PROJECT	SAMPNUMB	LOCATNCODE	MATRIX	XLOCATION
NBAFS	SIS18SB09A	Site 18	SB	4.0
NBAFS	SIS18SB10A	Site 18	SB	4.0
NBAFS	SIS18SB11A	Site 18	SB	4.0
NBAFS	SIS5SS01	Site 5	SS	0.0
NBAFS	FIELD DUPLICATE #1	SITE 7	SB	1.5
NBAFS	FIELD DUPLICATE #2	SITE 7	SB	0.0
NBAFS	FIELD DUPLICATE #3	SITE 7	SB	1.5
NBAFS	NBPAHSB010A	SITE 7	SB	1.5
NBAFS	NBPAHSB011A	SITE 7	SB	1.5
NBAFS	NBPAHSB01A	SITE 7	SB	1.5
NBAFS	NBPAHSB02A	SITE 7	SB	1.5
NBAFS	NBPAHSB03A	SITE 7	SB	1.5
NBAFS	NBPAHSB04A	SITE 7	SB	1.5
NBAFS	NBPAHSB05A	SITE 7	SB	1.5
NBAFS	NBPAHSB06A	SITE 7	SB	1.5
NBAFS	NBPAHSB07A	SITE 7	SB	1.5
NBAFS	NBPAHSB08A	SITE 7	SB	1.5
NBAFS	NBPAHSB09A	SITE 7	SB	1.5
NBAFS	NBPAHSB12A	SITE 7	SB	1.5
NBAFS	NBPAHSB13A	SITE 7	SB	1.5
NBAFS	NBPAHSB14A	SITE 7	SB	1.5
NBAFS	NBPAHSB15A	SITE 7	SB	1.5
NBAFS	NBPAHSS01	SITE 7	SS	0.0
NBAFS	NBPAHSS010	SITE 7	SS	0.0
NBAFS	NBPAHSS011	SITE 7	SS	0.0
NBAFS	NBPAHSS012	SITE 7	SS	0.0
NBAFS	NBPAHSS013	SITE 7	SS	0.0
NBAFS	NBPAHSS014	SITE 7	SS	0.0
NBAFS	NBPAHSS015	SITE 7	SS	0.0
NBAFS	NBPAHSS02	SITE 7	SS	0.0
NBAFS	NBPAHSS03	SITE 7	SS	0.0
NBAFS	NBPAHSS04	SITE 7	SS	0.0
NBAFS	NBPAHSS05	SITE 7	SS	0.0
NBAFS	NBPAHSS06	SITE 7	SS	0.0
NBAFS	NBPAHSS07	SITE 7	SS	0.0
NBAFS	NBPAHSS08	SITE 7	SS	0.0
NBAFS	NBPAHSS09	SITE 7	SS	0.0
NBAFS	FIELD DUPLICATE #4	Site 5	SB	15.0
NBAFS	SIS5SB01A	Site 5	SB	15.0
NBAFS	SIS5SB01B	Site 5	SB	23.0
NBAFS	TRIP BLANK	Site 5	TB	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	RB4-SPOON	Program Wide	GW	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	RB4-SPOON	Program Wide	GW	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	RB4-SPOON	Program Wide	GW	NA
NBAFS	DUP 1	Site 5	GW	71.0
NBAFS	DUP 2	Site 9 and 10	GW	26.4
NBAFS	LF003-MW1	Site 5	GW	22.65

NBAFS	LF003-MW2	Site 5	GW	71.0
NBAFS	SIS08-MW1	SITE 8	GW	81.0
NBAFS	SIS18-MW1	Site 18	GW	51.0
NBAFS	SIS18-MW3	Site 18	GW	51.0
NBAFS	SIS18-MW4	Site 18	GW	21.0
NBAFS	SIS18-MW5	Site 18	GW	20.5
NBAFS	SS008-MW3	Site 9 and 10	GW	26.4
NBAFS	SS008-MW4	Site 9 and 10	GW	82.0
NBAFS	SS009-MW1	Site 9 and 10	GW	5.0
NBAFS	SS009-MW3	Site 9 and 10	GW	56.5
NBAFS	TRIP BLANK	Site 18	TB	NA
NBAFS	DUP 3	Site 18	GW	1.5
NBAFS	PW-1	Site 9 and 10	GW	174.0
NBAFS	PW-2	Site 9 and 10	GW	174.0
NBAFS	PW-3	Site 9 and 10	GW	125.0
NBAFS	RB1-PUMP	Site 18	GW	NA
NBAFS	SIS18-MW2	Site 18	GW	11.5
NBAFS	SIS18-MW2 DUP	Site 18	GW	11.5
NBAFS	SIS18PZ2	Site 18	GW	1.5
NBAFS	SIS18PZ3	Site 18	GW	1.25
NBAFS	SS008-MW1	Site 9 and 10	GW	6.0
NBAFS	SS008-MW2	Site 9 and 10	GW	11.5
NBAFS	SS009-MW2	Site 9 and 10	GW	5.9
NBAFS	LF003 MW-1	Site 5	GW	22.65
NBAFS	LF003 MW-2	Site 5	GW	71.0
NBAFS	SS008 MW-4	Site 9	GW	82.0
NBAFS	TRIP BLANK	Sites 5 & 9	TB	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	SIS18SW10	Site 18	GW	0.0
NBAFS	SIS18SW2	Site 18	GW	0.0
NBAFS	SIS18SW2 DUP	Site 18	GW	0.0
NBAFS	SIS18SW3	Site 18	GW	0.0
NBAFS	SIS18SW4	Site 18	GW	0.0
NBAFS	SIS18SW5	Site 18	GW	0.0
NBAFS	SIS18SW6	Site 18	GW	0.0
NBAFS	SIS18SW7	Site 18	GW	0.0
NBAFS	SIS18SW8	Site 18	GW	0.0
NBAFS	SIS18SW9	Site 18	GW	0.0
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	SIS18SS10	Site 18	SS	0.0
NBAFS	SIS18SS11	Site 18	SS	0.0
NBAFS	SIS18SS12	Site 18	SS	0.0
NBAFS	SIS18SS13	Site 18	SS	0.0
NBAFS	SIS18SS9	Site 18	SS	0.0
NBAFS	SIS18SS9 DUP	Site 18	SS	0.0
NBAFS	SIS18SB10B	Site 18	SB	7.0
NBAFS	SIS18SB10C	Site 18	SB	8.0
NBAFS	SIS18SB10D	Site 18	SB	9.0
NBAFS	SIS18SB11B	Site 18	SB	7.0
NBAFS	SIS18SB11C	Site 18	SB	8.0
NBAFS	SIS18SB11D	Site 18	SB	9.0
NBAFS	SIS18SB4C	Site 18	SB	8.0

NBAFS	SIS18SB4D	Site 18	SB	9.0
NBAFS	SIS18SB9B	Site 18	SB	0.0
NBAFS	SIS18SB9C	Site 18	SB	8.0
NBAFS	SIS18SB9C DUP	Site 18	SB	8.0
NBAFS	SIS18SB9D	Site 18	SB	9.0
NBAