3 U
CYANIDE			10 UJ	10 U		
IRON	794	516 J	64.4 U	39.1 B	78.6 U	13.0 U
LEAD	6.6	1.3 U	2.2 U	1.8 B	1.3 U	1.3 U
MAGNESIUM	2820	2810	8030 J	8210	7510	7880
MANGANESE	28.0	26.6	92.7 J	100	109	108

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW301	LS7GW20MW301-F	20MW4	20MW4	LS7GW20MW401	LS7GW20MW401-F
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	04/28/93	04/28/93	10/30/97	10/30/97
LOCATION:	20MW3	20MW3	20MW4	20MW4	20MW4	20MW4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
MERCURY	0.03 U	0.01 UJ	0.18 UJ	0.18 U	0.07 U	0.03 U
NICKEL	12.5	11.2	9 UJ	9 U	0.75 U	9.0 U
POTASSIUM	2780 U	2910	11800 J	12200	11800	12000
SELENIUM	1.9 U	1.9 U	1 UJ	1 UW	1.9 U	1.9 U
SILVER	1.1 U	1.1 U	4 UJ	4 U	1.1 U	1.1 U
SODIUM	24000	23400	11400 J	115000	108000	118000
THALLIUM	4.8 U	4.8 U	4.1 U	2 B	4.8 U	4.8 U
VANADIUM	2.3	1.8	5 UJ	5 U	0.70 U	0.76 U
ZINC	330	161	6.8 U	3.5 B	26.6	116 J
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1200 U		1100 U		1100 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	8.4				0.45	
REDOX POTENTIAL (MV)	-101.6				-11.7	
SALINITY (PPT)	0.07				0.34	
SPECIFIC CONDUCTIVITY (MS/CM)	0.143				.707	
TEMPERATURE (C)	18.16				22.1	
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	20 U				180	
AMMONIA, AS NITROGEN (MG/L)	0.15 J				0.10 U	
CHLORIDE (MG/L)	26				120	
DIVALENT IRON (MG/L)	0				0	
HARDNESS AS CaCO3 (MG/L)	27				110	
METHANE (UG/L)	3 J				140	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW301	LS7GW20MW301-F	20MW4	20MW4	LS7GW20MW401	LS7GW20MW401-F
INVESTIGATION:	1997RI	1997RI	AESSI95	AESSI95	1997RI	1997RI
SAMPLE DATE:	11/04/97	11/04/97	04/28/93	04/28/93	10/30/97	10/30/97
LOCATION:	20MW3	20MW3	20MW4	20MW4	20MW4	20MW4
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
NITRATE, AS NITROGEN (MG/L)	0.05 U				0.089 J	
PHOSPHORUS (MG/L)	0.35 J				0.28 J	
SULFATE (MG/L)	28				37	
TOTAL ORGANIC CARBON (MG/L)	4.9 J				5.0 J	
TURBIDITY (NTU)	8.49				1.89	
GENERAL CHEMISTRY						
PH	6.44				6.92	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20GW5	20GW5	LS7GW20MW501	LS7GW20MW501-F	20MW6	20MW6
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/28/93	04/28/93
LOCATION:	20MW5	20MW5	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	1 U				0.6 J	
1,1,2,2-TETRACHLOROETHANE	1 U				1 U	
1,1,2-TRICHLOROETHANE	1 U				1 U	
1,1-DICHLOROETHANE	1 U				1 U	
1,1-DICHLOROETHENE	1 U				1 U	
1,2-DICHLOROETHANE	1 U				1 U	
1,2-DICHLOROETHENE (TOTAL)	1 U				1 U	
1,2-DICHLOROPROPANE	1 U				1 U	
2-BUTANONE	5 U				5 U	
2-HEXANONE	5 U				5 U	
4-METHYL-2-PENTANONE	5 U				5 U	
ACETONE	5 UJ				5 U	
BENZENE	1 U				1 U	
BROMODICHLOROMETHANE	1 U				1 U	
BROMOFORM	1 U				1 U	
BROMOMETHANE	2 U				2 U	
CARBON DISULFIDE	1 U				1 U	
CARBON TETRACHLORIDE	1 U				1 U	
CHLOROBENZENE	1 U				1 U	
CHLOROETHANE	2 U				2 U	
CHLOROFORM	1 U				1 U	
CHLOROMETHANE	2 U				2 U	
CIS-1,3-DICHLOROPROPENE	1 U				1 U	
DIBROMOCHLOROMETHANE	1 U				1 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20GW5	20GW5	LS7GW20MW501	LS7GW20MW501-F	20MW6	20MW6
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/28/93	04/28/93
LOCATION:	20MW5	20MW5	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
ETHYLBENZENE	1 U				1 U	
METHYLENE CHLORIDE	1 UJ				1 U	
STYRENE	1 U				1 U	
TETRACHLOROETHENE	1 U				1 U	
TOLUENE	1 U				1 U	
TRANS-1,3-DICHLOROPROPENE	1 U				1 U	
TRICHLOROETHENE	1 U				0.6 J	
VINYL CHLORIDE	2 U				2 U	
XYLENES, TOTAL	1 U				1 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	11 U		12 U		11 U	
1,2-DICHLOROBENZENE	11 U		12 U		11 U	
1,3-DICHLOROBENZENE	11 U		12 U		11 U	
1,4-DICHLOROBENZENE	11 U		12 U		11 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	11 U		12 U		11 U	
2,4,5-TRICHLOROPHENOL	26 U		30 U		26 U	
2,4,6-TRICHLOROPHENOL	11 U		12 U		11 U	
2,4-DICHLOROPHENOL	11 U		12 U		11 U	
2,4-DIMETHYLPHENOL	11 U		12 U		11 U	
2,4-DINITROPHENOL	26 UJ		30 UJ		26 U	
2,4-DINITROTOLUENE	11 U		12 UJ		11 U	
2,6-DINITROTOLUENE	11 U		12 U		11 U	
2-CHLORONAPHTHALENE	11 U		12 U		11 U	
2-CHLOROPHENOL	11 U		12 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20GW5	20GW5	LS7GW20MW501	LS7GW20MW501-F	20MW6	20MW6
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/28/93	04/28/93
LOCATION:	20MW5	20MW5	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE	11 U		12 U		11 U	
2-METHYLPHENOL	11 U		12 U		11 U	
2-NITROANILINE	26 U		30 U		26 U	
2-NITROPHENOL	11 U		12 U		11 U	
3,3'-DICHLOROBENZIDINE	11 U		12 U		11 U	
3-NITROANILINE	26 R		30 U		26 U	
4,6-DINITRO-2-METHYLPHENOL	26 U		30 U		26 U	
4-BROMOPHENYL PHENYL ETHER	11 U		12 U		11 U	
4-CHLORO-3-METHYLPHENOL	11 U		12 U		11 U	
4-CHLOROANILINE	11 UJ		12 U		11 U	
4-CHLOROPHENYL PHENYL ETHER	11 U		12 U		11 U	
4-METHYLPHENOL	11 U		12 U		11 U	
4-NITROANILINE	26 U		30 UJ		26 U	
4-NITROPHENOL	26 U		30 UJ		26 U	
ACENAPHTHENE	4 J		0.6 J		11 U	
ACENAPHTHYLENE	11 U		12 U		11 U	
ANTHRACENE	11 U		12 U		11 U	
BENZO(A)ANTHRACENE	11 U		12 U		11 U	
BENZO(A)PYRENE			12 U			
BENZO(B)FLUORANTHENE	11 U		12 U		11 U	
BENZO(G,H,I)PERYLENE	11 U		12 U		11 U	
BENZO(K)FLUORANTHENE	11 U		12 U		11 U	
BIS(2-CHLOROETHOXY)METHANE	11 U		12 U		11 U	
BIS(2-CHLOROETHYL)ETHER	11 U		12 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20GW5	20GW5	LS7GW20MW501	LS7GW20MW501-F	20MW6	20MW6
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/28/93	04/28/93
LOCATION:	20MW5	20MW5	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE	11 U		12 U		11 U	
BUTYLBENZYL PHTHALATE	11 U		12 U		11 U	
CARBAZOLE	11 UJ		12 U		11 U	
CHRYSENE	11 U		12 U		11 U	
DI-N-BUTYL PHTHALATE	11 U		12 U		11 U	
DI-N-OCTYL PHTHALATE	11 U		12 UJ		11 U	
DIBENZO(A,H)ANTHRACENE	11 U		12 U		11 U	
DIBENZOFURAN	11 U		12 U		11 U	
DIETHYL PHTHALATE	11 U		12 U		11 U	
DIMETHYL PHTHALATE	11 U		12 U		11 U	
FLUORANTHENE	11 R		12 UJ		11 U	
FLUORENE	2 J		12 U		11 U	
HEXACHLOROBENZENE	11 U		12 U		11 U	
HEXACHLOROBUTADIENE	11 U		12 U		11 U	
HEXACHLOROCYCLOPENTADIENE	11 U		12 UJ		11 U	
HEXACHLOROETHANE	11 U		12 U		11 U	
INDENO(1,2,3-CD)PYRENE	11 U		12 U		11 U	
ISOPHORONE	11 U		12 U		11 U	
N-NITROSO-DI-N-PROPYLAMINE	11 U		12 U		11 U	
N-NITROSODIPHENYLAMINE	11 UJ		12 U		11 U	
NAPHTHALENE	11 U		12 U		11 U	
NITROBENZENE	11 U		12 U		11 U	
PENTACHLOROPHENOL	26 U		30 UJ		26 U	
PHENANTHRENE	1 J		12 U		11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20GW5	20GW5	LS7GW20MW501	LS7GW20MW501-F	20MW6	20MW6
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/28/93	04/28/93
LOCATION:	20MW5	20MW5	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
PHENOL	11 U		12 U		11 U	
PYRENE	11 U		12 U		11 U	
PESTICIDES/PCBs (µg/L)						
4,4'-DDD	0.1 U				0.1 U	
4,4'-DDE	0.1 U				0.1 U	
4,4'-DDT	0.1 U				0.1 U	
ALDRIN	0.05 U				0.052 U	
ALPHA-BHC	0.05 U				0.052 U	
ALPHA-CHLORDANE	0.05 U				0.052 U	
AROCLOR-1016	1 U				1 U	
AROCLOR-1221	2 U				2.1 U	
AROCLOR-1232	1 U				1 U	
AROCLOR-1242	1 U				1 U	
AROCLOR-1248	1 U				1 U	
AROCLOR-1254	1 U				1 U	
AROCLOR-1260	1 U				1 U	
BETA-BHC	0.05 U				0.052 U	
DELTA-BHC	0.05 U				0.052 U	
DIELDRIN	0.1 U				0.1 U	
ENDOSULFAN I	0.05 U				0.052 U	
ENDOSULFAN II	0.1 U				0.1 U	
ENDOSULFAN SULFATE	0.1 U				0.1 U	
ENDRIN	0.1 U				0.1 U	
ENDRIN ALDEHYDE	0.1 U				0.1 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20GW5	20GW5	LS7GW20MW501	LS7GW20MW501-F	20MW6	20MW6
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/28/93	04/28/93
LOCATION:	20MW5	20MW5	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/L)						
ENDRIN KETONE	0.1 U				0.1 U	
GAMMA-BHC (LINDANE)	0.05 U				0.052 U	
GAMMA-CHLORDANE	0.05 U				0.052 U	
HEPTACHLOR	0.05 U				0.052 U	
HEPTACHLOR EPOXIDE	0.05 U				0.052 U	
METHOXYCHLOR	0.5 U				0.52 U	
TOXAPHENE	5 U				5.2 U	
METALS (µg/L)						
ALUMINUM	210 U	163 B	82.9 U	36.5 U	144 U	133 B
ANTIMONY	30 U	30 U	2.5 U	2.5 U	30 U	30 U
ARSENIC	4.5 U	2 U	2.5 U	2.5 U	2.9 U	3.8 BW
BARIUM	398	382	966	1200	58.2 U	58.2 B
BERYLLIUM	1 U	1 U	0.19 U	0.19 U	1 U	1 U
BORON	374 U	316 BE			220 U	241 BE
CADMIUM	2 U	2 U	0.22 U	0.22 U	3.1 U	2 U
CALCIUM	44300 J	42200	53500	52900	30500 J	30000
CHROMIUM	4 U	4 U	3.1 U	3.1 U	4 U	4 U
COBALT	3 U	3 U	2.9 U	2.9 U	3 U	3 U
COPPER	3 U	3 U	1.5 U	1.5 U	24.4 B	21.1 B
CYANIDE	10 U	10 U			10 U	10 U
IRON	68.6 U	28.3 B	375	256 U	44.3 U	80.2 B
LEAD	6 W	1.5 B	7.0	1.3 U	117 J	97.5
MAGNESIUM	9740 J	9350	10000	9830	4030 JB	4000 B
MANGANESE	191 J	174	156 U	152 U	14.8 U	16.9

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SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20GW5	20GW5	LS7GW20MW501	LS7GW20MW501-F	20MW6	20MW6
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/28/93	04/28/93
LOCATION:	20MW5	20MW5	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
MERCURY	0.18 U	0.18 U	0.02 U	0.06 U	0.18 U	0.18 U
NICKEL	9 U	9 U	10.2 J	9.0 U	9 U	13.1 B
POTASSIUM	7870 J	7640	9540	9230	5440 J	5390
SELENIUM	1 U	1 U	1.9 U	1.9 U	1.3 B	1.2 B
SILVER	4 U	4 U	2.8 U	2.8 U	4 U	4 U
SODIUM	31800 J	29800	40700	45800	18700 J	18600
THALLIUM	1 UW	1 U	4.8 U	4.8 U	2.6 U	1.3 BW
VANADIUM	5 U	5 U	2.9 U	2.9 U	5 U	5 U
ZINC	3.3 U	6.4 B	11.0 U	24.1 J	816	780
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1100 U		1000 U		1100 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)			8.1			
REDOX POTENTIAL (MV)			61.9			
SALINITY (PPT)			0.01			
SPECIFIC CONDUCTIVITY (MS/CM)			0.027			
TEMPERATURE (C)			14.8			
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)			170			
AMMONIA, AS NITROGEN (MG/L)			0.61			
CHLORIDE (MG/L)			76			
DIVALENT IRON (MG/L)			0			
HARDNESS AS CaCO3 (MG/L)			170			
METHANE (UG/L)			1900			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20GW5	20GW5	LS7GW20MW501	LS7GW20MW501-F	20MW6	20MW6
INVESTIGATION:	AESSI95	AESSI95	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	04/29/93	04/29/93	10/28/97	10/28/97	04/28/93	04/28/93
LOCATION:	20MW5	20MW5	20MW5	20MW5	20MW6	20MW6
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
NITRATE, AS NITROGEN (MG/L)			0.084 J			
PHOSPHORUS (MG/L)			0.41 J			
SULFATE (MG/L)			1.2 J			
TOTAL ORGANIC CARBON (MG/L)			4.1 J			
TURBIDITY (NTU)			3.6			
GENERAL CHEMISTRY						
PH			6.62			

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW601	GWFD003	GWFD003-F	LS7GW20MW601-F	20GW7	20GW7
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	04/29/93	04/29/93
LOCATION:	20MW6	20MW6	20MW6	20MW6	20MW7	20MW7
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		LS7GW20MW601	LS7GW20MW601-F			
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE					1 U	
1,1,2,2-TETRACHLOROETHANE					1 UJ	
1,1,2-TRICHLOROETHANE					1 UJ	
1,1-DICHLOROETHANE					1 U	
1,1-DICHLOROETHENE					1 U	
1,2-DICHLOROETHANE					1 UJ	
1,2-DICHLOROETHENE (TOTAL)					1 U	
1,2-DICHLOROPROPANE					1 UJ	
2-BUTANONE					5 U	
2-HEXANONE					5 UJ	
4-METHYL-2-PENTANONE					5 UJ	
ACETONE					5 UJ	
BENZENE					1 UJ	
BROMODICHLOROMETHANE					1 UJ	
BROMOFORM					1 UJ	
BROMOMETHANE					2 U	
CARBON DISULFIDE					1 U	
CARBON TETRACHLORIDE					1 U	
CHLOROBENZENE					1 UJ	
CHLOROETHANE					2 U	
CHLOROFORM					1 U	
CHLOROMETHANE					2 U	
CIS-1,3-DICHLOROPROPENE					1 UJ	
DIBROMOCHLOROMETHANE					1 UJ	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW601	GWFD003	GWFD003-F	LS7GW20MW601-F	20GW7	20GW7
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	04/29/93	04/29/93
LOCATION:	20MW6	20MW6	20MW6	20MW6	20MW7	20MW7
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		LS7GW20MW601	LS7GW20MW601-F			
VOLATILES (µg/L)						
ETHYLBENZENE					1 UJ	
METHYLENE CHLORIDE					1 UJ	
STYRENE					1 UJ	
TETRACHLOROETHENE					1 UJ	
TOLUENE					1 UJ	
TRANS-1,3-DICHLOROPROPENE					1 UJ	
TRICHLOROETHENE					1 UJ	
VINYL CHLORIDE					2 U	
XYLENES, TOTAL					1 UJ	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	12 U	11 U			10 U	
1,2-DICHLOROBENZENE	12 U	11 U			10 U	
1,3-DICHLOROBENZENE	12 U	11 U			10 U	
1,4-DICHLOROBENZENE	12 U	11 U			10 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	12 U	11 U			10 U	
2,4,5-TRICHLOROPHENOL	30 U	28 U			26 U	
2,4,6-TRICHLOROPHENOL	12 U	11 U			10 U	
2,4-DICHLOROPHENOL	12 U	11 U			10 U	
2,4-DIMETHYLPHENOL	12 U	11 U			10 U	
2,4-DINITROPHENOL	30 U	28 U			26 UJ	
2,4-DINITROTOLUENE	12 U	11 U			10 U	
2,6-DINITROTOLUENE	12 U	11 U			10 U	
2-CHLORONAPHTHALENE	12 U	11 U			10 U	
2-CHLOROPHENOL	12 U	11 U			10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW601	GWFD003	GWFD003-F	LS7GW20MW601-F	20GW7	20GW7
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	04/29/93	04/29/93
LOCATION:	20MW6	20MW6	20MW6	20MW6	20MW7	20MW7
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		LS7GW20MW601	LS7GW20MW601-F			
SEMIVOLATILES (µg/L)						
2-METHYLNAPHTHALENE	12 U	11 U			3 J	
2-METHYLPHENOL	12 U	11 U			10 U	
2-NITROANILINE	30 U	28 U			26 U	
2-NITROPHENOL	12 U	11 U			10 U	
3,3'-DICHLOROBENZIDINE	12 U	11 U			10 U	
3-NITROANILINE	30 U	28 U			26 R	
4,6-DINITRO-2-METHYLPHENOL	30 U	28 U			26 U	
4-BROMOPHENYL PHENYL ETHER	12 U	11 U			10 U	
4-CHLORO-3-METHYLPHENOL	12 U	11 U			10 U	
4-CHLOROANILINE	12 U	11 U			10 UJ	
4-CHLOROPHENYL PHENYL ETHER	12 U	11 U			10 U	
4-METHYLPHENOL	12 U	11 U			10 U	
4-NITROANILINE	30 U	28 U			26 U	
4-NITROPHENOL	30 U	28 U			26 U	
ACENAPHTHENE	12 U	11 U			2 J	
ACENAPHTHYLENE	12 U	11 U			10 U	
ANTHRACENE	12 U	11 U			10 U	
BENZO(A)ANTHRACENE	12 U	11 U			10 U	
BENZO(A)PYRENE	12 U	11 U				
BENZO(B)FLUORANTHENE	12 U	11 U			10 U	
BENZO(G,H,I)PERYLENE	12 U	11 U			10 U	
BENZO(K)FLUORANTHENE	12 U	11 U			10 U	
BIS(2-CHLOROETHOXY)METHANE	12 U	11 U			10 U	
BIS(2-CHLOROETHYL)ETHER	12 U	11 U			10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW601	GWFD003	GWFD003-F	LS7GW20MW601-F	20GW7	20GW7
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	04/29/93	04/29/93
LOCATION:	20MW6	20MW6	20MW6	20MW6	20MW7	20MW7
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		LS7GW20MW601	LS7GW20MW601-F			
SEMIVOLATILES (µg/L)						
BIS(2-ETHYLHEXYL)PHTHALATE	12 U	22 U			10 U	
BUTYLBENZYL PHTHALATE	12 U	11 U			10 U	
CARBAZOLE	12 U	11 U			10 UJ	
CHRYSENE	12 U	11 U			10 U	
DI-N-BUTYL PHTHALATE	12 U	11 U			10 U	
DI-N-OCTYL PHTHALATE	12 U	11 U			10 U	
DIBENZO(A,H)ANTHRACENE	12 U	11 U			10 U	
DIBENZOFURAN	12 U	11 U			10 U	
DIETHYL PHTHALATE	12 U	11 U			10 U	
DIMETHYL PHTHALATE	12 U	11 U			10 U	
FLUORANTHENE	12 U	11 U			10 U	
FLUORENE	12 U	11 U			10 U	
HEXACHLOROBENZENE	12 U	11 U			10 U	
HEXACHLOROBUTADIENE	12 U	11 U			10 U	
HEXACHLOROCYCLOPENTADIENE	12 U	11 U			10 U	
HEXACHLOROETHANE	12 U	11 U			10 U	
INDENO(1,2,3-CD)PYRENE	12 U	11 U			10 U	
ISOPHORONE	12 U	11 U			10 U	
N-NITROSO-DI-N-PROPYLAMINE	12 U	11 U			10 U	
N-NITROSODIPHENYLAMINE	12 U	11 U			10 UJ	
NAPHTHALENE	12 U	11 U			10 U	
NITROBENZENE	12 U	11 U			10 U	
PENTACHLOROPHENOL	30 U	28 U			26 U	
PHENANTHRENE	12 U	11 U			10 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW601	GWFD003	GWFD003-F	LS7GW20MW601-F	20GW7	20GW7
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	04/29/93	04/29/93
LOCATION:	20MW6	20MW6	20MW6	20MW6	20MW7	20MW7
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		LS7GW20MW601	LS7GW20MW601-F			
SEMIVOLATILES (µg/L)						
PHENOL	12 U	11 U			10 U	
PYRENE	12 U	11 U			10 U	
PESTICIDES/PCBs (µg/L)						
4,4'-DDD					0.11 U	
4,4'-DDE					0.11 U	
4,4'-DDT					0.11 U	
ALDRIN					0.054 U	
ALPHA-BHC					0.054 U	
ALPHA-CHLORDANE					0.054 U	
AROCLOR-1016					1.1 U	
AROCLOR-1221					2.2 U	
AROCLOR-1232					1.1 U	
AROCLOR-1242					1.1 U	
AROCLOR-1248					1.1 U	
AROCLOR-1254					1.1 U	
AROCLOR-1260					1.1 U	
BETA-BHC					0.054 U	
DELTA-BHC					0.054 U	
DIELDRIN					0.11 U	
ENDOSULFAN I					0.054 U	
ENDOSULFAN II					0.11 U	
ENDOSULFAN SULFATE					0.11 U	
ENDRIN					0.11 U	
ENDRIN ALDEHYDE					0.11 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW601	GWFD003	GWFD003-F	LS7GW20MW601-F	20GW7	20GW7
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	04/29/93	04/29/93
LOCATION:	20MW6	20MW6	20MW6	20MW6	20MW7	20MW7
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		LS7GW20MW601	LS7GW20MW601-F			
PESTICIDES/PCBs (µg/L)						
ENDRIN KETONE					0.11 U	
GAMMA-BHC (LINDANE)					0.054 U	
GAMMA-CHLORDANE					0.054 U	
HEPTACHLOR					0.054 U	
HEPTACHLOR EPOXIDE					0.054 U	
METHOXYCHLOR					0.54 U	
TOXAPHENE					5.4 U	
METALS (µg/L)						
ALUMINUM	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	215 U	149 U
ANTIMONY	9.3	15.7	4.8 J	4.5 J	30 UJ	30 UJ
ARSENIC	3.5 J	8.9	2.5 U	2.5 U	3.9 U	4.9 U
BARIUM	82.2	78.4	277	196	71.6 U	72.8 U
BERYLLIUM	0.44 U	0.33 U	0.45 U	0.45 U	1 UJ	1 UJ
BORON					353 U	261 U
CADMIUM	0.63 U	1.0 U	0.43 U	0.49 U	2 UJ	2 UJ
CALCIUM	35800	37000	34200	33700	89200 J	92300 J
CHROMIUM	0.90 U	1.5 U	0.68 U	0.68 U	4 UJ	4 UJ
COBALT	1.1 J	1.7	0.80 U	0.80 U	3 UJ	3 UJ
COPPER	11.4 U	10.7 U	6.9 U	7.8 U	3 UJ	3 UJ
CYANIDE					10 UJ	10 UJ
IRON	1190	1220	913 J	877 J	1600 J	1550 J
LEAD	89.3	97.3	25.6 J	17.0 J	1.9 U	1.6 U
MAGNESIUM	6480	6370	6250	6120	14100 J	14500 J
MANGANESE	188	187	174	159	461 J	444 J

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW601	GWFD003	GWFD003-F	LS7GW20MW601-F	20GW7	20GW7
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	04/29/93	04/29/93
LOCATION:	20MW6	20MW6	20MW6	20MW6	20MW7	20MW7
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		LS7GW20MW601	LS7GW20MW601-F			
METALS (µg/L)						
MERCURY	0.01 UJ	0.02 U	0.01 UJ	0.02 U	0.18 UJ	0.18 UJ
NICKEL	8.2	8.4	7.2	7.7	9 UJ	9 UJ
POTASSIUM	6650	6430	6520	6370	11100 J	11500 J
SELENIUM	7.7 J	33.6 J	1.9 U	1.9 U	1 UJ	1 UJ
SILVER	1.1 U	1.1 U	1.1 U	1.1 U	4 UJ	4 UJ
SODIUM	35000	34300	36100	38000	45200 J	46700 J
THALLIUM	4.8 U	24.2 U	4.8 U	4.8 U	1 UJ	1 UJ
VANADIUM	0.55 U	0.74 U	0.55 U	0.64 U	5 UJ	5 UJ
ZINC	351	337	366	378	3.6 U	6.8 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1100 U	1200 U			1100 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	2.18					
REDOX POTENTIAL (MV)	-45.9					
SALINITY (PPT)	0.19					
SPECIFIC CONDUCTIVITY (MS/CM)	0.396					
TEMPERATURE (C)	16.9					
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	69	69				
AMMONIA, AS NITROGEN (MG/L)	0.10 U	0.10 U				
CHLORIDE (MG/L)	74	74				
DIVALENT IRON (MG/L)	1					
HARDNESS AS CaCO3 (MG/L)	110	110				
METHANE (UG/L)	350	340				

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW601	GWFD003	GWFD003-F	LS7GW20MW601-F	20GW7	20GW7
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	AESSI95	AESSI95
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	04/29/93	04/29/93
LOCATION:	20MW6	20MW6	20MW6	20MW6	20MW7	20MW7
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:		LS7GW20MW601	LS7GW20MW601-F			
MISCELLANEOUS PARAMETERS						
NITRATE, AS NITROGEN (MG/L)	0.45	0.44				
PHOSPHORUS (MG/L)	0.15 J	0.20 J				
SULFATE (MG/L)	24	24				
TOTAL ORGANIC CARBON (MG/L)	1.6 J	2.5 J				
TURBIDITY (NTU)	4.37					
GENERAL CHEMISTRY						
PH	6.62					

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW701	LS7GW20MW701-F	LS7GW00301	LS7GW00301-F	LS7GW00401	LS7GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	10/29/97	10/29/97
LOCATION:	20MW7	20MW7	MW1-7RI	MW1-7RI	MW2-7RI	MW2-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	12 UJ		12 U		13 U	
1,2-DICHLOROBENZENE	12 UJ		12 U		13 U	
1,3-DICHLOROBENZENE	12 UJ		12 U		13 U	
1,4-DICHLOROBENZENE	12 UJ		12 U		13 U	
2,2'-OXYBIS(1-CHLOROPROPANE)	12 UJ		12 U		13 U	
2,4,5-TRICHLOROPHENOL	30 UJ		30 U		33 U	
2,4,6-TRICHLOROPHENOL	12 UJ		12 U		13 U	
2,4-DICHLOROPHENOL	12 UJ		12 U		13 U	
2,4-DIMETHYLPHENOL	12 UJ		12 U		13 U	
2,4-DINITROPHENOL	30 UJ		30 U		33 UJ	
2,4-DINITROTOLUENE	12 UJ		12 U		13 UJ	
2,6-DINITROTOLUENE	12 UJ		12 U		13 U	
2-CHLORONAPHTHALENE	12 UJ		12 U		13 U	
2-CHLOROPHENOL	12 UJ		12 U		13 U	
2-METHYLNAPHTHALENE	1 J		12 U		13 U	
2-METHYLPHENOL	12 UJ		12 U		13 U	
2-NITROANILINE	30 UJ		30 U		33 U	
2-NITROPHENOL	12 UJ		12 U		13 U	
3,3'-DICHLOROBENZIDINE	12 UJ		12 U		13 UJ	
3-NITROANILINE	30 UJ		30 U		33 UJ	
4,6-DINITRO-2-METHYLPHENOL	30 UJ		30 U		33 U	
4-BROMOPHENYL PHENYL ETHER	12 UJ		12 U		13 U	
4-CHLORO-3-METHYLPHENOL	12 UJ		12 U		13 U	
4-CHLOROANILINE	12 UJ		12 U		13 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW701	LS7GW20MW701-F	LS7GW00301	LS7GW00301-F	LS7GW00401	LS7GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	10/29/97	10/29/97
LOCATION:	20MW7	20MW7	MW1-7RI	MW1-7RI	MW2-7RI	MW2-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
4-CHLOROPHENYL PHENYL ETHER	12 UJ		12 U		13 U	
4-METHYLPHENOL	12 UJ		12 U		13 U	
4-NITROANILINE	30 UJ		30 U		33 UJ	
4-NITROPHENOL	30 UJ		30 U		33 UJ	
ACENAPHTHENE	3 J		12 U		1 J	
ACENAPHTHYLENE	12 UJ		12 U		13 U	
ANTHRACENE	12 UJ		12 U		2 J	
BENZO(A)ANTHRACENE	12 UJ		12 U		13 U	
BENZO(A)PYRENE	12 UJ		12 U		13 U	
BENZO(B)FLUORANTHENE	12 UJ		12 U		13 U	
BENZO(G,H,I)PERYLENE	12 UJ		12 U		13 U	
BENZO(K)FLUORANTHENE	12 UJ		12 U		13 UJ	
BIS(2-CHLOROETHOXY)METHANE	12 UJ		12 U		13 U	
BIS(2-CHLOROETHYL)ETHER	12 UJ		12 U		13 U	
BIS(2-ETHYLHEXYL)PHTHALATE	12 U		12 U		13 U	
BUTYLBENZYL PHTHALATE	12 UJ		12 U		13 U	
CARBAZOLE	12 UJ		12 U		1 J	
CHRYSENE	12 UJ		12 U		0.9 J	
DI-N-BUTYL PHTHALATE	12 UJ		12 U		13 U	
DI-N-OCTYL PHTHALATE	12 UJ		12 U		13 UJ	
DIBENZO(A,H)ANTHRACENE	12 UJ		12 U		13 U	
DIBENZOFURAN	12 UJ		12 U		1 J	
DIETHYL PHTHALATE	12 UJ		12 U		13 U	
DIMETHYL PHTHALATE	12 UJ		12 U		13 U	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW701	LS7GW20MW701-F	LS7GW00301	LS7GW00301-F	LS7GW00401	LS7GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	10/29/97	10/29/97
LOCATION:	20MW7	20MW7	MW1-7RI	MW1-7RI	MW2-7RI	MW2-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
FLUORANTHENE	12 UJ		12 U		5 J	
FLUORENE	3 J		12 U		3 J	
HEXACHLOROBENZENE	12 UJ		12 U		13 U	
HEXACHLOROBUTADIENE	12 UJ		12 U		13 U	
HEXACHLOROCYCLOPENTADIENE	12 UJ		12 U		13 U	
HEXACHLOROETHANE	12 UJ		12 U		13 U	
INDENO(1,2,3-CD)PYRENE	12 UJ		12 U		13 U	
ISOPHORONE	12 UJ		12 U		13 U	
N-NITROSO-DI-N-PROPYLAMINE	12 UJ		12 U		13 U	
N-NITROSODIPHENYLAMINE	12 UJ		12 U		13 U	
NAPHTHALENE	12 UJ		12 U		0.7 J	
NITROBENZENE	12 UJ		12 U		13 U	
PENTACHLOROPHENOL	30 UJ		30 U		33 UJ	
PHENANTHRENE	12 UJ		12 U		9 J	
PHENOL	12 UJ		12 U		13 U	
PYRENE	12 UJ		12 U		5 J	
METALS (µg/L)						
ALUMINUM	10.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ	225 U	169 U
ANTIMONY	12.2	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ARSENIC	18.8	20.0	7.9	9.1	2.5 U	2.5 U
BARIUM	32.3	31.4	12.5	282	10.0	294
BERYLLIUM	0.22 U	0.54 U	0.46 U	0.51 U	0.19 U	0.19 U
CADMIUM	1.1 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
CALCIUM	57800	48300	5770	6600	16800	17000

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW701	LS7GW20MW701-F	LS7GW00301	LS7GW00301-F	LS7GW00401	LS7GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	10/29/97	10/29/97
LOCATION:	20MW7	20MW7	MW1-7RI	MW1-7RI	MW2-7RI	MW2-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
CHROMIUM	0.68 U	0.68 U	0.68 U	0.68 U	3.1 U	3.1 U
COBALT	0.80 U	0.83 J	0.80 U	0.80 U	2.9 U	2.9 U
COPPER	2.4 U	2.7 U	2.4 U	3.0 U	1.5 U	1.5 U
IRON	1350	1060 J	538	575 J	62.0 U	55.9 U
LEAD	11.0	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
MAGNESIUM	7630	6960	1680	1910	1280	1390
MANGANESE	129	114	168	191	11.9 U	11.4 U
MERCURY	0.02 U	0.01 UJ	0.01 UJ	0.01 UJ	0.04 U	0.01 U
NICKEL	0.75 U	0.75 U	0.75 U	0.93 J	9.0 U	9.0 U
POTASSIUM	10800	10300	4240	4250	3780	4000
SELENIUM	56.1 J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
SILVER	1.1 U	1.1 U	1.1 U	1.1 U	2.8 U	2.8 U
SODIUM	47000	44800	39400	47200	26700	35300
THALLIUM	24.2 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U
VANADIUM	1.0 U	0.63 U	0.55 U	1.1 U	2.9 U	2.9 U
ZINC	14.4 U	10.4 U	4.7 U	41.2	4.2 U	15.5 U
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1200 U		1100 U		1100 U	
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	2.64		1.01		0.46	
REDOX POTENTIAL (MV)	-238		-151.1		-274.9	
SALINITY (PPT)	0.25		0.11		0.12	
SPECIFIC CONDUCTIVITY (MS/CM)	0.51		0.23		0.278	
TEMPERATURE (C)	18.33		21.79		55.07	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW20MW701	LS7GW20MW701-F	LS7GW00301	LS7GW00301-F	LS7GW00401	LS7GW00401-F
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/31/97	10/31/97	10/31/97	10/31/97	10/29/97	10/29/97
LOCATION:	20MW7	20MW7	MW1-7RI	MW1-7RI	MW2-7RI	MW2-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	160		68		42	
AMMONIA, AS NITROGEN (MG/L)	0.80 J		0.15 J		0.58	
CHLORIDE (MG/L)	77		39		51	
DIVALENT IRON (MG/L)	0.9		0.6		0	
HARDNESS AS CaCO3 (MG/L)	150		29		45	
METHANE (UG/L)	4600		1800		79	
NITRATE, AS NITROGEN (MG/L)	0.05 U		0.05 U		0.050 UJ	
PHOSPHORUS (MG/L)	0.51 J		0.45 J		0.49 J	
SULFATE (MG/L)	1.0 U		2.0		22	
TOTAL ORGANIC CARBON (MG/L)	6.2 J		4.6 J		16 J	
TURBIDITY (NTU)	1.59		5.6		1.84	
GENERAL CHEMISTRY						
PH	7.76		7.26		7.72	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW00701	LS7GW00701-F	LS7GW00901	LS7GW00901-F	LS7GW001001	GWFD001
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97
LOCATION:	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI	MW5-7RI	MW5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						LS7GW001001
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	12 U		12 U		12 U	13 U
1,2-DICHLOROBENZENE	12 U		12 U		12 U	13 U
1,3-DICHLOROBENZENE	12 U		12 U		12 U	13 U
1,4-DICHLOROBENZENE	12 U		12 U		12 U	13 U
2,2'-OXYBIS(1-CHLOROPROPANE)	12 U		12 U		12 U	13 U
2,4,5-TRICHLOROPHENOL	30 U		30 U		30 U	33 U
2,4,6-TRICHLOROPHENOL	12 U		12 U		12 U	13 U
2,4-DICHLOROPHENOL	12 U		12 U		12 U	13 U
2,4-DIMETHYLPHENOL	12 U		12 U		12 U	13 U
2,4-DINITROPHENOL	30 UJ		30 UJ		30 UJ	33 UJ
2,4-DINITROTOLUENE	12 UJ		12 UJ		12 UJ	13 UJ
2,6-DINITROTOLUENE	12 U		12 U		12 U	13 U
2-CHLORONAPHTHALENE	12 U		12 U		12 U	13 U
2-CHLOROPHENOL	12 U		12 U		12 U	13 U
2-METHYLNAPHTHALENE	12 U		12 U		12 U	13 U
2-METHYLPHENOL	12 U		12 U		12 U	13 U
2-NITROANILINE	30 U		30 U		30 U	33 U
2-NITROPHENOL	12 U		12 U		12 U	13 U
3,3'-DICHLOROBENZIDINE	12 UJ		12 UJ		12 UJ	13 U
3-NITROANILINE	30 UJ		30 UJ		30 UJ	33 U
4,6-DINITRO-2-METHYLPHENOL	30 U		30 U		30 U	33 U
4-BROMOPHENYL PHENYL ETHER	12 U		12 U		12 U	13 U
4-CHLORO-3-METHYLPHENOL	12 U		12 U		12 U	13 U
4-CHLOROANILINE	12 U		12 U		12 U	13 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW00701	LS7GW00701-F	LS7GW00901	LS7GW00901-F	LS7GW001001	GWFD001
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97
LOCATION:	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI	MW5-7RI	MW5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						LS7GW001001
SEMIVOLATILES (µg/L)						
4-CHLOROPHENYL PHENYL ETHER	12 U		12 U		12 U	13 U
4-METHYLPHENOL	12 U		12 U		12 U	13 U
4-NITROANILINE	30 UJ		30 UJ		30 UJ	33 UJ
4-NITROPHENOL	30 UJ		30 UJ		30 UJ	33 UJ
ACENAPHTHENE	0.8 J		12 U		12 U	13 U
ACENAPHTHYLENE	12 U		12 U		12 U	13 U
ANTHRACENE	12 U		12 U		12 U	13 U
BENZO(A)ANTHRACENE	12 U		12 U		12 U	13 U
BENZO(A)PYRENE	12 U		12 U		12 U	13 U
BENZO(B)FLUORANTHENE	12 U		12 U		12 U	13 U
BENZO(G,H,I)PERYLENE	12 U		12 U		12 U	13 U
BENZO(K)FLUORANTHENE	12 UJ		12 UJ		12 UJ	13 U
BIS(2-CHLOROETHOXY)METHANE	12 U		12 U		12 U	13 U
BIS(2-CHLOROETHYL)ETHER	12 U		12 U		12 U	13 U
BIS(2-ETHYLHEXYL)PHTHALATE	71 U		12 U		12 U	13 U
BUTYLBENZYL PHTHALATE	12 U		12 U		12 U	13 U
CARBAZOLE	12 U		12 U		12 U	13 U
CHRYSENE	12 U		12 U		12 U	13 U
DI-N-BUTYL PHTHALATE	12 U		12 U		12 U	13 U
DI-N-OCTYL PHTHALATE	12 UJ		12 UJ		12 UJ	13 UJ
DIBENZO(A,H)ANTHRACENE	12 U		12 U		12 U	13 U
DIBENZOFURAN	12 U		12 U		12 U	13 U
DIETHYL PHTHALATE	12 U		12 U		12 U	13 U
DIMETHYL PHTHALATE	12 U		12 U		12 U	13 U

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW00701	LS7GW00701-F	LS7GW00901	LS7GW00901-F	LS7GW001001	GWFD001
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97
LOCATION:	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI	MW5-7RI	MW5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						LS7GW001001
SEMIVOLATILES (µg/L)						
FLUORANTHENE	12 UJ		12 UJ		12 UJ	13 UJ
FLUORENE	12 U		12 U		12 U	13 U
HEXACHLOROBENZENE	12 U		12 U		12 U	13 U
HEXACHLOROBUTADIENE	12 U		12 U		12 U	13 U
HEXACHLOROCYCLOPENTADIENE	12 U		12 U		12 U	13 UJ
HEXACHLOROETHANE	12 U		12 U		12 U	13 U
INDENO(1,2,3-CD)PYRENE	12 U		12 U		12 U	13 U
ISOPHORONE	12 U		12 U		12 U	13 U
N-NITROSO-DI-N-PROPYLAMINE	12 U		12 U		12 U	13 U
N-NITROSODIPHENYLAMINE	12 U		12 U		12 U	13 U
NAPHTHALENE	12 U		12 U		12 U	13 U
NITROBENZENE	12 U		12 U		12 U	13 U
PENTACHLOROPHENOL	30 UJ		30 UJ		30 UJ	33 UJ
PHENANTHRENE	12 U		12 U		12 U	13 U
PHENOL	12 U		12 U		12 U	13 U
PYRENE	12 U		12 U		12 U	13 U
METALS (µg/L)						
ALUMINUM	19.4 U	12.9 U	18.2 U	18.0 U	10.0 UJ	16.5 U
ANTIMONY	2.5 U	2.5 U	2.5 U	2.5 U	9.8	10.1
ARSENIC	2.5 U	2.5 U	11.0	8.9	9.5	9.6
BARIUM	42.5	359	58.2	365	149	154
BERYLLIUM	0.19 U	0.19 U	0.19 U	0.19 U	0.11 UJ	0.11 UJ
CADMIUM	0.22 U	0.22 U	0.22 U	0.22 U	0.23 U	0.22 U
CALCIUM	23100	23500	45200	39400	37600	37300

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW00701	LS7GW00701-F	LS7GW00901	LS7GW00901-F	LS7GW001001	GWFD001
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97
LOCATION:	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI	MW5-7RI	MW5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						LS7GW001001
METALS (µg/L)						
CHROMIUM	3.1 U	3.1 U	3.1 U	3.1 U	0.68 U	0.68 U
COBALT	2.9 U	2.9 U	2.9 U	2.9 U	1.1 J	0.82 J
COPPER	1.5 U	1.5 U	1.5 U	1.5 U	2.1 U	1.6 U
IRON	420	327	9100	8720	22600	21900
LEAD	1.3 U	1.3 U	1.3 U	1.3 U	9.9	9.4
MAGNESIUM	8500	8290	12300	11100	5400	5330
MANGANESE	673	599	862	812	632	617
MERCURY	0.04 U	0.04 U	0.01 U	0.05 U	0.03 U	0.04 U
NICKEL	9.0 U	9.0 U	9.0 U	9.0 U	13.2	13.2
POTASSIUM	9270	9160	14500	13000	20200	20000
SELENIUM	1.9 U	1.9 U	1.9 U	1.9 U	3.1 U	1.9 U
SILVER	2.8 U	2.8 U	2.8 U	2.8 U	1.1 U	1.1 U
SODIUM	119000	119000	65200	61200	79200	78700
THALLIUM	4.8 U	4.8 U	4.8 U	4.8 U	6.5 U	4.8 U
VANADIUM	2.9 U	2.9 U	2.9 U	2.9 U	0.55 U	0.55 U
ZINC	5.8 U	102 J	6.0 U	89.4 J	315	313
PETROLEUM HYDROCARBONS (µg/L)						
TPH	1100 U		1100 U		1100 U	1100 U
WATER QUALITY PARAMETERS						
DISSOLVED OXYGEN (MG/L)	1.89		0.54		2.16	
REDOX POTENTIAL (MV)	-62.6		-172.2		-93.3	
SALINITY (PPT)	0.39		0.31		0.33	
SPECIFIC CONDUCTIVITY (MS/CM)	0.785		0.642		0.683	
TEMPERATURE (C)	18.8		18.24		18.81	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW00701	LS7GW00701-F	LS7GW00901	LS7GW00901-F	LS7GW001001	GWFD001
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97
LOCATION:	MW3-7RI	MW3-7RI	MW4-7RI	MW4-7RI	MW5-7RI	MW5-7RI
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						LS7GW001001
MISCELLANEOUS PARAMETERS						
ALKALINITY AS CACO3 (MG/L)	160		220		83	85
AMMONIA, AS NITROGEN (MG/L)	0.10 U		1.6		0.43	0.54
CHLORIDE (MG/L)	190		78		140	140
DIVALENT IRON (MG/L)	0		0		6	7
HARDNESS AS CaCO3 (MG/L)	79		150		120	110
METHANE (UG/L)	86		630		350	320
NITRATE, AS NITROGEN (MG/L)	0.44 J		0.050 UJ		0.10	0.050 U
PHOSPHORUS (MG/L)	0.28 J		0.39 J		0.33 J	0.35 J
SULFATE (MG/L)	11		3.5		51	51
TOTAL ORGANIC CARBON (MG/L)	4.6 J		8.5 J		6.2 J	3.3 J
TURBIDITY (NTU)	1.45		1.63		1.4	
GENERAL CHEMISTRY						
PH	7.02		6.77		6.3	

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7GW001001-F	GWFD001-F	/ /	/ /	/ /	/ /
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	10/29/97	10/29/97				
LOCATION:	MW5-7RI	MW5-7RI				
VALIDATED:	VALIDATED	VALIDATED				
FILTERING:	Filtered	Filtered				
FIELD DUPLICATE OF:		LS7GW001001-F				
METALS (µg/L)						
ALUMINUM	10.0 UJ	10.0 UJ				
ANTIMONY	9.9	10.7				
ARSENIC	9.5	10.0				
BARIUM	183	484				
BERYLLIUM	0.11 UJ	0.11 UJ				
CADMIUM	0.27 U	0.35 U				
CALCIUM	33500	36600				
CHROMIUM	0.76 U	0.68 U				
COBALT	0.98 J	0.80 U				
COPPER	2.6 U	2.8 U				
IRON	19000	20100				
LEAD	1.3 U	1.3 U				
MAGNESIUM	4940	5360				
MANGANESE	520	586				
MERCURY	0.04 U	0.04 U				
NICKEL	11.1	16.1				
POTASSIUM	18500	19200				
SELENIUM	1.9 U	1.9 U				
SILVER	1.1 U	1.1 U				
SODIUM	75900	83900				
THALLIUM	4.8 U	4.8 U				
VANADIUM	0.55 U	0.55 U				
ZINC	282 J	495 J				

APPENDIX H.3

SURFACE WATER DATABASE

H.3.1 THAMES RIVER
H.3.2 STORM SEWERS

APPENDIX H.3.1

THAMES RIVER

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	6SW1B	6SW1B-DISS	6SW1S	6SW1S-DISS	8SW1B	8SW1B-DISS
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	6SW1	6SW1	6SW1	6SW1	8SW1	8SW1
VALIDATED:	VALIDATED		VALIDATED		VALIDATED	
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U		10 U		10 U	
1,1,2,2-TETRACHLOROETHANE	10 U		10 U		10 U	
1,1,2-TRICHLOROETHANE	10 U		10 U		10 U	
1,1-DICHLOROETHANE	10 U		10 U		10 U	
1,1-DICHLOROETHENE	10 U		10 U		10 U	
1,2-DICHLOROETHANE	10 U		10 U		10 U	
1,2-DICHLOROETHENE (TOTAL)	10 U		10 U		10 U	
1,2-DICHLOROPROPANE	10 U		10 U		10 U	
2-BUTANONE	10 U		10 U		10 U	
2-HEXANONE	10 U		10 U		10 U	
4-METHYL-2-PENTANONE	10 U		10 U		10 U	
ACETONE	10 U		10 U		10 U	
BENZENE	10 U		10 U		10 U	
BIS(2-CHLOROETHOXY)METHANE	10 U		10 U		10 U	
BROMODICHLOROMETHANE	10 U		10 U		10 U	
BROMOFORM	10 U		10 U		10 U	
BROMOMETHANE	10 U		10 U		10 U	
CARBON DISULFIDE	10 U		10 U		10 U	
CARBON TETRACHLORIDE	10 U		10 U		10 U	
CHLOROBENZENE	10 U		10 U		10 U	
CHLOROETHANE	10 U		10 U		10 U	
CHLOROFORM	10 U		10 U		10 U	
CHLOROMETHANE	10 U		10 U		10 U	
CIS-1,3-DICHLOROPROPENE	10 U		10 U		10 U	

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	6SW1B	6SW1B-DISS	6SW1S	6SW1S-DISS	8SW1B	8SW1B-DISS
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	6SW1	6SW1	6SW1	6SW1	8SW1	8SW1
VALIDATED:	VALIDATED		VALIDATED		VALIDATED	
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
DIBROMOCHLOROMETHANE	10 U		10 U		10 U	
ETHYLBENZENE	10 U		10 U		10 U	
METHYLENE CHLORIDE	10 U		10 U		10 U	
STYRENE	10 U		10 U		10 U	
TETRACHLOROETHENE	10 U		10 U		10 U	
TOLUENE	10 U		10 U		10 U	
TRANS-1,3-DICHLOROPROPENE	10 U		10 U		10 U	
TRICHLOROETHENE	10 U		3 J		10 U	
VINYL ACETATE	10 U		10 U		10 U	
VINYL CHLORIDE	10 U		10 U		10 U	
XYLENES, TOTAL	10 U		10 U		10 U	
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U		10 U		10 U	
1,2-DICHLOROBENZENE	10 U		10 U		10 U	
1,3-DICHLOROBENZENE	10 U		10 U		10 U	
1,4-DICHLOROBENZENE	10 U		10 U		10 U	
2,4,5-TRICHLOROPHENOL	25 U		25 U		25 U	
2,4,6-TRICHLOROPHENOL	10 U		10 U		10 U	
2,4-DICHLOROPHENOL	10 U		10 U		10 U	
2,4-DIMETHYLPHENOL	10 U		10 U		10 U	
2,4-DINITROPHENOL	25 U		25 U		25 U	
2,4-DINITROTOLUENE	10 U		10 U		10 U	
2,6-DINITROTOLUENE	10 U		10 U		10 U	
2-CHLORONAPHTHALENE	10 U		10 U		10 U	

20002

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	6SW1B	6SW1B-DISS	6SW1S	6SW1S-DISS	8SW1B	8SW1B-DISS
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	6SW1	6SW1	6SW1	6SW1	8SW1	8SW1
VALIDATED:	VALIDATED		VALIDATED		VALIDATED	
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U		10 U		10 U	
2-METHYLNAPHTHALENE	10 U		10 U		10 U	
2-METHYLPHENOL	10 U		10 U		10 U	
2-NITROANILINE	25 U		25 U		25 U	
2-NITROPHENOL	10 U		10 U		10 U	
3,3'-DICHLOROBENZIDINE	10 U		10 U		10 U	
3-NITROANILINE	25 U		25 U		25 U	
4,6-DINITRO-2-METHYLPHENOL	25 U		25 U		25 U	
4-BROMOPHENYL PHENYL ETHER	10 U		10 U		10 U	
4-CHLORO-3-METHYLPHENOL	10 U		10 U		10 U	
4-CHLOROANILINE	10 U		10 U		10 U	
4-CHLOROPHENYL PHENYL ETHER	10 U		10 U		10 U	
4-METHYLPHENOL	10 U		10 U		10 U	
4-NITROANILINE	25 U		25 U		25 U	
4-NITROPHENOL	25 U		25 U		25 U	
ACENAPHTHENE	10 U		10 U		10 U	
ACENAPHTHYLENE	10 U		10 U		10 U	
ANTHRACENE	10 U		10 U		10 U	
BENZO(A)ANTHRACENE	10 U		10 U		10 U	
BENZO(A)PYRENE	10 U		10 U		10 U	
BENZO(B)FLUORANTHENE	10 U		10 U		10 U	
BENZO(G,H,I)PERYLENE	10 U		10 U		10 U	
BENZO(K)FLUORANTHENE	10 U		10 U		10 U	
BENZOIC ACID	10 U		10 U		10 U	

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	6SW1B	6SW1B-DISS	6SW1S	6SW1S-DISS	8SW1B	8SW1B-DISS
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	6SW1	6SW1	6SW1	6SW1	8SW1	8SW1
VALIDATED:	VALIDATED		VALIDATED		VALIDATED	
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U		10 U		10 U	
BIS(2-CHLOROETHYL)ETHER	10 U		10 U		10 U	
BIS(2-CHLOROISOPROPYL) ETHER	10 U		10 U		10 U	
BIS(2-ETHYLHEXYL)PHTHALATE	10 U		10 U		10 U	
BUTYLBENZYL PHTHALATE	10 U		0.5 J		10 U	
CARBAZOLE	10 U		10 U		10 U	
CHRYSENE	10 U		10 U		10 U	
DI-N-BUTYL PHTHALATE	10 U		10 U		10 U	
DI-N-OCTYL PHTHALATE	10 U		10 U		10 U	
DIBENZO(A,H)ANTHRACENE	10 U		10 U		10 U	
DIBENZOFURAN	10 U		10 U		10 U	
DIETHYL PHTHALATE	10 U		10 U		10 U	
DIMETHYL PHTHALATE	10 U		10 U		10 U	
FLUORANTHENE	10 U		10 U		10 U	
FLUORENE	10 U		10 U		10 U	
HEXACHLOROBENZENE	10 U		10 U		10 U	
HEXACHLOROBUTADIENE	10 U		10 U		10 U	
HEXACHLOROCYCLOPENTADIENE	10 U		10 U		10 U	
HEXACHLOROETHANE	10 U		10 U		10 U	
INDENO(1,2,3-CD)PYRENE	10 U		10 U		10 U	
ISOPHORONE	10 U		10 U		10 U	
N-NITROSO-DI-N-PROPYLAMINE	10 U		10 U		10 U	
N-NITROSODIPHENYLAMINE	10 U		10 U		10 U	
NAPHTHALENE	10 U		10 U		10 U	

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	6SW1B	6SW1B-DISS	6SW1S	6SW1S-DISS	8SW1B	8SW1B-DISS
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	6SW1	6SW1	6SW1	6SW1	8SW1	8SW1
VALIDATED:	VALIDATED		VALIDATED		VALIDATED	
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NITROBENZENE	10 U		10 U		10 U	
PENTACHLOROPHENOL	25 U		25 U		25 U	
PHENANTHRENE	10 U		10 U		10 U	
PHENOL	10 U		10 U		10 U	
PYRENE	10 U		10 U		10 U	
PESTICIDES/PCBs (µg/L)						
4,4'-DDD	0.1 U		0.1 U		0.1 U	
4,4'-DDE	0.1 U		0.1 U		0.1 U	
4,4'-DDT	0.1 U		0.1 U		0.1 U	
ALDRIN	0.05 U		0.05 U		0.05 U	
ALPHA-BHC	0.05 U		0.05 U		0.05 U	
ALPHA-CHLORDANE	0.05 U		0.05 U		0.05 U	
AROCLOR-1016	1 U		1 U		1 U	
AROCLOR-1221	2 U		2 U		2 U	
AROCLOR-1232	1 U		1 U		1 U	
AROCLOR-1242	1 U		1 U		1 U	
AROCLOR-1248	1 U		1 U		1 U	
AROCLOR-1254	1 U		1 U		1 U	
AROCLOR-1260	1 U		1 U		1 U	
BETA-BHC	0.05 U		0.05 U		0.05 U	
DELTA-BHC	0.05 U		0.05 U		0.05 U	
DIELDRIN	0.1 U		0.1 U		0.1 U	
ENDOSULFAN I	0.05 U		0.05 U		0.05 U	
ENDOSULFAN II	0.1 U		0.1 U		0.1 U	

50005

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	6SW1B	6SW1B-DISS	6SW1S	6SW1S-DISS	8SW1B	8SW1B-DISS
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	6SW1	6SW1	6SW1	6SW1	8SW1	8SW1
VALIDATED:	VALIDATED		VALIDATED		VALIDATED	
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/L)						
ENDOSULFAN SULFATE	0.1 U		0.1 U		0.1 U	
ENDRIN	0.1 U		0.1 U		0.1 U	
ENDRIN ALDEHYDE	0.1 U		0.1 U		0.1 U	
ENDRIN KETONE	0.1 U		0.1 U		0.1 U	
GAMMA-BHC (LINDANE)	0.05 U		0.05 U		0.05 U	
GAMMA-CHLORDANE	0.05 U		0.05 U		0.05 U	
HEPTACHLOR	0.05 U		0.05 U		0.05 U	
HEPTACHLOR EPOXIDE	0.05 U		0.05 U		0.05 U	
METHOXYCHLOR	0.5 U		0.5 U		0.5 U	
TOXAPHENE	5 U		5 U		5 U	
METALS (µg/L)						
ALUMINUM	14.0 U	14.0 U	24.8 J	14.0 J	14.0 U	14.0 U
ANTIMONY	15.0 U	20.1 U	15.0 U	15.0 U	15.0 U	15.0 U
ARSENIC	20.0 UJ	2.7 U	2.0 UJ	4.0 U	20.0 UJ	2.3 U
BARIUM	5.4 R	5.2 J	6.6 R	6.1 J	5.4 R	5.2 J
BERYLLIUM	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ
BORON	2540	2580 J	1450 J	1560 J	3330 J	3210 J
CADMIUM	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
CALCIUM	198000	208000	116000	130000	261000	258000
CHROMIUM	3.0 U	3.4 J	3.0 U	3.0 UJ	3.0 U	3.0 UJ
COBALT	4.0 U	4.0 UJ	4.0 U	4.0 UJ	4.0 U	4.0 UJ
COPPER	5.9 R	10.4 R	3.4 R	6.2 R	9.0 R	12.0 R
IRON	81.9 J	53.7 U	120	74.1 U	51.0 J	37.6 U
LEAD	10.0 UJ	20.0 UJ	1.0 UJ	2.0 UJ	10.0 UJ	20.0 UJ

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	6SW1B	6SW1B-DISS	6SW1S	6SW1S-DISS	8SW1B	8SW1B-DISS
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	6SW1	6SW1	6SW1	6SW1	8SW1	8SW1
VALIDATED:	VALIDATED		VALIDATED		VALIDATED	
FILTERING:	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
FIELD DUPLICATE OF:						
METALS (µg/L)						
MAGNESIUM	658000	680000	372000	411000	858000	852000
MANGANESE	11.7 J	16.2	22.0	25.9	6.2 J	8.6 U
MERCURY	0.26	0.2 U	0.24	0.2 U	0.32	0.2 U
NICKEL	10.0 UJ	10.0 U	19.3 U	10.0 U	17.1 U	10.0 U
POTASSIUM	344000	363000 J	159000	183000 J	503000	499000 J
SELENIUM	10.0 UJ	3.6 U	2.0 UJ	2.4 U	10.0 UJ	4.1 U
SILVER	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
SODIUM	685000	7050000 R	345000	4060000 R	890000	8490000 R
THALLIUM	3.0 UJ	10.0 UJ	3.0 UJ	1.0 UJ	60.0 UJ	10.0 UJ
VANADIUM	5.0 UJ	6.1 UJ	5.0 UJ	5.0 UJ	6.7 J	5.0 UJ
ZINC	2.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 UJ	2.0 U
MISCELLANEOUS PARAMETERS (mg/L)						
HARDNESS AS CaCO3 (MG/L)	4840		2640		3760	

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	8SW1S	8SW1S-DISS	LS1SW00101S	LS1SW00101D	LS2SW00101S	LS2SW00101D
INVESTIGATION:	PH2-1	PH2-1	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/17/93	12/17/93	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	8SW1	8SW1	SW/SD1-1RI	SW/SD1-1RI	SW/SD1-2RI	SW/SD1-2RI
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U					
1,1,2,2-TETRACHLOROETHANE	10 U					
1,1,2-TRICHLOROETHANE	10 U					
1,1-DICHLOROETHANE	10 U					
1,1-DICHLOROETHENE	10 U					
1,2-DICHLOROETHANE	10 U					
1,2-DICHLOROETHENE (TOTAL)	10 U					
1,2-DICHLOROPROPANE	10 U					
2-BUTANONE	10 U					
2-HEXANONE	10 U					
4-METHYL-2-PENTANONE	10 U					
ACETONE	10 U					
BENZENE	10 U					
BIS(2-CHLOROETHOXY)METHANE	10 U					
BROMODICHLOROMETHANE	10 U					
BROMOFORM	10 U					
BROMOMETHANE	10 U					
CARBON DISULFIDE	10 U					
CARBON TETRACHLORIDE	10 U					
CHLOROBENZENE	10 U					
CHLOROETHANE	10 U					
CHLOROFORM	10 U					
CHLOROMETHANE	10 U					
CIS-1,3-DICHLOROPROPENE	10 U					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	8SW1S	8SW1S-DISS	LS1SW00101S	LS1SW00101D	LS2SW00101S	LS2SW00101D
INVESTIGATION:	PH2-1	PH2-1	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/17/93	12/17/93	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	8SW1	8SW1	SW/SD1-1RI	SW/SD1-1RI	SW/SD1-2RI	SW/SD1-2RI
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
DIBROMOCHLOROMETHANE	10 U					
ETHYLBENZENE	10 U					
METHYLENE CHLORIDE	10 U					
STYRENE	10 U					
TETRACHLOROETHENE	10 U					
TOLUENE	10 U					
TRANS-1,3-DICHLOROPROPENE	10 U					
TRICHLOROETHENE	10 U					
VINYL ACETATE	10 U					
VINYL CHLORIDE	10 U					
XYLENES, TOTAL	10 U					
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U					
1,2-DICHLOROBENZENE	10 U					
1,3-DICHLOROBENZENE	10 U					
1,4-DICHLOROBENZENE	10 U					
2,4,5-TRICHLOROPHENOL	25 U					
2,4,6-TRICHLOROPHENOL	10 U					
2,4-DICHLOROPHENOL	10 U					
2,4-DIMETHYLPHENOL	10 U					
2,4-DINITROPHENOL	25 U					
2,4-DINITROTOLUENE	10 U					
2,6-DINITROTOLUENE	10 U					
2-CHLORONAPHTHALENE	10 U					

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SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	8SW1S	8SW1S-DISS	LS1SW00101S	LS1SW00101D	LS2SW00101S	LS2SW00101D
INVESTIGATION:	PH2-1	PH2-1	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/17/93	12/17/93	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	8SW1	8SW1	SW/SD1-1RI	SW/SD1-1RI	SW/SD1-2RI	SW/SD1-2RI
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U					
2-METHYLNAPHTHALENE	10 U					
2-METHYLPHENOL	10 U					
2-NITROANILINE	25 U					
2-NITROPHENOL	10 U					
3,3'-DICHLOROBENZIDINE	10 U					
3-NITROANILINE	25 U					
4,6-DINITRO-2-METHYLPHENOL	25 U					
4-BROMOPHENYL PHENYL ETHER	10 U					
4-CHLORO-3-METHYLPHENOL	10 U					
4-CHLOROANILINE	10 U					
4-CHLOROPHENYL PHENYL ETHER	10 U					
4-METHYLPHENOL	10 U					
4-NITROANILINE	25 U					
4-NITROPHENOL	25 U					
ACENAPHTHENE	10 U					
ACENAPHTHYLENE	10 U					
ANTHRACENE	10 U					
BENZO(A)ANTHRACENE	10 U					
BENZO(A)PYRENE	10 U					
BENZO(B)FLUORANTHENE	10 U					
BENZO(G,H,I)PERYLENE	10 U					
BENZO(K)FLUORANTHENE	10 U					
BENZOIC ACID	10 U					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	8SW1S	8SW1S-DISS	LS1SW00101S	LS1SW00101D	LS2SW00101S	LS2SW00101D
INVESTIGATION:	PH2-1	PH2-1	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/17/93	12/17/93	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	8SW1	8SW1	SW/SD1-1RI	SW/SD1-1RI	SW/SD1-2RI	SW/SD1-2RI
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U					
BIS(2-CHLOROETHYL)ETHER	10 U					
BIS(2-CHLOROISOPROPYL) ETHER	10 U					
BIS(2-ETHYLHEXYL)PHTHALATE	10 U					
BUTYLBENZYL PHTHALATE	10 U					
CARBAZOLE	10 U					
CHRYSENE	10 U					
DI-N-BUTYL PHTHALATE	10 U					
DI-N-OCTYL PHTHALATE	10 U					
DIBENZO(A,H)ANTHRACENE	10 U					
DIBENZOFURAN	10 U					
DIETHYL PHTHALATE	10 U					
DIMETHYL PHTHALATE	10 U					
FLUORANTHENE	10 U					
FLUORENE	10 U					
HEXACHLOROBENZENE	10 U					
HEXACHLOROBUTADIENE	10 U					
HEXACHLOROCYCLOPENTADIENE	10 U					
HEXACHLOROETHANE	10 U					
INDENO(1,2,3-CD)PYRENE	10 U					
ISOPHORONE	10 U					
N-NITROSO-DI-N-PROPYLAMINE	10 U					
N-NITROSODIPHENYLAMINE	10 U					
NAPHTHALENE	10 U					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	8SW1S	8SW1S-DISS	LS1SW00101S	LS1SW00101D	LS2SW00101S	LS2SW00101D
INVESTIGATION:	PH2-1	PH2-1	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/17/93	12/17/93	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	8SW1	8SW1	SW/SD1-1RI	SW/SD1-1RI	SW/SD1-2RI	SW/SD1-2RI
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NITROBENZENE	10 U					
PENTACHLOROPHENOL	25 U					
PHENANTHRENE	10 U					
PHENOL	10 U					
PYRENE	10 U					
PESTICIDES/PCBs (µg/L)						
4,4'-DDD	0.1 U					
4,4'-DDE	0.1 U					
4,4'-DDT	0.1 U					
ALDRIN	0.05 U					
ALPHA-BHC	0.05 U					
ALPHA-CHLORDANE	0.05 U					
AROCLOR-1016	1 U					
AROCLOR-1221	2 U					
AROCLOR-1232	1 U					
AROCLOR-1242	1 U					
AROCLOR-1248	1 U					
AROCLOR-1254	1 U					
AROCLOR-1260	1 U					
BETA-BHC	0.05 U					
DELTA-BHC	0.05 U					
DIELDRIN	0.1 U					
ENDOSULFAN I	0.05 U					
ENDOSULFAN II	0.1 U					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	8SW1S	8SW1S-DISS	LS1SW00101S	LS1SW00101D	LS2SW00101S	LS2SW00101D
INVESTIGATION:	PH2-1	PH2-1	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/17/93	12/17/93	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	8SW1	8SW1	SW/SD1-1RI	SW/SD1-1RI	SW/SD1-2RI	SW/SD1-2RI
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/L)						
ENDOSULFAN SULFATE	0.1 U					
ENDRIN	0.1 U					
ENDRIN ALDEHYDE	0.1 U					
ENDRIN KETONE	0.1 U					
GAMMA-BHC (LINDANE)	0.05 U					
GAMMA-CHLORDANE	0.05 U					
HEPTACHLOR	0.05 U					
HEPTACHLOR EPOXIDE	0.05 U					
METHOXYCHLOR	0.5 U					
TOXAPHENE	5 U					
METALS (µg/L)						
ALUMINUM	29.5 J	14.0 U				
ANTIMONY	15.0 U	15.0 U				
ARSENIC	20.0 UJ	2.0 UJ				
BARIUM	6.6 R	5.8 J				
BERYLLIUM	1.0 U	1.0 UJ				
BORON	2110 J	2160 J				
CADMIUM	10.2 J	2.0 UJ				
CALCIUM	169000	177000				
CHROMIUM	3.0 U	3.1 J				
COBALT	4.0 U	4.0 UJ				
COPPER	6.4 R	10.9 R				
IRON	114	65.1 U				
LEAD	10.0 UJ	20.0 UJ				

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	8SW1S	8SW1S-DISS	LS1SW00101S	LS1SW00101D	LS2SW00101S	LS2SW00101D
INVESTIGATION:	PH2-1	PH2-1	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	12/17/93	12/17/93	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	8SW1	8SW1	SW/SD1-1RI	SW/SD1-1RI	SW/SD1-2RI	SW/SD1-2RI
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered	Filtered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
METALS (µg/L)						
MAGNESIUM	549000	578000				
MANGANESE	17.6	19.9				
MERCURY	0.49	0.2 U				
NICKEL	10.0 UJ	10.0 U				
POTASSIUM	268000	289000 J				
SELENIUM	10.0 UJ	2.0 UJ				
SILVER	2.0 U	2.0 U				
SODIUM	565000	5870000 R				
THALLIUM	30.0 UJ	10.0 UJ				
VANADIUM	5.0 UJ	5.8 J				
ZINC	2.0 UJ	2.0 U				
WATER QUALITY PARAMETERS (mg/L)						
DISSOLVED OXYGEN (MG/L)			8.54	7.66	7.68	6.92
PH (NONE)			7.8	7.84	7.82	7.84
REDOX POTENTIAL (MV)			151.5	150.8	176.8	174.8
SALINITY (PPT)			27.02	28.99	27.36	29.13
SPECIFIC CONDUCTIVITY (MS/CM)			42.03	44.81	42.53	44.96
TEMPERATURE (C)			15.52	16.02	15.44	15.95
TURBIDITY (NTU)			0.8	3.5	-1.8 R	-0.7 R
MISCELLANEOUS PARAMETERS (mg/L)						
HARDNESS AS CaCO3 (MG/L)	3440					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SW00101S	LS3SW00101D	LS4SW00101S	LS4SW00101D	LS5SW00101S	LS5SW00101D
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	SW/SD1-3RI	SW/SD1-3RI	SW/SD1-4RI	SW/SD1-4RI	SW/SD1-5RI	SW/SD1-5RI
VALIDATED:						
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
WATER QUALITY PARAMETERS (mg/L)						
DISSOLVED OXYGEN (MG/L)	8.21	7	7.47	6.88	8.72	7.53
PH (NONE)	7.82	7.84	7.81	7.81	7.78	7.75
REDOX POTENTIAL (MV)	174.4	174.3	172	166.3	162.2	162.6
SALINITY (PPT)	27.49	29.21	27.32	28.87	23.8	27.38
SPECIFIC CONDUCTIVITY (MS/CM)	42.65	45.02	42.45	44.49	37.44	42.56
TEMPERATURE (C)	15.48	15.92	15.58	15.93	13.72	15.81
TURBIDITY (NTU)	-2.3 R	-0.2 R	6.3	30.3	-1.9 R	-1.8 R

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SW00101S	LS6SW00101D	LS7SW00101S	LS7SW00101D	LS1SW00201S	LS1SW00201D
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	SW/SD1-6RI	SW/SD1-6RI	SW/SD1-7RI	SW/SD1-7RI	SW/SD2-1RI	SW/SD2-1RI
VALIDATED:						
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
WATER QUALITY PARAMETERS (mg/L)						
DISSOLVED OXYGEN (MG/L)	8.80	8	10.12	7.96	8.84	7.59
PH (NONE)	7.87	7.84	7.89	7.84	7.5	7.76
REDOX POTENTIAL (MV)	216.9	217.4	181.2	181.9	127.1	125.6
SALINITY (PPT)	25.09	28.14	26.58	28.79	26.82	29.01
SPECIFIC CONDUCTIVITY (MS/CM)	39.29	43.7	41.2	44.29	41.72	44.79
TEMPERATURE (C)	15.41	15.89	15.26	15.86	15.65	16.01
TURBIDITY (NTU)	0.9	0.9	5.60	2.2	0.8	1.4

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS2SW00201S	LS2SW00201D	LS3SW00201S	LS3SW00201D	LS4SW00201S	LS4SW00201D
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	SW/SD2-2RI	SW/SD2-2RI	SW/SD2-3RI	SW/SD2-3RI	SW/SD2-4RI	SW/SD2-4RI
VALIDATED:						
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
WATER QUALITY PARAMETERS (mg/L)						
DISSOLVED OXYGEN (MG/L)	7.58	6.89	7.86	6.9	7.95	6.99
PH (NONE)	7.82	7.85	7.74	7.82	7.81	7.84
REDOX POTENTIAL (MV)	197.5	154.3	181.4	179.3	199.1	196.9
SALINITY (PPT)	27.32	29.17	27.57	29.09	27.14	29.23
SPECIFIC CONDUCTIVITY (MS/CM)	42.44	45.03	43.76	44.9	42.36	45.1
TEMPERATURE (C)	15.48	15.94	14.23	15.97	15.14	15.92
TURBIDITY (NTU)	6.8	46.7	0.1	-1 R	6.8	7.4

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS5SW00201S	LS5SW00201D	LS6SW00201S	LS6SW00201D	LS7SW00201S	LS7SW00201D
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97
LOCATION:	SW/SD2-5RI	SW/SD2-5RI	SW/SD2-6RI	SW/SD2-6RI	SW/SD2-7RI	SW/SD2-7RI
VALIDATED:						
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
WATER QUALITY PARAMETERS (mg/L)						
DISSOLVED OXYGEN (MG/L)	8.42	7.34	8.84	7.52	8.79	7.27
PH (NONE)	7.8	7.81	7.61	7.68	7.88	7.85
REDOX POTENTIAL (MV)	169.8	169.9	208.3	201.1	214	209.2
SALINITY (PPT)	24.34	28.08	23.76	26.23	25.88	29
SPECIFIC CONDUCTIVITY (MS/CM)	38.44	43.56	37.42	40.95	40.4	44.79
TEMPERATURE (C)	14.84	15.91	13.61	15.42	15.52	15.96
TURBIDITY (NTU)	-1.4 R	-1.1 R	-1.8 R	-2.1 R	1	8.1

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SW00301S	LS1SW00301D	LS4SW00301S	LS4SW00301D	LS5SW00301S	LS5SW00301D
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	10/21/97	10/22/97	10/22/97
LOCATION:	SW/SD3-1RI	SW/SD3-1RI	SW/SD3-4RI	SW/SD3-4RI	SW/SD3-5RI	SW/SD3-5RI
VALIDATED:						
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
WATER QUALITY PARAMETERS (mg/L)						
DISSOLVED OXYGEN (MG/L)	8.6	7.68	7.23	6.8	8.44	7.39
PH (NONE)	7.87	7.85	7.60	7.74	7.81	7.78
REDOX POTENTIAL (MV)	223.6	220.1	207	204.4	156.8	157.7
SALINITY (PPT)	26.27	28.83	27.73	28.42	23.83	26.2
SPECIFIC CONDUCTIVITY (MS/CM)	40.99	44.4	43.02	44	37.52	40.87
TEMPERATURE (C)	15.71	15.92	15.55	16.06	14.19	16.36
TURBIDITY (NTU)	16.4	3.9	-1.7 R	-2.9 R	-1.7 R	-1.4 R

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS7SW00301S	LS7SW00301D	LS1SW00401S	LS1SW00401D	LS5SW00401S	LS5SW00401D
INVESTIGATION:	1997RI	1997RI	1997RI	1997RI	1997RI	1997RI
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	10/21/97	10/22/97	10/22/97
LOCATION:	SW/SD3-7RI	SW/SD3-7RI	SW/SD4-1RI	SW/SD4-1RI	SW/SD4-5RI	SW/SD4-5RI
VALIDATED:						
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:						
WATER QUALITY PARAMETERS (mg/L)						
DISSOLVED OXYGEN (MG/L)	9.18	7.77	8.38	7.55	8.42	7.27
PH (NONE)	7.88	7.84	7.86	7.83	7.82	7.78
REDOX POTENTIAL (MV)	231.8	229.4	241.5	222.1	204	201
SALINITY (PPT)	25.58	28.01	26.76	28.06	23.78	27.49
SPECIFIC CONDUCTIVITY (MS/CM)	40.08	43.31	41.72	43.54	37.49	42.69
TEMPERATURE (C)	15.3	15.79	15.63	15.91	14.23	15.84
TURBIDITY (NTU)	0.9	0.4	0.5	29.3	-1.7 R	-1.5 R

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1AB	T3SW1AS	T3SW1AS-D	T3SW1AS-DISS	T3SW1AS-DISS-D	T3SW1BB
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1BS/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered
FIELD DUPLICATE OF:			T3SW1AS		T3SW1AS-DISS	
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U	10 U	10 U			10 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U	10 U			10 U
1,1,2-TRICHLOROETHANE	10 U	10 U	10 U			10 U
1,1-DICHLOROETHANE	10 U	10 U	10 U			10 U
1,1-DICHLOROETHENE	10 U	10 U	10 U			10 U
1,2-DICHLOROETHANE	10 U	10 U	10 U			10 U
1,2-DICHLOROETHENE (TOTAL)	10 U	10 U	10 U			10 U
1,2-DICHLOROPROPANE	10 U	10 U	10 U			10 U
2-BUTANONE	10 U	10 U	10 U			10 U
2-HEXANONE	10 U	10 U	10 U			10 U
4-METHYL-2-PENTANONE	10 U	10 U	10 U			10 U
ACETONE	10 U	11 U	10 U			10 U
BENZENE	10 U	10 U	10 U			10 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U			10 U
BROMODICHLOROMETHANE	10 U	10 U	10 U			10 U
BROMOFORM	10 U	10 U	10 U			10 U
BROMOMETHANE	10 U	10 U	10 U			10 U
CARBON DISULFIDE	10 U	10 U	10 U			10 U
CARBON TETRACHLORIDE	10 U	10 U	10 U			10 U
CHLOROBENZENE	10 U	10 U	10 U			10 U
CHLOROETHANE	10 U	10 U	10 U			10 U
CHLOROFORM	10 U	10 U	10 U			10 U
CHLOROMETHANE	10 U	10 U	10 U			10 U
CIS-1,3-DICHLOROPROPENE	10 U	10 U	10 U			10 U

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1AB	T3SW1AS	T3SW1AS-D	T3SW1AS-DISS	T3SW1AS-DISS-D	T3SW1BB
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1BS/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered
FIELD DUPLICATE OF:			T3SW1AS		T3SW1AS-DISS	
VOLATILES (µg/L)						
DIBROMOCHLOROMETHANE	10 U	10 U	10 U			10 U
ETHYLBENZENE	10 U	10 U	10 U			10 U
METHYLENE CHLORIDE	10 U	10 U	10 U			10 U
STYRENE	10 U	10 U	10 U			10 U
TETRACHLOROETHENE	10 U	10 U	10 U			10 U
TOLUENE	10 U	10 U	10 U			10 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U	10 U			10 U
TRICHLOROETHENE	10 U	10 U	10 U			10 U
VINYL ACETATE	10 U	10 U	10 U			10 U
VINYL CHLORIDE	10 U	10 U	10 U			10 U
XYLENES, TOTAL	10 U	10 U	10 U			10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U			10 U
1,2-DICHLOROBENZENE	10 U	10 U	10 U			10 U
1,3-DICHLOROBENZENE	10 U	10 U	10 U			10 U
1,4-DICHLOROBENZENE	10 U	10 U	10 U			10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U			25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U			10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U			10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U			10 U
2,4-DINITROPHENOL	25 U	25 U	25 U			25 U
2,4-DINITROTOLUENE	10 U	10 U	10 U			10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U			10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U			10 U

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1AB	T3SW1AS	T3SW1AS-D	T3SW1AS-DISS	T3SW1AS-DISS-D	T3SW1BB
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1BS/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered
FIELD DUPLICATE OF:			T3SW1AS		T3SW1AS-DISS	
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U	10 U	10 U			10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U			10 U
2-METHYLPHENOL	10 U	10 U	10 U			10 U
2-NITROANILINE	25 U	25 U	25 U			25 U
2-NITROPHENOL	10 U	10 U	10 U			10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U			10 U
3-NITROANILINE	25 U	25 U	25 U			25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U			25 U
4-BROMOPHENYL PHENYL ETHER	10 U	10 U	10 U			10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U			10 U
4-CHLOROANILINE	10 U	10 U	10 U			10 U
4-CHLOROPHENYL PHENYL ETHER	10 U	10 U	10 U			10 U
4-METHYLPHENOL	10 U	10 U	10 U			10 U
4-NITROANILINE	25 U	25 U	25 U			25 U
4-NITROPHENOL	25 U	25 U	25 U			25 U
ACENAPHTHENE	10 U	10 U	10 U			10 U
ACENAPHTHYLENE	10 U	10 U	10 U			10 U
ANTHRACENE	10 U	10 U	10 U			10 U
BENZO(A)ANTHRACENE	10 U	10 U	10 U			10 U
BENZO(A)PYRENE	10 U	10 U	10 U			10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U			10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U			10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U			10 U
BENZOIC ACID	10 U	10 U	10 U			10 U

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1AB	T3SW1AS	T3SW1AS-D	T3SW1AS-DISS	T3SW1AS-DISS-D	T3SW1BB
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1BS/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered
FIELD DUPLICATE OF:			T3SW1AS		T3SW1AS-DISS	
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U	10 U	10 U			10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U			10 U
BIS(2-CHLOROISOPROPYL) ETHER	10 U	10 U	10 U			10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U	10 U	10 U			10 U
BUTYLBENZYL PHTHALATE	10 U	10 U	10 U			10 U
CARBAZOLE	10 U	10 U	10 U			10 U
CHRYSENE	10 U	10 U	10 U			10 U
DI-N-BUTYL PHTHALATE	10 U	10 U	10 U			10 U
DI-N-OCTYL PHTHALATE	10 U	10 U	10 U			10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U			10 U
DIBENZOFURAN	10 U	10 U	10 U			10 U
DIETHYL PHTHALATE	10 U	10 U	10 U			10 U
DIMETHYL PHTHALATE	10 U	10 U	10 U			10 U
FLUORANTHENE	10 U	10 U	10 U			10 U
FLUORENE	10 U	10 U	10 U			10 U
HEXACHLOROBENZENE	10 U	10 U	10 U			10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U			10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U			10 U
HEXACHLOROETHANE	10 U	10 U	10 U			10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U			10 U
ISOPHORONE	10 U	10 U	10 U			10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U			10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U			10 U
NAPHTHALENE	10 U	10 U	10 U			10 U

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1AB	T3SW1AS	T3SW1AS-D	T3SW1AS-DISS	T3SW1AS-DISS-D	T3SW1BB
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1BS/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered
FIELD DUPLICATE OF:			T3SW1AS		T3SW1AS-DISS	
SEMIVOLATILES (µg/L)						
NITROBENZENE	10 U	10 U	10 U			10 U
PENTACHLOROPHENOL	25 U	25 U	25 U			25 U
PHENANTHRENE	10 U	10 U	10 U			10 U
PHENOL	10 U	10 U	10 U			10 U
PYRENE	10 U	10 U	10 U			10 U
PESTICIDES/PCBs (µg/L)						
4,4'-DDD	0.1 U	0.1 U	0.1 U			0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U			0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U			0.1 U
ALDRIN	0.05 U	0.05 U	0.05 U			0.05 U
ALPHA-BHC	0.05 U	0.05 U	0.05 U			0.05 U
ALPHA-CHLORDANE	0.05 U	0.05 U	0.05 U			0.05 U
AROCLOR-1016	1 U	1 U	1 U			1 U
AROCLOR-1221	2 U	2 U	2 U			2 U
AROCLOR-1232	1 U	1 U	1 U			1 U
AROCLOR-1242	1 U	1 U	1 U			1 U
AROCLOR-1248	1 U	1 U	1 U			1 U
AROCLOR-1254	1 U	1 U	1 U			1 U
AROCLOR-1260	1 U	1 U	1 U			1 U
BETA-BHC	0.05 U	0.05 U	0.05 U			0.05 U
DELTA-BHC	0.05 U	0.05 U	0.05 U			0.05 U
DIELDRIN	0.1 U	0.1 U	0.1 U			0.1 U
ENDOSULFAN I	0.05 U	0.05 U	0.05 U			0.05 U
ENDOSULFAN II	0.1 U	0.1 U	0.1 U			0.1 U

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1AB	T3SW1AS	T3SW1AS-D	T3SW1AS-DISS	T3SW1AS-DISS-D	T3SW1BB
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1BS/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered
FIELD DUPLICATE OF:			T3SW1AS		T3SW1AS-DISS	
PESTICIDES/PCBs (µg/L)						
ENDOSULFAN SULFATE	0.1 U	0.1 U	0.1 U			0.1 U
ENDRIN	0.1 U	0.1 U	0.1 U			0.1 U
ENDRIN ALDEHYDE	0.1 U	0.1 U	0.1 U			0.1 U
ENDRIN KETONE	0.1 U	0.1 U	0.1 U			0.1 U
GAMMA-BHC (LINDANE)	0.05 U	0.05 U	0.05 U			0.05 U
GAMMA-CHLORDANE	0.05 U	0.05 U	0.05 U			0.05 U
HEPTACHLOR	0.05 U	0.05 U	0.05 U			0.05 U
HEPTACHLOR EPOXIDE	0.05 U	0.05 U	0.05 U			0.05 U
METHOXYCHLOR	0.5 U	0.5 U	0.5 U			0.5 U
TOXAPHENE	5 U	5 U	5 U			5 U
METALS (µg/L)						
ALUMINUM	14.0 U	29.4 J	26.0 J	14.0 U	14.0 U	14.0 U
ANTIMONY	15.0 U	15.0 U	15.0 U	15.0 U	25.0 U	15.0 U
ARSENIC	20.0 UJ	20.0 UJ	20.0 UJ	2.6 U	2.0 UJ	20.0 UJ
BARIUM	5.4 R	7.2 R	6.6 R	6.9 J	7.8 J	6.6 R
BERYLLIUM	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U
BORON	3130 J	1720 J	1560 J	1650 J	1600 J	2480 J
CADMIUM	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
CALCIUM	243000	140000	128000	135000	133000	193000
CHROMIUM	3.0 U	3.0 U	3.0 U	3.0 UJ	3.0 UJ	3.0 U
COBALT	4.0 U	4.0 U	4.0 U	4.0 UJ	4.0 UJ	4.0 U
COPPER	7.0 R	3.3 R	3.5 R	4.5 R	8.1 R	5.3 R
IRON	57.0 J	132	122	90.6 U	113 U	90.2 J
LEAD	10.0 UJ	1.5 J	1.5 J	2.0 UJ	2.0 UJ	10.0 UJ

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1AB	T3SW1AS	T3SW1AS-D	T3SW1AS-DISS	T3SW1AS-DISS-D	T3SW1BB
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93	12/17/93
LOCATION:	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1AS/B	T3SW1BS/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Filtered	Filtered	Unfiltered
FIELD DUPLICATE OF:			T3SW1AS		T3SW1AS-DISS	
METALS (µg/L)						
MAGNESIUM	801000	444000	410000	431000	421000	639000
MANGANESE	6.6 J	24.7	23.3	25.2	25.5	15.7
MERCURY	0.3	0.26	0.25	0.2 U	0.2 U	0.33
NICKEL	10.9 U	13.9 U	10.0 UJ	10.0 U	10.0 U	10.0 UJ
POTASSIUM	457000	202000	182000	194000 J	188000 J	333000
SELENIUM	10.0 UJ	10.0 UJ	10.0 UJ	2.0 UJ	2.3 U	10.0 UJ
SILVER	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
SODIUM	872000	426000	397000	4030000 R	4150000 R	693000
THALLIUM	30.0 UJ	30.0 UJ	30.0 UJ	1.0 UJ	1.0 UJ	3.0 UJ
VANADIUM	5.0 UJ	6.9 J	5.0 UJ	5.0 UJ	5.6 J	5.0 J
ZINC	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 UJ
MISCELLANEOUS PARAMETERS (mg/L)						
HARDNESS AS CaCO3 (MG/L)	3560	2760	2560			4120

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SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1BB-D	T3SW1BS	T3SW1S	T3SW2B	T3SW2S	T3SW3B
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/18/93	11/09/93	11/09/93	12/17/93
LOCATION:	T3SW1BS/B	T3SW1BS/B	T3SW1S/B	T3SW2S/B	T3SW2S/B	T3SW3S/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	T3SW1BB					
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE (TOTAL)	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	10 U	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	10 U	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	10 U	10 U	10 U	18 U	10 U	10 U
BENZENE	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHOXY)METHANE	10 U	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
BROMOFORM	10 U	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	10 U	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U	10 U	10 U

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1BB-D	T3SW1BS	T3SW1S	T3SW2B	T3SW2S	T3SW3B
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/18/93	11/09/93	11/09/93	12/17/93
LOCATION:	T3SW1BS/B	T3SW1BS/B	T3SW1S/B	T3SW2S/B	T3SW2S/B	T3SW3S/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	T3SW1BB					
VOLATILES (µg/L)						
DIBROMOCHLOROMETHANE	10 U	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U
STYRENE	10 U	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
TOLUENE	10 U	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	10 U	10 U	10 U	10 U	10 U	10 U
VINYL ACETATE	10 U	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	10 U	10 U	10 U	10 U	10 U	10 U
XYLENES, TOTAL	10 U	10 U	10 U	10 U	10 U	10 U
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
1,3-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
1,4-DICHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-TRICHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-TRICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DICHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DIMETHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2,4-DINITROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U
2,4-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U
2,6-DINITROTOLUENE	10 U	10 U	10 U	10 U	10 U	10 U
2-CHLORONAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U

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SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1BB-D	T3SW1BS	T3SW1S	T3SW2B	T3SW2S	T3SW3B
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/18/93	11/09/93	11/09/93	12/17/93
LOCATION:	T3SW1BS/B	T3SW1BS/B	T3SW1S/B	T3SW2S/B	T3SW2S/B	T3SW3S/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	T3SW1BB					
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLNAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U
2-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
2-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
2-NITROPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-DICHLOROBENZIDINE	10 U	10 U	10 U	10 U	10 U	10 U
3-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4,6-DINITRO-2-METHYLPHENOL	25 U	25 U	25 U	25 U	25 U	25 U
4-BROMOPHENYL PHENYL ETHER	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLORO-3-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROANILINE	10 U	10 U	10 U	10 U	10 U	10 U
4-CHLOROPHENYL PHENYL ETHER	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYLPHENOL	10 U	10 U	10 U	10 U	10 U	10 U
4-NITROANILINE	25 U	25 U	25 U	25 U	25 U	25 U
4-NITROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U
ACENAPHTHENE	10 U	10 U	10 U	10 U	10 U	10 U
ACENAPHTHYLENE	10 U	10 U	10 U	10 U	10 U	10 U
ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(A)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(B)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(G,H,I)PERYLENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZO(K)FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U
BENZOIC ACID	10 U	10 U	10 U	10 U	10 U	10 U

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1BB-D	T3SW1BS	T3SW1S	T3SW2B	T3SW2S	T3SW3B
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/18/93	11/09/93	11/09/93	12/17/93
LOCATION:	T3SW1BS/B	T3SW1BS/B	T3SW1S/B	T3SW2S/B	T3SW2S/B	T3SW3S/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	T3SW1BB					
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROETHYL)ETHER	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-CHLOROISOPROPYL) ETHER	10 U	10 U	10 U	10 U	10 U	10 U
BIS(2-ETHYLHEXYL)PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
BUTYLBENZYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
CARBAZOLE	10 U	10 U	10 U	10 U	10 U	10 U
CHRYSENE	10 U	10 U	10 U	10 U	10 U	10 U
DI-N-BUTYL PHTHALATE	10 U	10 U	0.6 J	10 U	10 U	10 U
DI-N-OCTYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZO(A,H)ANTHRACENE	10 U	10 U	10 U	10 U	10 U	10 U
DIBENZOFURAN	10 U	10 U	10 U	10 U	10 U	10 U
DIETHYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
DIMETHYL PHTHALATE	10 U	10 U	10 U	10 U	10 U	10 U
FLUORANTHENE	10 U	10 U	10 U	10 U	10 U	10 U
FLUORENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROBUTADIENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROCYCLOPENTADIENE	10 U	10 U	10 U	10 U	10 U	10 U
HEXACHLOROETHANE	10 U	10 U	10 U	10 U	10 U	10 U
INDENO(1,2,3-CD)PYRENE	10 U	10 U	10 U	10 U	10 U	10 U
ISOPHORONE	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSO-DI-N-PROPYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U
N-NITROSODIPHENYLAMINE	10 U	10 U	10 U	10 U	10 U	10 U
NAPHTHALENE	10 U	10 U	10 U	10 U	10 U	10 U

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1BB-D	T3SW1BS	T3SW1S	T3SW2B	T3SW2S	T3SW3B
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/18/93	11/09/93	11/09/93	12/17/93
LOCATION:	T3SW1BS/B	T3SW1BS/B	T3SW1S/B	T3SW2S/B	T3SW2S/B	T3SW3S/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	T3SW1BB					
SEMIVOLATILES (µg/L)						
NITROBENZENE	10 U	10 U	10 U	10 U	10 U	10 U
PENTACHLOROPHENOL	25 U	25 U	25 U	25 U	25 U	25 U
PHENANTHRENE	10 U	10 U	10 U	10 U	10 U	10 U
PHENOL	10 U	10 U	10 U	10 U	10 U	10 U
PYRENE	10 U	10 U	10 U	10 U	10 U	10 U
PESTICIDES/PCBs (µg/L)						
4,4'-DDD	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
ALDRIN	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-CHLORDANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
AROCLOR-1016	1 U	1 U	1 U	1 U	1 U	1 U
AROCLOR-1221	2 U	2 U	2 U	2 U	2 U	2 U
AROCLOR-1232	1 U	1 U	1 U	1 U	1 U	1 U
AROCLOR-1242	1 U	1 U	1 U	1 U	1 U	1 U
AROCLOR-1248	1 U	1 U	1 U	1 U	1 U	1 U
AROCLOR-1254	1 U	1 U	1 U	1 U	1 U	1 U
AROCLOR-1260	1 U	1 U	1 U	1 U	1 U	1 U
BETA-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
ENDOSULFAN I	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN II	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1BB-D	T3SW1BS	T3SW1S	T3SW2B	T3SW2S	T3SW3B
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/18/93	11/09/93	11/09/93	12/17/93
LOCATION:	T3SW1BS/B	T3SW1BS/B	T3SW1S/B	T3SW2S/B	T3SW2S/B	T3SW3S/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	T3SW1BB					
PESTICIDES/PCBs (µg/L)						
ENDOSULFAN SULFATE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
ENDRIN	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
ENDRIN ALDEHYDE	0.1 U	0.1 U	0.1 U	0.14	0.1 U	0.1 U
ENDRIN KETONE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
GAMMA-BHC (LINDANE)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-CHLORDANE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
METHOXYCHLOR	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TOXAPHENE	5 U	5 U	5 U	5 U	5 U	5 U
METALS (µg/L)						
ALUMINUM	14.0 U	19.1 J	79.6 J	14.0 U	16.3	14.0 U
ANTIMONY	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U	15.0 U
ARSENIC	20.0 UJ	2.0 UJ	2.0 UJ	20.0 UJ	20.0 UJ	20.0 UJ
BARIUM	5.8 R	6.6 R	25.9 J	5.4 R	6.6 R	5.4 R
BERYLLIUM	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BORON	2430 J	1620 J	518	3100 J	1980 J	3210 J
CADMIUM	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
CALCIUM	191000	129000	50900	240000	157000	249000
CHROMIUM	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
COBALT	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
COPPER	4.9 R	2.7 R	2.0 U	6.9 R	4.7 R	7.7 R
IRON	86.1 J	128	425	70.3 J	106	71.3 J
LEAD	10.0 UJ	1.0 J	1.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW1BB-D	T3SW1BS	T3SW1S	T3SW2B	T3SW2S	T3SW3B
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
SAMPLE DATE:	12/17/93	12/17/93	12/18/93	11/09/93	11/09/93	12/17/93
LOCATION:	T3SW1BS/B	T3SW1BS/B	T3SW1S/B	T3SW2S/B	T3SW2S/B	T3SW3S/B
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
FILTERING:	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered
FIELD DUPLICATE OF:	T3SW1BB					
METALS (µg/L)						
MAGNESIUM	630000	416000	128000	800000	517000	826000
MANGANESE	12.8 J	23.4	148	6.7 J	19.4	7.7 J
MERCURY	0.29	0.3	0.25	0.39	0.41	0.36
NICKEL	10.0 UJ	10.0 UJ	10.0 UJ	12.9 U	13.1 U	10.0 UJ
POTASSIUM	324000	185000	46700	462000	248000	480000
SELENIUM	10.0 UJ	2.0 UJ	2.0 UJ	10.0 UJ	10.0 UJ	10.0 UJ
SILVER	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
SODIUM	6730000	462000	118000	867000	540000	117000
THALLIUM	3.0 UJ	3.0 UJ	3.0 UJ	30.0 UJ	30.0 UJ	44.3 U
VANADIUM	6.9 J	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
ZINC	2.0 UJ	2.0 UJ	6.7 J	2.0 UJ	2.0 UJ	2.0 UJ
MISCELLANEOUS PARAMETERS (mg/L)						
HARDNESS AS CaCO3 (MG/L)	4360	2440	960	2400	3200	2240

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW3S					
INVESTIGATION:	PH2-1					
SAMPLE DATE:	12/17/93	/ /	/ /	/ /	/ /	/ /
LOCATION:	T3SW3S/B					
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered					
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
1,1,1-TRICHLOROETHANE	10 U					
1,1,2,2-TETRACHLOROETHANE	10 U					
1,1,2-TRICHLOROETHANE	10 U					
1,1-DICHLOROETHANE	10 U					
1,1-DICHLOROETHENE	10 U					
1,2-DICHLOROETHANE	10 U					
1,2-DICHLOROETHENE (TOTAL)	10 U					
1,2-DICHLOROPROPANE	10 U					
2-BUTANONE	10 U					
2-HEXANONE	10 U					
4-METHYL-2-PENTANONE	10 U					
ACETONE	10 U					
BENZENE	10 U					
BIS(2-CHLOROETHOXY)METHANE	10 U					
BROMODICHLOROMETHANE	10 U					
BROMOFORM	10 U					
BROMOMETHANE	10 U					
CARBON DISULFIDE	10 U					
CARBON TETRACHLORIDE	10 U					
CHLOROBENZENE	10 U					
CHLOROETHANE	10 U					
CHLOROFORM	10 U					
CHLOROMETHANE	10 U					
CIS-1,3-DICHLOROPROPENE	10 U					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW3S					
INVESTIGATION:	PH2-1					
SAMPLE DATE:	12/17/93	/ /	/ /	/ /	/ /	/ /
LOCATION:	T3SW3S/B					
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered					
FIELD DUPLICATE OF:						
VOLATILES (µg/L)						
DIBROMOCHLOROMETHANE	10 U					
ETHYLBENZENE	10 U					
METHYLENE CHLORIDE	10 U					
STYRENE	10 U					
TETRACHLOROETHENE	10 U					
TOLUENE	10 U					
TRANS-1,3-DICHLOROPROPENE	10 U					
TRICHLOROETHENE	10 U					
VINYL ACETATE	10 U					
VINYL CHLORIDE	10 U					
XYLENES, TOTAL	10 U					
SEMIVOLATILES (µg/L)						
1,2,4-TRICHLOROBENZENE	10 U					
1,2-DICHLOROBENZENE	10 U					
1,3-DICHLOROBENZENE	10 U					
1,4-DICHLOROBENZENE	10 U					
2,4,5-TRICHLOROPHENOL	25 U					
2,4,6-TRICHLOROPHENOL	10 U					
2,4-DICHLOROPHENOL	10 U					
2,4-DIMETHYLPHENOL	10 U					
2,4-DINITROPHENOL	25 U					
2,4-DINITROTOLUENE	10 U					
2,6-DINITROTOLUENE	10 U					
2-CHLORONAPHTHALENE	10 U					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW3S					
INVESTIGATION:	PH2-1					
SAMPLE DATE:	12/17/93	/ /	/ /	/ /	/ /	/ /
LOCATION:	T3SW3S/B					
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered					
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
2-CHLOROPHENOL	10 U					
2-METHYLNAPHTHALENE	10 U					
2-METHYLPHENOL	10 U					
2-NITROANILINE	25 U					
2-NITROPHENOL	10 U					
3,3'-DICHLOROBENZIDINE	10 U					
3-NITROANILINE	25 U					
4,6-DINITRO-2-METHYLPHENOL	25 U					
4-BROMOPHENYL PHENYL ETHER	10 U					
4-CHLORO-3-METHYLPHENOL	10 U					
4-CHLOROANILINE	10 U					
4-CHLOROPHENYL PHENYL ETHER	10 U					
4-METHYLPHENOL	10 U					
4-NITROANILINE	25 U					
4-NITROPHENOL	25 U					
ACENAPHTHENE	10 U					
ACENAPHTHYLENE	10 U					
ANTHRACENE	10 U					
BENZO(A)ANTHRACENE	10 U					
BENZO(A)PYRENE	10 U					
BENZO(B)FLUORANTHENE	10 U					
BENZO(G,H,I)PERYLENE	10 U					
BENZO(K)FLUORANTHENE	10 U					
BENZOIC ACID	10 U					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW3S					
INVESTIGATION:	PH2-1					
SAMPLE DATE:	12/17/93	/ /	/ /	/ /	/ /	/ /
LOCATION:	T3SW3S/B					
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered					
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
BENZYL ALCOHOL	10 U					
BIS(2-CHLOROETHYL)ETHER	10 U					
BIS(2-CHLOROISOPROPYL) ETHER	10 U					
BIS(2-ETHYLHEXYL)PHTHALATE	10 U					
BUTYLBENZYL PHTHALATE	10 U					
CARBAZOLE	10 U					
CHRYSENE	10 U					
DI-N-BUTYL PHTHALATE	10 U					
DI-N-OCTYL PHTHALATE	10 U					
DIBENZO(A,H)ANTHRACENE	10 U					
DIBENZOFURAN	10 U					
DIETHYL PHTHALATE	10 U					
DIMETHYL PHTHALATE	10 U					
FLUORANTHENE	10 U					
FLUORENE	10 U					
HEXACHLOROBENZENE	10 U					
HEXACHLOROBUTADIENE	10 U					
HEXACHLOROCYCLOPENTADIENE	10 U					
HEXACHLOROETHANE	10 U					
INDENO(1,2,3-CD)PYRENE	10 U					
ISOPHORONE	10 U					
N-NITROSO-DI-N-PROPYLAMINE	10 U					
N-NITROSODIPHENYLAMINE	10 U					
NAPHTHALENE	10 U					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW3S					
INVESTIGATION:	PH2-1					
SAMPLE DATE:	12/17/93	/ /	/ /	/ /	/ /	/ /
LOCATION:	T3SW3S/B					
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered					
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/L)						
NITROBENZENE	10 U					
PENTACHLOROPHENOL	25 U					
PHENANTHRENE	10 U					
PHENOL	10 U					
PYRENE	10 U					
PESTICIDES/PCBs (µg/L)						
4,4'-DDD	0.1 U					
4,4'-DDE	0.1 U					
4,4'-DDT	0.1 U					
ALDRIN	0.05 U					
ALPHA-BHC	0.05 U					
ALPHA-CHLORDANE	0.05 U					
AROCLOR-1016	1 U					
AROCLOR-1221	2 U					
AROCLOR-1232	1 U					
AROCLOR-1242	1 U					
AROCLOR-1248	1 U					
AROCLOR-1254	1 U					
AROCLOR-1260	1 U					
BETA-BHC	0.05 U					
DELTA-BHC	0.05 U					
DIELDRIN	0.1 U					
ENDOSULFAN I	0.05 U					
ENDOSULFAN II	0.1 U					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW3S					
INVESTIGATION:	PH2-1					
SAMPLE DATE:	12/17/93	/ /	/ /	/ /	/ /	/ /
LOCATION:	T3SW3S/B					
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered					
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/L)						
ENDOSULFAN SULFATE	0.1 U					
ENDRIN	0.1 U					
ENDRIN ALDEHYDE	0.1 U					
ENDRIN KETONE	0.1 U					
GAMMA-BHC (LINDANE)	0.05 U					
GAMMA-CHLORDANE	0.05 U					
HEPTACHLOR	0.05 U					
HEPTACHLOR EPOXIDE	0.05 U					
METHOXYCHLOR	0.5 U					
TOXAPHENE	5 U					
METALS (µg/L)						
ALUMINUM	14.0 U					
ANTIMONY	15.0 U					
ARSENIC	20.0 UJ					
BARIUM	6.6 R					
BERYLLIUM	1.0 U					
BORON	2210 J					
CADMIUM	2.0 UJ					
CALCIUM	176000					
CHROMIUM	3.0 U					
COBALT	4.0 U					
COPPER	5.4 R					
IRON	95.9 J					
LEAD	10.0 UJ					

SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SW3S					
INVESTIGATION:	PH2-1					
SAMPLE DATE:	12/17/93	/ /	/ /	/ /	/ /	/ /
LOCATION:	T3SW3S/B					
VALIDATED:	VALIDATED					
FILTERING:	Unfiltered					
FIELD DUPLICATE OF:						
METALS (µg/L)						
MAGNESIUM	575000					
MANGANESE	16.7					
MERCURY	0.31					
NICKEL	10.0 UJ					
POTASSIUM	288000					
SELENIUM	10.0 UJ					
SILVER	2.0 U					
SODIUM	596000					
THALLIUM	30.0 UJ					
VANADIUM	5.3 J					
ZINC	2.0 UJ					
MISCELLANEOUS PARAMETERS (mg/L)						
HARDNESS AS CaCO3 (MG/L)	3560					

APPENDIX H.3.2

STORM SEWERS

H.3.2.1 ZONE 1
H.3.2.2 ZONE 4
H.3.2.3 ZONE 5/6

APPENDIX H.3.2.1

ZONE 1

SUMMARY OF STORM SEWER SURFACE WATER ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	BLD_89	BLD_89	BLD_89			
INVESTIGATION:	ST_SEWER	ST_SEWER	ST_SEWER			
SAMPLE DATE:	09/21/93	02/28/95	10/08/96	/ /	/ /	/ /
LOCATION:	BLD_89	BLD_89	BLD_89			
VALIDATED:						
FILTERING:	UNFILTERED	UNFILTERED	UNFILTERED			
FIELD DUPLICATE OF:						
METALS (µg/L)						
COPPER	570	23	100			
LEAD	310	64	90			
ZINC	620	120	500			
PETROLEUM HYDROCARBONS (µg/L)						
OIL & GREASE	4000	1500	1000 U			
MISCELLANEOUS PARAMETERS (mg/L)						
CHEMICAL OXYGEN DEMAND	64	8	56.3			
FECAL COLIFORM	40	100 U	11000			
NITRATE, AS NITROGEN	0.8	0.54	1.08			
PH	6.7	6.6	4.32			
TOTAL DISSOLVED SOLIDS	52					
TOTAL KJELDAHL NITROGEN	1.54	0.23	0.42			
TOTAL PHOSPHORUS	0.14	0.1	0.14			
TOTAL SUSPENDED SOLIDS	34	190	9			

APPENDIX H.3.2.2

ZONE 4

SUMMARY OF STORM SEWER SURFACE WATER ANALYTICAL RESULTS FOR ZONE 4 LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	BLD_85	BLD_85	BLD_85			
INVESTIGATION:	ST_SEWER	ST_SEWER	ST_SEWER			
SAMPLE DATE:	02/28/95	10/08/96	06/19/97	/ /	/ /	/ /
LOCATION:	BLD_85	BLD_85	BLD_85			
VALIDATED:						
FILTERING:	Unfiltered	Unfiltered	Unfiltered			
FIELD DUPLICATE OF:						
METALS (µg/L)						
COPPER	0.12	0.26	0.01 U			
IRON			1.27			
LEAD	0.083	0.17	0.19			
MERCURY			0.002 U			
NICKEL			0.02 U			
SILVER			0.01 U			
SODIUM			121			
ZINC	0.12	0.45	0.01 U			
RCRA CHARACTERISTICS (mg/L)						
REACTIVE CYANIDE			0.005 U			
PETROLEUM HYDROCARBONS (µg/L)						
OIL & GREASE	2500	1000 U	1000 U			
MISCELLANEOUS PARAMETERS (mg/L)						
AMMONIA, AS NITROGEN			0.4			
CHEMICAL OXYGEN DEMAND	10	222	25.6			
CHLORIDE			286			
FECAL COLIFORM	100	2700	300			
MBAS (SURFACTANTS)			0.02 U			
NITRATE, AS NITROGEN	1.3	1.67	1.7			
SULFATE			66.5			
TOTAL DISSOLVED SOLIDS			60			
TOTAL KJELDAHL NITROGEN	0.32	1.26	1.68			
TOTAL PHOSPHORUS	0.1	0.21	0.16			
TOTAL SUSPENDED SOLIDS	110	201	370			

SUMMARY OF STORM SEWER SURFACE WATER ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	BLD_85	BLD_85	BLD_85			
INVESTIGATION:	ST_SEWER	ST_SEWER	ST_SEWER			
SAMPLE DATE:	02/28/95	10/08/96	06/19/97	/ /	/ /	/ /
LOCATION:	BLD_85	BLD_85	BLD_85			
VALIDATED:						
FILTERING:	Unfiltered	Unfiltered	Unfiltered			
FIELD DUPLICATE OF:						
GENERAL CHEMISTRY						
PH	6.6	5.85	5.72			

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APPENDIX H.3.2.3

ZONES 5/6

SUMMARY OF STORM SEWER SURFACE WATER ANALYTICAL RESULTS FOR ZONES 5 AND 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NOVA	NOVA	NOVA	NOVA		
INVESTIGATION:	ST_SEWER	ST_SEWER	ST_SEWER	ST_SEWER		
SAMPLE DATE:	09/21/93	02/28/95	10/08/96	06/19/97	/ /	/ /
LOCATION:	NOVA	NOVA	NOVA	NOVA		
VALIDATED:						
FILTERING:	UNFILTERED	UNFILTERED	UNFILTERED	UNFILTERED		
FIELD DUPLICATE OF:						
METALS (µg/L)						
COPPER	80	37	80	80		
IRON				540		
LEAD	20	42	80	80		
MERCURY				2 U		
NICKEL				20 U		
SILVER				10 U		
SODIUM				4150		
ZINC	210	130	380	470		
RCRA CHARACTERISTICS (mg/L)						
REACTIVE CYANIDE				0.005 U		
PETROLEUM HYDROCARBONS (µg/L)						
OIL & GREASE	2800	2300	3810	1000 U		
MISCELLANEOUS PARAMETERS (mg/L)						
AMMONIA, AS NITROGEN				0.4		
CHEMICAL OXYGEN DEMAND	41	5	192	18.7		
CHLORIDE				9.5		
FECAL COLIFORM	140 E	100 U	3500	100		
MBAS (SURFACTANTS)				0.02 U		
NITRATE, AS NITROGEN	5	1.1	1.34	0.8		
PH	6.4	6.3	8.63	5.41		
SULFATE				1 U		
TOTAL DISSOLVED SOLIDS	1301			14		
TOTAL KJELDAHL NITROGEN	1.26	0.57	0.7	1.12		
TOTAL PHOSPHORUS	0.09	0.07	0.31	0.29		

SUMMARY OF STORM SEWER SURFACE WATER ANALYTICAL RESULTS FOR ZONES 5 AND 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	NOVA	NOVA	NOVA	NOVA		
INVESTIGATION:	ST_SEWER	ST_SEWER	ST_SEWER	ST_SEWER		
SAMPLE DATE:	09/21/93	02/28/95	10/08/96	06/19/97	/ /	/ /
LOCATION:	NOVA	NOVA	NOVA	NOVA		
VALIDATED:						
FILTERING:	UNFILTERED	UNFILTERED	UNFILTERED	UNFILTERED		
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS (mg/L)						
TOTAL SUSPENDED SOLIDS	22	94	210	170		

APPENDIX H.4

SEDIMENT DATABASE

H.4.1 THAMES RIVER
H.4.2 STORM SEWERS

APPENDIX H.4.1

THAMES RIVER

H.4.1.1 UPSTREAM
H.4.1.2 DRMO
H.4.1.3 ZONE 1
H.4.1.4 ZONE 2
H.4.1.5 ZONE 3
H.4.1.6 ZONE 4
H.4.1.7 ZONE 5
H.4.1.8 ZONE 6
H.4.1.9 ZONE 7
H.4.1.10 GOSS COVE
H.4.1.11 DOWNSTREAM

APPENDIX H.4.1.1

UPSTREAM

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - UPSTREAM LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR01-02	T1SD1	T1SD2			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	ECO-2	PH2-1	PH2-1			
SAMPLE DATE:	05/03/95	11/12/93	11/12/93	/ /	/ /	/ /
LOCATION:	EC-SDTR01	T1SD1	T1SD2			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	17 U					
1,1,2,2-TETRACHLOROETHANE	17 U					
1,1,2-TRICHLOROETHANE	17 U					
1,1-DICHLOROETHANE	17 U					
1,1-DICHLOROETHENE	17 U					
1,2-DICHLOROETHANE	17 U					
1,2-DICHLOROETHENE (TOTAL)	17 U					
1,2-DICHLOROPROPANE	17 U					
2-BUTANONE	17 U					
2-HEXANONE	17 U					
4-METHYL-2-PENTANONE	17 U					
ACETONE	19					
BENZENE	17 U					
BROMODICHLOROMETHANE	17 U					
BROMOFORM	17 U					
BROMOMETHANE	17 U					
CARBON DISULFIDE	17 U					
CARBON TETRACHLORIDE	17 U					
CHLOROBENZENE	17 U					
CHLOROETHANE	17 U					
CHLOROFORM	17 U					
CHLOROMETHANE	17 U					

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - UPSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR01-02	T1SD1	T1SD2			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	ECO-2	PH2-1	PH2-1			
SAMPLE DATE:	05/03/95	11/12/93	11/12/93	/ /	/ /	/ /
LOCATION:	EC-SDTR01	T1SD1	T1SD2			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	17 U					
DIBROMOCHLOROMETHANE	17 U					
ETHYLBENZENE	17 U					
METHYLENE CHLORIDE	22 U					
STYRENE	17 U					
TETRACHLOROETHENE	17 U					
TOLUENE	17 U					
TRANS-1,3-DICHLOROPROPENE	17 U					
TRICHLOROETHENE	17 U					
VINYL ACETATE	17 U					
VINYL CHLORIDE	17 U					
XYLENES, TOTAL	17 U					
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	570 U	1800 U	1200 U			
1,2-DICHLOROBENZENE	570 U	1800 U	1200 U			
1,3-DICHLOROBENZENE	570 U	1800 U	1200 U			
1,4-DICHLOROBENZENE	570 U	1800 U	1200 U			
2,4,5-TRICHLOROPHENOL	1400 U	4300 U	3000 U			
2,4,6-TRICHLOROPHENOL	570 U	1800 U	1200 U			
2,4-DICHLOROPHENOL	570 U	1800 U	1200 U			
2,4-DIMETHYLPHENOL	570 U	1800 U	1200 U			
2,4-DINITROPHENOL	1400 U	4300 UJ	3000 UJ			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - UPSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR01-02	T1SD1	T1SD2			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	ECO-2	PH2-1	PH2-1			
SAMPLE DATE:	05/03/95	11/12/93	11/12/93	/ /	/ /	/ /
LOCATION:	EC-SDTR01	T1SD1	T1SD2			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	570 U	1800 U	1200 U			
2,6-DINITROTOLUENE	570 U	1800 U	1200 U			
2-CHLORONAPHTHALENE	570 U	1800 U	1200 U			
2-CHLOROPHENOL	570 U	1800 U	1200 U			
2-METHYLNAPHTHALENE	570 U	1800 U	1200 U			
2-METHYLPHENOL	570 U	1800 U	1200 U			
2-NITROANILINE	1400 U	4300 U	3000 U			
2-NITROPHENOL	570 U	1800 U	1200 U			
3,3'-DICHLOROBENZIDINE	570 U	1800 U	1200 U			
3-NITROANILINE	1400 U	4300 U	3000 U			
4,6-DINITRO-2-METHYLPHENOL	1400 U	4300 U	3000 U			
4-BROMOPHENYL PHENYL ETHER	570 U	1800 U	1200 U			
4-CHLORO-3-METHYLPHENOL	570 U	1800 U	1200 U			
4-CHLOROANILINE	570 U	1800 U	1200 U			
4-CHLOROPHENYL PHENYL ETHER	570 U	1800 U	1200 U			
4-METHYLPHENOL	570 U	1800 U	1200 U			
4-NITROANILINE	1400 U	4300 U	3000 U			
4-NITROPHENOL	1400 UR	4300 U	3000 U			
ACENAPHTHENE	570 U	1800 U	1200 U			
ACENAPHTHYLENE	570 U	1800 U	100 J			
ANTHRACENE	73 J	130 J	160 J			
BENZO(A)ANTHRACENE	360 J	410 J	500 J			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - UPSTREAM LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR01-02	T1SD1	T1SD2			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	ECO-2	PH2-1	PH2-1			
SAMPLE DATE:	05/03/95	11/12/93	11/12/93	/ /	/ /	/ /
LOCATION:	EC-SDTR01	T1SD1	T1SD2			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	470 J	510 J	620 J			
BENZO(B)FLUORANTHENE	570 U	880 J	1100 J			
BENZO(G,H,I)PERYLENE	200 J	380 J	370 J			
BENZO(K)FLUORANTHENE	620	1800 U	1200 U			
BENZOIC ACID	2900 U	4300 U	3000 U			
BENZYL ALCOHOL	570 U	1800 UJ	1200 UJ			
BIS(2-CHLOROETHOXY)METHANE	570 U	1800 U	1200 U			
BIS(2-CHLOROETHYL)ETHER	570 U	1800 U	1200 U			
BIS(2-CHLOROISOPROPYL) ETHER	570 U	1800 U	1200 U			
BIS(2-ETHYLHEXYL)PHTHALATE	570 U	1800 U	1200 U			
BUTYLBENZYL PHTHALATE	570 U	1800 U	1200 U			
CARBAZOLE	570 U	1800 U	81 J			
CHRYSENE	480 J	570 J	680 J			
DI-N-BUTYL PHTHALATE	570 U	1800 U	1200 U			
DI-N-OCTYL PHTHALATE	9 J	1800 UJ	1200 UJ			
DIBENZO(A,H)ANTHRACENE	66 J	1800 U	1200 U			
DIBENZOFURAN	570 U	1800 U	1200 U			
DIETHYL PHTHALATE	570 U	1800 U	1200 U			
DIMETHYL PHTHALATE	570 U	1800 U	1200 U			
FLUORANTHENE	370 J	680 J	1000 J			
FLUORENE	570 U	1800 U	1200 U			
HEXACHLOROBENZENE	570 U	1800 U	1200 U			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - UPSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR01-02	T1SD1	T1SD2			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	ECO-2	PH2-1	PH2-1			
SAMPLE DATE:	05/03/95	11/12/93	11/12/93	/ /	/ /	/ /
LOCATION:	EC-SDTR01	T1SD1	T1SD2			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
HEXACHLOROBUTADIENE	570 U	1800 U	1200 U			
HEXACHLOROCYCLOPENTADIENE	570 U	1800 UJ	1200 UJ			
HEXACHLOROETHANE	570 U	1800 U	1200 U			
INDENO(1,2,3-CD)PYRENE	220 J	470 J	500 J			
ISOPHORONE	570 U	1800 U	1200 U			
N-NITROSO-DI-N-PROPYLAMINE	570 U	1800 U	1200 U			
N-NITROSODIPHENYLAMINE	570 U	1800 U	1200 U			
NAPHTHALENE	570 U	1800 U	1200 U			
NITROBENZENE	570 U	1800 U	1200 U			
PENTACHLOROPHENOL	1400 U	4300 U	3000 U			
PHENANTHRENE	170 J	380 J	540 J			
PHENOL	570 U	1800 U	1200 U			
PYRENE	640	790 J	1000 J			
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	5.7 U	14 J	17 J			
4,4'-DDE	5.7 U	6.3 J	7.8 J			
4,4'-DDT	5.7 U	180 U	120 U			
ALDRIN	2.9 U	92 U	64 U			
ALPHA-BHC	2.9 U	92 U	64 U			
ALPHA-CHLORDANE	2.9 U	92 U	3.1 J			
AROCLOR-1016	57 U	1800 U	1200 U			
AROCLOR-1221	120 U	3600 U	2500 U			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - UPSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR01-02	T1SD1	T1SD2			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	ECO-2	PH2-1	PH2-1			
SAMPLE DATE:	05/03/95	11/12/93	11/12/93	/ /	/ /	/ /
LOCATION:	EC-SDTR01	T1SD1	T1SD2			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1232	57 U	1800 U	1200 U			
AROCLOR-1242	57 U	1800 U	1200 U			
AROCLOR-1248	57 U	1800 U	1200 U			
AROCLOR-1254	57 U	1800 U	1200 U			
AROCLOR-1260	57 U	1800 U	1200 U			
BETA-BHC	2.9 U	92 U	64 U			
DELTA-BHC	2.9 U	92 U	64 U			
DIELDRIN	5.7 U	14 J	5.3 J			
ENDOSULFAN I	2.9 U	92 U	64 U			
ENDOSULFAN II	5.7 U	180 U	120 U			
ENDOSULFAN SULFATE	5.7 U	180 U	120 U			
ENDRIN	5.7 U	180 U	120 U			
ENDRIN ALDEHYDE	5.7 U	180 U	7.5 J			
ENDRIN KETONE	5.7 U	180 U	120 U			
GAMMA-BHC (LINDANE)	2.9 U	92 U	64 U			
GAMMA-CHLORDANE	2.9 U	92 U	11 J			
HEPTACHLOR	2.9 U	14 J	64 U			
HEPTACHLOR EPOXIDE	2.9 U	92 U	64 U			
METHOXYCHLOR	29 U	920 U	640 U			
TOXAPHENE	290 U	9200 U	6400 U			
METALS (mg/kg)						
ALUMINUM	7230	13700	11500			

00006

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - UPSTREAM LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR01-02	T1SD1	T1SD2			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	ECO-2	PH2-1	PH2-1			
SAMPLE DATE:	05/03/95	11/12/93	11/12/93	/ /	/ /	/ /
LOCATION:	EC-SDTR01	T1SD1	T1SD2			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY	1.5	38.1 J	27 J			
ARSENIC	5.6	10.9 J	8.3 J			
BARIUM	27	48.5	41.6			
BERYLLIUM	0.47	0.69	0.55			
BORON	26.5	151 U	72.9 U			
CADMIUM	0.37 U	0.56 UJ	0.42 UJ			
CALCIUM	4140	5110 J	3230 J			
CHROMIUM	34	79.6 J	69 J			
COBALT	4.5	7	6.4			
COPPER	28.5	83.7	70.8			
IRON	13400	23800	18500			
LEAD	26.5	85.6	91.2			
MAGNESIUM	4700	7490	6120			
MANGANESE	162	234 J	190 J			
MERCURY	0.21 U	0.5 J	0.48 J			
NICKEL	14.3	22.6	23			
POTASSIUM	2600	3590	2720			
SELENIUM	1.8 UJ	0.56 UJ	0.76 U			
SILVER	0.73 U	1.4 U	1.3 U			
SODIUM	9450	16400	11100			
THALLIUM	1.1 UJ	0.85 UJ	0.63 UJ			
VANADIUM	23	38.7	33.4			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - UPSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR01-02	T1SD1	T1SD2			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	ECO-2	PH2-1	PH2-1			
SAMPLE DATE:	05/03/95	11/12/93	11/12/93	/ /	/ /	/ /
LOCATION:	EC-SDTR01	T1SD1	T1SD2			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ZINC	58	130 J	119 J			
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)	1.4 U					
CADMIUM(SEM)	0.22					
CHROMIUM(SEM)	5.2					
COPPER(SEM)	7.5					
LEAD(SEM)	21					
MERCURY(SEM)	0.0057 U					
NICKEL(SEM)	1.9					
ZINC(SEM)	3.1					
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE	270					
TOTAL ORGANIC CARBON	662	13000	15000			

00008

APPENDIX H.4.1.2

DRMO

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9023	MG-9035	P1A	P1B	EC-T3SD4-02	T3SD4
DEPTH (feet):	0 - 4.3'	0 - 4.3'	0 - 3'	3 - 6'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1
SAMPLE DATE:	03/08/90	03/08/90	01/01/91	01/01/91	05/03/95	11/11/93
LOCATION:	1	1	P1	P1	T3SD4	T3SD4
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE					23 U	
1,1,2,2-TETRACHLOROETHANE					23 U	
1,1,2-TRICHLOROETHANE					23 U	
1,1-DICHLOROETHANE					23 U	
1,1-DICHLOROETHENE					23 U	
1,2-DICHLOROETHANE					23 U	
1,2-DICHLOROETHENE (TOTAL)					23 U	
1,2-DICHLOROPROPANE					23 U	
2-BUTANONE					23 U	
2-HEXANONE					23 U	
4-METHYL-2-PENTANONE					23 U	
ACETONE					18 J	
BENZENE					23 U	
BROMODICHLOROMETHANE					23 U	
BROMOFORM					23 U	
BROMOMETHANE					23 U	
CARBON DISULFIDE					23 U	
CARBON TETRACHLORIDE					23 U	
CHLOROBENZENE					23 U	
CHLOROETHANE					23 U	
CHLOROFORM					23 U	
CHLOROMETHANE					23 U	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9023	MG-9035	P1A	P1B	EC-T3SD4-02	T3SD4
DEPTH (feet):	0 - 4.3'	0 - 4.3'	0 - 3'	3 - 6'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1
SAMPLE DATE:	03/08/90	03/08/90	01/01/91	01/01/91	05/03/95	11/11/93
LOCATION:	1	1	P1	P1	T3SD4	T3SD4
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE					23 U	
DIBROMOCHLOROMETHANE					23 U	
ETHYLBENZENE					23 U	
METHYLENE CHLORIDE					23 U	
STYRENE					23 U	
TETRACHLOROETHENE					23 U	
TOLUENE					23 U	
TRANS-1,3-DICHLOROPROPENE					23 U	
TRICHLOROETHENE					23 U	
VINYL ACETATE					23 U	
VINYL CHLORIDE					23 U	
XYLENES, TOTAL					23 U	
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE					750 U	1500 UJ
1,2-DICHLOROBENZENE					750 U	1500 UJ
1,3-DICHLOROBENZENE					750 U	1500 UJ
1,4-DICHLOROBENZENE					750 U	1500 UJ
2,4,5-TRICHLOROPHENOL					1800 U	3600 U
2,4,6-TRICHLOROPHENOL					750 U	1500 U
2,4-DICHLOROPHENOL					750 U	1500 UJ
2,4-DIMETHYLPHENOL					750 U	1500 UJ
2,4-DINITROPHENOL					1800 U	3600 R

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9023	MG-9035	P1A	P1B	EC-T3SD4-02	T3SD4
DEPTH (feet):	0 - 4.3'	0 - 4.3'	0 - 3'	3 - 6'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1
SAMPLE DATE:	03/08/90	03/08/90	01/01/91	01/01/91	05/03/95	11/11/93
LOCATION:	1	1	P1	P1	T3SD4	T3SD4
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE					750 U	1500 U
2,6-DINITROTOLUENE					750 U	1500 U
2-CHLORONAPHTHALENE					750 U	1500 U
2-CHLOROPHENOL					750 U	1500 UJ
2-METHYLNAPHTHALENE					750 U	1500 UJ
2-METHYLPHENOL					750 U	1500 UJ
2-NITROANILINE					1800 U	3600 U
2-NITROPHENOL					750 U	1500 UJ
3,3'-DICHLOROBENZIDINE					750 U	1500 U
3-NITROANILINE					1800 U	3600 U
4,6-DINITRO-2-METHYLPHENOL					1800 U	3600 R
4-BROMOPHENYL PHENYL ETHER					750 U	1500 U
4-CHLORO-3-METHYLPHENOL					750 U	1500 UJ
4-CHLOROANILINE					750 U	1500 UJ
4-CHLOROPHENYL PHENYL ETHER					750 U	1500 U
4-METHYLPHENOL					130 J	1500 UJ
4-NITROANILINE					1800 U	3600 U
4-NITROPHENOL					1800 UR	3600 U
ACENAPHTHENE			100 U	100 U	750 U	1500 U
ACENAPHTHYLENE			100 U	100 U	750 U	1500 U
ANTHRACENE			100 U	100 U	76 J	170 J
BENZO(A)ANTHRACENE	500		100 U	100 U	540 J	500 J

0003

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9023	MG-9035	P1A	P1B	EC-T3SD4-02	T3SD4
DEPTH (feet):	0 - 4.3'	0 - 4.3'	0 - 3'	3 - 6'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1
SAMPLE DATE:	03/08/90	03/08/90	01/01/91	01/01/91	05/03/95	11/11/93
LOCATION:	1	1	P1	P1	T3SD4	T3SD4
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	610		600	100 U	570 J	570 J
BENZO(B)FLUORANTHENE			500	100 U	750 U	480 J
BENZO(G,H,I)PERYLENE			330	100 U	210 J	210 J
BENZO(K)FLUORANTHENE			600	100 U	1100	640 J
BENZOIC ACID					3900 U	3600 U
BENZYL ALCOHOL					750 U	1500 U
BIS(2-CHLOROETHOXY)METHANE					750 U	1500 UJ
BIS(2-CHLOROETHYL)ETHER					750 U	1500 UJ
BIS(2-CHLOROISOPROPYL) ETHER					750 U	1500 UJ
BIS(2-ETHYLHEXYL)PHTHALATE					750 U	1500 U
BUTYLBENZYL PHTHALATE					420 J	1500 U
CARBAZOLE					750 U	1500 U
CHRYSENE	155		800	100 U	680 J	650 J
DI-N-BUTYL PHTHALATE					58 J	1500 U
DI-N-OCTYL PHTHALATE					750 U	1500 U
DIBENZO(A,H)ANTHRACENE			100 U	100 U	87 J	1500 U
DIBENZOFURAN					750 U	1500 U
DIETHYL PHTHALATE					750 U	1500 U
DIMETHYL PHTHALATE					750 U	1500 U
FLUORANTHENE	378		1000	100 U	740 J	1100 J
FLUORENE					750 U	1500 U
HEXACHLOROBENZENE					750 U	1500 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9023	MG-9035	P1A	P1B	EC-T3SD4-02	T3SD4
DEPTH (feet):	0 - 4.3'	0 - 4.3'	0 - 3'	3 - 6'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1
SAMPLE DATE:	03/08/90	03/08/90	01/01/91	01/01/91	05/03/95	11/11/93
LOCATION:	1	1	P1	P1	T3SD4	T3SD4
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
HEXACHLOROBUTADIENE					750 U	1500 UJ
HEXACHLOROCYCLOPENTADIENE					750 U	1500 U
HEXACHLOROETHANE					750 U	1500 UJ
INDENO(1,2,3-CD)PYRENE			350	100 U	270 J	360 J
ISOPHORONE					750 U	1500 UJ
N-NITROSO-DI-N-PROPYLAMINE					750 U	1500 UJ
N-NITROSODIPHENYLAMINE					750 U	1500 U
NAPHTHALENE			100 U	100 U	750 U	1500 UJ
NITROBENZENE					750 U	1500 UJ
PENTACHLOROPHENOL					1800 U	3600 U
PHENANTHRENE	20 U		430	100 U	310 J	400 J
PHENOL					750 U	1500 UJ
PYRENE	192		1300	100 U	960	1000 J
BUTYLTIN (µg/kg)						
DIBUTYLTIN	4 U					
MONOBUTYLTIN	20 U					
TRIBUTYLTIN	4 U					
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	20 U				110	35 J
4,4'-DDE	20 U				14 J	7.7 J
4,4'-DDT	20 U				25 J	46 J
ALDRIN	20 U				3.9 U	76 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9023	MG-9035	P1A	P1B	EC-T3SD4-02	T3SD4
DEPTH (feet):	0 - 4.3'	0 - 4.3'	0 - 3'	3 - 6'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1
SAMPLE DATE:	03/08/90	03/08/90	01/01/91	01/01/91	05/03/95	11/11/93
LOCATION:	1	1	P1	P1	T3SD4	T3SD4
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
ALPHA-BHC	20 U				3.9 U	76 U
ALPHA-CHLORDANE					3.9 U	76 U
AROCLOR-1016	10 U				75 U	1500 U
AROCLOR-1221	10 U				150 U	3000 U
AROCLOR-1232	10 U				75 U	1500 U
AROCLOR-1242	10 U				75 U	1500 U
AROCLOR-1248	10 U				75 U	1500 U
AROCLOR-1254	10 U				75 U	1500 U
AROCLOR-1260	10 U				75 U	1500 U
BETA-BHC	20 U				3.9 U	76 U
CHLORDANE	20 U					
DELTA-BHC	20 U				3.9 U	76 U
DIELDRIN	20 U				7.5 U	150 U
ENDOSULFAN I	20 U				3.9 U	76 U
ENDOSULFAN II	20 U				7.5 U	150 U
ENDOSULFAN SULFATE	20 U				7.5 U	150 U
ENDRIN	20 U				7.5 U	150 U
ENDRIN ALDEHYDE	20 U				14 J	150 U
ENDRIN KETONE					7.5 U	150 U
GAMMA-BHC (LINDANE)	20 U				3.9 U	76 U
GAMMA-CHLORDANE					3.9 U	76 U
HEPTACHLOR	20 U				3.9 U	4.2 J

90006

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9023	MG-9035	P1A	P1B	EC-T3SD4-02	T3SD4
DEPTH (feet):	0 - 4.3'	0 - 4.3'	0 - 3'	3 - 6'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1
SAMPLE DATE:	03/08/90	03/08/90	01/01/91	01/01/91	05/03/95	11/11/93
LOCATION:	1	1	P1	P1	T3SD4	T3SD4
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
HEPTACHLOR EPOXIDE	20 U				3.9 U	76 U
METHOXYCHLOR	20 U				39 U	760 U
TOXAPHENE	20 U				390 U	7600 U
METALS (mg/kg)						
ALUMINUM					6820 J	19100
ANTIMONY					2 UR	42.3 J
ARSENIC	7.68		16	16	12.2 J	12.6 J
BARIUM			77	45	28.1 J	64.2
BERYLLIUM					0.68 UR	0.8
BORON					68.2 J	200 U
CADMIUM	1.1		3.6	2.4	0.68 UR	0.76 UJ
CALCIUM					5510 J	6000 J
CHROMIUM	27.8		120	54	37.8 J	89.9 J
COBALT					4.3 J	9.9
COPPER	22.5		167	60	54.5 J	119
IRON					21500 J	30500
LEAD	28.3		160	47	47.5 J	123
MAGNESIUM					6310 J	10200
MANGANESE					170 J	293 J
MERCURY	0.09		0.4	0.1	0.38 U	0.62 J
NICKEL	13.4		63	50	16.6 J	28.6
POTASSIUM					3500 J	5160

00007

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9023	MG-9035	P1A	P1B	EC-T3SD4-02	T3SD4
DEPTH (feet):	0 - 4.3'	0 - 4.3'	0 - 3'	3 - 6'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1
SAMPLE DATE:	03/08/90	03/08/90	01/01/91	01/01/91	05/03/95	11/11/93
LOCATION:	1	1	P1	P1	T3SD4	T3SD4
VALIDATED:					VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
SELENIUM					3.4 UR	0.76 UJ
SILVER					1.4 UR	2.3 U
SODIUM					20700 J	26700
THALLIUM					2 UJ	1.1 UJ
VANADIUM					30.7 J	54.2
ZINC	47.3		295	145	125 J	173 J
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)					1.1 U	
CADMIUM(SEM)					0.22	
CHROMIUM(SEM)					3.9	
COPPER(SEM)					10	
LEAD(SEM)					19	
MERCURY(SEM)					0.0045 U	
NICKEL(SEM)					1.7	
ZINC(SEM)					41	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		103				
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE					260	
TOTAL ORGANIC CARBON	28645		388900	75550	1432	14000

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD4	T5SD4	T5SD4-D			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	PH2-1	PH2-1	PH2-1			
SAMPLE DATE:	11/11/93	11/11/93	11/11/93	/ /	/ /	/ /
LOCATION:	T4SD4	T5SD4	T5SD4			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:			T5SD4			
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	1600 U	930 U	900 U			
1,2-DICHLOROBENZENE	1600 U	930 U	900 U			
1,3-DICHLOROBENZENE	1600 U	930 U	900 U			
1,4-DICHLOROBENZENE	1600 U	930 U	900 U			
2,4,5-TRICHLOROPHENOL	3800 U	2200 U	2200 U			
2,4,6-TRICHLOROPHENOL	1600 U	930 U	900 U			
2,4-DICHLOROPHENOL	1600 U	930 U	900 U			
2,4-DIMETHYLPHENOL	1600 U	930 U	900 U			
2,4-DINITROPHENOL	3800 R	2200 R	2200 R			
2,4-DINITROTOLUENE	1600 U	930 U	900 U			
2,6-DINITROTOLUENE	1600 U	930 U	900 U			
2-CHLORONAPHTHALENE	1600 U	930 U	900 U			
2-CHLOROPHENOL	1600 U	930 U	900 U			
2-METHYLNAPHTHALENE	1600 U	930 U	900 U			
2-METHYLPHENOL	1600 U	930 U	900 U			
2-NITROANILINE	3800 U	2200 U	2200 U			
2-NITROPHENOL	1600 U	930 U	900 U			
3,3'-DICHLOROBENZIDINE	1600 U	930 U	900 U			
3-NITROANILINE	3800 U	2200 U	2200 U			
4,6-DINITRO-2-METHYLPHENOL	3800 R	2200 R	2200 R			
4-BROMOPHENYL PHENYL ETHER	1600 U	930 U	900 U			
4-CHLORO-3-METHYLPHENOL	1600 U	930 U	900 U			

60009

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD4	T5SD4	T5SD4-D			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	PH2-1	PH2-1	PH2-1			
SAMPLE DATE:	11/11/93	11/11/93	11/11/93	/ /	/ /	/ /
LOCATION:	T4SD4	T5SD4	T5SD4			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:			T5SD4			
SEMIVOLATILES (µg/kg)						
4-CHLOROANILINE	1600 U	930 U	900 U			
4-CHLOROPHENYL PHENYL ETHER	1600 U	930 U	900 U			
4-METHYLPHENOL	1600 U	930 U	900 U			
4-NITROANILINE	3800 U	2200 U	2200 U			
4-NITROPHENOL	3800 U	2200 U	2200 U			
ACENAPHTHENE	1600 U	930 U	900 U			
ACENAPHTHYLENE	1600 U	930 U	900 U			
ANTHRACENE	130 J	140 J	49 J			
BENZO(A)ANTHRACENE	300 J	360 J	170 J			
BENZO(A)PYRENE	320 J	400 J	200 J			
BENZO(B)FLUORANTHENE	200 J	230 J	120 J			
BENZO(G,H,I)PERYLENE	140 J	130 J	62 J			
BENZO(K)FLUORANTHENE	280 J	230 J	190 J			
BENZOIC ACID	3800 U	2200 U	2200 U			
BENZYL ALCOHOL	1600 U	930 U	900 U			
BIS(2-CHLOROETHOXY)METHANE	1600 U	930 U	900 U			
BIS(2-CHLOROETHYL)ETHER	1600 U	930 U	900 U			
BIS(2-CHLOROISOPROPYL) ETHER	1600 U	930 U	900 U			
BIS(2-ETHYLHEXYL)PHTHALATE	1600 U	930 U	900 U			
BUTYLBENZYL PHTHALATE	1600 U	930 U	900 U			
CARBAZOLE	1600 U	930 U	900 U			
CHRYSENE	340 J	350 J	190 J			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD4	T5SD4	T5SD4-D			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	PH2-1	PH2-1	PH2-1			
SAMPLE DATE:	11/11/93	11/11/93	11/11/93	/ /	/ /	/ /
LOCATION:	T4SD4	T5SD4	T5SD4			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:			T5SD4			
SEMIVOLATILES (µg/kg)						
DI-N-BUTYL PHTHALATE	1600 U	930 U	900 U			
DI-N-OCTYL PHTHALATE	1600 U	930 U	900 U			
DIBENZO(A,H)ANTHRACENE	1600 U	930 U	900 U			
DIBENZOFURAN	1600 U	930 U	900 U			
DIETHYL PHTHALATE	1600 U	930 U	900 U			
DIMETHYL PHTHALATE	1600 U	930 U	900 U			
FLUORANTHENE	640 J	560 J	300 J			
FLUORENE	1600 U	930 U	900 U			
HEXACHLOROBENZENE	1600 U	930 U	900 U			
HEXACHLOROBUTADIENE	1600 U	930 U	900 U			
HEXACHLOROCYCLOPENTADIENE	1600 U	930 U	900 U			
HEXACHLOROETHANE	1600 U	930 U	900 U			
INDENO(1,2,3-CD)PYRENE	160 J	170 J	90 J			
ISOPHORONE	1600 U	930 U	900 U			
N-NITROSO-DI-N-PROPYLAMINE	1600 U	930 U	900 U			
N-NITROSODIPHENYLAMINE	1600 U	930 U	900 U			
NAPHTHALENE	1600 U	930 U	900 U			
NITROBENZENE	1600 U	930 U	900 U			
PENTACHLOROPHENOL	3800 U	2200 U	2200 U			
PHENANTHRENE	490 J	290 J	140 J			
PHENOL	1600 U	930 U	900 U			
PYRENE	530 J	720 J	330 J			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD4	T5SD4	T5SD4-D			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	PH2-1	PH2-1	PH2-1			
SAMPLE DATE:	11/11/93	11/11/93	11/11/93	/ /	/ /	/ /
LOCATION:	T4SD4	T5SD4	T5SD4			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:			T5SD4			
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	160 U	93 U	90 U			
4,4'-DDE	160 U	93 U	90 U			
4,4'-DDT	160 U	93 U	90 U			
ALDRIN	81 U	48 U	47 U			
ALPHA-BHC	81 U	48 U	47 U			
ALPHA-CHLORDANE	81 U	48 U	47 U			
AROCLOR-1016	1600 U	930 U	900 U			
AROCLOR-1221	3200 U	1900 U	1800 U			
AROCLOR-1232	1600 U	930 U	900 U			
AROCLOR-1242	1600 U	930 U	900 U			
AROCLOR-1248	1600 U	930 U	900 U			
AROCLOR-1254	1600 U	930 U	900 U			
AROCLOR-1260	1600 U	930 U	900 U			
BETA-BHC	81 U	48 U	47 U			
DELTA-BHC	81 U	48 U	47 U			
DIELDRIN	160 U	93 U	4.8 J			
ENDOSULFAN I	81 U	48 U	47 U			
ENDOSULFAN II	160 U	93 U	90 U			
ENDOSULFAN SULFATE	160 U	93 U	90 U			
ENDRIN	160 U	93 U	90 U			
ENDRIN ALDEHYDE	160 U	93 U	90 U			
ENDRIN KETONE	160 U	93 U	90 U			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD4	T5SD4	T5SD4-D			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	PH2-1	PH2-1	PH2-1			
SAMPLE DATE:	11/11/93	11/11/93	11/11/93	/ /	/ /	/ /
LOCATION:	T4SD4	T5SD4	T5SD4			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:			T5SD4			
PESTICIDES/PCBs (µg/kg)						
GAMMA-BHC (LINDANE)	81 U	48 U	47 U			
GAMMA-CHLORDANE	81 U	48 U	47 U			
HEPTACHLOR	81 U	48 U	3.6 J			
HEPTACHLOR EPOXIDE	81 U	48 U	47 U			
METHOXYCHLOR	810 U	480 U	470 U			
TOXAPHENE	8100 U	4800 U	4700 U			
METALS (mg/kg)						
ALUMINUM	7470	6120	5110			
ANTIMONY	14.9 J	12 J	9.8 J			
ARSENIC	4.9 J	2.2 J	2.7 J			
BARIUM	24.5	21.6	18.4			
BERYLLIUM	0.26	0.22	0.16			
BORON	66.4 U	43.5 U	59.3 U			
CADMIUM	0.29 UJ	0.29 UJ	0.29 UJ			
CALCIUM	4910 J	2010 J	4730 J			
CHROMIUM	27.8 J	23.6 J	20.4 J			
COBALT	3.6	3.4	3			
COPPER	28.3	20.3	16.9			
IRON	11400	8490	7150			
LEAD	28.2 J	20.8	17.4			
MAGNESIUM	4090	3320	2980			
MANGANESE	137 J	99.5 J	84.8 J			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DRMO
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD4	T5SD4	T5SD4-D			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	PH2-1	PH2-1	PH2-1			
SAMPLE DATE:	11/11/93	11/11/93	11/11/93	/ /	/ /	/ /
LOCATION:	T4SD4	T5SD4	T5SD4			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:			T5SD4			
METALS (mg/kg)						
MERCURY	0.14 UJ	0.14 UJ	0.17 J			
NICKEL	11.1	10.1	8.5			
POTASSIUM	1900	1460	1300			
SELENIUM	0.29 U	0.29 U	0.29 U			
SILVER	0.43 UJ	0.5 U	0.47 U			
SODIUM	5330	4080	4000			
THALLIUM	0.43 UJ	0.43 UJ	0.43 UJ			
VANADIUM	20.7	17.6	15.3			
ZINC	38.5 J	38.6 J	32.4 J			
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	7600	7200				

APPENDIX H.4.1.3

ZONE 1

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	10S	8N	EC-SDTR05-02	M1A	M1B	LS1SD00101
DEPTH (feet):	0 - 6'	0 - 6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	01/01/95	01/01/95	05/03/95	01/01/92	01/01/92	10/21/97
LOCATION:	10S	8N	EC-SDTR05	M1	M1	SW/SD1-1RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED		EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE			32 U			
1,1,2,2-TETRACHLOROETHANE			32 U			
1,1,2-TRICHLOROETHANE			32 U			
1,1-DICHLOROETHANE			32 U			
1,1-DICHLOROETHENE			32 U			
1,2-DICHLOROETHANE			32 U			
1,2-DICHLOROETHENE (TOTAL)			32 U			
1,2-DICHLOROPROPANE			32 U			
2-BUTANONE			74 J			
2-HEXANONE			32 U			
4-METHYL-2-PENTANONE			32 U			
ACETONE			200			
BENZENE			32 U			
BROMODICHLOROMETHANE			32 U			
BROMOFORM			32 U			
BROMOMETHANE			32 U			
CARBON DISULFIDE			32 U			
CARBON TETRACHLORIDE			32 U			
CHLOROBENZENE			32 U			
CHLOROETHANE			32 U			
CHLOROFORM			32 U			
CHLOROMETHANE			32 U			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	10S	8N	EC-SDTR05-02	M1A	M1B	LS1SD00101
DEPTH (feet):	0 - 6'	0 - 6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	01/01/95	01/01/95	05/03/95	01/01/92	01/01/92	10/21/97
LOCATION:	10S	8N	EC-SDTR05	M1	M1	SW/SD1-1RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED		EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE			32 U			
DIBROMOCHLOROMETHANE			32 U			
ETHYLBENZENE			32 U			
METHYLENE CHLORIDE			32 U			
STYRENE			32 U			
TETRACHLOROETHENE			32 U			
TOLUENE			32 U			
TRANS-1,3-DICHLOROPROPENE			32 U			
TRICHLOROETHENE			32 U			
VINYL ACETATE			32 U			
VINYL CHLORIDE			32 U			
XYLENES, TOTAL			32 U			
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE			1100 U			1100 U
1,2-DICHLOROBENZENE			1100 U			1100 U
1,3-DICHLOROBENZENE			1100 U			1100 U
1,4-DICHLOROBENZENE			1100 U			1100 U
2,2'-OXYBIS(1-CHLOROPROPANE)						1100 U
2,4,5-TRICHLOROPHENOL			2600 U			2800 U
2,4,6-TRICHLOROPHENOL			1100 U			1100 U
2,4-DICHLOROPHENOL			1100 U			1100 U
2,4-DIMETHYLPHENOL			1100 U			1100 U

20002

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	10S	8N	EC-SDTR05-02	M1A	M1B	LS1SD00101
DEPTH (feet):	0 - 6'	0 - 6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	01/01/95	01/01/95	05/03/95	01/01/92	01/01/92	10/21/97
LOCATION:	10S	8N	EC-SDTR05	M1	M1	SW/SD1-1RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED		EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROPHENOL			2600 U			2800 U
2,4-DINITROTOLUENE			1100 U			1100 U
2,6-DINITROTOLUENE			1100 U			1100 U
2-CHLORONAPHTHALENE			1100 U			1100 U
2-CHLOROPHENOL			1100 U			1100 U
2-METHYLNAPHTHALENE			1100 U			1100 U
2-METHYLPHENOL			1100 U			1100 U
2-NITROANILINE			2600 U			2800 U
2-NITROPHENOL			1100 U			1100 U
3,3'-DICHLOROBENZIDINE			1100 U			1100 UJ
3-NITROANILINE			2600 U			2800 U
4,6-DINITRO-2-METHYLPHENOL			2600 U			2800 U
4-BROMOPHENYL PHENYL ETHER			1100 U			1100 U
4-CHLORO-3-METHYLPHENOL			1100 U			1100 U
4-CHLOROANILINE			1100 U			1100 U
4-CHLOROPHENYL PHENYL ETHER			1100 U			1100 U
4-METHYLPHENOL			1100 U			1100 U
4-NITROANILINE			2600 U			2800 UJ
4-NITROPHENOL			2600 U			2800 U
ACENAPHTHENE	350	520	1100 U	100 U	100 U	120 J
ACENAPHTHYLENE	89 U	77 U	69 J	300	600	1100 U
ANTHRACENE	120	170	200 J	400	850	530 J

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	10S	8N	EC-SDTR05-02	M1A	M1B	LS1SD00101
DEPTH (feet):	0 - 6'	0 - 6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	01/01/95	01/01/95	05/03/95	01/01/92	01/01/92	10/21/97
LOCATION:	10S	8N	EC-SDTR05	M1	M1	SW/SD1-1RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED		EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)ANTHRACENE	190	260	1100	1400	2900	1200
BENZO(A)PYRENE	230	230	880 J	1300	2600	650 J
BENZO(B)FLUORANTHENE	210	230	740 J	1200	2400	670 J
BENZO(G,H,I)PERYLENE	130	140	520 J	500	880	440 J
BENZO(K)FLUORANTHENE	89	110	880 J	750	2300	750 J
BENZOIC ACID			5500 U			
BENZYL ALCOHOL			1100 U			
BIPHENYL	99 U	87 U				
BIS(2-CHLOROETHOXY)METHANE			1100 U			1100 U
BIS(2-CHLOROETHYL)ETHER			1100 U			1100 U
BIS(2-CHLOROISOPROPYL) ETHER			1100 U			
BIS(2-ETHYLHEXYL)PHTHALATE			1100 U			1100 U
BUTYLBENZYL PHTHALATE			1100 U			1100 U
CARBAZOLE			62 J			67 J
CHRYSENE	150 U	130 U	1300	1500	3100	1600
DI-N-BUTYL PHTHALATE			55 J			2900
DI-N-OCTYL PHTHALATE			1100 U			1100 UJ
DIBENZO(A,H)ANTHRACENE	30	38	220 J	100 U	240	180 J
DIBENZOFURAN			1100 U			73 J
DIETHYL PHTHALATE			1100 U			1100 U
DIMETHYL PHTHALATE			1100 U			1100 U
FLUORANTHENE	510	610	1600	1600	3000	2900

00004

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	10S	8N	EC-SDTR05-02	M1A	M1B	LS1SD00101
DEPTH (feet):	0 - 6'	0 - 6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	01/01/95	01/01/95	05/03/95	01/01/92	01/01/92	10/21/97
LOCATION:	10S	8N	EC-SDTR05	M1	M1	SW/SD1-1RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED		EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
FLUORENE	67	130	77 J			150 J
HEXACHLOROBENZENE			1100 U			1100 UJ
HEXACHLOROBUTADIENE			1100 U			1100 U
HEXACHLOROCYCLOPENTADIENE			1100 UJ			1100 UJ
HEXACHLOROETHANE			1100 U			1100 U
INDENO(1,2,3-CD)PYRENE	40	75	460 J	525	950	430 J
ISOPHORONE			1100 U			1100 U
N-NITROSO-DI-N-PROPYLAMINE			1100 U			1100 U
N-NITROSODIPHENYLAMINE			1100 U			1100 U
NAPHTHALENE	140	560	60 J	100 U	300	120 J
NITROBENZENE			1100 U			1100 U
PENTACHLOROPHENOL			2600 U			2800 U
PHENANTHRENE	140	230	470 J	700	1900	870 J
PHENOL			1100 U			1100 U
PYRENE	730	520	2200	2700	5200	1900
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	4.6 U	4 U	110 U			
4,4'-DDE	4.6 U	4 U	110 U			
4,4'-DDT	4.6 U	4 U	110 U			
ALDRIN	4.6 U	4 U	55 U			
ALPHA-BHC	4.6 U	4 U	55 U			
ALPHA-CHLORDANE			55 U			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	10S	8N	EC-SDTR05-02	M1A	M1B	LS1SD00101
DEPTH (feet):	0 - 6'	0 - 6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	01/01/95	01/01/95	05/03/95	01/01/92	01/01/92	10/21/97
LOCATION:	10S	8N	EC-SDTR05	M1	M1	SW/SD1-1RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED		EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1016	89 U	77 U	1100 U			
AROCLOR-1221	89 U	77 U	2200 U			
AROCLOR-1232	89 U	77 U	1100 U			
AROCLOR-1242	89 U	77 U	1100 U			
AROCLOR-1248	89 U	77 U	1100 U			
AROCLOR-1254	89 U	77 U	1100 U			
AROCLOR-1260	89 U	77 U	1100 U			
BETA-BHC	5.6	4 U	55 U			
CHLORDANE	4.6 U	4.0 U				
DELTA-BHC	4.6 U	4 U	55 U			
DIELDRIN	4.6 U	4 U	110 U			
ENDOSULFAN I	4.6 U	4 U	55 U			
ENDOSULFAN II	4.6 U	4 U	110 U			
ENDOSULFAN SULFATE	4.6 U	4 U	110 U			
ENDRIN	4.6 U	4 U	110 U			
ENDRIN ALDEHYDE	4.6 U	4 U	24 R			
ENDRIN KETONE			110 U			
GAMMA-BHC (LINDANE)	4.6 U	4 U	55 U			
GAMMA-CHLORDANE			55 U			
HEPTACHLOR	4.6 U	4 U	55 U			
HEPTACHLOR EPOXIDE	4.6 U	4 U	55 U			
METHOXYCHLOR	9.1 U	8 U	550 U			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	10S	8N	EC-SDTR05-02	M1A	M1B	LS1SD00101
DEPTH (feet):	0 - 6'	0 - 6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	01/01/95	01/01/95	05/03/95	01/01/92	01/01/92	10/21/97
LOCATION:	10S	8N	EC-SDTR05	M1	M1	SW/SD1-1RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED		EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
TOXAPHENE	180 U	160 U	5500 U			
METALS (mg/kg)						
ALUMINUM			12900			13500 J
ANTIMONY			2.6			0.67 UJ
ARSENIC	11.9	10.6	14.5	12	14	14.1
BARIUM			58.8	69	83	47.9
BERYLLIUM			0.93			0.18 J
BORON			55.8			
CADMIUM	1.1	1	0.66 U	2	3.3	0.96
CALCIUM			6680			8460 J
CHROMIUM	92.2	82.2	74.8	150	230	61.5
COBALT			8			7.1
COPPER	118	102	119	165	290	111 J
IRON			29600			27400
LEAD	188	127	96.7	170	250	96.1 J
MAGNESIUM			9300			9380
MANGANESE			322			314
MERCURY	0.6	0.5	0.53 U	0.6	0.9	0.35 J
NICKEL	32.5	24.9	31.2	49	59	24.3
POTASSIUM			5010			4230
SELENIUM			3.3 UJ			0.53 U
SILVER			1.3 U			0.76 J

00007

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	10S	8N	EC-SDTR05-02	M1A	M1B	LS1SD00101
DEPTH (feet):	0 - 6'	0 - 6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	01/01/95	01/01/95	05/03/95	01/01/92	01/01/92	10/21/97
LOCATION:	10S	8N	EC-SDTR05	M1	M1	SW/SD1-1RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED		EXCAVATED	EXCAVATED	
FIELD DUPLICATE OF:						
METALS (mg/kg)						
SODIUM			23400			25000
THALLIUM			2 UJ			1.3 U
VANADIUM			46.3			42.0
ZINC	251	196	231	189	345	236
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)			2.3 U			
CADMIUM(SEM)			0.59			0.78
CHROMIUM(SEM)			15			
COPPER(SEM)			35			106 J
LEAD(SEM)			75			116 J
MERCURY(SEM)			0.0094 U			
NICKEL(SEM)			6.3			18.8
ZINC(SEM)			110			273 J
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE			3300			2900 J
AMMONIA, AS NITROGEN						150
TOTAL ORGANIC CARBON	46000	36000	1270	74300	212500	53000
GENERAL CHEMISTRY						
PH						8.4

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SD00201	LS1SD00301	LS1SD00401			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	/ /	/ /	/ /
LOCATION:	SW/SD2-1RI	SW/SD3-1RI	SW/SD4-1RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	1100 U	1200 U	760 U			
1,2-DICHLOROBENZENE	1100 U	1200 U	760 U			
1,3-DICHLOROBENZENE	1100 U	1200 U	760 U			
1,4-DICHLOROBENZENE	1100 U	1200 U	760 U			
2,2'-OXYBIS(1-CHLOROPROPANE)	1100 U	1200 U	760 U			
2,4,5-TRICHLOROPHENOL	2800 U	2900 U	1900 U			
2,4,6-TRICHLOROPHENOL	1100 U	1200 U	760 U			
2,4-DICHLOROPHENOL	1100 U	1200 U	760 U			
2,4-DIMETHYLPHENOL	1100 U	1200 U	760 U			
2,4-DINITROPHENOL	2800 U	2900 U	1900 U			
2,4-DINITROTOLUENE	1100 U	1200 U	760 U			
2,6-DINITROTOLUENE	1100 U	1200 U	760 U			
2-CHLORONAPHTHALENE	1100 U	1200 U	760 U			
2-CHLOROPHENOL	1100 U	1200 U	760 U			
2-METHYLNAPHTHALENE	1100 U	1200 U	760 U			
2-METHYLPHENOL	1100 U	1200 U	760 U			
2-NITROANILINE	2800 U	2900 U	1900 U			
2-NITROPHENOL	1100 U	1200 U	760 U			
3,3'-DICHLOROBENZIDINE	1100 UJ	1200 UJ	760 UJ			
3-NITROANILINE	2800 U	2900 U	1900 U			
4,6-DINITRO-2-METHYLPHENOL	2800 U	2900 U	1900 U			
4-BROMOPHENYL PHENYL ETHER	1100 U	1200 U	760 U			

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SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SD00201	LS1SD00301	LS1SD00401			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	/ /	/ /	/ /
LOCATION:	SW/SD2-1RI	SW/SD3-1RI	SW/SD4-1RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	1100 U	1200 U	760 U			
4-CHLOROANILINE	1100 U	1200 U	760 U			
4-CHLOROPHENYL PHENYL ETHER	1100 U	1200 U	760 U			
4-METHYLPHENOL	1100 U	1200 U	760 U			
4-NITROANILINE	2800 UJ	2900 UJ	1900 UJ			
4-NITROPHENOL	2800 U	2900 U	1900 U			
ACENAPHTHENE	140 J	100 J	60 J			
ACENAPHTHYLENE	1100 U	1200 U	760 U			
ANTHRACENE	220 J	300 J	340 J			
BENZO(A)ANTHRACENE	930 J	1100 J	1400			
BENZO(A)PYRENE	530 J	560 J	640 J			
BENZO(B)FLUORANTHENE	580 J	630 J	820 J			
BENZO(G,H,I)PERYLENE	500 J	480 J	480 J			
BENZO(K)FLUORANTHENE	550 J	520 J	630 J			
BIS(2-CHLOROETHOXY)METHANE	1100 U	1200 U	760 U			
BIS(2-CHLOROETHYL)ETHER	1100 U	1200 U	760 U			
BIS(2-ETHYLHEXYL)PHTHALATE	1100 U	1200 U	760 U			
BUTYLBENZYL PHTHALATE	1100 U	1200 U	760 U			
CARBAZOLE	1100 U	1200 U	59 J			
CHRYSENE	1200	1300	1500			
DI-N-BUTYL PHTHALATE	1100 U	1300	760 U			
DI-N-OCTYL PHTHALATE	1100 UJ	1200 UJ	760 UJ			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SD00201	LS1SD00301	LS1SD00401			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	/ /	/ /	/ /
LOCATION:	SW/SD2-1RI	SW/SD3-1RI	SW/SD4-1RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	110 J	190 J	210 J			
DIBENZOFURAN	1100 U	1200 U	49 J			
DIETHYL PHTHALATE	1100 U	1200 U	760 U			
DIMETHYL PHTHALATE	1100 U	1200 U	760 U			
FLUORANTHENE	2400	2900	2600			
FLUORENE	100 J	130 J	130 J			
HEXACHLOROBENZENE	1100 UJ	1200 UJ	760 UJ			
HEXACHLOROBUTADIENE	1100 U	1200 U	760 U			
HEXACHLOROCYCLOPENTADIENE	1100 UJ	1200 UJ	760 UJ			
HEXACHLOROETHANE	1100 U	1200 U	760 U			
INDENO(1,2,3-CD)PYRENE	440 J	400 J	540 J			
ISOPHORONE	1100 U	1200 U	760 U			
N-NITROSO-DI-N-PROPYLAMINE	1100 U	1200 U	760 U			
N-NITROSODIPHENYLAMINE	1100 U	1200 U	760 U			
NAPHTHALENE	1100 U	1200 U	760 U			
NITROBENZENE	1100 U	1200 U	760 U			
PENTACHLOROPHENOL	2800 U	2900 U	1900 U			
PHENANTHRENE	730 J	980 J	860			
PHENOL	1100 U	1200 U	760 U			
PYRENE	1900	2300	2400			
METALS (mg/kg)						
ALUMINUM	15000 J	17400 J	12200 J			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SD00201	LS1SD00301	LS1SD00401			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	/ /	/ /	/ /
LOCATION:	SW/SD2-1RI	SW/SD3-1RI	SW/SD4-1RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY	0.60 UJ	0.78 UJ	0.50 UJ			
ARSENIC	13.1	15.8	11.7			
BARIUM	50.6	59.8	44.9			
BERYLLIUM	0.38 J	0.48 J	0.20 J			
CADMIUM	1.0	1.2	0.92			
CALCIUM	6270 J	7760 J	6020 J			
CHROMIUM	64.2	80.7	53.6			
COBALT	7.8	9.2	6.4			
COPPER	272 J	146 J	110 J			
IRON	27800	34100	22300			
LEAD	80.1 J	111 J	71.7 J			
MAGNESIUM	9420	10600	6780			
MANGANESE	311	401	258			
MERCURY	0.30 J	0.39 J	0.35 J			
NICKEL	26.2	34.7	23.7			
POTASSIUM	4500	5120	3410			
SELENIUM	0.76 U	1.4 U	0.77 U			
SILVER	0.64 J	0.87 J	0.66 J			
SODIUM	25100	25700	13200			
THALLIUM	1.2 U	1.5 U	0.98 U			
VANADIUM	46.4	52.1	38.6			
ZINC	221	281	216			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 1
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS1SD00201	LS1SD00301	LS1SD00401			
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'			
INVESTIGATION:	1997RI	1997RI	1997RI			
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	/ /	/ /	/ /
LOCATION:	SW/SD2-1RI	SW/SD3-1RI	SW/SD4-1RI			
VALIDATED:	VALIDATED	VALIDATED	VALIDATED			
SAMPLE TYPE:	GRAB	GRAB	GRAB			
STATUS:						
FIELD DUPLICATE OF:						
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
CADMIUM(SEM)	0.71	0.83	0.61			
COPPER(SEM)	376 J	119 J	86.0 J			
LEAD(SEM)	84.0 J	103 J	61.7 J			
NICKEL(SEM)	17.8	21.3	13.2			
ZINC(SEM)	256 J	233 J	508 J			
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE	1000 J	1100 J	1200 J			
AMMONIA, AS NITROGEN	85	100	63 U			
TOTAL ORGANIC CARBON	55000	61000	41000			
GENERAL CHEMISTRY						
PH	8	7.9	8			

APPENDIX H.4.1.4

ZONE 2

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9004	8S	LS2SD00101	LS2SD00201	T3SD2	
DEPTH (feet):	0 - 3.8'	0 - 6'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	TR_DREDGE	1997RI	1997RI	PH2-1	
SAMPLE DATE:	03/07/90	01/01/95	10/21/97	10/21/97	11/09/93	/ /
LOCATION:	10	8S	SW/SD1-2RI	SW/SD2-2RI	T3SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE			1100 U	1200 U	1600 U	
1,2-DICHLOROBENZENE			1100 U	1200 U	1600 U	
1,3-DICHLOROBENZENE			1100 U	1200 U	1600 U	
1,4-DICHLOROBENZENE			1100 U	1200 U	1600 U	
2,2'-OXYBIS(1-CHLOROPROPANE)			1100 U	1200 U		
2,4,5-TRICHLOROPHENOL			2700 U	3100 U	3900 U	
2,4,6-TRICHLOROPHENOL			1100 U	1200 U	1600 U	
2,4-DICHLOROPHENOL			1100 U	1200 U	1600 U	
2,4-DIMETHYLPHENOL			1100 U	1200 U	1600 U	
2,4-DINITROPHENOL			2700 U	3100 U	3900 UJ	
2,4-DINITROTOLUENE			1100 U	1200 U	1600 U	
2,6-DINITROTOLUENE			1100 U	1200 U	1600 U	
2-CHLORONAPHTHALENE			1100 U	1200 U	1600 U	
2-CHLOROPHENOL			1100 U	1200 U	1600 U	
2-METHYLNAPHTHALENE			1100 U	1200 U	1600 U	
2-METHYLPHENOL			1100 U	1200 U	1600 U	
2-NITROANILINE			2700 U	3100 U	3900 U	
2-NITROPHENOL			1100 U	1200 U	1600 U	
3,3'-DICHLOROBENZIDINE			1100 UJ	1200 U	1600 U	
3-NITROANILINE			2700 U	3100 U	3900 U	
4,6-DINITRO-2-METHYLPHENOL			2700 U	3100 U	3900 U	
4-BROMOPHENYL PHENYL ETHER			1100 U	1200 U	1600 U	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9004	8S	LS2SD00101	LS2SD00201	T3SD2	
DEPTH (feet):	0 - 3.8'	0 - 6'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	TR_DREDGE	1997RI	1997RI	PH2-1	
SAMPLE DATE:	03/07/90	01/01/95	10/21/97	10/21/97	11/09/93	/ /
LOCATION:	10	8S	SW/SD1-2RI	SW/SD2-2RI	T3SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL			1100 U	1200 U	1600 U	
4-CHLOROANILINE			1100 U	1200 U	1600 U	
4-CHLOROPHENYL PHENYL ETHER			1100 U	1200 U	1600 U	
4-METHYLPHENOL			1100 U	1200 U	1600 U	
4-NITROANILINE			2700 UJ	3100 U	3900 U	
4-NITROPHENOL			2700 U	3100 U	3900 U	
ACENAPHTHENE		430	230 J	760 J	1600 U	
ACENAPHTHYLENE		80 U	1100 U	1200 U	1600 U	
ANTHRACENE		100	250 J	470 J	150 J	
BENZO(A)ANTHRACENE	20 U	240	1400	1100 J	460 J	
BENZO(A)PYRENE	20 U	210	720 J	540 J	520 J	
BENZO(B)FLUORANTHENE		200	900 J	680 J	450 J	
BENZO(G,H,I)PERYLENE		130	500 J	280 J	400 J	
BENZO(K)FLUORANTHENE		96	710 J	480 J	470 J	
BENZOIC ACID					3900 U	
BENZYL ALCOHOL					1600 UJ	
BIPHENYL		89 U				
BIS(2-CHLOROETHOXY)METHANE			1100 U	1200 U	1600 U	
BIS(2-CHLOROETHYL)ETHER			1100 U	1200 U	1600 U	
BIS(2-CHLOROISOPROPYL) ETHER					1600 U	
BIS(2-ETHYLHEXYL)PHTHALATE			1100 U	1200 U	1600 U	
BUTYLBENZYL PHTHALATE			1100 U	1200 U	1600 U	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9004	8S	LS2SD00101	LS2SD00201	T3SD2	
DEPTH (feet):	0 - 3.8'	0 - 6'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	TR_DREDGE	1997RI	1997RI	PH2-1	
SAMPLE DATE:	03/07/90	01/01/95	10/21/97	10/21/97	11/09/93	/ /
LOCATION:	10	8S	SW/SD1-2RI	SW/SD2-2RI	T3SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
CARBAZOLE			94 J	72 J	1600 U	
CHRYSENE	20 U	130 U	1600	1200 J	680 J	
DI-N-BUTYL PHTHALATE			1100 U	2900	1600 U	
DI-N-OCTYL PHTHALATE			1100 UJ	1200 UJ	1600 UJ	
DIBENZO(A,H)ANTHRACENE		31	210 J	120 J	1600 U	
DIBENZOFURAN			86 J	220 J	1600 U	
DIETHYL PHTHALATE			1100 U	1200 U	1600 U	
DIMETHYL PHTHALATE			1100 U	1200 U	1600 U	
FLUORANTHENE	20 U	600	4700	4200	830 J	
FLUORENE		65	140 J	390 J	1600 U	
HEXACHLOROBENZENE			1100 UJ	1200 U	1600 U	
HEXACHLOROBUTADIENE			1100 U	1200 U	1600 U	
HEXACHLOROCYCLOPENTADIENE			1100 UJ	1200 U	1600 UJ	
HEXACHLOROETHANE			1100 U	1200 U	1600 U	
INDENO(1,2,3-CD)PYRENE		67	520 J	340 J	420 J	
ISOPHORONE			1100 U	1200 U	1600 U	
N-NITROSO-DI-N-PROPYLAMINE			1100 U	1200 U	1600 U	
N-NITROSODIPHENYLAMINE			1100 U	1200 U	1600 U	
NAPHTHALENE		220	63 J	1200 U	1600 U	
NITROBENZENE			1100 U	1200 U	1600 U	
PENTACHLOROPHENOL			2700 U	3100 U	3900 U	
PHENANTHRENE	20 U	160	1100 J	1800	430 J	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9004	8S	LS2SD00101	LS2SD00201	T3SD2	
DEPTH (feet):	0 - 3.8'	0 - 6'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	TR_DREDGE	1997RI	1997RI	PH2-1	
SAMPLE DATE:	03/07/90	01/01/95	10/21/97	10/21/97	11/09/93	/ /
LOCATION:	10	8S	SW/SD1-2RI	SW/SD2-2RI	T3SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
PHENOL			68 J	1200 U	1600 U	
PYRENE	20 U	390	3100	2000	790 J	
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	20 U	4.1 U			160 U	
4,4'-DDE	20 U	4.1 U			160 U	
4,4'-DDT	20 U	4.1 U			160 U	
ALDRIN	20 U	4.1 U			83 U	
ALPHA-BHC	20 U	4.1 U			83 U	
ALPHA-CHLORDANE					83 U	
AROCLOR-1016	10 U	80 U			1600 U	
AROCLOR-1221	10 U	80 U			3300 U	
AROCLOR-1232	10 U	80 U			1600 U	
AROCLOR-1242	10 U	80 U			1600 U	
AROCLOR-1248	10 U	80 U			1600 U	
AROCLOR-1254	10 U	80 U			1600 U	
AROCLOR-1260	10 U	80 U			1600 U	
BETA-BHC	20 U	7.2			83 U	
CHLORDANE	20 U	41 U				
DELTA-BHC	20 U	4.1 U			83 U	
DIELDRIN	20 U	4.1 U			160 U	
ENDOSULFAN I	20 U	4.1 U			83 U	
ENDOSULFAN II	20 U	4.1 U			160 U	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9004	8S	LS2SD00101	LS2SD00201	T3SD2	
DEPTH (feet):	0 - 3.8'	0 - 6'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	TR_DREDGE	1997RI	1997RI	PH2-1	
SAMPLE DATE:	03/07/90	01/01/95	10/21/97	10/21/97	11/09/93	/ /
LOCATION:	10	8S	SW/SD1-2RI	SW/SD2-2RI	T3SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
ENDOSULFAN SULFATE	20 U	4.1 U			160 U	
ENDRIN	20 U	4.1 U			160 U	
ENDRIN ALDEHYDE	20 U	4.1 U			160 U	
ENDRIN KETONE					160 U	
GAMMA-BHC (LINDANE)	20 U	4.1 U			83 U	
GAMMA-CHLORDANE					83 U	
HEPTACHLOR	20 U	4.1 U			83 U	
HEPTACHLOR EPOXIDE	20 U	4.1 U			83 U	
METHOXYCHLOR	20 U	8.2 U			830 U	
TOXAPHENE	20 U	160 U			8300 U	
METALS (mg/kg)						
ALUMINUM			17900 J	16400 J	16400	
ANTIMONY			0.67 UJ	0.76 UJ	40.9 J	
ARSENIC	4.31	11.8	15.5	15.0	6.9 J	
BARIUM			96.4	62.0	63.5	
BERYLLIUM			0.94 J	0.87 U	0.63	
BORON					134 U	
CADMIUM	1.25	1	0.74 J	0.85	0.51 UJ	
CALCIUM			7580 J	10100 J	8010 J	
CHROMIUM	24.9	76.6	81.5	74.9	65.6 J	
COBALT			9.1	8.6	7.5	
COPPER	10	93.5	136 J	129 J	80.5	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9004	8S	LS2SD00101	LS2SD00201	T3SD2	
DEPTH (feet):	0 - 3.8'	0 - 6'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	TR_DREDGE	1997RI	1997RI	PH2-1	
SAMPLE DATE:	03/07/90	01/01/95	10/21/97	10/21/97	11/09/93	/ /
LOCATION:	10	8S	SW/SD1-2RI	SW/SD2-2RI	T3SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:						
METALS (mg/kg)						
IRON			35800	32100	26500	
LEAD	24.4	121	128 J	223 J	95.7	
MAGNESIUM			10600	10600	8480	
MANGANESE			383	378	287 J	
MERCURY	0.03	0.5	0.39 J	0.46 J	0.63 J	
NICKEL	15.5	30.1	32.1	29.3	32.1	
POTASSIUM			5180	4950	4840	
SELENIUM			0.92 J	1.1	0.68 U	
SILVER			0.72 J	0.84 J	1.8 U	
SODIUM			22400	26200	16300	
THALLIUM			1.3 U	1.5 U	0.76 UJ	
VANADIUM			56.1	52.6	43.1	
ZINC	43.2	186	224	204	139 J	
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
CADMIUM(SEM)			0.82	0.80		
COPPER(SEM)			96.5 J	116 J		
LEAD(SEM)			105 J	192 J		
NICKEL(SEM)			18.7	20.5		
ZINC(SEM)			186 J	224 J		
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE			450 J	2100 J		
AMMONIA, AS NITROGEN			98	150		

900110

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 2
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9004	8S	LS2SD00101	LS2SD00201	T3SD2	
DEPTH (feet):	0 - 3.8'	0 - 6'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	TR_DREDGE	1997RI	1997RI	PH2-1	
SAMPLE DATE:	03/07/90	01/01/95	10/21/97	10/21/97	11/09/93	/ /
LOCATION:	10	8S	SW/SD1-2RI	SW/SD2-2RI	T3SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED				
FIELD DUPLICATE OF:						
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	22532	40000	53000	64000	12000	
GENERAL CHEMISTRY						
PH			8	8.4		

APPENDIX H.4.1.5

ZONE 3

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SD00101	LS3SD00201	SDFD001	EC-T4SD2-02	T4SD2	T5SD2
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	1997RI	1997RI	1997RI	ECO-2	PH2-1	PH2-1
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	05/03/95	11/09/93	11/09/93
LOCATION:	SW/SD1-3RI	SW/SD2-3RI	SW/SD2-3RI	T4SD2	T4SD2	T5SD2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS3SD00201			
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE				28 U		
1,1,2,2-TETRACHLOROETHANE				28 U		
1,1,2-TRICHLOROETHANE				28 U		
1,1-DICHLOROETHANE				28 U		
1,1-DICHLOROETHENE				28 U		
1,2-DICHLOROETHANE				28 U		
1,2-DICHLOROETHENE (TOTAL)				28 U		
1,2-DICHLOROPROPANE				28 U		
2-BUTANONE				58 J		
2-HEXANONE				28 U		
4-METHYL-2-PENTANONE				28 U		
ACETONE				240		
BENZENE				28 U		
BROMODICHLOROMETHANE				28 U		
BROMOFORM				28 U		
BROMOMETHANE				28 U		
CARBON DISULFIDE				28 U		
CARBON TETRACHLORIDE				28 U		
CHLOROBENZENE				28 U		
CHLOROETHANE				28 U		
CHLOROFORM				28 U		
CHLOROMETHANE				28 U		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SD00101	LS3SD00201	SDFD001	EC-T4SD2-02	T4SD2	T5SD2
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	1997RI	1997RI	1997RI	ECO-2	PH2-1	PH2-1
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	05/03/95	11/09/93	11/09/93
LOCATION:	SW/SD1-3RI	SW/SD2-3RI	SW/SD2-3RI	T4SD2	T4SD2	T5SD2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS3SD00201			
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE				28 U		
DIBROMOCHLOROMETHANE				28 U		
ETHYLBENZENE				28 U		
METHYLENE CHLORIDE				28 U		
STYRENE				28 U		
TETRACHLOROETHENE				28 U		
TOLUENE				28 U		
TRANS-1,3-DICHLOROPROPENE				28 U		
TRICHLOROETHENE				28 U		
VINYL ACETATE				28 U		
VINYL CHLORIDE				28 U		
XYLENES, TOTAL				28 U		
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
1,2-DICHLOROBENZENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
1,3-DICHLOROBENZENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
1,4-DICHLOROBENZENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
2,2'-OXYBIS(1-CHLOROPROPANE)	1100 U	1100 U	1100 U			
2,4,5-TRICHLOROPHENOL	2700 U	2800 U	2700 U	2300 U	5200 U	1900 U
2,4,6-TRICHLOROPHENOL	1100 U	1100 U	1100 U	940 U	2100 U	780 U
2,4-DICHLOROPHENOL	1100 U	1100 U	1100 U	940 U	2100 U	780 U
2,4-DIMETHYLPHENOL	1100 U	1100 U	1100 U	940 U	2100 U	780 U

0002

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SD00101	LS3SD00201	SDFD001	EC-T4SD2-02	T4SD2	T5SD2
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	1997RI	1997RI	1997RI	ECO-2	PH2-1	PH2-1
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	05/03/95	11/09/93	11/09/93
LOCATION:	SW/SD1-3RI	SW/SD2-3RI	SW/SD2-3RI	T4SD2	T4SD2	T5SD2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS3SD00201			
SEMIVOLATILES (µg/kg)						
2,4-DINITROPHENOL	2700 U	2800 U	2700 U	2300 U	5200 UJ	1900 U
2,4-DINITROTOLUENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
2,6-DINITROTOLUENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
2-CHLORONAPHTHALENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
2-CHLOROPHENOL	1100 U	1100 U	1100 U	940 U	2100 U	780 U
2-METHYLNAPHTHALENE	1100 U	120 J	1100 U	940 U	2100 U	780 U
2-METHYLPHENOL	1100 U	1100 U	1100 U	940 U	2100 U	780 U
2-NITROANILINE	2700 U	2800 U	2700 U	2300 U	5200 U	1900 U
2-NITROPHENOL	1100 U	1100 U	1100 U	940 U	2100 U	780 U
3,3'-DICHLOROBENZIDINE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
3-NITROANILINE	2700 U	2800 U	2700 U	2300 U	5200 U	1900 U
4,6-DINITRO-2-METHYLPHENOL	2700 U	2800 U	2700 U	2300 U	5200 U	1900 U
4-BROMOPHENYL PHENYL ETHER	1100 U	1100 U	1100 U	940 U	2100 U	780 U
4-CHLORO-3-METHYLPHENOL	1100 U	1100 U	1100 U	940 U	2100 U	780 U
4-CHLOROANILINE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
4-CHLOROPHENYL PHENYL ETHER	1100 U	1100 U	1100 U	940 U	2100 U	780 U
4-METHYLPHENOL	1100 U	68 J	1100 U	940 U	2100 U	780 U
4-NITROANILINE	2700 U	2800 U	2700 U	2300 U	5200 U	1900 U
4-NITROPHENOL	2700 U	2800 U	2700 U	2300 U	5200 U	1900 U
ACENAPHTHENE	260 J	1100 J	560 J	940 U	140 J	780 U
ACENAPHTHYLENE	66 J	63 J	1100 U	52 J	170 J	780 U
ANTHRACENE	710 J	1600	950 J	220 J	680 J	780 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SD00101	LS3SD00201	SDFD001	EC-T4SD2-02	T4SD2	T5SD2
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	1997RI	1997RI	1997RI	ECO-2	PH2-1	PH2-1
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	05/03/95	11/09/93	11/09/93
LOCATION:	SW/SD1-3RI	SW/SD2-3RI	SW/SD2-3RI	T4SD2	T4SD2	T5SD2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS3SD00201			
SEMIVOLATILES (µg/kg)						
BENZO(A)ANTHRACENE	2500	4100	2500	1100	2000 J	780 U
BENZO(A)PYRENE	1400	1900	1200	870 J	1400 J	88 J
BENZO(B)FLUORANTHENE	1500	2300	1400	940 U	1800 J	780 U
BENZO(G,H,I)PERYLENE	740 J	870 J	600 J	420 J	660 J	780 U
BENZO(K)FLUORANTHENE	1300	2000	1100 J	1400	880 J	780 U
BENZOIC ACID				4900 U	5200 U	780 U
BENZYL ALCOHOL				940 U	2100 UJ	780 U
BIS(2-CHLOROETHOXY)METHANE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
BIS(2-CHLOROETHYL)ETHER	1100 U	1100 U	1100 U	940 U	2100 U	780 U
BIS(2-CHLOROISOPROPYL) ETHER				940 U	2100 U	780 U
BIS(2-ETHYLHEXYL)PHTHALATE	1100 U	1100 U	1100 U	940 U	2100 U	90 J
BUTYLBENZYL PHTHALATE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
CARBAZOLE	230 J	340 J	180 J	84 J	140 J	780 U
CHRYSENE	2900	4500	3000	1300	2000 J	780 U
DI-N-BUTYL PHTHALATE	2300	11000	11000	50 J	160 J	780 U
DI-N-OCTYL PHTHALATE	1100 UJ	1100 UJ	1100 UJ	940 U	2100 UJ	780 U
DIBENZO(A,H)ANTHRACENE	340 J	440 J	240 J	200 J	2100 U	780 U
DIBENZOFURAN	100 J	460 J	200 J	940 U	110 J	780 U
DIETHYL PHTHALATE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
DIMETHYL PHTHALATE	1100 U	1100 U	55 J	940 U	2100 U	780 U
FLUORANTHENE	8600	12000	8400	2900	5300	780 U
FLUORENE	200 J	700 J	410 J	80 J	190 J	780 U

40004

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SD00101	LS3SD00201	SDFD001	EC-T4SD2-02	T4SD2	T5SD2
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	1997RI	1997RI	1997RI	ECO-2	PH2-1	PH2-1
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	05/03/95	11/09/93	11/09/93
LOCATION:	SW/SD1-3RI	SW/SD2-3RI	SW/SD2-3RI	T4SD2	T4SD2	T5SD2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS3SD00201			
SEMIVOLATILES (µg/kg)						
HEXACHLOROBENZENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
HEXACHLOROBUTADIENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
HEXACHLOROCYCLOPENTADIENE	1100 U	1100 U	1100 U	940 U	2100 UJ	780 U
HEXACHLOROETHANE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
INDENO(1,2,3-CD)PYRENE	830 J	1100 J	730 J	450 J	850 J	780 U
ISOPHORONE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
N-NITROSO-DI-N-PROPYLAMINE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
N-NITROSODIPHENYLAMINE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
NAPHTHALENE	110 J	230 J	160 J	66 J	2100 U	780 U
NITROBENZENE	1100 U	1100 U	1100 U	940 U	2100 U	780 U
PENTACHLOROPHENOL	2700 U	2800 U	2700 U	2300 U	5200 U	1900 U
PHENANTHRENE	1500	4200	2000	470 J	2100 J	780 U
PHENOL	1100 U	150 J	120 J	940 U	2100 U	780 U
PYRENE	3600	6400	4100	2000	5300 J	780 U
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD				94 U	210 U	160 U
4,4'-DDE				94 U	210 U	160 U
4,4'-DDT				94 U	210 U	160 U
ALDRIN				48 U	110 U	81 U
ALPHA-BHC				48 U	110 U	81 U
ALPHA-CHLORDANE				48 U	110 U	81 U
AROCLOR-1016				940 U	2100 U	1600 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SD00101	LS3SD00201	SDFD001	EC-T4SD2-02	T4SD2	T5SD2
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	1997RI	1997RI	1997RI	ECO-2	PH2-1	PH2-1
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	05/03/95	11/09/93	11/09/93
LOCATION:	SW/SD1-3RI	SW/SD2-3RI	SW/SD2-3RI	T4SD2	T4SD2	T5SD2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS3SD00201			
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1221				1900 U	4200 U	3200 U
AROCLOR-1232				940 U	2100 U	1600 U
AROCLOR-1242				940 U	2100 U	1600 U
AROCLOR-1248				940 U	2100 U	1600 U
AROCLOR-1254				940 U	2100 U	1600 U
AROCLOR-1260				940 U	2100 U	1600 U
BETA-BHC				48 U	110 U	81 U
DELTA-BHC				48 U	110 U	81 U
DIELDRIN				94 U	210 U	160 U
ENDOSULFAN I				48 U	110 U	81 U
ENDOSULFAN II				94 U	210 U	160 U
ENDOSULFAN SULFATE				94 U	210 U	160 U
ENDRIN				94 U	210 U	160 U
ENDRIN ALDEHYDE				23 R	210 U	160 U
ENDRIN KETONE				94 U	210 U	160 U
GAMMA-BHC (LINDANE)				48 U	3.8 J	81 U
GAMMA-CHLORDANE				48 U	110 U	81 U
HEPTACHLOR				48 U	110 U	81 U
HEPTACHLOR EPOXIDE				48 U	110 U	81 U
METHOXYCHLOR				480 U	1100 U	810 U
TOXAPHENE				4800 U	11000 U	8100 U

00006

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SD00101	LS3SD00201	SDFD001	EC-T4SD2-02	T4SD2	T5SD2
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	1997RI	1997RI	1997RI	ECO-2	PH2-1	PH2-1
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	05/03/95	11/09/93	11/09/93
LOCATION:	SW/SD1-3RI	SW/SD2-3RI	SW/SD2-3RI	T4SD2	T4SD2	T5SD2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS3SD00201			
METALS (mg/kg)						
ALUMINUM	14200 J	15700 J	17600 J	18500	17600	15200
ANTIMONY	0.54 UJ	1.2 J	0.61 UJ	2.6	41.1 J	30.4 J
ARSENIC	11.8	14.2	15.7	18.5	13.2 J	7.8 J
BARIUM	54.4	70.3	79.9	79	70	41.8
BERYLLIUM	0.73	0.85	1.1 J	1.2	0.78	0.54
BORON				69.2	160 U	185 U
CADMIUM	0.70	0.98	1.5 J	0.61	0.65 UJ	0.55 UJ
CALCIUM	6050 J	14900	11300	9440	6550 J	9840 J
CHROMIUM	68.6	79.7	89.7	100	83.5 J	37.1 J
COBALT	7.4	8.3	9.5	10.9	8.3	7.3
COPPER	105 J	140	202	176	118	22.6
IRON	27500	33500	35300	40400	28800	22400
LEAD	149 J	1040 J	1380 J	122	139	12.7
MAGNESIUM	9120	12200	10100	11900	9460	7930
MANGANESE	297	354	361	466	356 J	245 J
MERCURY	0.38 J	0.46 J	0.53 J	0.43 U	0.56 J	0.28 UJ
NICKEL	26.1	32.0	35.4	54.6	34.3	18.8
POTASSIUM	4390	4570	4850	6280	4940	4330
SELENIUM	0.78	1.1	0.94 J	2.9 UJ	0.65 UJ	0.55 UJ
SILVER	0.56 J	0.83 J	0.89 J	1.4	2.2 U	1.1 U
SODIUM	23700	24300	20600	22900	21500	16500
THALLIUM	1.1 U	1.3 U	1.2 U	1.8 UJ	0.97 UJ	0.83 UJ

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 3
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS3SD00101	LS3SD00201	SDFD001	EC-T4SD2-02	T4SD2	T5SD2
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	1997RI	1997RI	1997RI	ECO-2	PH2-1	PH2-1
SAMPLE DATE:	10/21/97	10/21/97	10/21/97	05/03/95	11/09/93	11/09/93
LOCATION:	SW/SD1-3RI	SW/SD2-3RI	SW/SD2-3RI	T4SD2	T4SD2	T5SD2
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:			LS3SD00201			
METALS (mg/kg)						
VANADIUM	45.3	50.1	54.4	64.3	51	40.7
ZINC	186	286	349	235	194 J	59.6 J
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)				2.3 U		
CADMIUM(SEM)	1.2	1.0	1.2	0.59		
CHROMIUM(SEM)				15		
COPPER(SEM)	114 J	128 J	113 J	51		
LEAD(SEM)	178 J	1280 J	1230 J	76		
MERCURY(SEM)				0.0091 U		
NICKEL(SEM)	22.2	22.2	21.1	8.1		
ZINC(SEM)	243 J	372 J	292 J	110		
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE	1500 J	940 J	3100 J	1700		
AMMONIA, AS NITROGEN	57 U	140	110			
TOTAL ORGANIC CARBON	67000	63000	62000	1136	16000	11000
GENERAL CHEMISTRY						
PH	8.1	9.2	9.1			

00008

APPENDIX H.4.1.6

ZONE 4

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9010	MG-9019	MG-9022	EC-SDTR06-02	DUP-07	LS4SD00101
DEPTH (feet):	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	ECO-2	ECO-2	1997RI
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	05/03/95	05/03/95	10/21/97
LOCATION:	11	11	11	EC-SDTR06	EC-SDTR06	SW/SD1-4RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					EC-SDTR06-02	
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE			10 U	30 U	33 U	
1,1,2,2-TETRACHLOROETHANE			10 U	30 U	33 U	
1,1,2-TRICHLOROETHANE			10 U	30 U	33 U	
1,1-DICHLOROETHANE			10 U	30 U	33 U	
1,1-DICHLOROETHENE			10 U	30 U	33 U	
1,2-DICHLOROETHANE			10 U	30 U	33 U	
1,2-DICHLOROETHENE (TOTAL)				30 U	33 U	
1,2-DICHLOROPROPANE			10 U	30 U	33 U	
2-BUTANONE				74 J	190 J	
2-CHLOROETHYL VINYL ETHER			100 U			
2-HEXANONE				30 U	33 U	
4-METHYL-2-PENTANONE				30 U	33 U	
ACETONE				390	640	
ACROLEIN			100 U			
ACRYLONITRILE			100 U			
BENZENE			10 U	30 U	33 U	
BROMODICHLOROMETHANE			10 U	30 U	33 U	
BROMOFORM			10 U	30 U	33 U	
BROMOMETHANE			10 U	30 U	33 U	
CARBON DISULFIDE				30 U	33 U	
CARBON TETRACHLORIDE			10 U	30 U	33 U	
CHLOROBENZENE			10 U	30 U	33 U	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9010	MG-9019	MG-9022	EC-SDTR06-02	DUP-07	LS4SD00101
DEPTH (feet):	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	ECO-2	ECO-2	1997RI
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	05/03/95	05/03/95	10/21/97
LOCATION:	11	11	11	EC-SDTR06	EC-SDTR06	SW/SD1-4RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					EC-SDTR06-02	
VOLATILES (µg/kg)						
CHLOROETHANE			10 U	30 U	33 U	
CHLOROFORM			10 U	30 U	33 U	
CHLOROMETHANE			10 U	30 U	33 U	
CIS-1,3-DICHLOROPROPENE			10 U	30 U	33 U	
DIBROMOCHLOROMETHANE			10 U	30 U	33 U	
ETHYLBENZENE			10 U	30 U	33 U	
METHYLENE CHLORIDE			100 U	30 U	33 U	
STYRENE				30 U	33 U	
TETRACHLOROETHENE			10 U	30 U	33 U	
TOLUENE			10 U	30 U	33 U	
TRANS-1,2-DICHLOROETHENE			10 U			
TRANS-1,3-DICHLOROPROPENE			10 U	30 U	33 U	
TRICHLOROETHENE			10 U	30 U	33 U	
TRICHLOROFLUOROMETHANE			10 U			
VINYL ACETATE				30 U	33 U	
VINYL CHLORIDE			10 U	30 U	33 U	
XYLENES, TOTAL			10 U	30 U	33 U	
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE				1000 U	1100 U	690 U
1,2-DICHLOROBENZENE			10 U	1000 U	1100 U	690 U
1,3-DICHLOROBENZENE			10 U	1000 U	1100 U	690 U
1,4-DICHLOROBENZENE			10 U	1000 U	1100 U	690 U

20002

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9010	MG-9019	MG-9022	EC-SDTR06-02	DUP-07	LS4SD00101
DEPTH (feet):	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	ECO-2	ECO-2	1997RI
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	05/03/95	05/03/95	10/21/97
LOCATION:	11	11	11	EC-SDTR06	EC-SDTR06	SW/SD1-4RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					EC-SDTR06-02	
SEMIVOLATILES (µg/kg)						
2,2'-OXYBIS(1-CHLOROPROPANE)						690 U
2,4,5-TRICHLOROPHENOL				2400 U	2700 U	1700 U
2,4,6-TRICHLOROPHENOL				1000 U	1100 U	690 U
2,4-DICHLOROPHENOL				1000 U	1100 U	690 U
2,4-DIMETHYLPHENOL				1000 U	1100 U	690 U
2,4-DINITROPHENOL				2400 U	2700 U	1700 U
2,4-DINITROTOLUENE				1000 U	1100 U	690 U
2,6-DINITROTOLUENE				1000 U	1100 U	690 U
2-CHLORONAPHTHALENE				1000 U	1100 U	690 U
2-CHLOROPHENOL				1000 U	1100 U	690 U
2-METHYLNAPHTHALENE				1000 U	1100 U	53 J
2-METHYLPHENOL				1000 U	1100 U	690 U
2-NITROANILINE				2400 U	2700 U	1700 U
2-NITROPHENOL				1000 U	1100 U	690 U
3,3'-DICHLOROBENZIDINE				1000 U	1100 U	690 U
3-NITROANILINE				2400 U	2700 U	1700 U
4,6-DINITRO-2-METHYLPHENOL				2400 U	2700 U	1700 U
4-BROMOPHENYL PHENYL ETHER				1000 U	1100 U	690 U
4-CHLORO-3-METHYLPHENOL				1000 U	1100 U	690 U
4-CHLOROANILINE				1000 U	1100 U	690 U
4-CHLOROPHENYL PHENYL ETHER				1000 U	1100 U	690 U
4-METHYLPHENOL				1000 U	1100 U	690 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9010	MG-9019	MG-9022	EC-SDTR06-02	DUP-07	LS4SD00101
DEPTH (feet):	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	ECO-2	ECO-2	1997RI
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	05/03/95	05/03/95	10/21/97
LOCATION:	11	11	11	EC-SDTR06	EC-SDTR06	SW/SD1-4RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					EC-SDTR06-02	
SEMIVOLATILES (µg/kg)						
4-NITROANILINE				2400 U	2700 U	1700 U
4-NITROPHENOL				2400 U	2700 U	1700 U
ACENAPHTHENE				1000 U	1100 U	320 J
ACENAPHTHYLENE				1000 U	66 J	76 J
ANTHRACENE				280 J	340 J	1100
BENZO(A)ANTHRACENE	548			1300	1100	4400
BENZO(A)PYRENE	300			1100	1000 J	1900
BENZO(B)FLUORANTHENE				990 J	1000 J	2500
BENZO(G,H,I)PERYLENE				530 J	520 J	970
BENZO(K)FLUORANTHENE				1200	840 J	2000
BENZOIC ACID				5200 U	5700 U	
BENZYL ALCOHOL				1000 U	1100 U	
BIS(2-CHLOROETHOXY)METHANE				1000 U	1100 U	690 U
BIS(2-CHLOROETHYL)ETHER				1000 U	1100 U	690 U
BIS(2-CHLOROISOPROPYL) ETHER				1000 U	1100 U	
BIS(2-ETHYLHEXYL)PHTHALATE				1000 U	1100 U	780
BUTYLBENZYL PHTHALATE				1000 U	1100 U	690 U
CARBAZOLE				67 J	75 J	280 J
CHRYSENE	310			1600	1600	4800
DI-N-BUTYL PHTHALATE				1000 U	58 J	690 U
DI-N-OCTYL PHTHALATE				1000 U	1100 U	690 U
DIBENZO(A,H)ANTHRACENE				240 J	240 J	510 J

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9010	MG-9019	MG-9022	EC-SDTR06-02	DUP-07	LS4SD00101
DEPTH (feet):	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	ECO-2	ECO-2	1997RI
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	05/03/95	05/03/95	10/21/97
LOCATION:	11	11	11	EC-SDTR06	EC-SDTR06	SW/SD1-4RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					EC-SDTR06-02	
SEMIVOLATILES (µg/kg)						
DIBENZOFURAN				55 J	1100 U	190 J
DIETHYL PHTHALATE				1000 U	1100 U	690 U
DIMETHYL PHTHALATE				1000 U	1100 U	690 U
FLUORANTHENE	463			3800	2700	16000
FLUORENE				87 J	100 J	300 J
HEXACHLOROBENZENE				1000 U	1100 U	690 U
HEXACHLOROBUTADIENE				1000 U	1100 U	690 U
HEXACHLOROCYCLOPENTADIENE				1000 UJ	1100 U	690 U
HEXACHLOROETHANE				1000 U	1100 U	690 U
INDENO(1,2,3-CD)PYRENE				570 J	500 J	1100
ISOPHORONE				1000 U	1100 U	690 U
N-NITROSO-DI-N-PROPYLAMINE				1000 U	1100 U	690 U
N-NITROSODIPHENYLAMINE				1000 U	1100 U	690 U
NAPHTHALENE				1000 U	1100 U	220 J
NITROBENZENE				1000 U	1100 U	690 U
PENTACHLOROPHENOL				2400 U	2700 U	1700 U
PHENANTHRENE	157			540 J	530 J	1600
PHENOL				1000 U	1100 U	690 U
PYRENE	187			2800	2600	12000
BUTYLTIN (µg/kg)						
DIBUTYLTIN	4 U					
MONOBUTYLTIN	20 U					

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9010	MG-9019	MG-9022	EC-SDTR06-02	DUP-07	LS4SD00101
DEPTH (feet):	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	ECO-2	ECO-2	1997RI
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	05/03/95	05/03/95	10/21/97
LOCATION:	11	11	11	EC-SDTR06	EC-SDTR06	SW/SD1-4RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					EC-SDTR06-02	
BUTYLTIN (µg/kg)						
TRIBUTYLTIN	4 U					
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	20 U			100 U	110 U	
4,4'-DDE	20 U			100 U	110 U	
4,4'-DDT	20 U			100 U	110 U	
ALDRIN	20 U			52 U	57 U	
ALPHA-BHC	20 U			52 U	57 U	
ALPHA-CHLORDANE				52 U	57 U	
AROCLOR-1016	10 U			1000 U	1100 U	
AROCLOR-1221	10 U			2000 U	2200 U	
AROCLOR-1232	10 U			1000 U	1100 U	
AROCLOR-1242	10 U			1000 U	1100 U	
AROCLOR-1248	10 U			1000 U	1100 U	
AROCLOR-1254	10 U			1000 U	1100 U	
AROCLOR-1260	10 U			1000 U	1100 U	
BETA-BHC	20 U			52 U	57 U	
CHLORDANE	20 U					
DELTA-BHC	20 U			52 U	57 U	
DIELDRIN	20 U			100 U	110 U	
ENDOSULFAN I	20 U			52 U	57 U	
ENDOSULFAN II	20 U			100 U	110 U	
ENDOSULFAN SULFATE	20 U			100 U	110 U	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9010	MG-9019	MG-9022	EC-SDTR06-02	DUP-07	LS4SD00101
DEPTH (feet):	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	ECO-2	ECO-2	1997RI
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	05/03/95	05/03/95	10/21/97
LOCATION:	11	11	11	EC-SDTR06	EC-SDTR06	SW/SD1-4RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					EC-SDTR06-02	
PESTICIDES/PCBs (µg/kg)						
ENDRIN	20 U			100 U	110 U	
ENDRIN ALDEHYDE	20 U			25 R	29 R	
ENDRIN KETONE				100 U	110 U	
GAMMA-BHC (LINDANE)	20 U			52 U	57 U	
GAMMA-CHLORDANE				52 U	57 U	
HEPTACHLOR	20 U			52 U	57 U	
HEPTACHLOR EPOXIDE	20 U			52 U	57 U	
METHOXYCHLOR	20 U			520 U	570 U	
TOXAPHENE	20 U			5200 U	5700 U	
METALS (mg/kg)						
ALUMINUM				14100 J	15100	12800 J
ANTIMONY				2 UR	2 UJ	1.7 J
ARSENIC	5.82			13 J	14.6	8.7
BARIUM				59.7 J	65.8	63.8
BERYLLIUM				0.97 J	1	7.6
BORON				56.1 J	59.2	
CADMIUM	1.24			0.68 UR	0.66 U	1.1 J
CALCIUM				7800 J	8710	11300 J
CHROMIUM	50			75.3 J	83.1	128
COBALT				8.2 J	9	13.1
COPPER	36.9			112 J	128	268 J
IRON				30600 J	33300	25600

00007

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9010	MG-9019	MG-9022	EC-SDTR06-02	DUP-07	LS4SD00101
DEPTH (feet):	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	ECO-2	ECO-2	1997RI
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	05/03/95	05/03/95	10/21/97
LOCATION:	11	11	11	EC-SDTR06	EC-SDTR06	SW/SD1-4RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					EC-SDTR06-02	
METALS (mg/kg)						
LEAD	58.1			105 J	114	569 J
MAGNESIUM				9690 J	10400	5770
MANGANESE				322 J	357	233
MERCURY	0.3			0.47 U	0.45 U	0.39 J
NICKEL	13.6			33.5 J	37.2	75.8
POTASSIUM				5480 J	5740	2650
SELENIUM				3.4 UR	3.3 UJ	0.48 J
SILVER				1.4 UR	1.3 U	0.53 J
SODIUM				24800 J	25100	11900
THALLIUM				2.3 J	2 UJ	0.78 U
VANADIUM				49.6 J	54.1	31.3
ZINC	64.0			199 J	213	1650
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)				2.3 U	2.3 U	
CADMIUM(SEM)				0.55	0.62	1.5
CHROMIUM(SEM)				13	14	
COPPER(SEM)				26	23	173 J
LEAD(SEM)				75	83	272 J
MERCURY(SEM)				0.0091 U	0.0094 U	
NICKEL(SEM)				6.6	6.5	46.0
ZINC(SEM)				120	110	1140 J

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9010	MG-9019	MG-9022	EC-SDTR06-02	DUP-07	LS4SD00101
DEPTH (feet):	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	ECO-2	ECO-2	1997RI
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	05/03/95	05/03/95	10/21/97
LOCATION:	11	11	11	EC-SDTR06	EC-SDTR06	SW/SD1-4RI
VALIDATED:				VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:					EC-SDTR06-02	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		589				
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE				2800	3400	1200 J
AMMONIA, AS NITROGEN						68
TOTAL ORGANIC CARBON	42654			1499	1190	38000
GENERAL CHEMISTRY						
PH						8.3

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SD00201	LS4SD00301				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	10/21/97	10/21/97	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-4RI	SW/SD3-4RI				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	1100 U	830 U				
1,2-DICHLOROBENZENE	1100 U	830 U				
1,3-DICHLOROBENZENE	1100 U	830 U				
1,4-DICHLOROBENZENE	1100 U	830 U				
2,2'-OXYBIS(1-CHLOROPROPANE)	1100 U	830 U				
2,4,5-TRICHLOROPHENOL	2800 U	2100 U				
2,4,6-TRICHLOROPHENOL	1100 U	830 U				
2,4-DICHLOROPHENOL	1100 U	830 U				
2,4-DIMETHYLPHENOL	1100 U	830 U				
2,4-DINITROPHENOL	2800 UJ	2100 U				
2,4-DINITROTOLUENE	1100 U	830 U				
2,6-DINITROTOLUENE	1100 U	830 U				
2-CHLORONAPHTHALENE	1100 U	830 U				
2-CHLOROPHENOL	1100 U	830 U				
2-METHYLNAPHTHALENE	1100 U	61 J				
2-METHYLPHENOL	1100 U	830 U				
2-NITROANILINE	2800 U	2100 U				
2-NITROPHENOL	1100 U	830 U				
3,3'-DICHLOROBENZIDINE	1100 U	830 U				
3-NITROANILINE	2800 U	2100 U				
4,6-DINITRO-2-METHYLPHENOL	2800 UJ	2100 U				
4-BROMOPHENYL PHENYL ETHER	1100 U	830 U				

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SD00201	LS4SD00301				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	10/21/97	10/21/97	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-4RI	SW/SD3-4RI				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	1100 U	830 U				
4-CHLOROANILINE	1100 U	830 U				
4-CHLOROPHENYL PHENYL ETHER	1100 U	830 U				
4-METHYLPHENOL	1100 U	830 U				
4-NITROANILINE	2800 U	2100 U				
4-NITROPHENOL	2800 U	2100 U				
ACENAPHTHENE	140 J	580 J				
ACENAPHTHYLENE	1100 U	830 U				
ANTHRACENE	220 J	1100				
BENZO(A)ANTHRACENE	760 J	3200				
BENZO(A)PYRENE	460 J	1500				
BENZO(B)FLUORANTHENE	460 J	2300				
BENZO(G,H,I)PERYLENE	320 J	730 J				
BENZO(K)FLUORANTHENE	430 J	1300				
BIS(2-CHLOROETHOXY)METHANE	1100 U	830 U				
BIS(2-CHLOROETHYL)ETHER	1100 U	830 U				
BIS(2-ETHYLHEXYL)PHTHALATE	1100 U	830 U				
BUTYLBENZYL PHTHALATE	1100 UJ	830 U				
CARBAZOLE	1100 U	290 J				
CHRYSENE	850 J	3500				
DI-N-BUTYL PHTHALATE	1100 U	4700				
DI-N-OCTYL PHTHALATE	1100 UJ	830 UJ				

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SD00201	LS4SD00301				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	10/21/97	10/21/97	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-4RI	SW/SD3-4RI				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	140 J	420 J				
DIBENZOFURAN	1100 U	240 J				
DIETHYL PHTHALATE	1100 U	830 U				
DIMETHYL PHTHALATE	1100 U	830 U				
FLUORANTHENE	1700	9000				
FLUORENE	57 J	490 J				
HEXACHLOROBENZENE	1100 U	830 U				
HEXACHLOROBUTADIENE	1100 U	830 U				
HEXACHLOROCYCLOPENTADIENE	1100 UJ	830 U				
HEXACHLOROETHANE	1100 U	830 U				
INDENO(1,2,3-CD)PYRENE	380 J	920				
ISOPHORONE	1100 U	830 U				
N-NITROSO-DI-N-PROPYLAMINE	1100 U	830 U				
N-NITROSODIPHENYLAMINE	1100 U	830 U				
NAPHTHALENE	1100 U	140 J				
NITROBENZENE	1100 U	830 U				
PENTACHLOROPHENOL	2800 U	2100 U				
PHENANTHRENE	450 J	2800				
PHENOL	1100 UJ	830 U				
PYRENE	1400	6000				
METALS (mg/kg)						
ALUMINUM	18500 J	13600 J				

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SD00201	LS4SD00301				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	10/21/97	10/21/97	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-4RI	SW/SD3-4RI				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY	0.83 UJ	0.52 J				
ARSENIC	16.0	13.4				
BARIUM	70.0	75.5				
BERYLLIUM	0.99	6.6				
CADMIUM	0.78 J	1.1 J				
CALCIUM	8550 J	20400 J				
CHROMIUM	85.8	400				
COBALT	9.5	12.3				
COPPER	140 J	278 J				
IRON	35700	30700				
LEAD	138 J	365 J				
MAGNESIUM	10800	8090				
MANGANESE	395	381				
MERCURY	0.42 J	0.47 J				
NICKEL	33.7	69.2				
POTASSIUM	5240	3600				
SELENIUM	0.90 J	0.66 J				
SILVER	0.95 J	0.76 J				
SODIUM	24400	15900				
THALLIUM	1.6 U	0.94 U				
VANADIUM	58.0	39.0				
ZINC	224	810				

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SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 4
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS4SD00201	LS4SD00301				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	1997RI	1997RI				
SAMPLE DATE:	10/21/97	10/21/97	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-4RI	SW/SD3-4RI				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
CADMIUM(SEM)	0.65	1.4				
COPPER(SEM)	83.2 J	177 J				
LEAD(SEM)	140 J	510 J				
NICKEL(SEM)	18.2	51.1				
ZINC(SEM)	186 J	808 J				
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE	420 J	1400 J				
AMMONIA, AS NITROGEN	69 U	61 U				
TOTAL ORGANIC CARBON	24000	70000				
GENERAL CHEMISTRY						
PH	8.1	8.6				

APPENDIX H.4.1.7

ZONE 5

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9001	MG-9015	MG-9003	MG-9016	MG-9008	MG-9006
DEPTH (feet):	0 - 3.8'	0 - 3.8'	0 - 6'	0 - 6'	0 - 5.9'	0 - 5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF
SAMPLE DATE:	03/06/90	03/07/90	03/06/90	03/06/90	03/07/90	03/07/90
LOCATION:	2	2	3	3	5	6
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)ANTHRACENE	20 U		20 U		20 U	483
BENZO(A)PYRENE	20 U		20 U		20 U	78
CHRYSENE	20 U		20 U		67	70
FLUORANTHENE	20 U		20 U		20 U	85
PHENANTHRENE	20 U		20 U		20 U	20 U
PYRENE	103		106		88	20 U
BUTYLTIN (µg/kg)						
DIBUTYLTIN			4 U			
MONOBUTYLTIN			20 U			
TRIBUTYLTIN			4 U			
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	20 U		20 U		20 U	20 U
4,4'-DDE	20 U		20 U		20 U	20 U
4,4'-DDT	20 U		20 U		20 U	20 U
ALDRIN	20 U		20 U		20 U	20 U
ALPHA-BHC	20 U		20 U		20 U	20 U
AROCLOR-1016	10 U		10 U		10 U	10 U
AROCLOR-1221	10 U		10 U		10 U	10 U
AROCLOR-1232	10 U		10 U		10 U	10 U
AROCLOR-1242	10 U		10 U		10 U	10 U
AROCLOR-1248	10 U		10 U		10 U	10 U
AROCLOR-1254	10 U		10 U		10 U	10 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9001	MG-9015	MG-9003	MG-9016	MG-9008	MG-9006
DEPTH (feet):	0 - 3.8'	0 - 3.8'	0 - 6'	0 - 6'	0 - 5.9'	0 - 5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF
SAMPLE DATE:	03/06/90	03/07/90	03/06/90	03/06/90	03/07/90	03/07/90
LOCATION:	2	2	3	3	5	6
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1260	10 U		10 U		10 U	10 U
BETA-BHC	20 U		20 U		20 U	20 U
CHLORDANE	20 U		20 U		20 U	20 U
DELTA-BHC	20 U		20 U		20 U	20 U
DIELDRIN	20 U		20 U		20 U	20 U
ENDOSULFAN I	20 U		20 U		20 U	20 U
ENDOSULFAN II	20 U		20 U		20 U	20 U
ENDOSULFAN SULFATE	20 U		20 U		20 U	20 U
ENDRIN	20 U		20 U		20 U	20 U
ENDRIN ALDEHYDE	20 U		20 U		20 U	20 U
GAMMA-BHC (LINDANE)	20 U		20 U		20 U	20 U
HEPTACHLOR	20 U		20 U		20 U	20 U
HEPTACHLOR EPOXIDE	20 U		20 U		20 U	20 U
METHOXYCHLOR	20 U		20 U		20 U	20 U
TOXAPHENE	20 U		20 U		20 U	20 U
METALS (mg/kg)						
ARSENIC	7.3			4.26	4.78	4.58
CADMIUM	1.35			1.38	1.16	2.23
CHROMIUM	39.1			37.5	31.5	34.4
COPPER	40.9			38.7	25.5	24.1
LEAD	58.8			48	33.5	35.9
MERCURY	0.12			0.13	0.1	0.06

20002

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9001	MG-9015	MG-9003	MG-9016	MG-9008	MG-9006
DEPTH (feet):	0 - 3.8'	0 - 3.8'	0 - 6'	0 - 6'	0 - 5.9'	0 - 5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF
SAMPLE DATE:	03/06/90	03/07/90	03/06/90	03/06/90	03/07/90	03/07/90
LOCATION:	2	2	3	3	5	6
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
NICKEL	24.7			15.7	13.2	16.8
ZINC	83.6			81.3	49.7	61.3
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		157		142	27981	
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	36902		62876		27981	29415

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR02-02	LS5SD00101	LS5SD00201	LS5SD00301	LS5SD00401	T3SD3
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	ECO-2	1997RI	1997RI	1997RI	1997RI	PH2-1
SAMPLE DATE:	05/03/95	10/22/97	10/22/97	10/22/97	10/22/97	11/11/93
LOCATION:	EC-SDTR02	SW/SD1-5RI	SW/SD2-5RI	SW/SD3-5RI	SW/SD4-5RI	T3SD3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	31 U					
1,1,2,2-TETRACHLOROETHANE	31 U					
1,1,2-TRICHLOROETHANE	31 U					
1,1-DICHLOROETHANE	31 U					
1,1-DICHLOROETHENE	31 U					
1,2-DICHLOROETHANE	31 U					
1,2-DICHLOROETHENE (TOTAL)	31 U					
1,2-DICHLOROPROPANE	31 U					
2-BUTANONE	61 J					
2-HEXANONE	31 U					
4-METHYL-2-PENTANONE	31 U					
ACETONE	320					
BENZENE	31 U					
BROMODICHLOROMETHANE	31 U					
BROMOFORM	31 U					
BROMOMETHANE	31 U					
CARBON DISULFIDE	31 U					
CARBON TETRACHLORIDE	31 U					
CHLOROBENZENE	31 U					
CHLOROETHANE	31 U					
CHLOROFORM	31 U					
CHLOROMETHANE	31 U					

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR02-02	LS5SD00101	LS5SD00201	LS5SD00301	LS5SD00401	T3SD3
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	ECO-2	1997RI	1997RI	1997RI	1997RI	PH2-1
SAMPLE DATE:	05/03/95	10/22/97	10/22/97	10/22/97	10/22/97	11/11/93
LOCATION:	EC-SDTR02	SW/SD1-5RI	SW/SD2-5RI	SW/SD3-5RI	SW/SD4-5RI	T3SD3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	31 U					
DIBROMOCHLOROMETHANE	31 U					
ETHYLBENZENE	31 U					
METHYLENE CHLORIDE	41 U					
STYRENE	31 U					
TETRACHLOROETHENE	31 U					
TOLUENE	31 U					
TRANS-1,3-DICHLOROPROPENE	31 U					
TRICHLOROETHENE	31 U					
VINYL ACETATE	31 U					
VINYL CHLORIDE	31 U					
XYLENES, TOTAL	31 U					
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
1,2-DICHLOROBENZENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
1,3-DICHLOROBENZENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
1,4-DICHLOROBENZENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
2,2'-OXYBIS(1-CHLOROPROPANE)		790 U	1100 UJ	430 U	560 U	
2,4,5-TRICHLOROPHENOL	2500 U	2000 U	2700 UJ	1100 U	1400 U	4400 U
2,4,6-TRICHLOROPHENOL	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
2,4-DICHLOROPHENOL	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
2,4-DIMETHYLPHENOL	1000 U	790 U	1100 UJ	430 U	560 U	1800 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR02-02	LS5SD00101	LS5SD00201	LS5SD00301	LS5SD00401	T3SD3
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	ECO-2	1997RI	1997RI	1997RI	1997RI	PH2-1
SAMPLE DATE:	05/03/95	10/22/97	10/22/97	10/22/97	10/22/97	11/11/93
LOCATION:	EC-SDTR02	SW/SD1-5RI	SW/SD2-5RI	SW/SD3-5RI	SW/SD4-5RI	T3SD3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROPHENOL	2500 U	2000 U	2700 UJ	1100 U	1400 U	4400 R
2,4-DINITROTOLUENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
2,6-DINITROTOLUENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
2-CHLORONAPHTHALENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
2-CHLOROPHENOL	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
2-METHYLNAPHTHALENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
2-METHYLPHENOL	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
2-NITROANILINE	2500 U	2000 U	2700 UJ	1100 U	1400 U	4400 U
2-NITROPHENOL	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
3,3'-DICHLOROBENZIDINE	1000 U	790 UJ	1100 UJ	430 U	560 U	1800 UJ
3-NITROANILINE	2500 U	2000 U	2700 UJ	1100 U	1400 U	4400 U
4,6-DINITRO-2-METHYLPHENOL	2500 U	2000 U	2700 UJ	1100 U	1400 U	4400 U
4-BROMOPHENYL PHENYL ETHER	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
4-CHLORO-3-METHYLPHENOL	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
4-CHLOROANILINE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
4-CHLOROPHENYL PHENYL ETHER	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
4-METHYLPHENOL	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
4-NITROANILINE	2500 U	2000 U	2700 UJ	1100 U	1400 U	4400 UJ
4-NITROPHENOL	2500 UR	2000 UJ	2700 UJ	1100 U	1400 U	4400 R
ACENAPHTHENE	130 J	790 U	210 UJ	430 U	82 J	1800 U
ACENAPHTHYLENE	63 J	790 U	74 J	430 U	560 U	1800 U
ANTHRACENE	220 J	98 J	180 J	28 J	170 J	250 J

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR02-02	LS5SD00101	LS5SD00201	LS5SD00301	LS5SD00401	T3SD3
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	ECO-2	1997RI	1997RI	1997RI	1997RI	PH2-1
SAMPLE DATE:	05/03/95	10/22/97	10/22/97	10/22/97	10/22/97	11/11/93
LOCATION:	EC-SDTR02	SW/SD1-5RI	SW/SD2-5RI	SW/SD3-5RI	SW/SD4-5RI	T3SD3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)ANTHRACENE	850 J	480 J	510 J	110 J	380 J	560 J
BENZO(A)PYRENE	870 J	350 J	490 J	90 J	230 J	600 J
BENZO(B)FLUORANTHENE	1000 U	430 J	540 J	90 J	200 J	760 J
BENZO(G,H,I)PERYLENE	410 J	260 J	180 J	62 J	140 J	240 J
BENZO(K)FLUORANTHENE	1700	360 J	370 J	90 J	200 J	480 J
BENZOIC ACID	5300 U					4400 UJ
BENZYL ALCOHOL	1000 U					1800 UJ
BIS(2-CHLOROETHOXY)METHANE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
BIS(2-CHLOROETHYL)ETHER	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
BIS(2-CHLOROISOPROPYL) ETHER	1000 U					1800 U
BIS(2-ETHYLHEXYL)PHTHALATE	1000 U	790 U	1100 U	430 U	560 U	1800 U
BUTYLBENZYL PHTHALATE	1000 U	790 U	62 UJ	430 U	560 U	1800 UJ
CARBAZOLE	1000 U	62 J	1100 UJ	430 U	140 J	1800 U
CHRYSENE	1100	670 J	650 J	140 J	430 J	600 J
DI-N-BUTYL PHTHALATE	1000 U	790 U	1100 U	430 U	560 U	1800 U
DI-N-OCTYL PHTHALATE	1000 U	790 UJ	1100 UJ	430 U	560 UJ	1800 UJ
DIBENZO(A,H)ANTHRACENE	140 J	150 J	150 UJ	30 J	74 J	1800 UJ
DIBENZOFURAN	58 J	790 U	53 J	430 U	43 J	1800 U
DIETHYL PHTHALATE	1000 U	790 U	1100 U	430 U	560 U	1800 U
DIMETHYL PHTHALATE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
FLUORANTHENE	1900	1100	1400 J	250 J	1100	1500 J
FLUORENE	60 J	45 J	94 J	430 U	80 J	1800 U

00007

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR02-02	LS5SD00101	LS5SD00201	LS5SD00301	LS5SD00401	T3SD3
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	ECO-2	1997RI	1997RI	1997RI	1997RI	PH2-1
SAMPLE DATE:	05/03/95	10/22/97	10/22/97	10/22/97	10/22/97	11/11/93
LOCATION:	EC-SDTR02	SW/SD1-5RI	SW/SD2-5RI	SW/SD3-5RI	SW/SD4-5RI	T3SD3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
HEXACHLOROBENZENE	1000 U	790 UJ	1100 UJ	430 U	560 U	1800 U
HEXACHLOROBUTADIENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
HEXACHLOROCYCLOPENTADIENE	1000 U	790 UJ	1100 UJ	430 U	560 U	1800 U
HEXACHLOROETHANE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
INDENO(1,2,3-CD)PYRENE	530 J	290 J	420 J	67 J	200 J	350 J
ISOPHORONE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
N-NITROSO-DI-N-PROPYLAMINE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
N-NITROSODIPHENYLAMINE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
NAPHTHALENE	55 J	790 U	1100 UJ	430 U	560 U	1800 U
NITROBENZENE	1000 U	790 U	1100 UJ	430 U	560 U	1800 U
PENTACHLOROPHENOL	2500 U	2000 U	2700 UJ	1100 U	1400 U	4400 U
PHENANTHRENE	470 J	400 J	520 J	99 J	750	520 J
PHENOL	1000 U	790 U	72 J	430 U	560 U	1800 U
PYRENE	2200	1200	1300 J	290 J	900	970 J
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	10 U				28	5.4 J
4,4'-DDE	10 U				5.2 J	180 U
4,4'-DDT	10 U				5.5 U	180 U
ALDRIN	5.3 U				2.8 U	94 U
ALPHA-BHC	5.3 U				2.8 U	94 U
ALPHA-CHLORDANE	5.3 U				2.8 U	94 U
AROCLOR-1016	100 U				55 U	1800 U

00008

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR02-02	LS5SD00101	LS5SD00201	LS5SD00301	LS5SD00401	T3SD3
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	ECO-2	1997RI	1997RI	1997RI	1997RI	PH2-1
SAMPLE DATE:	05/03/95	10/22/97	10/22/97	10/22/97	10/22/97	11/11/93
LOCATION:	EC-SDTR02	SW/SD1-5RI	SW/SD2-5RI	SW/SD3-5RI	SW/SD4-5RI	T3SD3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1221	210 U				110 U	3700 U
AROCLOR-1232	100 U				55 U	1800 U
AROCLOR-1242	100 U				55 U	1800 U
AROCLOR-1248	100 U				55 U	1800 U
AROCLOR-1254	100 U				55 U	1800 U
AROCLOR-1260	100 U				55 U	1800 U
BETA-BHC	5.3 U				2.8 U	94 U
DELTA-BHC	5.3 U				2.8 U	94 U
DIELDRIN	10 U				5.5 U	180 U
ENDOSULFAN I	5.3 U				2.8 U	94 U
ENDOSULFAN II	10 U				5.5 U	180 U
ENDOSULFAN SULFATE	10 U				5.5 U	180 U
ENDRIN	10 U				5.5 U	180 U
ENDRIN ALDEHYDE	10 U				5.5 U	180 U
ENDRIN KETONE	10 U				5.5 U	180 U
GAMMA-BHC (LINDANE)	5.3 U				2.8 U	94 U
GAMMA-CHLORDANE	5.3 U				2.8 U	94 U
HEPTACHLOR	5.3 U				2.8 U	94 U
HEPTACHLOR EPOXIDE	5.3 U				2.8 U	94 U
METHOXYCHLOR	53 U				28 U	940 U
TOXAPHENE	530 U				280 U	9400 U

60000

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR02-02	LS5SD00101	LS5SD00201	LS5SD00301	LS5SD00401	T3SD3
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	ECO-2	1997RI	1997RI	1997RI	1997RI	PH2-1
SAMPLE DATE:	05/03/95	10/22/97	10/22/97	10/22/97	10/22/97	11/11/93
LOCATION:	EC-SDTR02	SW/SD1-5RI	SW/SD2-5RI	SW/SD3-5RI	SW/SD4-5RI	T3SD3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ALUMINUM	16000 J	11000 J	13300 J	5820 J	5630 J	15100
ANTIMONY	2.5 J	0.46 UJ	0.61 UJ	0.20 UJ	0.30 UJ	32.7 J
ARSENIC	15.1 J	8.8	13.8	2.9 J	3.8	10.2 J
BARIUM	64.3 J	37.0	43.2	20.7	27.1	69.3
BERYLLIUM	1.1 J	0.22 J	0.19 J	0.05 J	0.01 UJ	0.68
BORON	70.2 J					159 U
CADMIUM	0.71 UR	0.94	1.0 J	0.29 J	0.44	0.52 UJ
CALCIUM	8440 J	4930 J	5980 J	1900 J	4060 J	6480 J
CHROMIUM	83.1 J	52.3	59.3	16.0	18.4	59.8 J
COBALT	8.9 J	5.9	6.6	4.4	4.4	8.1
COPPER	109 J	79.1 J	94.5 J	29.2 J	30.5 J	80.8
IRON	32300 J	19900	26200	12300	13200	25500
LEAD	91.8 J	54.6 J	64.1 J	17.5 J	16.9 J	62.2
MAGNESIUM	11000 J	6510	8470	4180	4310	8620
MANGANESE	435 J	195	326	165	206	335 J
MERCURY	0.4 U	0.35 J	0.33 J	0.08 J	0.08 J	0.43 J
NICKEL	32.8 J	18.8	22.1 J	8.0 J	9.6	25.2
POTASSIUM	5610 J	3210	4040	1860	2200	5220
SELENIUM	3.6 UR	0.35 U	0.64 U	0.15 U	0.23 U	0.52 U
SILVER	1.4 UR	0.67 J	0.74 J	0.16 J	0.19 J	1.3 U
SODIUM	25600 J	15700	22800	3970	6210	15000
THALLIUM	2.1 UR	0.89 U	1.2 UJ	0.40 UJ	0.58 U	0.78 UJ

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	EC-SDTR02-02	LS5SD00101	LS5SD00201	LS5SD00301	LS5SD00401	T3SD3
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'
INVESTIGATION:	ECO-2	1997RI	1997RI	1997RI	1997RI	PH2-1
SAMPLE DATE:	05/03/95	10/22/97	10/22/97	10/22/97	10/22/97	11/11/93
LOCATION:	EC-SDTR02	SW/SD1-5RI	SW/SD2-5RI	SW/SD3-5RI	SW/SD4-5RI	T3SD3
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED	VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
VANADIUM	51 J	32.6	39.2	23.6	18.4	46.3
ZINC	179 J	136	159	57.4	60.8	132 J
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)	2.5 U					
CADMIUM(SEM)	0.6	0.61	0.68	0.12 U	0.28	
CHROMIUM(SEM)	17					
COPPER(SEM)	61	107 J	139 J	20.8 J	22.3 J	
LEAD(SEM)	78	68.4 J	72.1 J	18.4 J	20.0 J	
MERCURY(SEM)	0.01 U					
NICKEL(SEM)	6.9	12.8	17.0	3.9	5.7	
ZINC(SEM)	110	130 J	182 J	34.5 J	53.5 J	
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE	1100	710 J	770 J	55 J	970 J	
AMMONIA, AS NITROGEN		11 U	110	8 U	8 U	
TOTAL ORGANIC CARBON	1821	42000	47000	31000	26000	10000
GENERAL CHEMISTRY						
PH		7.9	8	9	7.9	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD3	T5SD3				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	PH2-1	PH2-1				
SAMPLE DATE:	11/11/93	11/11/93	/ /	/ /	/ /	/ /
LOCATION:	T4SD3	T5SD3				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	1900 U	1600 UJ				
1,2-DICHLOROBENZENE	1900 U	1600 UJ				
1,3-DICHLOROBENZENE	1900 U	1600 UJ				
1,4-DICHLOROBENZENE	1900 U	1600 UJ				
2,4,5-TRICHLOROPHENOL	4700 U	3800 UJ				
2,4,6-TRICHLOROPHENOL	1900 U	1600 UJ				
2,4-DICHLOROPHENOL	1900 U	1600 UJ				
2,4-DIMETHYLPHENOL	1900 U	1600 UJ				
2,4-DINITROPHENOL	4700 R	3800 R				
2,4-DINITROTOLUENE	1900 U	1600 UJ				
2,6-DINITROTOLUENE	1900 U	1600 UJ				
2-CHLORONAPHTHALENE	1900 U	1600 UJ				
2-CHLOROPHENOL	1900 U	1600 UJ				
2-METHYLNAPHTHALENE	1900 U	1600 UJ				
2-METHYLPHENOL	1900 U	1600 UJ				
2-NITROANILINE	4700 U	3800 UJ				
2-NITROPHENOL	1900 U	1600 UJ				
3,3'-DICHLOROBENZIDINE	1900 U	1600 UJ				
3-NITROANILINE	4700 U	3800 UJ				
4,6-DINITRO-2-METHYLPHENOL	4700 R	3800 R				
4-BROMOPHENYL PHENYL ETHER	1900 U	1600 U				
4-CHLORO-3-METHYLPHENOL	1900 U	1600 UJ				

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD3	T5SD3				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	PH2-1	PH2-1				
SAMPLE DATE:	11/11/93	11/11/93	/ /	/ /	/ /	/ /
LOCATION:	T4SD3	T5SD3				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLOROANILINE	1900 U	1600 UJ				
4-CHLOROPHENYL PHENYL ETHER	1900 U	1600 UJ				
4-METHYLPHENOL	1900 U	1600 UJ				
4-NITROANILINE	4700 U	3800 UJ				
4-NITROPHENOL	4700 U	3800 UJ				
ACENAPHTHENE	1900 U	1600 UJ				
ACENAPHTHYLENE	1900 U	82 J				
ANTHRACENE	180 J	130 U				
BENZO(A)ANTHRACENE	520 J	390 J				
BENZO(A)PYRENE	620 J	620 J				
BENZO(B)FLUORANTHENE	610 J	420 J				
BENZO(G,H,I)PERYLENE	300 J	350 J				
BENZO(K)FLUORANTHENE	430 J	650 J				
BENZOIC ACID	4700 U	3800 UJ				
BENZYL ALCOHOL	1900 U	1600 UJ				
BIS(2-CHLOROETHOXY)METHANE	1900 U	1600 UJ				
BIS(2-CHLOROETHYL)ETHER	1900 U	1600 UJ				
BIS(2-CHLOROISOPROPYL) ETHER	1900 U	1600 UJ				
BIS(2-ETHYLHEXYL)PHTHALATE	1900 U	1600 U				
BUTYLBENZYL PHTHALATE	1900 U	1600 UJ				
CARBAZOLE	1900 U	1600 U				
CHRYSENE	700 J	540 J				

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD3	T5SD3				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	PH2-1	PH2-1				
SAMPLE DATE:	11/11/93	11/11/93	/ /	/ /	/ /	/ /
LOCATION:	T4SD3	T5SD3				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DI-N-BUTYL PHTHALATE	1900 U	1600 U				
DI-N-OCTYL PHTHALATE	1900 U	1600 UJ				
DIBENZO(A,H)ANTHRACENE	1900 U	1600 UJ				
DIBENZOFURAN	1900 U	1600 UJ				
DIETHYL PHTHALATE	1900 U	1600 UJ				
DIMETHYL PHTHALATE	1900 U	1600 UJ				
FLUORANTHENE	1300 J	1100 U				
FLUORENE	1900 U	1600 UJ				
HEXACHLOROBENZENE	1900 U	1600 U				
HEXACHLOROBUTADIENE	1900 U	1600 UJ				
HEXACHLOROCYCLOPENTADIENE	1900 U	1600 UJ				
HEXACHLOROETHANE	1900 U	1600 UJ				
INDENO(1,2,3-CD)PYRENE	440 J	450 J				
ISOPHORONE	1900 U	1600 UJ				
N-NITROSO-DI-N-PROPYLAMINE	1900 U	1600 UJ				
N-NITROSODIPHENYLAMINE	1900 U	1600 U				
NAPHTHALENE	1900 U	1600 UJ				
NITROBENZENE	1900 U	1600 UJ				
PENTACHLOROPHENOL	4700 U	3800 U				
PHENANTHRENE	420 J	460 U				
PHENOL	1900 U	1600 UJ				
PYRENE	980 J	860 U				

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD3	T5SD3				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	PH2-1	PH2-1				
SAMPLE DATE:	11/11/93	11/11/93	/ /	/ /	/ /	/ /
LOCATION:	T4SD3	T5SD3				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	18 J	3.1 J				
4,4'-DDE	6.3 J	5.3 J				
4,4'-DDT	190 U	160 U				
ALDRIN	5.1 J	81 U				
ALPHA-BHC	100 U	81 U				
ALPHA-CHLORDANE	100 U	81 U				
AROCLOR-1016	1900 U	1600 U				
AROCLOR-1221	3900 U	3200 U				
AROCLOR-1232	1900 U	1600 U				
AROCLOR-1242	1900 U	1600 U				
AROCLOR-1248	1900 U	1600 U				
AROCLOR-1254	1900 U	1600 U				
AROCLOR-1260	1900 U	1600 U				
BETA-BHC	100 U	81 U				
DELTA-BHC	100 U	81 U				
DIELDRIN	190 U	160 U				
ENDOSULFAN I	100 U	81 U				
ENDOSULFAN II	190 U	160 U				
ENDOSULFAN SULFATE	190 U	160 U				
ENDRIN	190 U	160 U				
ENDRIN ALDEHYDE	14 J	160 U				
ENDRIN KETONE	190 U	160 U				

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD3	T5SD3				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	PH2-1	PH2-1				
SAMPLE DATE:	11/11/93	11/11/93	/ /	/ /	/ /	/ /
LOCATION:	T4SD3	T5SD3				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
GAMMA-BHC (LINDANE)	100 U	81 U				
GAMMA-CHLORDANE	100 U	81 U				
HEPTACHLOR	100 U	5.9 J				
HEPTACHLOR EPOXIDE	100 U	81 U				
METHOXYCHLOR	1000 U	810 U				
TOXAPHENE	10000 U	8100 U				
METALS (mg/kg)						
ALUMINUM	15100	16400				
ANTIMONY	36.3 J	32.5 J				
ARSENIC	13.2 J	11.3 J				
BARIUM	58.2	54.1				
BERYLLIUM	0.71	0.7				
BORON	115 U	121 U				
CADMIUM	0.6 UJ	0.49 UJ				
CALCIUM	6010 J	7790 J				
CHROMIUM	73.3 J	77.7 J				
COBALT	8.1	7.3				
COPPER	90.7	76.7				
IRON	27200	23700				
LEAD	94	101				
MAGNESIUM	8760	7470				
MANGANESE	336 J	271 J				

00016

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T4SD3	T5SD3				
DEPTH (feet):	0 - 0.5'	0 - 0.5'				
INVESTIGATION:	PH2-1	PH2-1				
SAMPLE DATE:	11/11/93	11/11/93	/ /	/ /	/ /	/ /
LOCATION:	T4SD3	T5SD3				
VALIDATED:	VALIDATED	VALIDATED				
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
MERCURY	0.41 J	0.37 J				
NICKEL	26.3	25.2				
POTASSIUM	4200	3900				
SELENIUM	0.6 UJ	0.49 UJ				
SILVER	1.4 U	1.4 U				
SODIUM	18600	14100				
THALLIUM	0.89 UJ	0.74 UJ				
VANADIUM	44.7	45				
ZINC	143 J	135 J				
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	14000	14000				

APPENDIX H.4.1.8

ZONE 6

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9009	MG-9018	EC-SDTR03-02	P2A	P2B	LS6SD00101
DEPTH (feet):	0 - 7.6'	0 - 7.6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	03/06/90	03/06/90	05/03/95	01/01/91	01/01/91	10/21/97
LOCATION:	4	4	EC-SDTR03	P2	P2	SW/SD1-6RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE			32 U			
1,1,2,2-TETRACHLOROETHANE			32 U			
1,1,2-TRICHLOROETHANE			32 U			
1,1-DICHLOROETHANE			32 U			
1,1-DICHLOROETHENE			32 U			
1,2-DICHLOROETHANE			32 U			
1,2-DICHLOROETHENE (TOTAL)			32 U			
1,2-DICHLOROPROPANE			32 U			
2-BUTANONE			120 J			
2-HEXANONE			32 U			
4-METHYL-2-PENTANONE			32 U			
ACETONE			430			
BENZENE			32 U			
BROMODICHLOROMETHANE			32 U			
BROMOFORM			32 U			
BROMOMETHANE			32 U			
CARBON DISULFIDE			32 U			
CARBON TETRACHLORIDE			32 U			
CHLOROBENZENE			32 U			
CHLOROETHANE			32 U			
CHLOROFORM			32 U			
CHLOROMETHANE			32 U			

00001

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9009	MG-9018	EC-SDTR03-02	P2A	P2B	LS6SD00101
DEPTH (feet):	0 - 7.6'	0 - 7.6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	03/06/90	03/06/90	05/03/95	01/01/91	01/01/91	10/21/97
LOCATION:	4	4	EC-SDTR03	P2	P2	SW/SD1-6RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE			32 U			
DIBROMOCHLOROMETHANE			32 U			
ETHYLBENZENE			32 U			
METHYLENE CHLORIDE			32 U			
STYRENE			32 U			
TETRACHLOROETHENE			32 U			
TOLUENE			32 U			
TRANS-1,3-DICHLOROPROPENE			32 U			
TRICHLOROETHENE			32 U			
VINYL ACETATE			32 U			
VINYL CHLORIDE			32 U			
XYLENES, TOTAL			32 U			
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE			1100 U			1200 U
1,2-DICHLOROBENZENE			1100 U			1200 U
1,3-DICHLOROBENZENE			1100 U			1200 U
1,4-DICHLOROBENZENE			1100 U			1200 U
2,2'-OXYBIS(1-CHLOROPROPANE)						1200 U
2,4,5-TRICHLOROPHENOL			2600 U			2900 U
2,4,6-TRICHLOROPHENOL			1100 U			1200 U
2,4-DICHLOROPHENOL			1100 U			1200 U
2,4-DIMETHYLPHENOL			1100 U			1200 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9009	MG-9018	EC-SDTR03-02	P2A	P2B	LS6SD00101
DEPTH (feet):	0 - 7.6'	0 - 7.6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	03/06/90	03/06/90	05/03/95	01/01/91	01/01/91	10/21/97
LOCATION:	4	4	EC-SDTR03	P2	P2	SW/SD1-6RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROPHENOL			2600 U			2900 U
2,4-DINITROTOLUENE			1100 U			1200 U
2,6-DINITROTOLUENE			1100 U			1200 U
2-CHLORONAPHTHALENE			1100 U			1200 U
2-CHLOROPHENOL			1100 U			1200 U
2-METHYLNAPHTHALENE			1100 U			1200 U
2-METHYLPHENOL			1100 U			1200 U
2-NITROANILINE			2600 U			2900 U
2-NITROPHENOL			1100 U			1200 U
3,3'-DICHLOROBENZIDINE			1100 U			1200 UJ
3-NITROANILINE			2600 U			2900 U
4,6-DINITRO-2-METHYLPHENOL			2600 U			2900 U
4-BROMOPHENYL PHENYL ETHER			1100 U			1200 U
4-CHLORO-3-METHYLPHENOL			1100 U			1200 U
4-CHLOROANILINE			1100 U			1200 U
4-CHLOROPHENYL PHENYL ETHER			1100 U			1200 U
4-METHYLPHENOL			1100 U			1200 U
4-NITROANILINE			2600 U			2900 UJ
4-NITROPHENOL			2600 U			2900 U
ACENAPHTHENE			1100 U	280	100 U	220 J
ACENAPHTHYLENE			56 J	100 U	100 U	1200 U
ANTHRACENE			160 J	270	100 U	250 J

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9009	MG-9018	EC-SDTR03-02	P2A	P2B	LS6SD00101
DEPTH (feet):	0 - 7.6'	0 - 7.6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	03/06/90	03/06/90	05/03/95	01/01/91	01/01/91	10/21/97
LOCATION:	4	4	EC-SDTR03	P2	P2	SW/SD1-6RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)ANTHRACENE	223		570 J	970	420	1400 J
BENZO(A)PYRENE	168		680 J	680	300	750 J
BENZO(B)FLUORANTHENE			720 J	880	365	840 J
BENZO(G,H,I)PERYLENE			410 J	300	100 U	430 J
BENZO(K)FLUORANTHENE			690 J	660	330	790 J
BENZOIC ACID			5500 U			
BENZYL ALCOHOL			1100 U			
BIS(2-CHLOROETHOXY)METHANE			1100 U			1200 U
BIS(2-CHLOROETHYL)ETHER			1100 U			1200 U
BIS(2-CHLOROISOPROPYL) ETHER			1100 U			
BIS(2-ETHYLHEXYL)PHTHALATE			1100 U			1200 U
BUTYLBENZYL PHTHALATE			1100 U			1200 U
CARBAZOLE			1100 U			90 J
CHRYSENE	108		780 J	1200	550	1500
DI-N-BUTYL PHTHALATE			1100 U			1200 U
DI-N-OCTYL PHTHALATE			1100 U			1200 UJ
DIBENZO(A,H)ANTHRACENE			180 J	100 U	100 U	190 J
DIBENZOFURAN			1100 U			79 J
DIETHYL PHTHALATE			1100 U			1200 U
DIMETHYL PHTHALATE			1100 U			1200 U
FLUORANTHENE	221		1500	2200	890	4700
FLUORENE			70 J			130 J

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9009	MG-9018	EC-SDTR03-02	P2A	P2B	LS6SD00101
DEPTH (feet):	0 - 7.6'	0 - 7.6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	03/06/90	03/06/90	05/03/95	01/01/91	01/01/91	10/21/97
LOCATION:	4	4	EC-SDTR03	P2	P2	SW/SD1-6RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
HEXACHLOROBENZENE			1100 U			1200 UJ
HEXACHLOROBUTADIENE			1100 U			1200 U
HEXACHLOROCYCLOPENTADIENE			1100 UJ			1200 UJ
HEXACHLOROETHANE			1100 U			1200 U
INDENO(1,2,3-CD)PYRENE			410 J	320	100 U	450 J
ISOPHORONE			1100 U			1200 U
N-NITROSO-DI-N-PROPYLAMINE			1100 U			1200 U
N-NITROSODIPHENYLAMINE			1100 U			1200 U
NAPHTHALENE			1100 U	100 U	100 U	61 J
NITROBENZENE			1100 U			1200 U
PENTACHLOROPHENOL			2600 U			2900 U
PHENANTHRENE	117		420 J	750	300	1100 J
PHENOL			1100 U			72 J
PYRENE	347		1200	2400	890	2800
BUTYLTIN (µg/kg)						
DIBUTYLTIN	4 U					
MONOBUTYLTIN	20 U					
TRIBUTYLTIN	4 U					
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	20 U		110 U			
4,4'-DDE	20 U		110 U			
4,4'-DDT	20 U		110 U			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9009	MG-9018	EC-SDTR03-02	P2A	P2B	LS6SD00101
DEPTH (feet):	0 - 7.6'	0 - 7.6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	03/06/90	03/06/90	05/03/95	01/01/91	01/01/91	10/21/97
LOCATION:	4	4	EC-SDTR03	P2	P2	SW/SD1-6RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
ALDRIN	20 U		55 U			
ALPHA-BHC	20 U		55 U			
ALPHA-CHLORDANE			55 U			
AROCLOR-1016	10 U		1100 U			
AROCLOR-1221	10 U		2200 U			
AROCLOR-1232	10 U		1100 U			
AROCLOR-1242	10 U		1100 U			
AROCLOR-1248	10 U		1100 U			
AROCLOR-1254	10 U		1100 U			
AROCLOR-1260	10 U		1100 U			
BETA-BHC	20 U		55 U			
CHLORDANE	20 U					
DELTA-BHC	20 U		55 U			
DIELDRIN	20 U		110 U			
ENDOSULFAN I	20 U		55 U			
ENDOSULFAN II	20 U		110 U			
ENDOSULFAN SULFATE	20 U		110 U			
ENDRIN	20 U		110 U			
ENDRIN ALDEHYDE	20 U		22 R			
ENDRIN KETONE			110 U			
GAMMA-BHC (LINDANE)	20 U		55 U			
GAMMA-CHLORDANE			55 U			

90000

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9009	MG-9018	EC-SDTR03-02	P2A	P2B	LS6SD00101
DEPTH (feet):	0 - 7.6'	0 - 7.6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	03/06/90	03/06/90	05/03/95	01/01/91	01/01/91	10/21/97
LOCATION:	4	4	EC-SDTR03	P2	P2	SW/SD1-6RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
HEPTACHLOR	20 U		55 U			
HEPTACHLOR EPOXIDE	20 U		55 U			
METHOXYCHLOR	20 U		550 U			
TOXAPHENE	20 U		5500 U			
METALS (mg/kg)						
ALUMINUM			17100			14000 J
ANTIMONY			2.3			0.71 UJ
ARSENIC	8.34		16.6	9.4	9.7	13.1
BARIUM			64.7	50	64	47.6
BERYLLIUM			1.1			0.28 J
BORON			62.6			
CADMIUM	1.18		0.56	3.2	3.3	0.86
CALCIUM			8300			6130 J
CHROMIUM	34.7		88.4	86	94	62.4
COBALT			9.1			7.1
COPPER	34.7		121	139	99	102 J
IRON			34500			26500
LEAD	40		97.5	110	120	65.9 J
MAGNESIUM			10100			9030
MANGANESE			416			299
MERCURY	0.15		0.42 U	0.3	0.3	0.32 J
NICKEL	14.1		34.7	51	71	22.6

000007

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9009	MG-9018	EC-SDTR03-02	P2A	P2B	LS6SD00101
DEPTH (feet):	0 - 7.6'	0 - 7.6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	03/06/90	03/06/90	05/03/95	01/01/91	01/01/91	10/21/97
LOCATION:	4	4	EC-SDTR03	P2	P2	SW/SD1-6RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
POTASSIUM			5870			4200
SELENIUM			2.7 UJ			0.73 U
SILVER			1.4			0.75 J
SODIUM			18000			25400
THALLIUM			1.6 UJ			1.4 U
VANADIUM			54.1			42.6
ZINC	73.9		195	263	206	175
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)			2.3 U			
CADMIUM(SEM)			0.54			0.92
CHROMIUM(SEM)			16			
COPPER(SEM)			60			98.7 J
LEAD(SEM)			73			78.2 J
MERCURY(SEM)			0.0094 U			
NICKEL(SEM)			6.6			18.5
ZINC(SEM)			110			188 J
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH		589				
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE			920			1900 J
AMMONIA, AS NITROGEN						84 U
TOTAL ORGANIC CARBON	27133		2003	21250	71250	59000

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9009	MG-9018	EC-SDTR03-02	P2A	P2B	LS6SD00101
DEPTH (feet):	0 - 7.6'	0 - 7.6'	0 - 0.5'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	ECO-2	TR_DREDGE	TR_DREDGE	1997RI
SAMPLE DATE:	03/06/90	03/06/90	05/03/95	01/01/91	01/01/91	10/21/97
LOCATION:	4	4	EC-SDTR03	P2	P2	SW/SD1-6RI
VALIDATED:			VALIDATED			VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
GENERAL CHEMISTRY						
PH						7.9

60000

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SD00201					
DEPTH (feet):	0 - 0.5'					
INVESTIGATION:	1997RI					
SAMPLE DATE:	10/22/97	/ /	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-6RI					
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB					
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	400 U					
1,2-DICHLOROBENZENE	400 U					
1,3-DICHLOROBENZENE	400 U					
1,4-DICHLOROBENZENE	400 U					
2,2'-OXYBIS(1-CHLOROPROPANE)	400 U					
2,4,5-TRICHLOROPHENOL	1000 U					
2,4,6-TRICHLOROPHENOL	400 U					
2,4-DICHLOROPHENOL	400 U					
2,4-DIMETHYLPHENOL	400 U					
2,4-DINITROPHENOL	1000 U					
2,4-DINITROTOLUENE	400 U					
2,6-DINITROTOLUENE	400 U					
2-CHLORONAPHTHALENE	400 U					
2-CHLOROPHENOL	400 U					
2-METHYLNAPHTHALENE	23 J					
2-METHYLPHENOL	400 U					
2-NITROANILINE	1000 U					
2-NITROPHENOL	400 U					
3,3'-DICHLOROBENZIDINE	400 UJ					
3-NITROANILINE	1000 U					
4,6-DINITRO-2-METHYLPHENOL	1000 U					
4-BROMOPHENYL PHENYL ETHER	400 U					

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SD00201					
DEPTH (feet):	0 - 0.5'					
INVESTIGATION:	1997RI					
SAMPLE DATE:	10/22/97	/ /	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-6RI					
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB					
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-CHLORO-3-METHYLPHENOL	400 U					
4-CHLOROANILINE	400 U					
4-CHLOROPHENYL PHENYL ETHER	400 U					
4-METHYLPHENOL	400 U					
4-NITROANILINE	1000 UJ					
4-NITROPHENOL	1000 U					
ACENAPHTHENE	99 J					
ACENAPHTHYLENE	400 U					
ANTHRACENE	130 J					
BENZO(A)ANTHRACENE	470					
BENZO(A)PYRENE	280 J					
BENZO(B)FLUORANTHENE	420 J					
BENZO(G,H,I)PERYLENE	190 J					
BENZO(K)FLUORANTHENE	340 J					
BIS(2-CHLOROETHOXY)METHANE	400 U					
BIS(2-CHLOROETHYL)ETHER	400 U					
BIS(2-ETHYLHEXYL)PHTHALATE	400 U					
BUTYLBENZYL PHTHALATE	400 U					
CARBAZOLE	100 J					
CHRYSENE	830					
DI-N-BUTYL PHTHALATE	400 U					
DI-N-OCTYL PHTHALATE	400 UJ					

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SD00201					
DEPTH (feet):	0 - 0.5'					
INVESTIGATION:	1997RI					
SAMPLE DATE:	10/22/97	/ /	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-6RI					
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB					
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
DIBENZO(A,H)ANTHRACENE	50 J					
DIBENZOFURAN	70 J					
DIETHYL PHTHALATE	400 U					
DIMETHYL PHTHALATE	400 U					
FLUORANTHENE	2600					
FLUORENE	120 J					
HEXACHLOROBENZENE	400 UJ					
HEXACHLOROBUTADIENE	400 U					
HEXACHLOROCYCLOPENTADIENE	400 UJ					
HEXACHLOROETHANE	400 U					
INDENO(1,2,3-CD)PYRENE	200 J					
ISOPHORONE	400 U					
N-NITROSO-DI-N-PROPYLAMINE	400 U					
N-NITROSODIPHENYLAMINE	400 U					
NAPHTHALENE	400 U					
NITROBENZENE	400 U					
PENTACHLOROPHENOL	1000 U					
PHENANTHRENE	1500					
PHENOL	400 U					
PYRENE	1800					
METALS (mg/kg)						
ALUMINUM	4680 J					

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SD00201					
DEPTH (feet):	0 - 0.5'					
INVESTIGATION:	1997RI					
SAMPLE DATE:	10/22/97	/ /	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-6RI					
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB					
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY	0.22 UJ					
ARSENIC	3.5					
BARIUM	13.4					
BERYLLIUM	0.03 J					
CADMIUM	0.28					
CALCIUM	2010 J					
CHROMIUM	14.4					
COBALT	2.6					
COPPER	36.2 J					
IRON	8560					
LEAD	22.7 J					
MAGNESIUM	1980					
MANGANESE	78.4					
MERCURY	0.06 J					
NICKEL	8.8					
POTASSIUM	954					
SELENIUM	0.18 U					
SILVER	0.16 J					
SODIUM	3610					
THALLIUM	0.43 U					
VANADIUM	11.4					
ZINC	313					

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 6
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	LS6SD00201					
DEPTH (feet):	0 - 0.5'					
INVESTIGATION:	1997RI					
SAMPLE DATE:	10/22/97	/ /	/ /	/ /	/ /	/ /
LOCATION:	SW/SD2-6RI					
VALIDATED:	VALIDATED					
SAMPLE TYPE:	GRAB					
STATUS:						
FIELD DUPLICATE OF:						
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
CADMIUM(SEM)	0.19 U					
COPPER(SEM)	34.9 J					
LEAD(SEM)	17.4 J					
NICKEL(SEM)	4.2					
ZINC(SEM)	289 J					
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE	170 J					
AMMONIA, AS NITROGEN	8 U					
TOTAL ORGANIC CARBON	21000					
GENERAL CHEMISTRY						
PH	8.2					

APPENDIX H.4.1.9

ZONE 7

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9030	MG-9002	MG-9007	MG-9017	MG-9020	MG-9021
DEPTH (feet):	0 - 3.8'	0 - 4.5'	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 5.1'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF
SAMPLE DATE:	03/08/90	03/06/90	03/07/90	03/07/90	03/07/90	03/07/90
LOCATION:	7	8	9	9	9	9
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
METHYLENE CHLORIDE					100 U	
SEMIVOLATILES (µg/kg)						
BENZO(A)ANTHRACENE	467	20 U	77			
BENZO(A)PYRENE	20 U	20 U	20 U			
CHRYSENE	109	20 U	87			
FLUORANTHENE	211	20 U	20 U			
PHENANTHRENE	20 U	20 U	20 U			
PYRENE	133	20 U	20 U			
BUTYLTIN (µg/kg)						
DIBUTYLTIN			4 U			
MONOBUTYLTIN			20 U			
TRIBUTYLTIN			4 U			
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	20 U	20 U	20 U			
4,4'-DDE	20 U	20 U	20 U			
4,4'-DDT	20 U	20 U	20 U			
ALDRIN	20 U	20 U	20 U			
ALPHA-BHC	20 U	20 U	20 U			
AROCLOR-1016	10 U	10 U	10 U			
AROCLOR-1221	10 U	10 U	10 U			
AROCLOR-1232	10 U	10 U	10 U			
AROCLOR-1242	10 U	10 U	10 U			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9030	MG-9002	MG-9007	MG-9017	MG-9020	MG-9021
DEPTH (feet):	0 - 3.8'	0 - 4.5'	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 5.1'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF
SAMPLE DATE:	03/08/90	03/06/90	03/07/90	03/07/90	03/07/90	03/07/90
LOCATION:	7	8	9	9	9	9
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1248	10 U	10 U	10 U			
AROCLOR-1254	10 U	10 U	10 U			
AROCLOR-1260	10 U	10 U	10 U			
BETA-BHC	20 U	20 U	20 U			
CHLORDANE	20 U	20 U	20 U			
DELTA-BHC	20 U	20 U	20 U			
DIELDRIN	20 U	20 U	20 U			
ENDOSULFAN I	20 U	20 U	20 U			
ENDOSULFAN II	20 U	20 U	20 U			
ENDOSULFAN SULFATE	20 U	20 U	20 U			
ENDRIN	20 U	20 U	20 U			
ENDRIN ALDEHYDE	20 U	20 U	20 U			
GAMMA-BHC (LINDANE)	20 U	20 U	20 U			
HEPTACHLOR	20 U	20 U	20 U			
HEPTACHLOR EPOXIDE	20 U	20 U	20 U			
METHOXYCHLOR	20 U	20 U	20 U			
TOXAPHENE	20 U	20 U	20 U			
METALS (mg/kg)						
ARSENIC	6.38	8.01	7.43			
CADMIUM	1.48	1.48	1.29			
CHROMIUM	35.4	34.9	29.4			
COPPER	24.5	26.4	22.4			

20002

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9030	MG-9002	MG-9007	MG-9017	MG-9020	MG-9021
DEPTH (feet):	0 - 3.8'	0 - 4.5'	0 - 5.1'	0 - 5.1'	0 - 5.1'	0 - 5.1'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF
SAMPLE DATE:	03/08/90	03/06/90	03/07/90	03/07/90	03/07/90	03/07/90
LOCATION:	7	8	9	9	9	9
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:						
METALS (mg/kg)						
CYANIDE						2 U
LEAD	34.6	41.8	30.1			
MERCURY	0.02 U	0.1	0.09			
NICKEL	15.9	18.1	15.5			
ZINC	54.7	77.6	59.2			
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH				242		
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	31183		25939			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	B	C1A-1/C1B-1/C1C-1	C1B-1	C1B-1	C2-B1	C2-B1
DEPTH (feet):	0 - 3'	0 - 3'	3 - 6'	6 - 13'	3 - 6'	6 - 10'
INVESTIGATION:	TR_DREDGE	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	01/01/94	04/11/94	04/11/94	04/11/94	04/11/94	04/11/94
LOCATION:	B	C1-PIER17-NORTH	C1-PIER17-NORTH	C1-PIER17-NORTH	C2-PIER17-NORTH	C2-PIER17-NORTH
VALIDATED:						
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED					
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE		200 U	69 U	68 U		70 U
1,2-DICHLOROBENZENE		200 U	69 U	68 U		70 U
1,2-DIPHENYLHYDRAZINE		200 U	69 U	68 U		70 U
1,3-DICHLOROBENZENE		200 U	69 U	68 U		70 U
1,4-DICHLOROBENZENE		200 U	69 U	68 U		70 U
2,4,6-TRICHLOROPHENOL		200 U	69 U	68 U		70 U
2,4-DICHLOROPHENOL		200 U	69 U	68 U		70 U
2,4-DIMETHYLPHENOL		200 U	69 U	68 U		70 U
2,4-DINITROPHENOL		1000 U	350 U	340 U		350 U
2,4-DINITROTOLUENE		200 U	69 U	68 U		70 U
2,6-DINITROTOLUENE		200 U	69 U	68 U		70 U
2-CHLORONAPHTHALENE		200 U	69 U	68 U		70 U
2-CHLOROPHENOL		200 U	69 U	68 U		70 U
2-METHYLNAPHTHALENE		200 U	69 U	68 U		70 U
2-NITROPHENOL		200 U	69 U	68 U		70 U
3,3'-DICHLOROBENZIDINE		400 U	140 U	130 U		140 U
4,6-DINITRO-2-METHYLPHENOL		1000 U	350 U	340 U		350 U
4-BROMOPHENYL PHENYL ETHER		200 U	69 U	68 U		70 U
4-CHLORO-3-METHYLPHENOL		200 U	69 U	68 U		70 U
4-CHLOROPHENYL PHENYL ETHER		200 U	69 U	68 U		70 U
4-NITROPHENOL		1000 U	350 U	340 U		350 U
ACENAPHTHENE	70 U	200 U	69 U	68 U		70 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	B	C1A-1/C1B-1/C1C-1	C1B-1	C1B-1	C2-B1	C2-B1
DEPTH (feet):	0 - 3'	0 - 3'	3 - 6'	6 - 13'	3 - 6'	6 - 10'
INVESTIGATION:	TR_DREDGE	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	01/01/94	04/11/94	04/11/94	04/11/94	04/11/94	04/11/94
LOCATION:	B	C1-PIER17-NORTH	C1-PIER17-NORTH	C1-PIER17-NORTH	C2-PIER17-NORTH	C2-PIER17-NORTH
VALIDATED:						
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED					
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
ACENAPHTHYLENE	99 U	240	69 U	68 U		70 U
ANTHRACENE	13	250	69 U	68 U		70 U
BENZIDINE		200 U	69 U	68 U		70 U
BENZO(A)ANTHRACENE	44	970	69 U	68 U		70 U
BENZO(A)PYRENE	66	870	69 U	68 U		70 U
BENZO(B)FLUORANTHENE	120	730	69 U	68 U		70 U
BENZO(E)PYRENE	93					
BENZO(G,H,I)PERYLENE	43	260	69 U	68 U		70 U
BENZO(K)FLUORANTHENE	28	880	69 U	68 U		70 U
BIPHENYL	24					
BIS(2-CHLOROETHOXY)METHANE		200 U	69 U	68 U		70 U
BIS(2-CHLOROETHYL)ETHER		200 U	69 U	68 U		70 U
BIS(2-CHLOROISOPROPYL) ETHER		200 U	69 U	68 U		70 U
BIS(2-ETHYLHEXYL)PHTHALATE		1400	69 U	120		87
BUTYLBENZYL PHTHALATE		200 U	69 U	68 U		70 U
CHRYSENE	58	1200	69 U	68 U		70 U
DI-N-BUTYL PHTHALATE		320	170	92		170
DI-N-OCTYL PHTHALATE		2700	260	310		230
DIBENZO(A,H)ANTHRACENE	13 U	200 U	69 U	68 U		70 U
DIETHYL PHTHALATE		200 U	69 U	68 U		70 U
DIMETHYL PHTHALATE		200 U	69 U	68 U		70 U
FLUORANTHENE	110	3000	69 U	68 U		70 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	B	C1A-1/C1B-1/C1C-1	C1B-1	C1B-1	C2-B1	C2-B1
DEPTH (feet):	0 - 3'	0 - 3'	3 - 6'	6 - 13'	3 - 6'	6 - 10'
INVESTIGATION:	TR_DREDGE	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	01/01/94	04/11/94	04/11/94	04/11/94	04/11/94	04/11/94
LOCATION:	B	C1-PIER17-NORTH	C1-PIER17-NORTH	C1-PIER17-NORTH	C2-PIER17-NORTH	C2-PIER17-NORTH
VALIDATED:						
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED					
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
FLUORENE	24	200 U	69 U	68 U		70 U
HEXACHLOROBENZENE		200 U	69 U	68 U		70 U
HEXACHLOROBUTADIENE		200 U	69 U	68 U		70 U
HEXACHLOROCYCLOPENTADIENE		200 U	69 U	68 U		70 U
HEXACHLOROETHANE		200 U	69 U	68 U		70 U
INDENO(1,2,3-CD)PYRENE	47	550	69 U	68 U		70 U
ISOPHORONE		200 U	69 U	68 U		70 U
N-NITROSO-DI-N-PROPYLAMINE		200 U	69 U	68 U		70 U
N-NITROSODIMETHYLAMINE		200 U	69 U	68 U		70 U
N-NITROSODIPHENYLAMINE		200 U	69 U	68 U		70 U
NAPHTHALENE	41 U	200 U	69 U	68 U		70 U
NITROBENZENE		200 U	69 U	68 U		70 U
PENTACHLOROPHENOL		1000 U	350 U	340 U		350 U
PHENANTHRENE	46	720	69 U	68 U		70 U
PHENOL		200 U	69 U	68 U		70 U
PYRENE	100	2800	69 U	68 U		70 U
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	7.9 U	10 U	6.9 U	6.7 U		7 U
4,4'-DDE	7.9 U	10 U	6.9 U	6.7 U		7 U
4,4'-DDT	7.9 U	10 U	6.9 U	6.7 U		7 U
ALDRIN	4 U	5 U	3.4 U	3.4 U		3.5 U
ALPHA-BHC	4 U	5 U	3.4 U	3.4 U		3.5 U

00006

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	B	C1A-1/C1B-1/C1C-1	C1B-1	C1B-1	C2-B1	C2-B1
DEPTH (feet):	0 - 3'	0 - 3'	3 - 6'	6 - 13'	3 - 6'	6 - 10'
INVESTIGATION:	TR_DREDGE	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	01/01/94	04/11/94	04/11/94	04/11/94	04/11/94	04/11/94
LOCATION:	B	C1-PIER17-NORTH	C1-PIER17-NORTH	C1-PIER17-NORTH	C2-PIER17-NORTH	C2-PIER17-NORTH
VALIDATED:						
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED					
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1016	79 U	100 U	69 U	67 U		70 U
AROCLOR-1221	160 U	100 U	69 U	67 U		70 U
AROCLOR-1232	79 U	100 U	69 U	67 U		70 U
AROCLOR-1242	79 U	100 U	69 U	67 U		70 U
AROCLOR-1248	79 U	55 J	69 U	67 U		70 U
AROCLOR-1254	79 U	100 U	69 U	67 U		70 U
AROCLOR-1260	79 U	70 J	69 U	67 U		70 U
BETA-BHC	4 U	5.4	3.4 U	3.4 U		3.5 U
CHLORDANE	40 U	50 U	34 U	34 U		35 U
DELTA-BHC	4 U	5 U	3.4 U	3.4 U		3.5 U
DIELDRIN	7.9 U	10 U	6.9 U	6.7 U		7 U
ENDOSULFAN I	4 U	5 U	3.4 U	3.4 U		3.5 U
ENDOSULFAN II	7.9 U	10 U	6.9 U	6.7 U		7 U
ENDOSULFAN SULFATE	7.9 U	8.4 J	6.9 U	6.7 U		7 U
ENDRIN	7.9 U	10 U	6.9 U	6.7 U		7 U
ENDRIN ALDEHYDE	7.9 U	10 U	6.9 U	6.7 U		7 U
GAMMA-BHC (LINDANE)	4 U	5 U	3.4 U	3.4 U		3.5 U
HEPTACHLOR	4 U	5 U	3.4 U	3.4 U		3.5 U
HEPTACHLOR EPOXIDE	4 U	3.2 J	3.4 U	3.4 U		3.5 U
METHOXYCHLOR	40 U	50 U	34 U	34 U		35 U
TOXAPHENE	400 U	500 U	340 U	340 U		350 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	B	C1A-1/C1B-1/C1C-1	C1B-1	C1B-1	C2-B1	C2-B1
DEPTH (feet):	0 - 3'	0 - 3'	3 - 6'	6 - 13'	3 - 6'	6 - 10'
INVESTIGATION:	TR_DREDGE	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	01/01/94	04/11/94	04/11/94	04/11/94	04/11/94	04/11/94
LOCATION:	B	C1-PIER17-NORTH	C1-PIER17-NORTH	C1-PIER17-NORTH	C2-PIER17-NORTH	C2-PIER17-NORTH
VALIDATED:						
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED					
FIELD DUPLICATE OF:						
METALS (mg/kg)						
ANTIMONY		3 U	2.1 U	2 U		2.1 U
ARSENIC	13.1	13.5	9.7	10		8.6
BERYLLIUM		1.5 U	1 U	1 U		1.1 U
CADMIUM	0.6	1.7	1 U	1 U		1.1
CHROMIUM	72.8	102	37.6	42		40.9
COPPER	34.9	127	14.2	16.3		17.3
LEAD	46.4	117	14.8	19		17.1
MERCURY	0.2	0.51	0.21 U	0.2 U		0.21 U
NICKEL	28.9	32.1	21.2	23.3		23.9
SELENIUM		1.5 U	1 U	1 U		1.1
SILVER		3 U	2.1 U	2 U		2.1 U
THALLIUM		3 U	2.1 U	2 U		2.1 U
ZINC	165	200	55.4	65.0		60.3
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	73000	2600	960	710	130	1100

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SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C2A-1/C2B-1/C2C-1	C2B-1	C3A-1/C3B-1/C3C-1	C3B-1	C3B-1	C3B-1
DEPTH (feet):	0 - 3'	3 - 6'	0 - 3'	3 - 6'	6 - 9'	9 - 12'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/11/94	04/11/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C2-PIER17-NORTH	C2-PIER17-NORTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	COMPOSITE	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	160 U	100 U	160 U	120 U	120 U	130 U
1,2-DICHLOROBENZENE	160 U	100 U	160 U	120 U	120 U	130 U
1,2-DIPHENYLHYDRAZINE	160 U	100 U	160 U	120 U	120 U	130 U
1,3-DICHLOROBENZENE	160 U	100 U	160 U	120 U	120 U	130 U
1,4-DICHLOROBENZENE	160 U	100 U	160 U	120 U	120 U	130 U
2,4,6-TRICHLOROPHENOL	160 U	100 U	160 U	120 U	120 U	130 U
2,4-DICHLOROPHENOL	160 U	100 U	160 U	120 U	120 U	130 U
2,4-DIMETHYLPHENOL	160 U	100 U	160 U	120 U	120 U	130 U
2,4-DINITROPHENOL	790 U	500 U	790 U	620 U	590 U	650 U
2,4-DINITROTOLUENE	160 U	100 U	160 U	120 U	120 U	130 U
2,6-DINITROTOLUENE	160 U	100 U	160 U	120 U	120 U	130 U
2-CHLORONAPHTHALENE	160 U	100 U	160 U	120 U	120 U	130 U
2-CHLOROPHENOL	160 U	100 U	160 U	120 U	120 U	130 U
2-METHYLNAPHTHALENE	160 U	100 U	160 U	120 U	120 U	130 U
2-NITROPHENOL	160 U	100 U	160 U	120 U	120 U	130 U
3,3'-DICHLOROBENZIDINE	320 U	200 U	320 U	240 U	240 U	260 U
4,6-DINITRO-2-METHYLPHENOL	790 U	500 U	790 U	620 U	590 U	650 U
4-BROMOPHENYL PHENYL ETHER	160 U	100 U	160 U	120 U	120 U	130 U
4-CHLORO-3-METHYLPHENOL	160 U	100 U	160 U	120 U	120 U	130 U
4-CHLOROPHENYL PHENYL ETHER	160 U	100 U	160 U	120 U	120 U	130 U
4-NITROPHENOL	790 U	500 U	790 U	620 U	590 U	650 U
ACENAPHTHENE	160 U	100 U	160 U	120 U	120 U	130 U

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SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C2A-1/C2B-1/C2C-1	C2B-1	C3A-1/C3B-1/C3C-1	C3B-1	C3B-1	C3B-1
DEPTH (feet):	0 - 3'	3 - 6'	0 - 3'	3 - 6'	6 - 9'	9 - 12'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/11/94	04/11/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C2-PIER17-NORTH	C2-PIER17-NORTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	COMPOSITE	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
ACENAPHTHYLENE	160 U	100 U	160 U	120 U	120 U	130 U
ANTHRACENE	160 U	100 U	160 U	120 U	120 U	130 U
BENZIDINE	160 U	100 U	160 U	120 U	120 U	130 U
BENZO(A)ANTHRACENE	210	100 U	360	120 U	120 U	130 U
BENZO(A)PYRENE	220	100 U	400	120 U	120 U	130 U
BENZO(B)FLUORANTHENE	220	100 U	300	120 U	120 U	130 U
BENZO(G,H,I)PERYLENE	160 U	100 U	270	120 U	120 U	130 U
BENZO(K)FLUORANTHENE	200	100 U	500	120 U	120 U	130 U
BIS(2-CHLOROETHOXY)METHANE	160 U	100 U	160 U	120 U	120 U	130 U
BIS(2-CHLOROETHYL)ETHER	160 U	100 U	160 U	120 U	120 U	130 U
BIS(2-CHLOROISOPROPYL) ETHER	160 U	100 U	160 U	120 U	120 U	130 U
BIS(2-ETHYLHEXYL)PHTHALATE	830	110	470	250	180	940
BUTYLBENZYL PHTHALATE	160 U	100 U	160 U	120 U	120 U	130 U
CHRYSENE	250	100 U	530	120 U	120 U	130 U
DI-N-BUTYL PHTHALATE	380	190	290	120 U	120 U	150
DI-N-OCTYL PHTHALATE	11000	370	1200	2800	230	130 U
DIBENZO(A,H)ANTHRACENE	160 U	100 U	160 U	120 U	120 U	130 U
DIETHYL PHTHALATE	160 U	100 U	160 U	120 U	120 U	130 U
DIMETHYL PHTHALATE	160 U	100 U	160 U	120 U	120 U	130 U
FLUORANTHENE	540	100 U	910	120 U	120 U	130 U
FLUORENE	160 U	100 U	160 U	120 U	120 U	130 U
HEXACHLOROBENZENE	160 U	100 U	160 U	120 U	120 U	130 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C2A-1/C2B-1/C2C-1	C2B-1	C3A-1/C3B-1/C3C-1	C3B-1	C3B-1	C3B-1
DEPTH (feet):	0 - 3'	3 - 6'	0 - 3'	3 - 6'	6 - 9'	9 - 12'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/11/94	04/11/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C2-PIER17-NORTH	C2-PIER17-NORTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	COMPOSITE	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
HEXACHLOROBUTADIENE	160 U	100 U	160 U	120 U	120 U	130 U
HEXACHLOROCYCLOPENTADIENE	160 U	100 U	160 U	120 U	120 U	130 U
HEXACHLOROETHANE	160 U	100 U	160 U	120 U	120 U	130 U
INDENO(1,2,3-CD)PYRENE	160 U	100 U	270	120 U	120 U	130 U
ISOPHORONE	160 U	100 U	160 U	120 U	120 U	130 U
N-NITROSO-DI-N-PROPYLAMINE	160 U	100 U	160 U	120 U	120 U	130 U
N-NITROSODIMETHYLAMINE	160 U	100 U	160 U	120 U	120 U	130 U
N-NITROSODIPHENYLAMINE	160 U	100 U	160 U	120 U	120 U	130 U
NAPHTHALENE	160 U	100 U	160 U	120 U	120 U	130 U
NITROBENZENE	160 U	100 U	160 U	120 U	120 U	130 U
PENTACHLOROPHENOL	790 U	500 U	790 U	620 U	590 U	650 U
PHENANTHRENE	240	100 U	330	120 U	120 U	130 U
PHENOL	160 U	100 U	160 U	120 U	120 U	130 U
PYRENE	550	100 U	1100	120 U	120 U	130 U
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	7.9 U	10 U	7.9 U	6.2 U	5.9 U	6.5 U
4,4'-DDE	7.9 U	10 U	7.9 U	6.2 U	5.9 U	6.5 U
4,4'-DDT	7.9 U	10 U	7.9 U	6.2 U	5.9 U	6.5 U
ALDRIN	3.9 U	5 U	3.9 U	3.1 U	3 U	3.2 U
ALPHA-BHC	3.9 U	5 U	3.9 U	3.1 U	3 U	3.2 U
AROCLOR-1016	79 U	100 U	79 U	62 U	59 U	65 U
AROCLOR-1221	79 U	100 U	79 U	62 U	59 U	65 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C2A-1/C2B-1/C2C-1	C2B-1	C3A-1/C3B-1/C3C-1	C3B-1	C3B-1	C3B-1
DEPTH (feet):	0 - 3'	3 - 6'	0 - 3'	3 - 6'	6 - 9'	9 - 12'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/11/94	04/11/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C2-PIER17-NORTH	C2-PIER17-NORTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	COMPOSITE	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1232	79 U	100 U	79 U	62 U	59 U	65 U
AROCLOR-1242	79 U	100 U	79 U	62 U	59 U	65 U
AROCLOR-1248	21 J	100 U	19 J	62 U	59 U	65 U
AROCLOR-1254	25 J	100 U	39 J	62 U	59 U	65 U
AROCLOR-1260	79 U	100 U	29 J	62 U	59 U	65 U
BETA-BHC	6.7	5 U	3.9	3.1 U	3 U	3.2 U
CHLORDANE	3.9 U	50 U	39 U	31 U	30 U	32 U
DELTA-BHC	3.9 U	5 U	3.9 U	3.1 U	3 U	3.2 U
DIELDRIN	7.9 U	10 U	7.9 U	6.2 U	5.9 U	6.5 U
ENDOSULFAN I	7.5	5 U	6.7	3.1 U	3 U	2.8 J
ENDOSULFAN II	7.9 U	10 U	7.9 U	6.2 U	5.9 U	6.5 U
ENDOSULFAN SULFATE	7.9 U	10 U	7.9 U	6.2 U	5.9 U	6.5 U
ENDRIN	7.9 U	10 U	7.9 U	6.2 U	5.9 U	6.5 U
ENDRIN ALDEHYDE	7.9 U	10 U	7.9 U	6.2 U	5.9 U	6.5 U
GAMMA-BHC (LINDANE)	3.9 U	5 U	3.9 U	3.1 U	3 U	3.2 U
HEPTACHLOR	3.9 U	5 U	3.9 U	3.1 U	3 U	3.2 U
HEPTACHLOR EPOXIDE	3.9 U	5 U	3.9 U	3.1 U	3 U	3.2 U
METHOXYCHLOR	39 U	50 U	39 U	31 U	30 U	32 U
TOXAPHENE	390 U	500 U	390 U	310 U	300 U	320 U
METALS (mg/kg)						
ANTIMONY	2.4 U	3 U	2.4 U	1.9 U	1.8 U	2 U
ARSENIC	12.7	15.9	10.5	6.1	4.8	10.1

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C2A-1/C2B-1/C2C-1	C2B-1	C3A-1/C3B-1/C3C-1	C3B-1	C3B-1	C3B-1
DEPTH (feet):	0 - 3'	3 - 6'	0 - 3'	3 - 6'	6 - 9'	9 - 12'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/11/94	04/11/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C2-PIER17-NORTH	C2-PIER17-NORTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH	C3-PIER17-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	COMPOSITE	GRAB	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
BERYLLIUM	1.2 U	1.5 U	1.2 U	0.93 U	0.89 U	0.98 U
CADMIUM	1.7	1.5 U	1.4	0.93 U	1	0.98 U
CHROMIUM	80.6	56.7	74.9	32.3	38	40.9
COPPER	82	21.2	77.3	11.4	12.3	14.1
LEAD	77.4	25.1	70.6	9.3 U	11.1	11.6
MERCURY	0.35	0.3 U	0.43	0.19	0.18	0.2
NICKEL	30.6	35.1	23.1	17.6	19.9	22.7
SELENIUM	1.2 U	1.5 U	1.2 U	0.93 U	0.89 U	0.98 U
SILVER	2.4 U	3 U	2.4 U	1.9 U	1.8 U	2 U
THALLIUM	2.4 U	3 U	2.4 U	1.9 U	1.8 U	2 U
ZINC	157	86.7	129	41.3	50.4	55.8
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	1500		1700	630		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C4A-1/C4B-1/C4C-1	C4B-1	C4B-1	C5A-1/C5B-1/C5C-1	C5B-1	C5B-1
DEPTH (feet):	0 - 3'	3 - 7'	7 - 11'	0 - 3'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	COMPOSITE	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	190 U	170 U	140 U	160 U	140 U	130 U
1,2-DICHLOROBENZENE	190 U	170 U	140 U	160 U	140 U	130 U
1,2-DIPHENYLHYDRAZINE	190 U	170 U	140 U	160 U	140 U	130 U
1,3-DICHLOROBENZENE	190 U	170 U	140 U	160 U	140 U	130 U
1,4-DICHLOROBENZENE	190 U	170 U	140 U	160 U	140 U	130 U
2,4,6-TRICHLOROPHENOL	190 U	170 U	140 U	160 U	140 U	130 U
2,4-DICHLOROPHENOL	190 U	170 U	140 U	160 U	140 U	130 U
2,4-DIMETHYLPHENOL	190 U	170 U	140 U	160 U	140 U	130 U
2,4-DINITROPHENOL	950 U	850 U	720 U	810 U	690 U	640 U
2,4-DINITROTOLUENE	190 U	170 U	140 U	160 U	140 U	130 U
2,6-DINITROTOLUENE	190 U	170 U	140 U	160 U	140 U	130 U
2-CHLORONAPHTHALENE	190 U	170 U	140 U	160 U	140 U	130 U
2-CHLOROPHENOL	190 U	170 U	140 U	160 U	140 U	130 U
2-METHYLNAPHTHALENE	190 U	170 U	140 U	160 U	140 U	130 U
2-NITROPHENOL	190 U	170 U	140 U	160 U	140 U	130 U
3,3'-DICHLOROBENZIDINE	380 U	340 U	280 U	320 U	280 U	260 U
4,6-DINITRO-2-METHYLPHENOL	950 U	850 U	720 U	810 U	690 U	640 U
4-BROMOPHENYL PHENYL ETHER	190 U	170 U	140 U	160 U	140 U	130 U
4-CHLORO-3-METHYLPHENOL	190 U	170 U	140 U	160 U	140 U	130 U
4-CHLOROPHENYL PHENYL ETHER	190 U	170 U	140 U	160 U	140 U	130 U
4-NITROPHENOL	950 U	850 U	720 U	810 U	690 U	640 U
ACENAPHTHENE	190 U	170 U	140 U	160 U	140	130 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C4A-1/C4B-1/C4C-1	C4B-1	C4B-1	C5A-1/C5B-1/C5C-1	C5B-1	C5B-1
DEPTH (feet):	0 - 3'	3 - 7'	7 - 11'	0 - 3'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	COMPOSITE	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
ACENAPHTHYLENE	350	240	170	160 U	140 U	130 U
ANTHRACENE	410	340	210	250	220	130 U
BENZIDINE	190 U	170 U	140 U	160 U	140 U	130 U
BENZO(A)ANTHRACENE	930	800	440	540	430	130 U
BENZO(A)PYRENE	1100	680	450	430	340	130 U
BENZO(B)FLUORANTHENE	980	1400	360	360	310	130 U
BENZO(G,H,I)PERYLENE	700	740	250	250	160	130 U
BENZO(K)FLUORANTHENE	1000	890	510	440	280	130 U
BIS(2-CHLOROETHOXY)METHANE	190 U	170 U	140 U	160 U	140 U	130 U
BIS(2-CHLOROETHYL)ETHER	190 U	170 U	140 U	160 U	140 U	130 U
BIS(2-CHLOROISOPROPYL) ETHER	190 U	170 U	140 U	160 U	140 U	130 U
BIS(2-ETHYLHEXYL)PHTHALATE	1400	1300	960	380	410	700
BUTYLBENZYL PHTHALATE	190 U	170 U	140 U	160 U	140 U	130 U
CHRYSENE	1400	1100	610	730	560	130 U
DI-N-BUTYL PHTHALATE	190 U	260	330	400	150	130 U
DI-N-OCTYL PHTHALATE	1500	1300	650	160 U	140 U	4900
DIBENZO(A,H)ANTHRACENE	190 U	180	140 U	160 U	140 U	130 U
DIETHYL PHTHALATE	190 U	170 U	140 U	160 U	140 U	130 U
DIMETHYL PHTHALATE	190 U	170 U	140 U	160 U	140 U	130 U
FLUORANTHENE	2200	2200	960	1700	1300	130 U
FLUORENE	250	200	960	160 U	160	130 U
HEXACHLOROBENZENE	190 U	170 U	140 U	160 U	140 U	130 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C4A-1/C4B-1/C4C-1	C4B-1	C4B-1	C5A-1/C5B-1/C5C-1	C5B-1	C5B-1
DEPTH (feet):	0 - 3'	3 - 7'	7 - 11'	0 - 3'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	COMPOSITE	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
HEXACHLOROBUTADIENE	190 U	170 U	140 U	160 U	140 U	130 U
HEXACHLOROCYCLOPENTADIENE	190 U	170 U	140 U	160 U	140 U	130 U
HEXACHLOROETHANE	190 U	170 U	140 U	160 U	140 U	130 U
INDENO(1,2,3-CD)PYRENE	700	410	240	240	160	130 U
ISOPHORONE	190 U	170 U	140 U	160 U	140 U	130 U
N-NITROSO-DI-N-PROPYLAMINE	190 U	170 U	140 U	160 U	140 U	130 U
N-NITROSODIMETHYLAMINE	190 U	170 U	140 U	160 U	140 U	130 U
N-NITROSODIPHENYLAMINE	190 U	170 U	140 U	160 U	140 U	130 U
NAPHTHALENE	190 U	170 U	140 U	160 U	140 U	130 U
NITROBENZENE	190 U	170 U	140 U	160 U	140 U	130 U
PENTACHLOROPHENOL	950 U	850 U	720 U	810 U	690 U	640 U
PHENANTHRENE	1200	840	410	490	470	130 U
PHENOL	190 U	170 U	140 U	160 U	140 U	130 U
PYRENE	2600	2300	1200	1600	1200	130 U
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	5.7 J	8.5 U	7.2 U	8.1 U	6.9 U	6.4 U
4,4'-DDE	7.8 J	8.5 U	7.2 U	8.1 U	6.9 U	6.4 U
4,4'-DDT	9.5 U	8.5 U	7.2 U	8.1 U	6.9 U	6.4 U
ALDRIN	5.3	4.2 U	3.6 U	2.8 J	3.4 U	3.2 U
ALPHA-BHC	4.7 U	4.2 U	3.6 U	4 U	3.4 U	3.2 U
AROCLOR-1016	95 U	85 U	72 U	81 U	69 U	64 U
AROCLOR-1221	95 U	85 U	72 U	81 U	69 U	64 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C4A-1/C4B-1/C4C-1	C4B-1	C4B-1	C5A-1/C5B-1/C5C-1	C5B-1	C5B-1
DEPTH (feet):	0 - 3'	3 - 7'	7 - 11'	0 - 3'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	COMPOSITE	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1232	95 U	85 U	72 U	81 U	69 U	64 U
AROCLOR-1242	95 U	85 U	72 U	81 U	69 U	64 U
AROCLOR-1248	39 J	33 J	33 J	29 J	38 J	64 U
AROCLOR-1254	81 J	45 J	28 J	81 U	22 J	64 U
AROCLOR-1260	91 J	34 J	72 U	25 J	69 U	64 U
BETA-BHC	2.8 J	4.2 U	3.6 U	4 U	3.4 U	3.2 U
CHLORDANE	47 U	42 U	36 U	40 U	34 U	32 U
DELTA-BHC	4.7 U	4.2 U	1.8 J	4 U	3.4 U	3.2 U
DIELDRIN	9.5 U	8.5 U	7.2 U	8.1 U	6.9 U	6.4 U
ENDOSULFAN I	18	7.4	5.4	7.7	5.2	3.2 U
ENDOSULFAN II	9.5 U	8.5 U	7.2 U	8.1 U	6.9 U	6.4 U
ENDOSULFAN SULFATE	5.6 J	8.5 U	7.2 U	8.1 U	6.9 U	6.4 U
ENDRIN	8.5 J	8.5 U	7.2 U	8.1 U	6.9 U	6.4 U
ENDRIN ALDEHYDE	9.5 U	8.5 U	7.2 U	8.1 U	6.9 U	6.4 U
GAMMA-BHC (LINDANE)	5.6	4.2 U	3.6 U	4 U	3.4 U	3.2 U
HEPTACHLOR	4.7 U	4.2 U	3.6 U	4 U	3.4 U	3.2 U
HEPTACHLOR EPOXIDE	4.6 J	2.8 J	2.1 J	2.9 J	2.3 J	3.2 U
METHOXYCHLOR	47 U	42 U	36 U	40 U	34 U	32 U
TOXAPHENE	470 U	420 U	360 U	400 U	340 U	320 U
METALS (mg/kg)						
ANTIMONY	5.9 B	2.7 B	2.2 U	2.4 U	2.1 U	1.9 U
ARSENIC	17.1	12	10.1	11.8	11.2	8.8

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C4A-1/C4B-1/C4C-1	C4B-1	C4B-1	C5A-1/C5B-1/C5C-1	C5B-1	C5B-1
DEPTH (feet):	0 - 3'	3 - 7'	7 - 11'	0 - 3'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17	PIER15/17
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94	04/12/94
LOCATION:	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C4-PIER17-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH	C5-PIER15-SOUTH
VALIDATED:						
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	COMPOSITE	GRAB	GRAB
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
BERYLLIUM	1.4 U	1.3 U	1.1 U	1.2 U	1 U	0.96 U
CADMIUM	4.2	2.4	2.8	1.2 U	1 U	0.96 U
CHROMIUM	194	112	106	48.9	46.6	36.5
COPPER	377	138	122	39.9	154	14.2
LEAD	238	123	105	31.1	22.9	10.1
MERCURY	1	0.93	0.86	0.24 B	0.56	0.19
NICKEL	35.9	42.3	26.7	21.1	24	21.9
SELENIUM	1.4 U	1.3 U	1.1 U	1.2 U	1 U	0.96 U
SILVER	2.9 U	2.6 U	2.2 U	2.4 U	2.1 U	1.9 U
THALLIUM	2.9 U	2.6 U	2.2 U	2.4 U	2.1 U	1.9 U
ZINC	441	291	207	86.5	75.3	51.4
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	2600			1300		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C6A-1/C6B-1/C6C-1	C6B-1	C6B-1	EC-SDTR04-02	P2-2	P2-2
DEPTH (feet):	0 - 3'	3 - 6'	6 - 13'	0 - 0.5'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	ECO-2	SEAWOLF	SEAWOLF
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	05/03/95	04/09/94	04/09/94
LOCATION:	C6-PIER15-SOUTH	C6-PIER15-SOUTH	C6-PIER15-SOUTH	EC-SDTR04	P2	P2
VALIDATED:				VALIDATED		
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:				EXCAVATED		
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE				29 U		
1,1,2,2-TETRACHLOROETHANE				29 U		
1,1,2-TRICHLOROETHANE				29 U		
1,1-DICHLOROETHANE				29 U		
1,1-DICHLOROETHENE				29 U		
1,2-DICHLOROETHANE				29 U		
1,2-DICHLOROETHENE (TOTAL)				29 U		
1,2-DICHLOROPROPANE				29 U		
2-BUTANONE				93 J		
2-HEXANONE				29 U		
4-METHYL-2-PENTANONE				29 U		
ACETONE				300		
BENZENE				29 U		
BROMODICHLOROMETHANE				29 U		
BROMOFORM				29 U		
BROMOMETHANE				29 U		
CARBON DISULFIDE				29 U		
CARBON TETRACHLORIDE				29 U		
CHLOROBENZENE				29 U		
CHLOROETHANE				29 U		
CHLOROFORM				29 U		
CHLOROMETHANE				29 U		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C6A-1/C6B-1/C6C-1	C6B-1	C6B-1	EC-SDTR04-02	P2-2	P2-2
DEPTH (feet):	0 - 3'	3 - 6'	6 - 13'	0 - 0.5'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	ECO-2	SEAWOLF	SEAWOLF
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	05/03/95	04/09/94	04/09/94
LOCATION:	C6-PIER15-SOUTH	C6-PIER15-SOUTH	C6-PIER15-SOUTH	EC-SDTR04	P2	P2
VALIDATED:				VALIDATED		
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:				EXCAVATED		
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE				29 U		
DIBROMOCHLOROMETHANE				29 U		
ETHYLBENZENE				29 U		
METHYLENE CHLORIDE				29 U		
STYRENE				29 U		
TETRACHLOROETHENE				29 U		
TOLUENE				29 U		
TRANS-1,3-DICHLOROPROPENE				29 U		
TRICHLOROETHENE				29 U		
VINYL ACETATE				29 U		
VINYL CHLORIDE				29 U		
XYLENES, TOTAL				29 U		
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	150 U	140 U	140 U	970 U	150 U	130 U
1,2-DICHLOROBENZENE	150 U	140 U	140 U	970 U	150 U	130 U
1,2-DIPHENYLHYDRAZINE	150 U	140 U	140 U		150 U	130 U
1,3-DICHLOROBENZENE	150 U	140 U	140 U	970 U	150 U	130 U
1,4-DICHLOROBENZENE	150 U	140 U	140 U	970 U	150 U	130 U
2,4,5-TRICHLOROPHENOL				2400 U		
2,4,6-TRICHLOROPHENOL	150 U	140 U	140 U	970 U	150 U	130 U
2,4-DICHLOROPHENOL	150 U	140 U	140 U	970 U	150 U	130 U
2,4-DIMETHYLPHENOL	150 U	140 U	140 U	970 U	150 U	130 U

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SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C6A-1/C6B-1/C6C-1	C6B-1	C6B-1	EC-SDTR04-02	P2-2	P2-2
DEPTH (feet):	0 - 3'	3 - 6'	6 - 13'	0 - 0.5'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	ECO-2	SEAWOLF	SEAWOLF
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	05/03/95	04/09/94	04/09/94
LOCATION:	C6-PIER15-SOUTH	C6-PIER15-SOUTH	C6-PIER15-SOUTH	EC-SDTR04	P2	P2
VALIDATED:				VALIDATED		
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:				EXCAVATED		
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROPHENOL	770 U	690 U	690 U	2400 U	770 U	650 U
2,4-DINITROTOLUENE	150 U	140 U	140 U	970 U	150 U	130 U
2,6-DINITROTOLUENE	150 U	140 U	140 U	970 U	150 U	130 U
2-CHLORONAPHTHALENE	150 U	140 U	140 U	970 U	150 U	130 U
2-CHLOROPHENOL	150 U	140 U	140 U	970 U	150 U	130 U
2-METHYLNAPHTHALENE	150 U	140 U	140 U	970 U	150 U	190
2-METHYLPHENOL				970 U		
2-NITROANILINE				2400 U		
2-NITROPHENOL	150 U	140 U	140 U	970 U	150 U	130 U
3,3'-DICHLOROBENZIDINE	300 U	280 U	280 U	970 U	300 U	260 U
3-NITROANILINE				2400 U		
4,6-DINITRO-2-METHYLPHENOL	770 U	690 U	690 U	2400 U	770 U	650 U
4-BROMOPHENYL PHENYL ETHER	150 U	140 U	140 U	970 U	150 U	130 U
4-CHLORO-3-METHYLPHENOL	150 U	140 U	140 U	970 U	150 U	130 U
4-CHLOROANILINE				970 U		
4-CHLOROPHENYL PHENYL ETHER	150 U	140 U	140 U	970 U	150 U	130 U
4-METHYLPHENOL				970 U		
4-NITROANILINE				2400 U		
4-NITROPHENOL	770 U	690 U	690 U	2400 U	770 U	650 U
ACENAPHTHENE	150 U	140 U	140 U	970 U	160	700
ACENAPHTHYLENE	150 U	140 U	140 U	56 J	160	130 U
ANTHRACENE	150 U	140 U	140 U	200 J	240	480

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C6A-1/C6B-1/C6C-1	C6B-1	C6B-1	EC-SDTR04-02	P2-2	P2-2
DEPTH (feet):	0 - 3'	3 - 6'	6 - 13'	0 - 0.5'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	ECO-2	SEAWOLF	SEAWOLF
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	05/03/95	04/09/94	04/09/94
LOCATION:	C6-PIER15-SOUTH	C6-PIER15-SOUTH	C6-PIER15-SOUTH	EC-SDTR04	P2	P2
VALIDATED:				VALIDATED		
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:				EXCAVATED		
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZIDINE	150 U	140 U	140 U		150 U	130 U
BENZO(A)ANTHRACENE	200	140 U	140 U	820 J	530	520
BENZO(A)PYRENE	160	140 U	140 U	830 J	520	450
BENZO(B)FLUORANTHENE	150 U	140 U	140 U	970 U	360	310
BENZO(G,H,I)PERYLENE	150 U	140 U	140 U	480 J	300	220
BENZO(K)FLUORANTHENE	160	140 U	140 U	1300	570	450
BENZOIC ACID				7900 U		
BENZYL ALCOHOL				970 U		
BIS(2-CHLOROETHOXY)METHANE	150 U	140 U	140 U	970 U	150 U	130 U
BIS(2-CHLOROETHYL)ETHER	150 U	140 U	140 U	970 U	150 U	130 U
BIS(2-CHLOROISOPROPYL) ETHER	150 U	140 U	140 U	970 U	150 U	130 U
BIS(2-ETHYLHEXYL)PHTHALATE	400	150	290	970 U	570	590
BUTYLBENZYL PHTHALATE	150 U	140 U	140 U	970 U	150 U	130 U
CARBAZOLE				56 J		
CHRYSENE	230	140 U	140 U	1100	820	640
DI-N-BUTYL PHTHALATE	560	230	240	160 J	150 U	130 U
DI-N-OCTYL PHTHALATE	3100	630	4300	970 U	240	250
DIBENZO(A,H)ANTHRACENE	150 U	140 U	140 U	220 J	150 U	130 U
DIBENZOFURAN				970 U		
DIETHYL PHTHALATE	150 U	140 U	140 U	970 U	150 U	130 U
DIMETHYL PHTHALATE	150 U	140 U	140 U	970 U	150 U	130 U
FLUORANTHENE	320	140 U	140 U	2100	1200	1500

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SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C6A-1/C6B-1/C6C-1	C6B-1	C6B-1	EC-SDTR04-02	P2-2	P2-2
DEPTH (feet):	0 - 3'	3 - 6'	6 - 13'	0 - 0.5'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	ECO-2	SEAWOLF	SEAWOLF
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	05/03/95	04/09/94	04/09/94
LOCATION:	C6-PIER15-SOUTH	C6-PIER15-SOUTH	C6-PIER15-SOUTH	EC-SDTR04	P2	P2
VALIDATED:				VALIDATED		
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:				EXCAVATED		
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
FLUORENE	150 U	140 U	140 U	79 J	210	550
HEXACHLOROBENZENE	150 U	140 U	140 U	970 U	150 U	130 U
HEXACHLOROBUTADIENE	150 U	140 U	140 U	970 U	150 U	130 U
HEXACHLOROCYCLOPENTADIENE	150 U	140 U	140 U	970 UJ	150 U	130 U
HEXACHLOROETHANE	150 U	140 U	140 U	970 U	150 U	130 U
INDENO(1,2,3-CD)PYRENE	150 U	140 U	140 U	450 J	300	130 U
ISOPHORONE	150 U	140 U	140 U	970 U	150 U	130 U
N-NITROSO-DI-N-PROPYLAMINE	150 U	140 U	140 U	970 U	150 U	130 U
N-NITROSODIMETHYLAMINE	150 U	140 U	140 U		150 U	130 U
N-NITROSODIPHENYLAMINE	150 U	140 U	140 U	970 U	150 U	130 U
NAPHTHALENE	150 U	140 U	140 U	970 U	150 U	370
NITROBENZENE	150 U	140 U	140 U	970 U	150 U	130 U
PENTACHLOROPHENOL	770 U	690 U	690 U	2400 U	770 U	650 U
PHENANTHRENE	150 U	140 U	140 U	480 J	970	2000
PHENOL	150 U	140 U	140 U	970 U	150 U	130 U
PYRENE	400	140 U	140 U	1600	1400	1500
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	7.7 U	6.9 U	6.9 U	97 U	8.5	5.5 J
4,4'-DDE	7.7 U	6.9 U	6.9 U	97 U	7.7 U	3.5 J
4,4'-DDT	7.7 U	6.9 U	6.9 U	97 U	7.7 U	6.5 U
ALDRIN	3.9 U	3.4 U	3.4 U	50 U	5	19
ALPHA-BHC	3.9 U	3.4 U	3.4 U	50 U	2.6	3.2 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C6A-1/C6B-1/C6C-1	C6B-1	C6B-1	EC-SDTR04-02	P2-2	P2-2
DEPTH (feet):	0 - 3'	3 - 6'	6 - 13'	0 - 0.5'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	ECO-2	SEAWOLF	SEAWOLF
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	05/03/95	04/09/94	04/09/94
LOCATION:	C6-PIER15-SOUTH	C6-PIER15-SOUTH	C6-PIER15-SOUTH	EC-SDTR04	P2	P2
VALIDATED:				VALIDATED		
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:				EXCAVATED		
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
ALPHA-CHLORDANE				50 U		
AROCLOR-1016	77 U	69 U	69 U	970 U	77 U	65 U
AROCLOR-1221	77 U	69 U	69 U	2000 U	77 U	65 U
AROCLOR-1232	77 U	69 U	69 U	970 U	77 U	65 U
AROCLOR-1242	77 U	69 U	69 U	970 U	77 U	65 U
AROCLOR-1248	15 J	69 U	69 U	970 U	77 U	65 U
AROCLOR-1254	12 J	69 U	69 U	970 U	77 U	65 U
AROCLOR-1260	77 U	69 U	69 U	970 U	170	68
BETA-BHC	3.9 U	3.4 U	3.4 U	50 U	4.5	4.9
CHLORDANE	39 U	34 U	34 U		38 U	32 U
DELTA-BHC	3.9 U	3.4 U	3.4 U	50 U	8	6.1
DIELDRIN	7.7 U	6.9 U	6.9 U	97 U	7.7 U	6.5 U
ENDOSULFAN I	5.6	3.4 U	2 J	50 U	9.6	5.2
ENDOSULFAN II	7.7 U	6.9 U	6.9 U	97 U	11	6.5 U
ENDOSULFAN SULFATE	7.7 U	6.9 U	6.9 U	97 U	7.5 J	6.5 U
ENDRIN	7.7 U	6.9 U	6.9 U	97 U	7.7 U	6.5 U
ENDRIN ALDEHYDE	7.7 U	6.9 U	6.9 U	22 R	7.7 U	6.5 U
ENDRIN KETONE				97 U		
GAMMA-BHC (LINDANE)	3.9 U	3.4 U	3.4 U	50 U	3.8 U	3.2 U
GAMMA-CHLORDANE				50 U		
HEPTACHLOR	3.9 U	3.4 U	3.4 U	50 U	3.8 U	3.2 U
HEPTACHLOR EPOXIDE	3.9 U	3.4 U	3.4 U	50 U	9.7	3 J

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C6A-1/C6B-1/C6C-1	C6B-1	C6B-1	EC-SDTR04-02	P2-2	P2-2
DEPTH (feet):	0 - 3'	3 - 6'	6 - 13'	0 - 0.5'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	ECO-2	SEAWOLF	SEAWOLF
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	05/03/95	04/09/94	04/09/94
LOCATION:	C6-PIER15-SOUTH	C6-PIER15-SOUTH	C6-PIER15-SOUTH	EC-SDTR04	P2	P2
VALIDATED:				VALIDATED		
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:				EXCAVATED		
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
METHOXYCHLOR	39 U	34 U	34 U	500 U	38 U	32 U
TOXAPHENE	390 U	340 U	340 U	5000 U	380 U	320 U
METALS (mg/kg)						
ALUMINUM				11600 J		
ANTIMONY	2.3 U	2.1 U	2.1 U	2 UR	6.5 B	2 U
ARSENIC	11.4	12.7	10.2	13.5 J	16	8.8
BARIUM				51.6 J		
BERYLLIUM	1.2 U	1 U	1 U	0.92 J	1.2 U	0.98 U
BORON				53.3 J		
CADMIUM	1.2 U	1 U	1 U	0.68 UR	3	1.1
CALCIUM				28200 J		
CHROMIUM	49.2	39.1	39.9	66.5 J	240	112
COBALT				7.3 J		
COPPER	40.8	14	14.6	132 J	1570	134
IRON				26200 J		
LEAD	33.8	10.5	11.4	79.7 J	406	184
MAGNESIUM				8650 J		
MANGANESE				290 J		
MERCURY	0.28	0.21 U	0.21 B	0.41 U	3.1	1.3
NICKEL	24.7	24.1	21.1	26.9 J	30.3	20.2
POTASSIUM				5420 J		
SELENIUM	1.2 U	1 U	1 U	3.4 UR	1.4 B	0.98 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	C6A-1/C6B-1/C6C-1	C6B-1	C6B-1	EC-SDTR04-02	P2-2	P2-2
DEPTH (feet):	0 - 3'	3 - 6'	6 - 13'	0 - 0.5'	3 - 6'	6 - 8'
INVESTIGATION:	PIER15/17	PIER15/17	PIER15/17	ECO-2	SEAWOLF	SEAWOLF
SAMPLE DATE:	04/12/94	04/12/94	04/12/94	05/03/95	04/09/94	04/09/94
LOCATION:	C6-PIER15-SOUTH	C6-PIER15-SOUTH	C6-PIER15-SOUTH	EC-SDTR04	P2	P2
VALIDATED:				VALIDATED		
SAMPLE TYPE:	COMPOSITE	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:				EXCAVATED		
FIELD DUPLICATE OF:						
METALS (mg/kg)						
SILVER	2.3 U	2.1 U	2.1 U	1.4 UR	2.3 U	2 U
SODIUM				23000 J		
THALLIUM	2.3 U	2.1 U	2.1 U	2 UR	2.3 U	2 U
VANADIUM				41.5 J		
ZINC	84.7	54.6	55.6	165 J	747	164
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)				2.2 U		
CADMIUM(SEM)				0.77		
CHROMIUM(SEM)				15		
COPPER(SEM)				67		
LEAD(SEM)				70		
MERCURY(SEM)				0.0088		
NICKEL(SEM)				6.7		
ZINC(SEM)				110		
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE				1400		
TOTAL ORGANIC CARBON	670			1745	2300	980

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	P2-2	P2/P3	LS7SD00101	LS7SD00201	LS7SD00301	
DEPTH (feet):	8 - 10'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	SEAWOLF	1997RI	1997RI	1997RI	
SAMPLE DATE:	04/09/94	04/09/94	10/21/97	10/21/97	10/21/97	/ /
LOCATION:	P2	P2/P3	SW/SD1-7RI	SW/SD2-7RI	SW/SD3-7RI	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	37 U	170 U	1300 U	1200 U	990 U	
1,2-DICHLOROBENZENE	37 U	170 U	1300 U	1200 U	990 U	
1,2-DIPHENYLHYDRAZINE	37 U	170 U				
1,3-DICHLOROBENZENE	37 U	170 U	1300 U	1200 U	990 U	
1,4-DICHLOROBENZENE	37 U	170 U	1300 U	1200 U	990 U	
2,2'-OXYBIS(1-CHLOROPROPANE)			1300 U	1200 U	990 U	
2,4,5-TRICHLOROPHENOL			3200 U	3000 U	2500 U	
2,4,6-TRICHLOROPHENOL	37 U	170 U	1300 U	1200 U	990 U	
2,4-DICHLOROPHENOL	37 U	170 U	1300 U	1200 U	990 U	
2,4-DIMETHYLPHENOL	37 U	170 U	1300 U	1200 U	990 U	
2,4-DINITROPHENOL	180 U	850 U	3200 U	3000 U	2500 U	
2,4-DINITROTOLUENE	37 U	170 U	1300 U	1200 U	990 U	
2,6-DINITROTOLUENE	37 U	170 U	1300 U	1200 U	990 U	
2-CHLORONAPHTHALENE	37 U	170 U	1300 U	1200 U	990 U	
2-CHLOROPHENOL	37 U	170 U	1300 U	1200 U	990 U	
2-METHYLNAPHTHALENE	37 U	170 U	1300 U	310 J	990 U	
2-METHYLPHENOL			1300 U	1200 U	990 U	
2-NITROANILINE			3200 U	3000 U	2500 U	
2-NITROPHENOL	37 U	170 U	1300 U	1200 U	990 U	
3,3'-DICHLOROBENZIDINE	74 U	340 U	1300 UJ	1200 UJ	990 UJ	
3-NITROANILINE			3200 U	3000 U	2500 U	
4,6-DINITRO-2-METHYLPHENOL	180 U	850 U	3200 U	3000 U	2500 U	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	P2-2	P2/P3	LS7SD00101	LS7SD00201	LS7SD00301	
DEPTH (feet):	8 - 10'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	SEAWOLF	1997RI	1997RI	1997RI	
SAMPLE DATE:	04/09/94	04/09/94	10/21/97	10/21/97	10/21/97	/ /
LOCATION:	P2	P2/P3	SW/SD1-7RI	SW/SD2-7RI	SW/SD3-7RI	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
4-BROMOPHENYL PHENYL ETHER	37 U	170 U	1300 U	1200 U	990 U	
4-CHLORO-3-METHYLPHENOL	37 U	170 U	1300 U	1200 U	990 U	
4-CHLOROANILINE			1300 U	1200 U	990 U	
4-CHLOROPHENYL PHENYL ETHER	37 U	170 U	1300 U	1200 U	990 U	
4-METHYLPHENOL			1300 U	1200 U	990 U	
4-NITROANILINE			3200 UJ	3000 UJ	2500 UJ	
4-NITROPHENOL	180 U	850 U	3200 U	3000 U	2500 U	
ACENAPHTHENE	37 U	8900	1300 U	820 J	990 U	
ACENAPHTHYLENE	37 U	320	1300 U	1200 U	990 U	
ANTHRACENE	41	2500	200 J	540 J	120 J	
BENZIDINE	37 U	170 U				
BENZO(A)ANTHRACENE	74	4500	680 J	1400	570 J	
BENZO(A)PYRENE	67	2300	480 J	630 J	400 J	
BENZO(B)FLUORANTHENE	37 U	2600	520 J	860 J	420 J	
BENZO(G,H,I)PERYLENE	37 U	1000	350 J	570 J	290 J	
BENZO(K)FLUORANTHENE	66	1800	380 J	840 J	410 J	
BIS(2-CHLOROETHOXY)METHANE	37 U	170 U	1300 U	1200 U	990 U	
BIS(2-CHLOROETHYL)ETHER	37 U	170 U	1300 U	1200 U	990 U	
BIS(2-CHLOROISOPROPYL) ETHER	37 U	170 U				
BIS(2-ETHYLHEXYL)PHTHALATE	54	1000	1300 U	1200 U	990 U	
BUTYLBENZYL PHTHALATE	37 U	170 U	1300 U	1200 U	990 U	
CARBAZOLE			1300 U	400 J	78 J	

000028

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	P2-2	P2/P3	LS7SD00101	LS7SD00201	LS7SD00301	
DEPTH (feet):	8 - 10'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	SEAWOLF	1997RI	1997RI	1997RI	
SAMPLE DATE:	04/09/94	04/09/94	10/21/97	10/21/97	10/21/97	/ /
LOCATION:	P2	P2/P3	SW/SD1-7RI	SW/SD2-7RI	SW/SD3-7RI	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
CHRYSENE	88	4900	880 J	1900	750 J	
DI-N-BUTYL PHTHALATE	91	830	1300 U	1200 U	990 U	
DI-N-OCTYL PHTHALATE	160	2500	1300 UJ	1200 UJ	990 UJ	
DIBENZO(A,H)ANTHRACENE	37 U	530	140 J	200 J	180 J	
DIBENZOFURAN			1300 U	580 J	990 U	
DIETHYL PHTHALATE	37 U	170 U	1300 U	1200 U	990 U	
DIMETHYL PHTHALATE	37 U	170 U	1300 U	1200 U	990 U	
FLUORANTHENE	160	16000	1500	7200	1500	
FLUORENE	37 U	8700	1300 U	610 J	52 J	
HEXACHLOROBENZENE	37 U	170 U	1300 UJ	1200 UJ	990 UJ	
HEXACHLOROBUTADIENE	37 U	170 U	1300 U	1200 U	990 U	
HEXACHLOROCYCLOPENTADIENE	37 U	2800	1300 UJ	1200 UJ	990 UJ	
HEXACHLOROETHANE	37 U	170 U	1300 U	1200 U	990 U	
INDENO(1,2,3-CD)PYRENE	37 U	1100	400 J	470 J	350 J	
ISOPHORONE	37 U	170 U	1300 U	1200 U	990 U	
N-NITROSO-DI-N-PROPYLAMINE	37 U	170 U	1300 U	1200 U	990 U	
N-NITROSODIMETHYLAMINE	37 U	170 U				
N-NITROSODIPHENYLAMINE	37 U	170 U	1300 U	1200 U	990 U	
NAPHTHALENE	37 U	6800	1300 U	440 J	990 U	
NITROBENZENE	37 U	170 U	1300 U	1200 U	990 U	
PENTACHLOROPHENOL	180 U	850 U	3200 U	3000 U	2500 U	
PHENANTHRENE	100	25000	450 J	5100	420 J	

62009

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	P2-2	P2/P3	LS7SD00101	LS7SD00201	LS7SD00301	
DEPTH (feet):	8 - 10'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	SEAWOLF	1997RI	1997RI	1997RI	
SAMPLE DATE:	04/09/94	04/09/94	10/21/97	10/21/97	10/21/97	/ /
LOCATION:	P2	P2/P3	SW/SD1-7RI	SW/SD2-7RI	SW/SD3-7RI	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
PHENOL	37 U	170 U	1300 U	1200 U	990 U	
PYRENE	210	11000	1200 J	4800	1200	
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	3.6 U	8.5 U				
4,4'-DDE	3.6 U	8.9				
4,4'-DDT	3.6 U	14				
ALDRIN	1.8 U	2.7 J				
ALPHA-BHC	1.8 U	4.3 U				
AROCLOR-1016	36 U	85 U				
AROCLOR-1221	36 U	85 U				
AROCLOR-1232	36 U	85 U				
AROCLOR-1242	36 U	85 U				
AROCLOR-1248	36 U	120				
AROCLOR-1254	36 U	85 U				
AROCLOR-1260	36 U	150				
BETA-BHC	1.8 U	3.6 J				
CHLORDANE	18 U	43 U				
DELTA-BHC	1.8 U	4.6				
DIELDRIN	3.6 U	7.6 J				
ENDOSULFAN I	1.8 U	4.3 U				
ENDOSULFAN II	3.6 U	8.5 U				
ENDOSULFAN SULFATE	3.6 U	8.5 U				

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	P2-2	P2/P3	LS7SD00101	LS7SD00201	LS7SD00301	
DEPTH (feet):	8 - 10'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	SEAWOLF	1997RI	1997RI	1997RI	
SAMPLE DATE:	04/09/94	04/09/94	10/21/97	10/21/97	10/21/97	/ /
LOCATION:	P2	P2/P3	SW/SD1-7RI	SW/SD2-7RI	SW/SD3-7RI	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
ENDRIN	3.6 U	5 J				
ENDRIN ALDEHYDE	3.6 U	5.3 J				
GAMMA-BHC (LINDANE)	1.8 U	4.3 U				
HEPTACHLOR	1.8 U	4.3 U				
HEPTACHLOR EPOXIDE	1.8 U	7.1				
METHOXYCHLOR	18 U	21 J				
TOXAPHENE	180 U	430 U				
METALS (mg/kg)						
ALUMINUM			17000 J	14000 J	14700 J	
ANTIMONY	1.1 U	4.3 B	0.84 UJ	0.73 UJ	0.72 UJ	
ARSENIC	1.4	13.3	16.4	13.1	13.5	
BARIUM			57.4	47.0	57.8	
BERYLLIUM	0.55 U	2.1	0.21 J	0.21 J	0.35 J	
CADMIUM	0.55 U	2.9	1.1	1.1	1.7	
CALCIUM			8180 J	9550 J	5170 J	
CHROMIUM	6.3	170	73.4	64.5	84.6	
COBALT			8.6	7.6	8.6	
COPPER	5	958	126 J	104 J	114 J	
IRON			32300	27300	29800	
LEAD	5.5 U	277	78.9 J	70.0 J	83.3 J	
MAGNESIUM			10900	9550	9210	
MANGANESE			397	322	308	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	P2-2	P2/P3	LS7SD00101	LS7SD00201	LS7SD00301	
DEPTH (feet):	8 - 10'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	SEAWOLF	SEAWOLF	1997RI	1997RI	1997RI	
SAMPLE DATE:	04/09/94	04/09/94	10/21/97	10/21/97	10/21/97	/ /
LOCATION:	P2	P2/P3	SW/SD1-7RI	SW/SD2-7RI	SW/SD3-7RI	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	COMPOSITE	GRAB	GRAB	GRAB	
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
MERCURY	0.11 U	1.7	0.37 J	0.31 J	0.52 J	
NICKEL	4.8	64.0	36.5	24.9	28.3	
POTASSIUM			5190	4320	4370	
SELENIUM	0.55 U	1.3 U	1.0 U	0.68 U	1.2 U	
SILVER	1.1 U	2.6 U	0.91 J	0.83 J	0.93 J	
SODIUM			28500	26900	20300	
THALLIUM	1.1 U	2.6 U	1.6 U	1.4 U	1.4 U	
VANADIUM			51.6	48.1	45.0	
ZINC	10.1	1150	233	181	199	
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
CADMIUM(SEM)			0.99	0.63	1.1	
COPPER(SEM)			116 J	77.8 J	74.3 J	
LEAD(SEM)			85.0 J	63.0 J	68.9 J	
NICKEL(SEM)			21.6	15.2	17.5	
ZINC(SEM)			222 J	148 J	165 J	
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE			1100 J	1500 J	1000 J	
AMMONIA, AS NITROGEN			150	94 U	68 U	
TOTAL ORGANIC CARBON	55 U	2200	60000	68000	52000	
GENERAL CHEMISTRY						
PH			8.1	7.9	7.9	

APPENDIX H.4.1.10

GOSS COVE

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9012	MG-9011	MG-9005	M2A	M2B	EC-T3SD1-02
DEPTH (feet):	0 - 2.8'	0 - 3.8'	0 - 3.3'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	01/01/92	01/01/92	05/03/95
LOCATION:	12	13	14	M2	M2	T3SD1
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE						27 U
1,1,2,2-TETRACHLOROETHANE						27 U
1,1,2-TRICHLOROETHANE						27 U
1,1-DICHLOROETHANE						27 U
1,1-DICHLOROETHENE						27 U
1,2-DICHLOROETHANE						27 U
1,2-DICHLOROETHENE (TOTAL)						27 U
1,2-DICHLOROPROPANE						27 U
2-BUTANONE						30 J
2-HEXANONE						27 U
4-METHYL-2-PENTANONE						27 U
ACETONE						96
BENZENE						27 U
BROMODICHLOROMETHANE						27 U
BROMOFORM						27 U
BROMOMETHANE						27 U
CARBON DISULFIDE						27 U
CARBON TETRACHLORIDE						27 U
CHLOROBENZENE						27 U
CHLOROETHANE						27 U
CHLOROFORM						27 U
CHLOROMETHANE						27 U

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SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9012	MG-9011	MG-9005	M2A	M2B	EC-T3SD1-02
DEPTH (feet):	0 - 2.8'	0 - 3.8'	0 - 3.3'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	01/01/92	01/01/92	05/03/95
LOCATION:	12	13	14	M2	M2	T3SD1
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE						27 U
DIBROMOCHLOROMETHANE						27 U
ETHYLBENZENE						27 U
METHYLENE CHLORIDE						27 U
STYRENE						27 U
TETRACHLOROETHENE						27 U
TOLUENE						27 U
TRANS-1,3-DICHLOROPROPENE						27 U
TRICHLOROETHENE						27 U
VINYL ACETATE						27 U
VINYL CHLORIDE						27 U
XYLENES, TOTAL						27 U
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE						890 U
1,2-DICHLOROBENZENE						890 U
1,3-DICHLOROBENZENE						890 U
1,4-DICHLOROBENZENE						890 U
2,4,5-TRICHLOROPHENOL						2200 U
2,4,6-TRICHLOROPHENOL						890 U
2,4-DICHLOROPHENOL						890 U
2,4-DIMETHYLPHENOL						890 U
2,4-DINITROPHENOL						2200 U

20002

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9012	MG-9011	MG-9005	M2A	M2B	EC-T3SD1-02
DEPTH (feet):	0 - 2.8'	0 - 3.8'	0 - 3.3'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	01/01/92	01/01/92	05/03/95
LOCATION:	12	13	14	M2	M2	T3SD1
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE						890 U
2,6-DINITROTOLUENE						890 U
2-CHLORONAPHTHALENE						890 U
2-CHLOROPHENOL						890 U
2-METHYLNAPHTHALENE						890 U
2-METHYLPHENOL						890 U
2-NITROANILINE						2200 U
2-NITROPHENOL						890 U
3,3'-DICHLOROBENZIDINE						890 U
3-NITROANILINE						2200 U
4,6-DINITRO-2-METHYLPHENOL						2200 U
4-BROMOPHENYL PHENYL ETHER						890 U
4-CHLORO-3-METHYLPHENOL						890 U
4-CHLOROANILINE						890 U
4-CHLOROPHENYL PHENYL ETHER						890 U
4-METHYLPHENOL						890 U
4-NITROANILINE						2200 U
4-NITROPHENOL						2200 U
ACENAPHTHENE				100 U	100 U	890 U
ACENAPHTHYLENE				100 U	100 U	48 J
ANTHRACENE				100 U	100 U	110 J
BENZO(A)ANTHRACENE	160	20 U	20 U	540	100 U	390 J

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9012	MG-9011	MG-9005	M2A	M2B	EC-T3SD1-02
DEPTH (feet):	0 - 2.8'	0 - 3.8'	0 - 3.3'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	01/01/92	01/01/92	05/03/95
LOCATION:	12	13	14	M2	M2	T3SD1
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	20 U	20 U	20 U	480	100 U	520 J
BENZO(B)FLUORANTHENE				480	100 U	880 J
BENZO(G,H,I)PERYLENE				100 U	100 U	340 J
BENZO(K)FLUORANTHENE				400	100 U	890 U
BENZOIC ACID						4600 U
BENZYL ALCOHOL						890 U
BIS(2-CHLOROETHOXY)METHANE						890 U
BIS(2-CHLOROETHYL)ETHER						890 U
BIS(2-CHLOROISOPROPYL) ETHER						890 U
BIS(2-ETHYLHEXYL)PHTHALATE						890 U
BUTYLBENZYL PHTHALATE						890 U
CARBAZOLE						890 U
CHRYSENE	20 U	44	20 U	680	100 U	580 J
DI-N-BUTYL PHTHALATE						57 J
DI-N-OCTYL PHTHALATE						890 U
DIBENZO(A,H)ANTHRACENE				100 U	100 U	140 J
DIBENZOFURAN						890 U
DIETHYL PHTHALATE						890 U
DIMETHYL PHTHALATE						890 U
FLUORANTHENE	202	20 U	20 U	790	100 U	910
FLUORENE						890 U
HEXACHLOROBENZENE						890 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9012	MG-9011	MG-9005	M2A	M2B	EC-T3SD1-02
DEPTH (feet):	0 - 2.8'	0 - 3.8'	0 - 3.3'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	01/01/92	01/01/92	05/03/95
LOCATION:	12	13	14	M2	M2	T3SD1
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
HEXACHLOROBUTADIENE						890 U
HEXACHLOROCYCLOPENTADIENE						890 UJ
HEXACHLOROETHANE						890 U
INDENO(1,2,3-CD)PYRENE				300	100 U	290 J
ISOPHORONE						890 U
N-NITROSO-DI-N-PROPYLAMINE						890 U
N-NITROSODIPHENYLAMINE						890 U
NAPHTHALENE				100 U	100 U	890 U
NITROBENZENE						890 U
PENTACHLOROPHENOL						2200 U
PHENANTHRENE	20 U	20 U	20 U	340	100 U	320 J
PHENOL						890 U
PYRENE	185	20 U	37	1050	100 U	830 J
BUTYLTIN (µg/kg)						
DIBUTYLTIN	4 U					
MONOBUTYLTIN	20 U					
TRIBUTYLTIN	4 U					
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	20 U	20 U	20 U			89 U
4,4'-DDE	20 U	20 U	20 U			89 U
4,4'-DDT	20 U	20 U	20 U			89 U
ALDRIN	20 U	20 U	20 U			46 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9012	MG-9011	MG-9005	M2A	M2B	EC-T3SD1-02
DEPTH (feet):	0 - 2.8'	0 - 3.8'	0 - 3.3'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	01/01/92	01/01/92	05/03/95
LOCATION:	12	13	14	M2	M2	T3SD1
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
ALPHA-BHC	20 U	20 U	20 U			46 U
ALPHA-CHLORDANE						46 U
AROCLOR-1016	10 U	10 U	10 U			890 U
AROCLOR-1221	10 U	10 U	10 U			1800 U
AROCLOR-1232	10 U	10 U	10 U			890 U
AROCLOR-1242	10 U	10 U	10 U			890 U
AROCLOR-1248	10 U	10 U	10 U			890 U
AROCLOR-1254	10 U	10 U	10 U			890 U
AROCLOR-1260	10 U	10 U	10 U			890 U
BETA-BHC	20 U	20 U	20 U			46 U
CHLORDANE	20 U	20 U	20 U			
DELTA-BHC	20 U	20 U	20 U			46 U
DIELDRIN	20 U	20 U	20 U			89 U
ENDOSULFAN I	20 U	20 U	20 U			46 U
ENDOSULFAN II	20 U	20 U	20 U			89 U
ENDOSULFAN SULFATE	20 U	20 U	20 U			89 U
ENDRIN	20 U	20 U	20 U			89 U
ENDRIN ALDEHYDE	20 U	20 U	20 U			14 R
ENDRIN KETONE						89 U
GAMMA-BHC (LINDANE)	20 U	20 U	20 U			46 U
GAMMA-CHLORDANE						46 U
HEPTACHLOR	20 U	20 U	20 U			46 U

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9012	MG-9011	MG-9005	M2A	M2B	EC-T3SD1-02
DEPTH (feet):	0 - 2.8'	0 - 3.8'	0 - 3.3'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	01/01/92	01/01/92	05/03/95
LOCATION:	12	13	14	M2	M2	T3SD1
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
HEPTACHLOR EPOXIDE	20 U	20 U	20 U			46 U
METHOXYCHLOR	20 U	20 U	20 U			460 U
TOXAPHENE	20 U	20 U	20 U			4600 U
METALS (mg/kg)						
ALUMINUM						13500
ANTIMONY						2.1 J
ARSENIC	7.89	5.77	8.7	9.3	14	12.7
BARIUM				67	59	59.9
BERYLLIUM						0.88
BORON						53.3
CADMIUM	1	1.3	1.38	3	2.7	0.54 U
CALCIUM						18700
CHROMIUM	31.6	30.4	29	78	54	69.3
COBALT						8.3
COPPER	32.1	21.2	21.3	129	59	88.1
IRON						28800
LEAD	41.1	31.4	31	100	51	80.9
MAGNESIUM						9090
MANGANESE						329
MERCURY	0.18	0.1	0.04	0.3	0.1	0.35 U
NICKEL	11	16.3	15.3	102	72	32.8
POTASSIUM						5470

00007

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9012	MG-9011	MG-9005	M2A	M2B	EC-T3SD1-02
DEPTH (feet):	0 - 2.8'	0 - 3.8'	0 - 3.3'	0 - 3'	3 - 6'	0 - 0.5'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE	TR_DREDGE	ECO-2
SAMPLE DATE:	03/07/90	03/07/90	03/07/90	01/01/92	01/01/92	05/03/95
LOCATION:	12	13	14	M2	M2	T3SD1
VALIDATED:						VALIDATED
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:		EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
METALS (mg/kg)						
SELENIUM						2.7 UJ
SILVER						1.1 U
SODIUM						18200
THALLIUM						2 J
VANADIUM						45.1
ZINC	62.7	55	56.3	269	171	158
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)						1.9 U
CADMIUM(SEM)						0.37
CHROMIUM(SEM)						12
COPPER(SEM)						39
LEAD(SEM)						61
MERCURY(SEM)						0.0074 U
NICKEL(SEM)						7
ZINC(SEM)						82
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE						1200
TOTAL ORGANIC CARBON	18711	22358		49900	43000	1169

00008

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SD1	T3SD1-D	T4SD1	T5SD1		
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'		
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1		
SAMPLE DATE:	11/09/93	11/09/93	11/09/93	11/09/93	/ /	/ /
LOCATION:	T3SD1	T3SD1	T4SD1	T5SD1		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:			EXCAVATED			
FIELD DUPLICATE OF:		T3SD1				
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	26 U	26 UJ				
1,1,2,2-TETRACHLOROETHANE	26 U	26 UJ				
1,1,2-TRICHLOROETHANE	26 U	26 UJ				
1,1-DICHLOROETHANE	26 U	26 U				
1,1-DICHLOROETHENE	26 U	26 U				
1,2-DICHLOROETHANE	26 U	26 U				
1,2-DICHLOROETHENE (TOTAL)	26 U	26 U				
1,2-DICHLOROPROPANE	26 U	26 UJ				
2-BUTANONE	26 U	52				
2-HEXANONE	26 U	26 UJ				
4-METHYL-2-PENTANONE	26 U	26 UJ				
ACETONE	140 U	200 U				
BENZENE	26 U	26 UJ				
BROMODICHLOROMETHANE	26 U	26 UJ				
BROMOFORM	26 U	26 UJ				
BROMOMETHANE	26 U	26 U				
CARBON DISULFIDE	26 U	7 J				
CARBON TETRACHLORIDE	26 U	26 UJ				
CHLOROBENZENE	26 U	26 UJ				
CHLOROETHANE	26 U	26 U				
CHLOROFORM	26 U	26 U				
CHLOROMETHANE	26 U	26 U				

60009

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SD1	T3SD1-D	T4SD1	T5SD1		
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'		
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1		
SAMPLE DATE:	11/09/93	11/09/93	11/09/93	11/09/93	/ /	/ /
LOCATION:	T3SD1	T3SD1	T4SD1	T5SD1		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:			EXCAVATED			
FIELD DUPLICATE OF:		T3SD1				
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	26 U	26 UJ				
DIBROMOCHLOROMETHANE	26 U	26 UJ				
ETHYLBENZENE	26 U	26 UJ				
METHYLENE CHLORIDE	21 U	20 U				
STYRENE	26 U	26 UJ				
TETRACHLOROETHENE	26 U	26 UJ				
TOLUENE	26 U	26 UJ				
TRANS-1,3-DICHLOROPROPENE	26 U	26 UJ				
TRICHLOROETHENE	26 U	26 UJ				
VINYL ACETATE	26 U	26 UJ				
VINYL CHLORIDE	26 U	26 U				
XYLENES, TOTAL	26 U	26 UJ				
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	1700 U	1700 U	1900 U	1600 U		
1,2-DICHLOROBENZENE	1700 U	1700 U	1900 U	1600 U		
1,3-DICHLOROBENZENE	1700 U	1700 U	1900 U	1600 U		
1,4-DICHLOROBENZENE	1700 U	1700 U	1900 U	1600 U		
2,4,5-TRICHLOROPHENOL	4100 U	4100 U	4600 U	3800 U		
2,4,6-TRICHLOROPHENOL	1700 U	1700 U	1900 U	1600 U		
2,4-DICHLOROPHENOL	1700 U	1700 U	1900 U	1600 U		
2,4-DIMETHYLPHENOL	1700 U	1700 U	1900 U	1600 U		
2,4-DINITROPHENOL	4100 UJ	4100 UJ	4600 UJ	3800 UJ		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SD1	T3SD1-D	T4SD1	T5SD1		
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'		
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1		
SAMPLE DATE:	11/09/93	11/09/93	11/09/93	11/09/93	/ /	/ /
LOCATION:	T3SD1	T3SD1	T4SD1	T5SD1		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:			EXCAVATED			
FIELD DUPLICATE OF:		T3SD1				
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	1700 U	1700 U	1900 U	1600 U		
2,6-DINITROTOLUENE	1700 U	1700 U	1900 U	1600 U		
2-CHLORONAPHTHALENE	1700 U	1700 U	1900 U	1600 U		
2-CHLOROPHENOL	1700 U	1700 U	1900 U	1600 U		
2-METHYLNAPHTHALENE	1700 U	1700 U	1900 U	1600 U		
2-METHYLPHENOL	1700 U	1700 U	1900 U	1600 U		
2-NITROANILINE	4100 U	4100 U	4600 U	3800 U		
2-NITROPHENOL	1700 U	1700 U	1900 U	1600 U		
3,3'-DICHLOROBENZIDINE	1700 U	1700 U	1900 U	1600 U		
3-NITROANILINE	4100 U	4100 U	4600 U	3800 U		
4,6-DINITRO-2-METHYLPHENOL	4100 U	4100 U	4600 U	3800 U		
4-BROMOPHENYL PHENYL ETHER	1700 U	1700 U	1900 U	1600 U		
4-CHLORO-3-METHYLPHENOL	1700 U	1700 U	1900 U	1600 U		
4-CHLOROANILINE	1700 U	1700 U	1900 U	1600 U		
4-CHLOROPHENYL PHENYL ETHER	1700 U	1700 U	1900 U	1600 U		
4-METHYLPHENOL	1700 U	1700 U	1900 U	1600 U		
4-NITROANILINE	4100 U	4100 U	4600 U	3800 U		
4-NITROPHENOL	4100 U	4100 U	4600 U	3800 U		
ACENAPHTHENE	1700 U	1700 U	1900 U	1600 U		
ACENAPHTHYLENE	1700 U	1700 U	100 J	130 J		
ANTHRACENE	150 J	130 J	190 J	230 J		
BENZO(A)ANTHRACENE	460 J	460 J	760 J	560 J		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SD1	T3SD1-D	T4SD1	T5SD1		
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'		
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1		
SAMPLE DATE:	11/09/93	11/09/93	11/09/93	11/09/93	/ /	/ /
LOCATION:	T3SD1	T3SD1	T4SD1	T5SD1		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:			EXCAVATED			
FIELD DUPLICATE OF:		T3SD1				
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	570 J	490 J	710 J	670 J		
BENZO(B)FLUORANTHENE	600 J	670 J	630 J	680 J		
BENZO(G,H,I)PERYLENE	320 J	410 J	420 J	480 J		
BENZO(K)FLUORANTHENE	460 J	300 J	540 J	460 J		
BENZOIC ACID	4100 U	4100 U	4600 U	3800 U		
BENZYL ALCOHOL	1700 UJ	1700 UJ	1900 UJ	1600 UJ		
BIS(2-CHLOROETHOXY)METHANE	1700 U	1700 U	1900 U	1600 U		
BIS(2-CHLOROETHYL)ETHER	1700 U	1700 U	1900 U	1600 U		
BIS(2-CHLOROISOPROPYL) ETHER	1700 U	1700 U	1900 U	1600 U		
BIS(2-ETHYLHEXYL)PHTHALATE	1700 U	1700 U	1900 U	1600 U		
BUTYLBENZYL PHTHALATE	1700 U	1700 U	1900 U	1600 U		
CARBAZOLE	1700 U	1700 U	1900 U	1600 U		
CHRYSENE	610 J	570 J	800 J	700 J		
DI-N-BUTYL PHTHALATE	1700 U	88 J	1900 U	1600 U		
DI-N-OCTYL PHTHALATE	1700 UJ	1700 UJ	1900 UJ	1600 UJ		
DIBENZO(A,H)ANTHRACENE	1700 U	1700 U	1900 U	1600 U		
DIBENZOFURAN	1700 U	1700 U	1900 U	1600 U		
DIETHYL PHTHALATE	1700 U	1700 U	1900 U	1600 U		
DIMETHYL PHTHALATE	1700 U	1700 U	1900 U	1600 U		
FLUORANTHENE	680 J	920 J	1100 J	1200 J		
FLUORENE	1700 U	1700 U	1900 U	1600 U		
HEXACHLOROBENZENE	1700 U	1700 U	1900 U	1600 U		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SD1	T3SD1-D	T4SD1	T5SD1		
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'		
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1		
SAMPLE DATE:	11/09/93	11/09/93	11/09/93	11/09/93	/ /	/ /
LOCATION:	T3SD1	T3SD1	T4SD1	T5SD1		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:			EXCAVATED			
FIELD DUPLICATE OF:		T3SD1				
SEMIVOLATILES (µg/kg)						
HEXACHLOROBUTADIENE	1700 U	1700 U	1900 U	1600 U		
HEXACHLOROCYCLOPENTADIENE	1700 UJ	1700 UJ	1900 UJ	1600 UJ		
HEXACHLOROETHANE	1700 U	1700 U	1900 U	1600 U		
INDENO(1,2,3-CD)PYRENE	410 J	460 J	500 J	550 J		
ISOPHORONE	1700 U	1700 U	1900 U	1600 U		
N-NITROSO-DI-N-PROPYLAMINE	1700 U	1700 U	1900 U	1600 U		
N-NITROSODIPHENYLAMINE	1700 U	1700 U	1900 U	1600 U		
NAPHTHALENE	1700 U	1700 U	1900 U	1600 U		
NITROBENZENE	1700 U	1700 U	1900 U	1600 U		
PENTACHLOROPHENOL	4100 U	4100 U	4600 U	3800 U		
PHENANTHRENE	380 J	390 J	480 J	540 J		
PHENOL	1700 U	1700 U	1900 U	1600 U		
PYRENE	1100 J	820 J	930 J	940 J		
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	6.3 J	170 U	190 U	160 U		
4,4'-DDE	170 U	170 U	190 U	7.2 J		
4,4'-DDT	64 J	11 J	190 U	160 U		
ALDRIN	10 J	87 U	97 U	81 U		
ALPHA-BHC	87 U	87 U	97 U	81 U		
ALPHA-CHLORDANE	87 U	87 U	97 U	81 U		
AROCLOR-1016	1700 U	1700 U	1900 U	1600 U		
AROCLOR-1221	3400 U	3400 U	3800 U	3200 U		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SD1	T3SD1-D	T4SD1	T5SD1		
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'		
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1		
SAMPLE DATE:	11/09/93	11/09/93	11/09/93	11/09/93	/ /	/ /
LOCATION:	T3SD1	T3SD1	T4SD1	T5SD1		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:			EXCAVATED			
FIELD DUPLICATE OF:		T3SD1				
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1232	1700 U	1700 U	1900 U	1600 U		
AROCLOR-1242	1700 U	1700 U	1900 U	1600 U		
AROCLOR-1248	1700 U	1700 U	1900 U	1600 U		
AROCLOR-1254	1700 U	1700 U	1900 U	1600 U		
AROCLOR-1260	1700 U	1700 U	1900 U	1600 U		
BETA-BHC	87 U	87 U	97 U	81 U		
DELTA-BHC	87 U	87 U	97 U	81 U		
DIELDRIN	170 U	170 U	190 U	160 U		
ENDOSULFAN I	87 U	87 U	97 U	81 U		
ENDOSULFAN II	170 U	170 U	190 U	160 U		
ENDOSULFAN SULFATE	170 U	170 U	190 U	160 U		
ENDRIN	40 J	170 U	190 U	160 U		
ENDRIN ALDEHYDE	170 U	170 U	190 U	160 U		
ENDRIN KETONE	170 U	170 U	190 U	160 U		
GAMMA-BHC (LINDANE)	87 U	87 U	97 U	81 U		
GAMMA-CHLORDANE	87 U	87 U	97 U	81 U		
HEPTACHLOR	4.5 J	87 U	5.6 J	5.5 J		
HEPTACHLOR EPOXIDE	87 U	87 U	97 U	81 U		
METHOXYCHLOR	870 U	870 U	970 U	810 U		
TOXAPHENE	8700 U	8700 U	9700 U	8100 U		
METALS (mg/kg)						
ALUMINUM	15900	17000	14600	14000		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SD1	T3SD1-D	T4SD1	T5SD1		
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'		
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1		
SAMPLE DATE:	11/09/93	11/09/93	11/09/93	11/09/93	/ /	/ /
LOCATION:	T3SD1	T3SD1	T4SD1	T5SD1		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:			EXCAVATED			
FIELD DUPLICATE OF:		T3SD1				
METALS (mg/kg)						
ANTIMONY	39.6 J	42.7 J	37.6 J	31.8 J		
ARSENIC	6.4 J	7.1 J	11.1 J	10.7 J		
BARIUM	60.4	65.6	63.9	52.5		
BERYLLIUM	0.57	0.73	0.5	0.53		
BORON	97.8 U	111 U	120 U	122 U		
CADMIUM	0.5 UJ	0.5 UJ	0.45 UJ	0.48 UJ		
CALCIUM	9150 J	8100 J	5880 J	5140 J		
CHROMIUM	64.3 J	67.6 J	58.6 J	91.5 J		
COBALT	7.6	8.1	7.2	6		
COPPER	81.5	86.3	66.1	91.7		
IRON	26000	27600	23300	23000		
LEAD	91.2	98.5	79.3	117		
MAGNESIUM	8400	8720	7540	6960		
MANGANESE	285 J	304 J	245 J	236 J		
MERCURY	0.49 J	0.56 J	0.35 J	0.66 J		
NICKEL	31.1	33.4	27.8	25.5		
POTASSIUM	4460	4640	3910	3500		
SELENIUM	0.72 U	0.6 U	0.74 U	0.87 U		
SILVER	2.3 U	2.4 U	1.4 U	1.9 U		
SODIUM	16400	16200	12700	13400		
THALLIUM	0.76 UJ	0.75 UJ	0.68 UJ	3.6 UJ		
VANADIUM	42.3	45	39.3	40.8		

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - GOSS COVE
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	T3SD1	T3SD1-D	T4SD1	T5SD1		
DEPTH (feet):	0 - 0.5'	0 - 0.5'	0 - 0.5'	0 - 0.5'		
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1		
SAMPLE DATE:	11/09/93	11/09/93	11/09/93	11/09/93	/ /	/ /
LOCATION:	T3SD1	T3SD1	T4SD1	T5SD1		
VALIDATED:	VALIDATED	VALIDATED	VALIDATED	VALIDATED		
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB		
STATUS:			EXCAVATED			
FIELD DUPLICATE OF:		T3SD1				
METALS (mg/kg)						
ZINC	133 J	142 J	121 J	153 J		
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	15000		12000	15000		

APPENDIX H.4.1.11

DOWNSTREAM

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9029	MG-9028	MG-9027	MG-9026	MG-9024	C
DEPTH (feet):	0 - 3.8'	0 - 4.4'	0 - 4.4'	0 - 5.5'	0 - 5.5'	0 - 3'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE
SAMPLE DATE:	03/08/90	03/08/90	03/08/90	03/08/90	03/08/90	01/01/94
LOCATION:	15	16	17	18	19	C
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
ACENAPHTHENE						64 U
ACENAPHTHYLENE						91 U
ANTHRACENE						6.3
BENZO(A)ANTHRACENE	20 U	20 U	20 U	20 U	20 U	8.5
BENZO(A)PYRENE	20 U	20 U	20 U	20 U	20 U	14
BENZO(B)FLUORANTHENE						23
BENZO(E)PYRENE						23
BENZO(G,H,I)PERYLENE						24 U
BENZO(K)FLUORANTHENE						5.1
BIPHENYL						22 U
CHRYSENE	20 U	86	20 U	20 U	74	11 U
DIBENZO(A,H)ANTHRACENE						12 U
FLUORANTHENE	20 U	20 U	20 U	20 U	20 U	18
FLUORENE						5.8 U
INDENO(1,2,3-CD)PYRENE						5.3 U
NAPHTHALENE						38 U
PHENANTHRENE	20 U	20 U	20 U	20 U	20 U	9.1 U
PYRENE	20 U	20 U	20 U	20 U	20 U	16 U
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	20 U	20 U	20 U	20 U	20 U	7.3 U
4,4'-DDE	20 U	20 U	20 U	20 U	20 U	7.3 U
4,4'-DDT	20 U	20 U	20 U	20 U	20 U	7.3 U

0001

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9029	MG-9028	MG-9027	MG-9026	MG-9024	C
DEPTH (feet):	0 - 3.8'	0 - 4.4'	0 - 4.4'	0 - 5.5'	0 - 5.5'	0 - 3'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE
SAMPLE DATE:	03/08/90	03/08/90	03/08/90	03/08/90	03/08/90	01/01/94
LOCATION:	15	16	17	18	19	C
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
ALDRIN	20 U	20 U	20 U	20 U	20 U	3.8 U
ALPHA-BHC	20 U	20 U	20 U	20 U	20 U	3.8 U
AROCLOR-1016	10 U	10 U	10 U	10 U	10 U	73 U
AROCLOR-1221	10 U	10 U	10 U	10 U	10 U	150 U
AROCLOR-1232	10 U	10 U	10 U	10 U	10 U	73 U
AROCLOR-1242	10 U	10 U	10 U	10 U	10 U	73 U
AROCLOR-1248	10 U	10 U	10 U	10 U	10 U	73 U
AROCLOR-1254	10 U	10 U	10 U	10 U	10 U	73 U
AROCLOR-1260	10 U	10 U	10 U	10 U	10 U	73 U
BETA-BHC	20 U	20 U	20 U	20 U	20 U	3.8 U
CHLORDANE	20 U	20 U	20 U	20 U	20 U	38 U
DELTA-BHC	20 U	20 U	20 U	20 U	20 U	3.8 U
DIELDRIN	20 U	20 U	20 U	20 U	20 U	7.3 U
ENDOSULFAN I	20 U	20 U	20 U	20 U	20 U	3.8 U
ENDOSULFAN II	20 U	20 U	20 U	20 U	20 U	7.3 U
ENDOSULFAN SULFATE	20 U	20 U	20 U	20 U	20 U	7.3 U
ENDRIN	20 U	20 U	20 U	20 U	20 U	7.3 U
ENDRIN ALDEHYDE	20 U	20 U	20 U	20 U	20 U	7.3 U
GAMMA-BHC (LINDANE)	20 U	20 U	20 U	20 U	20 U	3.8 U
HEPTACHLOR	20 U	20 U	20 U	20 U	20 U	3.8 U
HEPTACHLOR EPOXIDE	20 U	20 U	20 U	20 U	20 U	3.8 U
METHOXYCHLOR	20 U	20 U	20 U	20 U	20 U	38 U

20000

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	MG-9029	MG-9028	MG-9027	MG-9026	MG-9024	C
DEPTH (feet):	0 - 3.8'	0 - 4.4'	0 - 4.4'	0 - 5.5'	0 - 5.5'	0 - 3'
INVESTIGATION:	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	SEAWOLF	TR_DREDGE
SAMPLE DATE:	03/08/90	03/08/90	03/08/90	03/08/90	03/08/90	01/01/94
LOCATION:	15	16	17	18	19	C
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED	EXCAVATED
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
TOXAPHENE	20 U	20 U	20 U	20 U	20 U	380 U
METALS (mg/kg)						
ARSENIC	4.32	6.79	5.43	7.91	5.65	3.9
CADMIUM	0.951	0.772	0.735	0.905	1.01	0.2
CHROMIUM	27.5	26.8	20.7	25.2	25.9	40.8
COPPER	18.8	18.3	10.4	15.2	14.8	27.5
LEAD	28	21.1	20.4	24.7	26.6	26
MERCURY	0.02 U	0.08	0.02	0.04	0.03	0.1
NICKEL	13.8	16	10.2	13	15.2	15.9
ZINC	67.9	46.3	38.7	55	44.9	84.2
MISCELLANEOUS PARAMETERS (mg/kg)						
TOTAL ORGANIC CARBON	19161	16944	16220	26595	16118	54000

0003

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	D	E	EC-SDTR07-02	T2SD1	T2SD2	
DEPTH (feet):	0 - 3'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1	PH2-1	
SAMPLE DATE:	01/01/94	01/01/94	05/03/95	11/12/93	11/12/93	/ /
LOCATION:	D	E	EC-SDTR07	T2SD1	T2SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE			19 U			
1,1,2,2-TETRACHLOROETHANE			19 U			
1,1,2-TRICHLOROETHANE			19 U			
1,1-DICHLOROETHANE			19 U			
1,1-DICHLOROETHENE			19 U			
1,2-DICHLOROETHANE			19 U			
1,2-DICHLOROETHENE (TOTAL)			19 U			
1,2-DICHLOROPROPANE			19 U			
2-BUTANONE			20 J			
2-HEXANONE			19 U			
4-METHYL-2-PENTANONE			19 U			
ACETONE			91			
BENZENE			19 U			
BROMODICHLOROMETHANE			19 U			
BROMOFORM			19 U			
BROMOMETHANE			19 U			
CARBON DISULFIDE			19 U			
CARBON TETRACHLORIDE			19 U			
CHLOROBENZENE			19 U			
CHLOROETHANE			19 U			
CHLOROFORM			19 U			
CHLOROMETHANE			19 U			

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	D	E	EC-SDTR07-02	T2SD1	T2SD2	
DEPTH (feet):	0 - 3'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1	PH2-1	
SAMPLE DATE:	01/01/94	01/01/94	05/03/95	11/12/93	11/12/93	/ /
LOCATION:	D	E	EC-SDTR07	T2SD1	T2SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE			19 U			
DIBROMOCHLOROMETHANE			19 U			
ETHYLBENZENE			19 U			
METHYLENE CHLORIDE			19 U			
STYRENE			19 U			
TETRACHLOROETHENE			19 U			
TOLUENE			19 U			
TRANS-1,3-DICHLOROPROPENE			19 U			
TRICHLOROETHENE			19 U			
VINYL ACETATE			19 U			
VINYL CHLORIDE			19 U			
XYLENES, TOTAL			19 U			
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE			620 U	1600 U	1400 U	
1,2-DICHLOROBENZENE			620 U	1600 U	1400 U	
1,3-DICHLOROBENZENE			620 U	1600 U	1400 U	
1,4-DICHLOROBENZENE			620 U	1600 U	1400 U	
2,4,5-TRICHLOROPHENOL			1500 U	3800 U	3300 U	
2,4,6-TRICHLOROPHENOL			620 U	1600 U	1400 U	
2,4-DICHLOROPHENOL			620 U	1600 U	1400 U	
2,4-DIMETHYLPHENOL			620 U	1600 U	1400 U	
2,4-DINITROPHENOL			1500 U	3800 U	3300 UJ	

50005

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	D	E	EC-SDTR07-02	T2SD1	T2SD2	
DEPTH (feet):	0 - 3'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1	PH2-1	
SAMPLE DATE:	01/01/94	01/01/94	05/03/95	11/12/93	11/12/93	/ /
LOCATION:	D	E	EC-SDTR07	T2SD1	T2SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE			620 U	1600 U	1400 U	
2,6-DINITROTOLUENE			620 U	1600 U	1400 U	
2-CHLORONAPHTHALENE			620 U	1600 U	1400 U	
2-CHLOROPHENOL			620 U	1600 U	1400 U	
2-METHYLNAPHTHALENE			620 U	1600 U	1400 U	
2-METHYLPHENOL			620 U	1600 U	1400 U	
2-NITROANILINE			1500 U	3800 U	3300 U	
2-NITROPHENOL			620 U	1600 U	1400 U	
3,3'-DICHLOROBENZIDINE			620 U	1600 U	1400 U	
3-NITROANILINE			1500 U	3800 U	3300 U	
4,6-DINITRO-2-METHYLPHENOL			1500 U	3800 U	3300 U	
4-BROMOPHENYL PHENYL ETHER			620 U	1600 U	1400 U	
4-CHLORO-3-METHYLPHENOL			620 U	1600 U	1400 U	
4-CHLOROANILINE			620 U	1600 U	1400 U	
4-CHLOROPHENYL PHENYL ETHER			620 U	1600 U	1400 U	
4-METHYLPHENOL			620 U	1600 U	1400 U	
4-NITROANILINE			1500 U	3800 U	3300 U	
4-NITROPHENOL			1500 U	3800 U	3300 U	
ACENAPHTHENE	63 U	61 U	620 U	1600 U	1400 U	
ACENAPHTHYLENE	89 U	86 U	620 U	170 J	100 J	
ANTHRACENE	6.8	8.8	620 U	150 J	190 J	
BENZO(A)ANTHRACENE	13	20	110 J	480 J	470 J	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	D	E	EC-SDTR07-02	T2SD1	T2SD2	
DEPTH (feet):	0 - 3'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1	PH2-1	
SAMPLE DATE:	01/01/94	01/01/94	05/03/95	11/12/93	11/12/93	/ /
LOCATION:	D	E	EC-SDTR07	T2SD1	T2SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	19	30	130 J	780 J	1400 U	
BENZO(B)FLUORANTHENE	42	47	100 J	340 J	1400 U	
BENZO(E)PYRENE	35	48				
BENZO(G,H,I)PERYLENE	24 U	23 U	82 J	610 J	1400 U	
BENZO(K)FLUORANTHENE	8.6	11	120 J	980 J	1400 U	
BENZOIC ACID			3200 U	3800 U	3300 U	
BENZYL ALCOHOL			620 U	1600 U	1400 UJ	
BIPHENYL	22 U	21 U				
BIS(2-CHLOROETHOXY)METHANE			620 U	1600 U	1400 U	
BIS(2-CHLOROETHYL)ETHER			620 U	1600 U	1400 U	
BIS(2-CHLOROISOPROPYL) ETHER			620 U	1600 U	1400 U	
BIS(2-ETHYLHEXYL)PHTHALATE			620 U	1600 U	1400 U	
BUTYLBENZYL PHTHALATE			620 U	1600 U	1400 U	
CARBAZOLE			620 U	1600 U	76 J	
CHRYSENE	15	23	120 J	460 J	660 J	
DI-N-BUTYL PHTHALATE			620 U	1600 U	1400 U	
DI-N-OCTYL PHTHALATE			620 U	1600 U	1400 UJ	
DIBENZO(A,H)ANTHRACENE	12 U	12 U	47 J	350 J	1400 U	
DIBENZOFURAN			620 U	1600 U	1400 U	
DIETHYL PHTHALATE			620 U	1600 U	1400 U	
DIMETHYL PHTHALATE			620 U	1600 U	1400 U	
FLUORANTHENE	24	36	200 J	580 J	1100 J	

000007

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	D	E	EC-SDTR07-02	T2SD1	T2SD2	
DEPTH (feet):	0 - 3'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1	PH2-1	
SAMPLE DATE:	01/01/94	01/01/94	05/03/95	11/12/93	11/12/93	/ /
LOCATION:	D	E	EC-SDTR07	T2SD1	T2SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
FLUORENE	5.6	5.4 U	620 U	1600 U	1400 U	
HEXACHLOROBENZENE			620 U	1600 U	1400 U	
HEXACHLOROBUTADIENE			620 U	1600 U	1400 U	
HEXACHLOROCYCLOPENTADIENE			620 U	1600 U	1400 UJ	
HEXACHLOROETHANE			620 U	1600 U	1400 U	
INDENO(1,2,3-CD)PYRENE	5.2 U	12	94 J	640 J	1400 U	
ISOPHORONE			620 U	1600 U	1400 U	
N-NITROSO-DI-N-PROPYLAMINE			620 U	1600 U	1400 U	
N-NITROSODIPHENYLAMINE			620 U	1600 U	1400 U	
NAPHTHALENE	37 U	36 U	620 U	1600 U	1400 U	
NITROBENZENE			620 U	1600 U	1400 U	
PENTACHLOROPHENOL			1500 U	3800 U	3300 U	
PHENANTHRENE	10	15	73 J	400 J	550 J	
PHENOL			620 U	1600 U	1400 U	
PYRENE	23	52	180 J	1000 J	1100 J	
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	7.2 U	6.9 U	62 U	11 J	12 J	
4,4'-DDE	7.2 U	6.9 U	62 U	6.5 J	5.9 J	
4,4'-DDT	7.2 U	6.9 U	62 U	160 U	140 U	
ALDRIN	3.7 U	3.5 U	32 U	81 U	71 U	
ALPHA-BHC	3.7 U	3.5 U	32 U	81 U	71 U	
ALPHA-CHLORDANE			32 U	81 U	71 U	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	D	E	EC-SDTR07-02	T2SD1	T2SD2	
DEPTH (feet):	0 - 3'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1	PH2-1	
SAMPLE DATE:	01/01/94	01/01/94	05/03/95	11/12/93	11/12/93	/ /
LOCATION:	D	E	EC-SDTR07	T2SD1	T2SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1016	72 U	69 U	620 U	1600 U	1400 U	
AROCLOR-1221	160 U	140 U	1300 U	3200 U	2800 U	
AROCLOR-1232	72 U	69 U	620 U	1600 U	1400 U	
AROCLOR-1242	72 U	69 U	620 U	1600 U	1400 U	
AROCLOR-1248	72 U	69 U	620 U	1600 U	1400 U	
AROCLOR-1254	72 U	69 U	620 U	1600 U	1400 U	
AROCLOR-1260	72 U	69 U	620 U	1600 U	1400 U	
BETA-BHC	3.7 U	3.5 U	32 U	81 U	71 U	
CHLORDANE	37 U	35 U				
DELTA-BHC	3.7 U	3.5 U	32 U	81 U	71 U	
DIELDRIN	7.2 U	6.9 U	62 U	5 J	140 U	
ENDOSULFAN I	3.7 U	3.5 U	32 U	81 U	71 U	
ENDOSULFAN II	7.2 U	6.9 U	62 U	160 U	140 U	
ENDOSULFAN SULFATE	7.2 U	6.9 U	62 U	160 U	140 U	
ENDRIN	7.2 U	6.9 U	62 U	160 U	140 U	
ENDRIN ALDEHYDE	7.2 U	6.9 U	62 U	7.6 J	8.7 J	
ENDRIN KETONE			62 U	160 U	140 U	
GAMMA-BHC (LINDANE)	3.7 U	3.5 U	32 U	81 U	71 U	
GAMMA-CHLORDANE			32 U	81 U	71 U	
HEPTACHLOR	3.7 U	3.5 U	32 U	9.8 J	10 J	
HEPTACHLOR EPOXIDE	3.7 U	3.5 U	32 U	81 U	71 U	
METHOXYCHLOR	37 U	35 U	320 U	810 U	710 U	

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SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	D	E	EC-SDTR07-02	T2SD1	T2SD2	
DEPTH (feet):	0 - 3'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1	PH2-1	
SAMPLE DATE:	01/01/94	01/01/94	05/03/95	11/12/93	11/12/93	/ /
LOCATION:	D	E	EC-SDTR07	T2SD1	T2SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
TOXAPHENE	370 U	350 U	3200 U	8100 U	7100 U	
METALS (mg/kg)						
ALUMINUM			9810	13800	13300	
ANTIMONY			1.6 J	39	36.1 J	
ARSENIC	6.3	9.3	7.4	11.2	10.4 J	
BARIUM			37.8	73	57.9	
BERYLLIUM			0.64	1.3	0.72	
BORON			35.4	129	96.8 U	
CADMIUM	0.2	0.2	0.45 U	0.51	0.47 UJ	
CALCIUM			9620	4910	4600 J	
CHROMIUM	38.2	55	38.3	81.6	64.2 J	
COBALT			6.1	8.5	7.2	
COPPER	18.5	23.2	34.7	151	77.5	
IRON			20300	25400	22600	
LEAD	20.6	24	35.7	186	120	
MAGNESIUM			6690	6850	7160	
MANGANESE			230	256 J	249 J	
MERCURY	0.1	0.1	0.23 UR	0.44 J	0.38 J	
NICKEL	18	24.5	21.3	31.1	34	
POTASSIUM			3930	3600	3590	
SELENIUM			2.3 UJ	0.51	0.64 U	
SILVER			0.91 U	1.2	1.7 U	

SUMMARY OF SEDIMENT ANALYTICAL RESULTS FOR THAMES RIVER - DOWNSTREAM
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	D	E	EC-SDTR07-02	T2SD1	T2SD2	
DEPTH (feet):	0 - 3'	0 - 3'	0 - 0.5'	0 - 0.5'	0 - 0.5'	
INVESTIGATION:	TR_DREDGE	TR_DREDGE	ECO-2	PH2-1	PH2-1	
SAMPLE DATE:	01/01/94	01/01/94	05/03/95	11/12/93	11/12/93	/ /
LOCATION:	D	E	EC-SDTR07	T2SD1	T2SD2	
VALIDATED:			VALIDATED	VALIDATED	VALIDATED	
SAMPLE TYPE:	GRAB	GRAB	GRAB	GRAB	GRAB	
STATUS:	EXCAVATED	EXCAVATED	EXCAVATED			
FIELD DUPLICATE OF:						
METALS (mg/kg)						
SODIUM			12700	12100	13900	
THALLIUM			1.4 UJ	0.76	0.71 UJ	
VANADIUM			31.7	36.5	37.7	
ZINC	64.3	87	87.9	297	163 J	
AVS/SIMULTANEOUSLY EXTRACTED METALS (mg/kg)						
ANTIMONY(SEM)			1.4 U			
CADMIUM(SEM)			0.16			
CHROMIUM(SEM)			3.8			
COPPER(SEM)			8.5			
LEAD(SEM)			21			
MERCURY(SEM)			0.0056 U			
NICKEL(SEM)			2.8			
ZINC(SEM)			35			
MISCELLANEOUS PARAMETERS (mg/kg)						
ACID VOLATILE SULFIDE			130			
TOTAL ORGANIC CARBON	93000	8000	956	13000	12000	

APPENDIX H.4.2

STORM SEWERS

H.4.2.1 ZONE 5
H.4.2.2 ZONE 7

APPENDIX H.4.2.1

ZONE 5

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19SD1	19SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	19SD1	19SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	13 U	13 U				
1,1,2,2-TETRACHLOROETHANE	13 U	13 U				
1,1,2-TRICHLOROETHANE	13 U	13 U				
1,1-DICHLOROETHANE	13 U	13 U				
1,1-DICHLOROETHENE	13 U	13 U				
1,2-DICHLOROETHANE	13 U	13 U				
1,2-DICHLOROETHENE (TOTAL)	13 U	13 U				
1,2-DICHLOROPROPANE	13 U	13 U				
2-BUTANONE	13 U	13 U				
2-HEXANONE	13 U	13 U				
4-METHYL-2-PENTANONE	13 U	13 U				
ACETONE	220	58				
BENZENE	13 U	13 U				
BROMODICHLOROMETHANE	13 U	13 U				
BROMOFORM	13 U	13 U				
BROMOMETHANE	13 U	13 U				
CARBON DISULFIDE	13 U	13 U				
CARBON TETRACHLORIDE	13 U	13 U				
CHLOROBENZENE	13 U	13 U				
CHLOROETHANE	13 U	13 U				
CHLOROFORM	13 U	13 U				
CHLOROMETHANE	13 U	13 U				

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19SD1	19SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	19SD1	19SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	13 U	13 U				
DIBROMOCHLOROMETHANE	13 U	13 U				
ETHYLBENZENE	13 U	13 U				
METHYLENE CHLORIDE	9 JB	12 JB				
STYRENE	13 U	13 U				
TETRACHLOROETHENE	13 U	13 U				
TOLUENE	4 J	13 U				
TRANS-1,3-DICHLOROPROPENE	13 U	13 U				
TRICHLOROETHENE	13 U	13 U				
VINYL CHLORIDE	13 U	13 U				
XYLENES, TOTAL	13 U	13 U				
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	14000 U	870 U				
1,2-DICHLOROBENZENE	14000 U	870 U				
1,3-DICHLOROBENZENE	14000 U	870 U				
1,4-DICHLOROBENZENE	14000 U	870 U				
2,2'-OXYBIS(1-CHLOROPROPANE)	14000 U	870 U				
2,4,5-TRICHLOROPHENOL	34000 U	2100 U				
2,4,6-TRICHLOROPHENOL	14000 U	870 U				
2,4-DICHLOROPHENOL	14000 U	870 U				
2,4-DIMETHYLPHENOL	14000 U	870 U				
2,4-DINITROPHENOL	34000 U	2100 U				

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19SD1	19SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	19SD1	19SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	14000 U	870 U				
2,6-DINITROTOLUENE	14000 U	870 U				
2-CHLORONAPHTHALENE	14000 U	870 U				
2-CHLOROPHENOL	14000 U	870 U				
2-METHYLNAPHTHALENE	14000 U	870 U				
2-METHYLPHENOL	14000 U	870 U				
2-NITROANILINE	34000 U	2100 U				
2-NITROPHENOL	14000 U	870 U				
3,3'-DICHLOROBENZIDINE	14000 U	870 U				
3-NITROANILINE	34000 U	2100 U				
4,6-DINITRO-2-METHYLPHENOL	34000 U	2100 U				
4-BROMOPHENYL PHENYL ETHER	14000 U	870 U				
4-CHLORO-3-METHYLPHENOL	14000 U	870 U				
4-CHLOROANILINE	14000 U	870 U				
4-CHLOROPHENYL PHENYL ETHER	14000 U	870 U				
4-METHYLPHENOL	14000 U	870 U				
4-NITROANILINE	34000 U	2100 U				
4-NITROPHENOL	34000 U	2100 U				
ACENAPHTHENE	7300 J	870 U				
ACENAPHTHYLENE	14000 U	870 U				
ANTHRACENE	9500 J	870 U				
BENZO(A)ANTHRACENE	17000	870 U				

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19SD1	19SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	19SD1	19SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	18000	870 U				
BENZO(B)FLUORANTHENE	26000	530 J				
BENZO(G,H,I)PERYLENE	10000 J	870 U				
BENZO(K)FLUORANTHENE	14000 U	870 U				
BIS(2-CHLOROETHOXY)METHANE	14000 U	870 U				
BIS(2-CHLOROETHYL)ETHER	14000 U	870 U				
BIS(2-ETHYLHEXYL)PHTHALATE	14000 U	2100				
BUTYLBENZYL PHTHALATE	14000 U	870 U				
CARBAZOLE	8100 J	870 U				
CHRYSENE	19000	870 U				
DI-N-BUTYL PHTHALATE	14000 U	870 U				
DI-N-OCTYL PHTHALATE	14000 U	870 U				
DIBENZO(A,H)ANTHRACENE	14000 U	870 U				
DIBENZOFURAN	14000 U	870 U				
DIETHYL PHTHALATE	14000 U	870 U				
DIMETHYL PHTHALATE	14000 U	870 U				
FLUORANTHENE	44000	630 J				
FLUORENE	8000 J	870 U				
HEXACHLOROBENZENE	14000 U	870 U				
HEXACHLOROBUTADIENE	14000 U	870 U				
HEXACHLOROCYCLOPENTADIENE	14000 U	870 U				
HEXACHLOROETHANE	14000 U	870 U				

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SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19SD1	19SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	19SD1	19SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	9900 J	870 U				
ISOPHORONE	14000 U	870 U				
N-NITROSO-DI-N-PROPYLAMINE	14000 U	870 U				
N-NITROSODIPHENYLAMINE	14000 U	870 U				
NAPHTHALENE	8600 J	870 U				
NITROBENZENE	14000 U	870 U				
PENTACHLOROPHENOL	34000 U	2100 U				
PHENANTHRENE	40000	510 J				
PHENOL	14000 U	870 U				
PYRENE	31000	680 J				
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	44 U	44 U				
4,4'-DDE	44 U	44 U				
4,4'-DDT	44 U	44 U				
ALDRIN	23 U	23 U				
ALPHA-BHC	23 U	23 U				
ALPHA-CHLORDANE	23 U	23 U				
AROCLOR-1016	440 U	440 U				
AROCLOR-1221	890 U	900 U				
AROCLOR-1232	440 U	440 U				
AROCLOR-1242	440 U	440 U				
AROCLOR-1248	440 U	440 U				

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19SD1	19SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	19SD1	19SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	440 U	440 U				
AROCLOR-1260	440 U	440 U				
BETA-BHC	23 U	23 U				
DELTA-BHC	23 U	23 U				
DIELDRIN	44 U	44 U				
ENDOSULFAN I	23 U	23 U				
ENDOSULFAN II	44 U	44 U				
ENDOSULFAN SULFATE	44 U	44 U				
ENDRIN	44 U	44 U				
ENDRIN ALDEHYDE	44 U	44 U				
ENDRIN KETONE	44 U	44 U				
GAMMA-BHC (LINDANE)	23 U	23 U				
GAMMA-CHLORDANE	23 U	23 U				
HEPTACHLOR	23 U	23 U				
HEPTACHLOR EPOXIDE	23 U	23 U				
METHOXYCHLOR	230 U	230 U				
TOXAPHENE	2300 U	2300 U				
METALS (mg/kg)						
ALUMINUM	2740	2610				
ANTIMONY	9270 N	3.3 UN				
ARSENIC	3 N	2.1 BN				
BARIUM	28.8 B	22.5 B				

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19SD1	19SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	19SD1	19SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
BERYLLIUM	0.18 B	0.23 B				
BORON	2.1 U	2.4 U				
CADMIUM	12.4 N	0.48 UN				
CALCIUM	915 B	1930				
CHROMIUM	20.8	25.1				
COBALT	4.2 B	2.7 B				
COPPER	74	342				
CYANIDE	0.55 B	1.1				
IRON	8570	6330				
LEAD	85600	185				
MAGNESIUM	1720	1120 B				
MANGANESE	72.8	69.9				
MERCURY	0.05 U	0.11 B				
NICKEL	8.9 B	11				
POTASSIUM	1110 B	560 B				
SELENIUM	0.19 UN	0.2 UNW				
SILVER	14.4 N	0.78 UN				
SODIUM	134 BE	622 BE				
THALLIUM	0.14 BN	0.15 UN				
VANADIUM	13.1	8.7 B				
ZINC	107	168				
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 5
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	19SD1	19SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	19SD1	19SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	3300	1800				

APPENDIX H.4.2.2

ZONE 7

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20SD1	20SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	20SD1	20SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
1,1,1-TRICHLOROETHANE	13 U	13 U				
1,1,2,2-TETRACHLOROETHANE	13 U	13 U				
1,1,2-TRICHLOROETHANE	13 U	13 U				
1,1-DICHLOROETHANE	13 U	13 U				
1,1-DICHLOROETHENE	13 U	13 U				
1,2-DICHLOROETHANE	13 U	13 U				
1,2-DICHLOROETHENE (TOTAL)	13 U	13 U				
1,2-DICHLOROPROPANE	13 U	13 U				
2-BUTANONE	13 U	13 U				
2-HEXANONE	13 U	13 U				
4-METHYL-2-PENTANONE	13 U	6 J				
ACETONE	86	120				
BENZENE	13 U	13 U				
BROMODICHLOROMETHANE	13 U	13 U				
BROMOFORM	13 U	13 U				
BROMOMETHANE	13 U	13 U				
CARBON DISULFIDE	10 J	13 U				
CARBON TETRACHLORIDE	13 U	13 U				
CHLOROBENZENE	13 U	13 U				
CHLOROETHANE	13 U	13 U				
CHLOROFORM	13 U	13 U				
CHLOROMETHANE	13 U	13 U				

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20SD1	20SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	20SD1	20SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
VOLATILES (µg/kg)						
CIS-1,3-DICHLOROPROPENE	13 U	13 U				
DIBROMOCHLOROMETHANE	13 U	13 U				
ETHYLBENZENE	13 U	13 U				
METHYLENE CHLORIDE	11 JB	15 B				
STYRENE	13 U	13 U				
TETRACHLOROETHENE	13 U	13 U				
TOLUENE	13 U	13 U				
TRANS-1,3-DICHLOROPROPENE	13 U	13 U				
TRICHLOROETHENE	13 U	13 U				
VINYL CHLORIDE	13 U	13 U				
XYLENES, TOTAL	13 U	13 U				
SEMIVOLATILES (µg/kg)						
1,2,4-TRICHLOROBENZENE	850 U	440 U				
1,2-DICHLOROBENZENE	850 U	440 U				
1,3-DICHLOROBENZENE	850 U	440 U				
1,4-DICHLOROBENZENE	850 U	440 U				
2,2'-OXYBIS(1-CHLOROPROPANE)	850 U	440 U				
2,4,5-TRICHLOROPHENOL	2100 U	1100 U				
2,4,6-TRICHLOROPHENOL	850 U	440 U				
2,4-DICHLOROPHENOL	850 U	440 U				
2,4-DIMETHYLPHENOL	850 U	440 U				
2,4-DINITROPHENOL	2100 U	1100 U				

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SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20SD1	20SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	20SD1	20SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
2,4-DINITROTOLUENE	850 U	440 U				
2,6-DINITROTOLUENE	850 U	440 U				
2-CHLORONAPHTHALENE	850 U	440 U				
2-CHLOROPHENOL	850 U	440 U				
2-METHYLNAPHTHALENE	850 U	440 U				
2-METHYLPHENOL	850 U	440 U				
2-NITROANILINE	2100 U	1100 U				
2-NITROPHENOL	850 U	440 U				
3,3'-DICHLOROBENZIDINE	850 U	440 U				
3-NITROANILINE	2100 U	1100 U				
4,6-DINITRO-2-METHYLPHENOL	2100 U	1100 U				
4-BROMOPHENYL PHENYL ETHER	850 U	440 U				
4-CHLORO-3-METHYLPHENOL	850 U	440 U				
4-CHLOROANILINE	850 U	440 U				
4-CHLOROPHENYL PHENYL ETHER	850 U	440 U				
4-METHYLPHENOL	850 U	440 U				
4-NITROANILINE	2100 U	1100 U				
4-NITROPHENOL	2100 U	1100 U				
ACENAPHTHENE	850 U	440 U				
ACENAPHTHYLENE	850 U	440 U				
ANTHRACENE	850 U	260 J				
BENZO(A)ANTHRACENE	850 U	530				

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20SD1	20SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	20SD1	20SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
BENZO(A)PYRENE	850 U	550				
BENZO(B)FLUORANTHENE	440 J	1000				
BENZO(G,H,I)PERYLENE	850 U	310 J				
BENZO(K)FLUORANTHENE	850 U	440 U				
BIS(2-CHLOROETHOXY)METHANE	850 U	440 U				
BIS(2-CHLOROETHYL)ETHER	850 U	440 U				
BIS(2-ETHYLHEXYL)PHTHALATE	2300	2400				
BUTYLBENZYL PHTHALATE	470 J	520				
CARBAZOLE	850 U	440 U				
CHRYSENE	850 U	620				
DI-N-BUTYL PHTHALATE	850 U	440 U				
DI-N-OCTYL PHTHALATE	850 U	440 U				
DIBENZO(A,H)ANTHRACENE	850 U	440 U				
DIBENZOFURAN	850 U	440 U				
DIETHYL PHTHALATE	850 U	440 U				
DIMETHYL PHTHALATE	850 U	440 U				
FLUORANTHENE	520 J	1200				
FLUORENE	850 U	440 U				
HEXACHLOROBENZENE	850 U	440 U				
HEXACHLOROBUTADIENE	850 U	440 U				
HEXACHLOROCYCLOPENTADIENE	850 U	440 U				
HEXACHLOROETHANE	850 U	440 U				

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20SD1	20SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	20SD1	20SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
SEMIVOLATILES (µg/kg)						
INDENO(1,2,3-CD)PYRENE	850 U	320 J				
ISOPHORONE	850 U	440 U				
N-NITROSO-DI-N-PROPYLAMINE	850 U	440 U				
N-NITROSODIPHENYLAMINE	850 U	440 U				
NAPHTHALENE	850 U	440 U				
NITROBENZENE	850 U	440 U				
PENTACHLOROPHENOL	2100 U	1100 U				
PHENANTHRENE	850 U	1100				
PHENOL	850 U	440 U				
PYRENE	580 J	1200				
PESTICIDES/PCBs (µg/kg)						
4,4'-DDD	43 U	45 U				
4,4'-DDE	43 U	45 U				
4,4'-DDT	43 U	45 U				
ALDRIN	22 U	23 U				
ALPHA-BHC	22 U	23 U				
ALPHA-CHLORDANE	22 U	23 U				
AROCLOR-1016	430 U	450 U				
AROCLOR-1221	870 U	910 U				
AROCLOR-1232	430 U	450 U				
AROCLOR-1242	430 U	450 U				
AROCLOR-1248	430 U	450 U				

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20SD1	20SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	20SD1	20SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
PESTICIDES/PCBs (µg/kg)						
AROCLOR-1254	430 U	450 U				
AROCLOR-1260	430 U	450 U				
BETA-BHC	22 U	23 U				
DELTA-BHC	22 U	23 U				
DIELDRIN	43 U	45 U				
ENDOSULFAN I	22 U	23 U				
ENDOSULFAN II	43 U	45 U				
ENDOSULFAN SULFATE	43 U	45 U				
ENDRIN	43 U	45 U				
ENDRIN ALDEHYDE	43 U	45 U				
ENDRIN KETONE	43 U	45 U				
GAMMA-BHC (LINDANE)	22 U	23 U				
GAMMA-CHLORDANE	22 U	23 U				
HEPTACHLOR	22 U	23 U				
HEPTACHLOR EPOXIDE	22 U	23 U				
METHOXYCHLOR	220 U	230 U				
TOXAPHENE	2200 U	2300 U				
METALS (mg/kg)						
ALUMINUM	1930	3380				
ANTIMONY	2.4 UN	2 UN				
ARSENIC	1.4 BN	1.2 BN				
BARIUM	24.9 B	20.7 B				

90000

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20SD1	20SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	20SD1	20SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
METALS (mg/kg)						
BERYLLIUM	0.15 B	0.2 B				
BORON	1.7 U	1.8 B				
CADMIUM	0.35 UN	0.46 BN				
CALCIUM	1790	1910				
CHROMIUM	12.5	14.1				
COBALT	2.1 B	3.8 B				
COPPER	51.6	107				
CYANIDE	0.39 B	1.1				
IRON	6560	8880				
LEAD	47.5	102				
MAGNESIUM	1380	3040				
MANGANESE	97.8	111				
MERCURY	0.04 U	0.08 B				
NICKEL	21.5	14.4				
POTASSIUM	512 B	895				
SELENIUM	0.17 UN	0.2 UN				
SILVER	0.57 UN	1.2 BN				
SODIUM	495 BE	359 BE				
THALLIUM	0.18 BN	0.15 UN				
VANADIUM	7 B	10.7				
ZINC	101	87.3				
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						

00007

SUMMARY OF STORM SEWER SEDIMENT ANALYTICAL RESULTS FOR ZONE 7
LOWER SUBASE; NSB-NLON; GROTON, CONNECTICUT

SAMPLE NUMBER:	20SD1	20SD2				
DEPTH (feet):						
INVESTIGATION:	AESSI95	AESSI95				
SAMPLE DATE:	04/07/93	04/07/93	/ /	/ /	/ /	/ /
LOCATION:	20SD1	20SD2				
VALIDATED:						
SAMPLE TYPE:	GRAB	GRAB				
STATUS:						
FIELD DUPLICATE OF:						
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
TPH	1300	1100				

APPENDIX H.5

BIOLOGICAL DATABASE

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
LOCATION:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
SAMPLE DATE:	12/18/93	12/18/93	12/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:							
TISSUE TYPE:	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	CLAM
SEMIVOLATILES (µg/kg)							
1,2,4-TRICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-DICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-DICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-DICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-TRICHLOROPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
2,4,6-TRICHLOROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-DICHLOROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-DIMETHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-DINITROPHENOL	800 U	800 U	800 U	800 UJ	800 UJ	800 UJ	800 UJ
2,4-DINITROTOLUENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-DINITROTOLUENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-CHLORONAPHTHALENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-CHLOROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-METHYLNAPHTHALENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-METHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-NITROANILINE	800 U	800 U	800 U	800 U	800 U	800 U	800 U
2-NITROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3'-DICHLOROBENZIDINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3-NITROANILINE	800 U	800 U	800 U	800 U	800 U	800 U	800 U
4,6-DINITRO-2-METHYLPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
4-BROMOPHENYL PHENYL ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-CHLORO-3-METHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-CHLOROANILINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-CHLOROPHENYL PHENYL ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-METHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-NITROANILINE	800 U	800 U	800 U	800 U	800 U	800 U	800 U
4-NITROPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
ACENAPHTHENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
LOCATION:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
SAMPLE DATE:	12/18/93	12/18/93	12/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:							
TISSUE TYPE:	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	CLAM
SEMIVOLATILES (µg/kg)							
ACENAPHTHYLENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
ANTHRACENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(A)ANTHRACENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(A)PYRENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(B)FLUORANTHENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(G,H,I)PERYLENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(K)FLUORANTHENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZOIC ACID	1600 U	1600 U	1600 U	1300 U	800 U	800 U	800 U
BENZYL ALCOHOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-CHLOROETHOXY)METHANE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-CHLOROETHYL)ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-CHLOROISOPROPYL) ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	330 U	330 U	130 J	330 U	120 J	330 U
BUTYL BENZYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
CARBAZOLE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
CHRYSENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DI-N-BUTYL PHTHALATE	330 U	330 U	23 U	330 U	330 U	330 U	330 U
DI-N-OCTYL PHTHALATE	330 U	35 J	30 J	18 J	330 U	330 U	330 U
DIBENZO(A,H)ANTHRACENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DIBENZOFURAN	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DIETHYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DIMETHYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
FLUORANTHENE	330 U	32 J	330 U	330 U	330 U	330 U	330 U
FLUORENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROBUTADIENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROCYCLOPENTADIENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROETHANE	330 U	330 U	330 U	330 U	330 U	330 U	330 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
LOCATION:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
SAMPLE DATE:	12/18/93	12/18/93	12/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:							
TISSUE TYPE:	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	CLAM
SEMIVOLATILES (µg/kg)							
INDENO(1,2,3-CD)PYRENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
ISOPHORONE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-NITROSO-DI-N-PROPYLAMINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-NITROSODIPHENYLAMINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
NAPHTHALENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
NITROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PENTACHLOROPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
PHENANTHRENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PYRENE	330 U	28 J	330 U	330 U	330 U	330 U	330 U
PESTICIDES/PCBs (µg/kg)							
4,4'-DDD	33 U	33 U	33 U	33 U	33 U	5 J	33 U
4,4'-DDE	7.1 J	16 J	11 J	33 U	33 U	33 U	33 U
4,4'-DDT	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ALDRIN	2.4 J	17 U	17 U	17 U	17 U	17 U	17 U
ALPHA-BHC	17 U	17 U	17 U	17 U	17 U	17 U	17 U
ALPHA-CHLORDANE	17 U	17 U	17 U	17 U	17 U	17 U	17 U
AROCLOR-1016	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1221	670 U	670 U	670 U	670 U	670 U	670 U	670 U
AROCLOR-1232	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1242	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1248	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1254	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1260	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BETA-BHC	17 U	17 U	17 U	17 U	17 U	17 U	17 U
DELTA-BHC	17 U	17 U	17 U	17 U	17 U	17 U	17 U
DIELDRIN	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDOSULFAN I	17 U	17 U	17 U	17 U	17 U	17 U	17 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
LOCATION:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
SAMPLE DATE:	12/18/93	12/18/93	12/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:							
TISSUE TYPE:	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	CLAM
PESTICIDES/PCBs (µg/kg)							
ENDOSULFAN II	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDOSULFAN SULFATE	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDRIN	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDRIN ALDEHYDE	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDRIN KETONE	33 U	33 U	33 U	33 U	33 U	33 U	33 U
GAMMA-BHC (LINDANE)	17 U	17 U	17 U	17 U	17 U	17 U	17 U
GAMMA-CHLORDANE	13 J	17 U	3.2 J	17 U	17 U	3.5 J	2.1 J
HEPTACHLOR	2.5 J	3.1 J	3.1 J	2.1 J	2 J	4.5 J	2.1 J
HEPTACHLOR EPOXIDE	17 U	17 U	17 U	17 U	17 U	17 U	17 U
METHOXYCHLOR	170 U	170 U	170 U	170 U	170 U	170 U	170 U
TOXAPHENE	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
METALS (mg/kg)							
ALUMINUM	14.0	111	61.2	82.6	100	50.0	12.1 U
ANTIMONY	3.6 U	3.6 U	3.6 U	0.9 U	0.9 U	0.9 U	0.9 U
ARSENIC	1.4	1.1	2.5	2.2 J	2.0 J	2.4 J	4.1 J
BARIUM	1.2	1.2 U	1.2 U	0.84	1.4	0.63	0.72
BERYLLIUM	0.2 U	0.2 U	0.2 U	0.05 U	0.05 U	0.05 U	0.05 U
BORON	10.0 U	70.9	77.5	5.4 U	4.5 U	4.0 U	3.4 U
CADMIUM	0.4 UJ	0.4 UJ	0.94 J	0.45	0.45	0.41	0.14
CALCIUM	447	774	474	445	378	448	1470
CHROMIUM	0.6 U	0.6 U	0.6 U	1.1	1.5	1.0	0.98
COBALT	1.0 U	1.0 U	1.0 U	0.25 U	0.25 U	0.25 U	0.25 U
COPPER	1.8	1.8	2.4	4.0 J	3.3 J	3.4 J	7.5 J
IRON	127	137	67.1	207 J	186 J	106 J	36.3 J
LEAD	1.5	0.78	0.86	0.1 U	2.0 J	1.6 U	0.35 U
MAGNESIUM	698	735	843	850	766	771	790
MANGANESE	1.5	3.0	1.8	6.4	6.0	3.8	8.1
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
LOCATION:	MU-4	MU-5	MU-6	MU1	MU2	MU3	BVC1
SAMPLE DATE:	12/18/93	12/18/93	12/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:							
TISSUE TYPE:	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	BLUE MUSSEL	CLAM
METALS (mg/kg)							
NICKEL	2.2 U	2.2 U	2.2 U	0.75	1.3	0.95	1.1
POTASSIUM	777	1050	819	1630	1560	1490	2020
SELENIUM	0.53 U	0.74 U	0.92 U	1.1	0.83	0.96	0.27
SILVER	0.4 U	0.4 U	0.4 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
SODIUM	5360	5560	6310	5820 J	4760 J	5310 J	4740 J
THALLIUM	0.6 UJ	0.6 UJ	0.6 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ
VANADIUM	0.6 U	0.6 U	0.6 U	0.45	0.45	0.26	0.15 U
ZINC	15.8	15.7	33.1	45.7 J	45.1 J	47.6 J	19.8 J

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	BVC2	BVC3	BV01	BV02	BV03	BV03-D	BV04
LOCATION:	BVC2	BVC3	BV01	BV02	BV03	BV03	BV04
SAMPLE DATE:	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:						BV03	
TISSUE TYPE:	CLAM	CLAM	OYSTER	OYSTER	OYSTER	OYSTER	OYSTER
SEMIVOLATILES (µg/kg)							
1,2,4-TRICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-DICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-DICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-DICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-TRICHLOROPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
2,4,6-TRICHLOROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-DICHLOROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-DIMETHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-DINITROPHENOL	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ
2,4-DINITROTOLUENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-DINITROTOLUENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-CHLORONAPHTHALENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-CHLOROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-METHYLNAPHTHALENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-METHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-NITROANILINE	800 U	800 U	800 U	800 U	800 U	800 U	800 U
2-NITROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3'-DICHLOROBENZIDINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3-NITROANILINE	800 U	800 U	800 U	800 U	800 U	800 U	800 U
4,6-DINITRO-2-METHYLPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
4-BROMOPHENYL PHENYL ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-CHLORO-3-METHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-CHLOROANILINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-CHLOROPHENYL PHENYL ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-METHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-NITROANILINE	800 U	800 U	800 U	800 U	800 U	800 U	800 U
4-NITROPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
ACENAPHTHENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	BVC2	BVC3	BV01	BV02	BV03	BV03-D	BV04
LOCATION:	BVC2	BVC3	BV01	BV02	BV03	BV03	BV04
SAMPLE DATE:	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:						BV03	
TISSUE TYPE:	CLAM	CLAM	OYSTER	OYSTER	OYSTER	OYSTER	OYSTER
SEMIVOLATILES (µg/kg)							
ACENAPHTHYLENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
ANTHRACENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(A)ANTHRACENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(A)PYRENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(B)FLUORANTHENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(G,H,I)PERYLENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(K)FLUORANTHENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZOIC ACID	5400	1600 U	800 U	800 U	800 U	800 U	800 U
BENZYL ALCOHOL	570	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-CHLOROETHOXY)METHANE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-CHLOROETHYL)ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-CHLOROISOPROPYL) ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE	82 J	59 J	89 J	98 J	330 U	330 U	160 J
BUTYL BENZYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
CARBAZOLE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
CHRYSENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DI-N-BUTYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DI-N-OCTYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DIBENZO(A,H)ANTHRACENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DIBENZOFURAN	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DIETHYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DIMETHYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
FLUORANTHENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
FLUORENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROBUTADIENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROCYCLOPENTADIENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROETHANE	330 U	330 U	330 U	330 U	330 U	330 U	330 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	BVC2	BVC3	BV01	BV02	BV03	BV03-D	BV04
LOCATION:	BVC2	BVC3	BV01	BV02	BV03	BV03	BV04
SAMPLE DATE:	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:						BV03	
TISSUE TYPE:	CLAM	CLAM	OYSTER	OYSTER	OYSTER	OYSTER	OYSTER
SEMIVOLATILES (µg/kg)							
INDENO(1,2,3-CD)PYRENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
ISOPHORONE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-NITROSO-DI-N-PROPYLAMINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-NITROSODIPHENYLAMINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
NAPHTHALENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
NITROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PENTACHLOROPHENOL	800 U	800 U	800 UJ	800 U	800 U	800 U	800 U
PHENANTHRENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PYRENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PESTICIDES/PCBs (µg/kg)							
4,4'-DDD	33 U	33 U	33 U	33 U	33 U	33 U	33 U
4,4'-DDE	33 U	33 U	33 U	33 U	33 U	33 U	33 U
4,4'-DDT	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ALDRIN	17 U	17 U	17 U	17 U	17 U	17 U	17 U
ALPHA-BHC	17 U	17 U	17 U	17 U	17 U	17 U	17 U
ALPHA-CHLORDANE	17 U	17 U	17 U	17 U	17 U	17 U	17 U
AROCLOR-1016	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1221	670 U	670 U	670 U	670 U	670 U	670 U	670 U
AROCLOR-1232	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1242	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1248	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1254	330 U	330 U	330 U	330 U	330 U	330 U	330 U
AROCLOR-1260	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BETA-BHC	17 U	17 U	17 U	17 U	17 U	17 U	17 U
DELTA-BHC	17 U	17 U	17 U	17 U	17 U	17 U	17 U
DIELDRIN	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDOSULFAN I	17 U	17 U	17 U	17 U	17 U	17 U	17 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	BVC2	BVC3	BV01	BV02	BV03	BV03-D	BV04
LOCATION:	BVC2	BVC3	BV01	BV02	BV03	BV03	BV04
SAMPLE DATE:	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:						BV03	
TISSUE TYPE:	CLAM	CLAM	OYSTER	OYSTER	OYSTER	OYSTER	OYSTER
PESTICIDES/PCBs (µg/kg)							
ENDOSULFAN II	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDOSULFAN SULFATE	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDRIN	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDRIN ALDEHYDE	33 U	33 U	33 U	33 U	33 U	33 U	33 U
ENDRIN KETONE	33 U	33 U	33 U	33 U	33 U	33 U	33 U
GAMMA-BHC (LINDANE)	17 U	17 U	17 U	17 U	17 U	17 U	17 U
GAMMA-CHLORDANE	17 U	17 U	17 U	17 U	17 U	17 U	17 U
HEPTACHLOR	17 U	2 J	2.16 J	2.3 J	2.1 J	2 J	3.1 J
HEPTACHLOR EPOXIDE	17 U	17 U	17 U	17 U	17 U	17 U	17 U
METHOXYCHLOR	170 U	170 U	170 U	170 U	170 U	170 U	170 U
TOXAPHENE	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
METALS (mg/kg)							
ALUMINUM	25.3 U	18.7 U	37.9	37.2	40.6	21.1 U	33.6
ANTIMONY	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
ARSENIC	6.7 J	5.3 J	0.95 J	1.2 J	1.5 J	0.9 J	1.2 J
BARIUM	0.5	0.86	1.2	1.3	1.5	0.84	0.83
BERYLLIUM	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
BORON	2.7 U	2.9 U	3.7 U	3.4 U	3.9 U	4.5 U	3.3 U
CADMIUM	0.59	0.11	0.61	0.86	0.9	0.71	0.92
CALCIUM	885	2580	1400	2720	3470	2830	981
CHROMIUM	4.1	1.4	1.3	1.4	1.5	1.1	1.0
COBALT	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
COPPER	6.6 J	2.9 J	99.2 J	253 J	169 J	62.9 J	139 J
IRON	48.0 J	40.2 J	79.1 J	75.0 J	75.7 J	48.3 J	64.3 J
LEAD	0.85 U	0.39 U	0.16 U	0.16 U	0.1 U	0.14 U	0.1 U
MAGNESIUM	726	757	646	548	549	776	578
MANGANESE	15.1	5.1	3.0	2.3	3.8	2.6	3.2
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	BVC2	BVC3	BV01	BV02	BV03	BV03-D	BV04
LOCATION:	BVC2	BVC3	BV01	BV02	BV03	BV03	BV04
SAMPLE DATE:	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93	11/18/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:						BV03	
TISSUE TYPE:	CLAM	CLAM	OYSTER	OYSTER	OYSTER	OYSTER	OYSTER
METALS (mg/kg)							
NICKEL	1.7	1.4	0.84	0.6	1.1	0.82	0.67
POTASSIUM	1990	1960	2070	2330	2480	1760	1800
SELENIUM	0.95	0.36	0.32	0.33	0.42	0.4	0.38
SILVER	1.1 J	0.1 UJ	2.2 J	1.9 J	1.3 J	0.79 J	2.5 J
SODIUM	4390 J	4420 J	3920 J	2920 J	2720 J	5020 J	3470 J
THALLIUM	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 UJ
VANADIUM	0.58	0.22	0.16	0.2	0.15 U	0.15 U	0.15 U
ZINC	34.6 J	18.1 J	1760 J	2960 J	2080 J	1210 J	1830 J

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU1	CMU1-R	CMU2	CMU2-R	CMU3	CMU4	CMU4-R
LOCATION:	CMU1	CMU1	CMU2	CMU2	CMU3	CMU4	CMU4
SAMPLE DATE:	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:		CMU1		CMU2			CMU4
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL
VOLATILES (µg/kg)							
1,1,1-TRICHLOROETHANE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
1,1,2,2-TETRACHLOROETHANE	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
1,1-DICHLOROETHANE	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
1,2-DICHLOROETHENE (TOTAL)	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	10 UJ	10 U	30	26	10 U	10 U	10 U
2-HEXANONE	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR
4-METHYL-2-PENTANONE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
ACETONE	160 U	10 UR	480 U	10 UR	98	170	140
BENZENE	6 J	2 J	12 J	4 J	4 J	6 J	10
BROMODICHLOROMETHANE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
BROMOFORM	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
BROMOMETHANE	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	120 J	14 J	280 J	32 J	27	32 J	60 J
CARBON TETRACHLORIDE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
CHLOROBENZENE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
CHLOROETHANE	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROMETHANE	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
CIS-1,3-DICHLOROPROPENE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
DIBROMOCHLOROMETHANE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
ETHYLBENZENE	10 UJ	1 J	8 J	2 J	2 J	10 UJ	3 J
METHYLENE CHLORIDE	28 J	12 J	20	18	4 J	34 J	18 J
STYRENE	10 UJ	10 U	1 J	10 U	10 U	10 UJ	10 U
TETRACHLOROETHENE	10 UJ	10 U	2 J	10 U	10 U	10 UJ	10 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU1	CMU1-R	CMU2	CMU2-R	CMU3	CMU4	CMU4-R
LOCATION:	CMU1	CMU1	CMU2	CMU2	CMU3	CMU4	CMU4
SAMPLE DATE:	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:		CMU1		CMU2			CMU4
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL
VOLATILES (µg/kg)							
TOLUENE	12 J	4 J	24 J	6 J	9 J	10	12
TRANS-1,3-DICHLOROPROPENE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
TRICHLOROETHENE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
VINYL ACETATE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U
VINYL CHLORIDE	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
XYLENES, TOTAL	10 J	7 J	40 J	11	13	8 J	15
SEMIVOLATILES (µg/kg)							
1,2,4-TRICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-DICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-DICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-DICHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-TRICHLOROPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
2,4,6-TRICHLOROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-DICHLOROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-DIMETHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-DINITROPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
2,4-DINITROTOLUENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-DINITROTOLUENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-CHLORONAPHTHALENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-CHLOROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-METHYLNAPHTHALENE	330 U	330 U	330 U	330 U	20 J	330 U	330 U
2-METHYLPHENOL	330 U	330 U	330 U	330 U	44 J	330 U	330 U
2-NITROANILINE	800 U	800 U	800 U	800 U	800 U	800 U	800 U
2-NITROPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3'-DICHLOROBENZIDINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3-NITROANILINE	800 U	800 U	800 U	800 U	800 U	800 U	800 U
4,6-DINITRO-2-METHYLPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
4-BROMOPHENYL PHENYL ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU1	CMU1-R	CMU2	CMU2-R	CMU3	CMU4	CMU4-R
LOCATION:	CMU1	CMU1	CMU2	CMU2	CMU3	CMU4	CMU4
SAMPLE DATE:	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:		CMU1		CMU2			CMU4
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL
SEMIVOLATILES (µg/kg)							
4-CHLORO-3-METHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-CHLOROANILINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-CHLOROPHENYL PHENYL ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-METHYLPHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-NITROANILINE	800 U	800 U	800 U	800 U	800 U	800 U	800 U
4-NITROPHENOL	800 U	800 U	800 U	800 U	800 U	800 U	800 U
ACENAPHTHENE	330 U	330 U	330 U	330 U	20 J	330 U	330 U
ACENAPHTHYLENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
ANTHRACENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(A)ANTHRACENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(A)PYRENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(B)FLUORANTHENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(G,H,I)PERYLENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZO(K)FLUORANTHENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BENZOIC ACID	110 J	100 J	140 J	38 J	870	76 J	89 J
BENZYL ALCOHOL	330 U	330 U	330 U	330 U	70 J	330 U	330 U
BIS(2-CHLOROETHOXY)METHANE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-CHLOROETHYL)ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-CHLOROISOPROPYL) ETHER	330 U	330 U	330 U	330 U	330 U	330 U	330 U
BIS(2-ETHYLHEXYL)PHTHALATE	330 U	330 U	330 U	330 U	74 J	330 U	330 U
BUTYL BENZYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
CARBAZOLE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
CHRYSENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DI-N-BUTYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DI-N-OCTYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DIBENZO(A,H)ANTHRACENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
DIBENZOFURAN	330 U	330 U	330 U	330 U	20 J	330 U	330 U
DIETHYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU1	CMU1-R	CMU2	CMU2-R	CMU3	CMU4	CMU4-R
LOCATION:	CMU1	CMU1	CMU2	CMU2	CMU3	CMU4	CMU4
SAMPLE DATE:	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:		CMU1		CMU2			CMU4
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL
SEMIVOLATILES (µg/kg)							
DIMETHYL PHTHALATE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
FLUORANTHENE	330 U	330 U	330 U	330 U	120 J	16 J	330 U
FLUORENE	330 U	330 U	330 U	330 U	20 J	330 U	330 U
HEXACHLOROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROBUTADIENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROCYCLOPENTADIENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
HEXACHLOROETHANE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
INDENO(1,2,3-CD)PYRENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
ISOPHORONE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-NITROSO-DI-N-PROPYLAMINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-NITROSODIPHENYLAMINE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
NAPHTHALENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
NITROBENZENE	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PENTACHLOROPHENOL	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ
PHENANTHRENE	330 U	330 U	330 U	330 U	92 J	330 U	330 U
PHENOL	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PYRENE	330 U	330 U	24 J	330 U	130 J	17 J	330 U
PESTICIDES/PCBs (µg/kg)							
4,4'-DDD	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ
4,4'-DDE	3.3 UJ	3.3 UJ	6.5 J	3.3 UJ	6.1 J	3.3 UJ	4.7 J
4,4'-DDT	3.3 UJ	3.3 UJ	3.3 UR	3.3 UJ	3.3 UR	3.3 UJ	3.3 UR
ALDRIN	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	4.3 J
ALPHA-BHC	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.8 J	1.7 UJ	1.7 UJ
ALPHA-CHLORDANE	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ
AROCLOR-1016	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ
AROCLOR-1221	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ
AROCLOR-1232	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ
AROCLOR-1242	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU1	CMU1-R	CMU2	CMU2-R	CMU3	CMU4	CMU4-R
LOCATION:	CMU1	CMU1	CMU2	CMU2	CMU3	CMU4	CMU4
SAMPLE DATE:	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:		CMU1		CMU2			CMU4
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL
PESTICIDES/PCBs (µg/kg)							
AROCLOR-1248	67 UJ	67 UJ	67 UJ	67 UJ	67 UJ	67 UJ	67 UJ
AROCLOR-1254	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ
AROCLOR-1260	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ
BETA-BHC	1.7 UJ	1.7 UJ	3.4 J	3 J	3.6 J	3 J	1.8 J
DELTA-BHC	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ
DIELDRIN	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ
ENDOSULFAN I	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ
ENDOSULFAN II	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ
ENDOSULFAN SULFATE	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ
ENDRIN	3.3 UJ	3.3 UJ	3.3 UR	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ
ENDRIN ALDEHYDE	3.3 UJ	3.3 UJ	3.5 J	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ
ENDRIN KETONE	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ
GAMMA-BHC (LINDANE)	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	2.2 J
GAMMA-CHLORDANE	1.7 UJ	1.7 UJ	1.7 J	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ
HEPTACHLOR	1.7 UJ	1.7 J	1.9 J	2 J	2.1 J	1.9 J	1.7 UJ
HEPTACHLOR EPOXIDE	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ
METHOXYCHLOR	17 UJ	17 UJ	17 UJ	17 UJ	17 UJ	17 UJ	17 UJ
TOXAPHENE	170 UJ	170 UJ	170 UJ	170 UJ	170 UJ	170 UJ	170 UJ
METALS (mg/kg)							
ALUMINUM	14.0	10.6	16.5	3.2 J	5.6	8.1	24.9
ANTIMONY	0.9 UJ	0.9 UJ	0.9 UJ	0.9 UJ	0.9 UJ	0.9 UJ	0.9 UJ
ARSENIC	1.0 J	1.0 J	0.8 J	0.83 J	0.61 J	0.69 J	0.63 J
BARIUM	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.35 U
BERYLLIUM	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
BORON	4.1 J	4.4 J	5.1	5.8	3.0 J	3.4 J	4.2 J
CADMIUM	0.18 U	0.11 U	0.1 U	0.13 U	0.1 U	0.14 U	0.1 U
CALCIUM	253	307	237	413	132	237	262
CHROMIUM	0.67	0.41	0.59	0.54	0.6	0.37	0.68

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU1	CMU1-R	CMU2	CMU2-R	CMU3	CMU4	CMU4-R
LOCATION:	CMU1	CMU1	CMU2	CMU2	CMU3	CMU4	CMU4
SAMPLE DATE:	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93	12/03/93
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1	PH2-1
FIELD DUPLICATE OF:		CMU1		CMU2			CMU4
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL
METALS (mg/kg)							
COBALT	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
COPPER	3.0	3.6	2.4	2.5	2.2	2.1	1.5
IRON	46.0	50.9	29.7	13.4	38.6	48.2	66.7
LEAD	0.12 J	0.13 J	0.06 J	0.05 UJ	0.09 J	0.08 J	0.15 J
MAGNESIUM	542	603	548	501	289	464	481
MANGANESE	1.6	1.3	0.94	0.89	0.88	0.84	1.6
MERCURY	0.1 U	0.1 U	0.1 U	1.6	0.1 U	0.1 U	0.1 U
NICKEL	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
POTASSIUM	694	924	745	706	519	635	620
SELENIUM	0.28 J	0.37 J	0.28 J	0.28 J	0.17 J	0.22 J	0.25 J
SILVER	1.2 J	1.8 J	0.69 J	1.4 J	0.44 J	0.56 J	0.2 J
SODIUM	3930	4380	4200	3610	2020	3010	3170
THALLIUM	0.75 UJ	0.75 UJ	0.75 UJ	0.75 UJ	0.75 UJ	0.75 UJ	0.75 UJ
VANADIUM	0.16 U	0.2 U	0.21 U	0.15 U	0.15 U	0.22 U	0.15 U
ZINC	8.9	12.0	6.7	7.9	4.6	6.7	7.1

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU5	CMU5-R	MU-C	MU-CD			
LOCATION:	CMU5	CMU5	MU-C	MU-C			
SAMPLE DATE:	12/03/93	12/03/93	12/06/93	12/06/93	/ /	/ /	/ /
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1			
FIELD DUPLICATE OF:		CMU5		MU-C			
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL			
VOLATILES (µg/kg)							
1,1,1-TRICHLOROETHANE	10 U	10 UJ	10 U	12 U			
1,1,2,2-TETRACHLOROETHANE	10 U	10 UJ	10 U	12 U			
1,1,2-TRICHLOROETHANE	10 U	10 UJ	10 U	12 U			
1,1-DICHLOROETHANE	10 U	10 UJ	10 U	12 U			
1,1-DICHLOROETHENE	10 U	10 UJ	10 U	12 U			
1,2-DICHLOROETHANE	10 U	10 UJ	10 U	12 U			
1,2-DICHLOROETHENE (TOTAL)	10 U	10 UJ	10 U	12 U			
1,2-DICHLOROPROPANE	10 U	10 UJ	10 U	12 U			
2-BUTANONE	10 U	10 UJ	10 U	22 J			
2-HEXANONE	10 UR	10 UR	10 UR	12 UR			
4-METHYL-2-PENTANONE	10 U	10 UJ	10 U	12 U			
ACETONE	75	100 U	110 U	470 U			
BENZENE	3 J	4 J	10 U	2 J			
BROMODICHLOROMETHANE	10 U	10 UJ	10 U	12 U			
BROMOFORM	10 U	10 UJ	10 U	12 U			
BROMOMETHANE	10 U	10 UJ	10 U	12 U			
CARBON DISULFIDE	40 J	110 J	35 J	170 J			
CARBON TETRACHLORIDE	10 U	10 UJ	10 U	12 U			
CHLOROBENZENE	10 U	10 UJ	10 U	12 U			
CHLOROETHANE	10 U	10 UJ	10 U	12 U			
CHLOROFORM	10 U	10 UJ	10 U	12 U			
CHLOROMETHANE	10 U	10 UJ	10 U	12 U			
CIS-1,3-DICHLOROPROPENE	10 U	10 UJ	10 U	12 U			
DIBROMOCHLOROMETHANE	10 U	10 UJ	10 U	12 U			
ETHYLBENZENE	1 J	10 UJ	10 U	4 J			
METHYLENE CHLORIDE	5 J	15 J	61	64			
STYRENE	10 U	10 UJ	10 U	12 U			
TETRACHLOROETHENE	10 U	10 UJ	10 U	12 U			

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU5	CMU5-R	MU-C	MU-CD			
LOCATION:	CMU5	CMU5	MU-C	MU-C			
SAMPLE DATE:	12/03/93	12/03/93	12/06/93	12/06/93	/ /	/ /	/ /
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1			
FIELD DUPLICATE OF:		CMU5		MU-C			
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL			
VOLATILES (µg/kg)							
TOLUENE	4 J	3 J	5 J	12 J			
TRANS-1,3-DICHLOROPROPENE	10 U	10 U	10 U	12 U			
TRICHLOROETHENE	10 U	10 UJ	10 U	12 U			
VINYL ACETATE	10 U	10 UJ	10 U	12 U			
VINYL CHLORIDE	10 U	10 UJ	10 U	12 U			
XYLENES, TOTAL	6 J	4 J	6 J	21 J			
SEMIVOLATILES (µg/kg)							
1,2,4-TRICHLOROBENZENE	330 U	330 U	330 U	330 U			
1,2-DICHLOROBENZENE	330 U	330 U	330 U	330 U			
1,3-DICHLOROBENZENE	330 U	330 U	330 U	330 U			
1,4-DICHLOROBENZENE	330 U	330 U	330 U	330 U			
2,4,5-TRICHLOROPHENOL	800 U	800 U	800 U	800 U			
2,4,6-TRICHLOROPHENOL	330 U	330 U	330 U	330 U			
2,4-DICHLOROPHENOL	330 U	330 U	330 U	330 U			
2,4-DIMETHYLPHENOL	330 U	330 U	330 U	330 U			
2,4-DINITROPHENOL	800 U	800 U	800 U	800 U			
2,4-DINITROTOLUENE	330 U	330 U	330 U	330 U			
2,6-DINITROTOLUENE	330 U	330 U	330 U	330 U			
2-CHLORONAPHTHALENE	330 U	330 U	330 U	330 U			
2-CHLOROPHENOL	330 U	330 U	330 U	330 U			
2-METHYLNAPHTHALENE	330 U	330 U	330 U	23 J			
2-METHYLPHENOL	330 U	330 U	330 U	330 U			
2-NITROANILINE	800 U	800 U	800 U	800 U			
2-NITROPHENOL	330 U	330 U	330 U	330 U			
3,3'-DICHLOROBENZIDINE	330 U	330 U	330 U	330 U			
3-NITROANILINE	800 U	800 U	800 U	800 U			
4,6-DINITRO-2-METHYLPHENOL	800 U	800 U	800 U	800 U			
4-BROMOPHENYL PHENYL ETHER	330 U	330 U	330 U	330 U			

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU5	CMU5-R	MU-C	MU-CD			
LOCATION:	CMU5	CMU5	MU-C	MU-C			
SAMPLE DATE:	12/03/93	12/03/93	12/06/93	12/06/93	/ /	/ /	/ /
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1			
FIELD DUPLICATE OF:		CMU5		MU-C			
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL			
SEMIVOLATILES (µg/kg)							
4-CHLORO-3-METHYLPHENOL	330 U	330 U	330 U	330 U			
4-CHLOROANILINE	330 U	330 U	330 U	330 U			
4-CHLOROPHENYL PHENYL ETHER	330 U	330 U	330 U	330 U			
4-METHYLPHENOL	330 U	330 U	330 U	330 U			
4-NITROANILINE	800 U	800 U	800 U	800 U			
4-NITROPHENOL	800 U	800 U	800 U	800 U			
ACENAPHTHENE	330 U	330 U	330 U	330 U			
ACENAPHTHYLENE	330 U	330 U	330 U	330 U			
ANTHRACENE	330 U	330 U	330 U	330 U			
BENZO(A)ANTHRACENE	330 U	330 U	330 U	330 U			
BENZO(A)PYRENE	330 U	330 U	330 U	330 U			
BENZO(B)FLUORANTHENE	330 U	330 U	330 U	330 U			
BENZO(G,H,I)PERYLENE	330 U	330 U	330 U	330 U			
BENZO(K)FLUORANTHENE	330 U	330 U	330 U	330 U			
BENZOIC ACID	71 J	100 J	330 U	29 J			
BENZYL ALCOHOL	330 U	330 U	330 U	330 U			
BIS(2-CHLOROETHOXY)METHANE	330 U	330 U	330 U	330 U			
BIS(2-CHLOROETHYL)ETHER	330 U	330 U	330 U	330 U			
BIS(2-CHLOROISOPROPYL) ETHER	330 U	330 U	330 U	330 U			
BIS(2-ETHYLHEXYL)PHTHALATE	39 J	53 J	62 J	57 J			
BUTYL BENZYL PHTHALATE	330 U	330 U	330 U	330 U			
CARBAZOLE	330 U	330 U	330 U	330 U			
CHRYSENE	330 U	330 U	330 U	330 U			
DI-N-BUTYL PHTHALATE	330 U	330 U	330 U	330 U			
DI-N-OCTYL PHTHALATE	330 U	330 U	330 U	330 U			
DIBENZO(A,H)ANTHRACENE	330 U	330 U	330 U	330 U			
DIBENZOFURAN	330 U	330 U	330 U	330 U			
DIETHYL PHTHALATE	330 U	330 U	330 U	330 U			

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU5	CMU5-R	MU-C	MU-CD			
LOCATION:	CMU5	CMU5	MU-C	MU-C			
SAMPLE DATE:	12/03/93	12/03/93	12/06/93	12/06/93	/ /	/ /	/ /
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1			
FIELD DUPLICATE OF:		CMU5		MU-C			
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL			
SEMIVOLATILES (µg/kg)							
DIMETHYL PHTHALATE	330 U	330 U	330 U	330 U			
FLUORANTHENE	330 U	330 U	330 U	10 J			
FLUORENE	330 U	330 U	330 U	330 U			
HEXACHLOROBENZENE	330 U	330 U	330 U	330 U			
HEXACHLOROBUTADIENE	330 U	330 U	330 U	330 U			
HEXACHLOROCYCLOPENTADIENE	330 U	330 U	330 U	330 U			
HEXACHLOROETHANE	330 U	330 U	330 U	330 U			
INDENO(1,2,3-CD)PYRENE	330 U	330 U	330 U	330 U			
ISOPHORONE	330 U	330 U	330 U	330 U			
N-NITROSO-DI-N-PROPYLAMINE	330 U	330 U	330 U	330 U			
N-NITROSODIPHENYLAMINE	330 U	330 U	330 U	330 U			
NAPHTHALENE	330 U	330 U	31 J	50 J			
NITROBENZENE	330 U	330 U	330 U	330 U			
PENTACHLOROPHENOL	800 UJ	800 UJ	800 UJ	800 UJ			
PHENANTHRENE	330 U	330 U	330 U	330 U			
PHENOL	330 U	330 U	330 U	330 U			
PYRENE	330 U	330 U	330 U	20 J			
PESTICIDES/PCBs (µg/kg)							
4,4'-DDD	3.3 UJ	3.3 UJ	3.3 UJ	3.3 J			
4,4'-DDE	3.3 UJ	3.3 UJ	6.8 J	7 J			
4,4'-DDT	3.3 UJ	3.3 UJ	3.3 UR	4.9 J			
ALDRIN	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ			
ALPHA-BHC	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ			
ALPHA-CHLORDANE	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ			
AROCLOR-1016	33 UJ	33 UJ	33 UJ	33 UJ			
AROCLOR-1221	33 UJ	33 UJ	67 UJ	67 UJ			
AROCLOR-1232	33 UJ	33 UJ	33 UJ	33 UJ			
AROCLOR-1242	33 UJ	33 UJ	33 UJ	33 UJ			

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU5	CMU5-R	MU-C	MU-CD			
LOCATION:	CMU5	CMU5	MU-C	MU-C			
SAMPLE DATE:	12/03/93	12/03/93	12/06/93	12/06/93	/ /	/ /	/ /
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1			
FIELD DUPLICATE OF:		CMU5		MU-C			
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL			
PESTICIDES/PCBs (µg/kg)							
AROCLOR-1248	67 UJ	67 UJ	33 UJ	33 UJ			
AROCLOR-1254	33 UJ	33 UJ	33 UJ	33 UJ			
AROCLOR-1260	33 UJ	33 UJ	33 UJ	33 UJ			
BETA-BHC	1.7 UJ	2 J	4.5 J	1.7 UJ			
DELTA-BHC	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ			
DIELDRIN	3.3 UJ	3.3 UJ	3.7 J	5 J			
ENDOSULFAN I	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ			
ENDOSULFAN II	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ			
ENDOSULFAN SULFATE	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ			
ENDRIN	3.3 UJ	3.3 UJ	3.3 UR	3.3 UR			
ENDRIN ALDEHYDE	3.3 UJ	3.3 UJ	4.3 J	6 J			
ENDRIN KETONE	3.3 UJ	3.3 UJ	3.3 UJ	3.3 UJ			
GAMMA-BHC (LINDANE)	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ			
GAMMA-CHLORDANE	1.7 UJ	1.7 UJ	1.7 UJ	1.8 J			
HEPTACHLOR	1.7 UJ	1.7 UJ	3.1 J	3 J			
HEPTACHLOR EPOXIDE	1.7 UJ	1.7 UJ	2.7 J	3.3 J			
METHOXYCHLOR	17 UJ	17 UJ	17 UJ	17 UJ			
TOXAPHENE	170 UJ	170 UJ	170 UJ	170 UJ			
METALS (mg/kg)							
ALUMINUM	9.9	10.8	16.3	8.9			
ANTIMONY	0.9 UJ	0.9 UJ	0.9 UJ	0.9 UJ			
ARSENIC	1.0 J	0.66 J	1.9 J	1.4 J			
BARIUM	0.37 U	0.3 U	0.3 U	0.3 U			
BERYLLIUM	0.05 U	0.05 U	0.05 U	0.05 U			
BORON	5.1	2.9 J	4.1 J	4.1 J			
CADMIUM	0.17 U	0.14 U	0.16 U	0.19 U			
CALCIUM	320	288	531	995			
CHROMIUM	0.59	0.38	0.55	0.39			

SUMMARY OF BIOLOGICAL TISSUE ANALYTICAL RESULTS
THAMES RIVER

SAMPLE NUMBER:	CMU5	CMU5-R	MU-C	MU-CD			
LOCATION:	CMU5	CMU5	MU-C	MU-C			
SAMPLE DATE:	12/03/93	12/03/93	12/06/93	12/06/93	/ /	/ /	/ /
INVESTIGATION:	PH2-1	PH2-1	PH2-1	PH2-1			
FIELD DUPLICATE OF:		CMU5		MU-C			
TISSUE TYPE:	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL	RIBBED MUSSEL			
METALS (mg/kg)							
COBALT	0.25 U	0.25 U	0.25 U	0.25 U			
COPPER	2.0	1.8	1.9	2.3			
IRON	44.3	47.0	30.0	24.9			
LEAD	0.1 J	0.11 J	0.05 J	0.05 J			
MAGNESIUM	369	479	553	577			
MANGANESE	1.2	0.88	1.8	1.3			
MERCURY	0.1 U	0.1 U	0.1 U	0.1 U			
NICKEL	0.55 U	0.55 U	0.55 U	0.55 U			
POTASSIUM	581	727	1470	1280			
SELENIUM	0.4 J	0.22 J	0.37 J	0.43 J			
SILVER	0.51 J	0.22 J	0.36 J	0.68 J			
SODIUM	2200	3240	4030	4290			
THALLIUM	0.75 UJ	0.75 UJ	0.75 UJ	0.75 UJ			
VANADIUM	0.15 U	0.16 U	0.31 U	0.15 U			
ZINC	9.2	6.6	9.5	9.1			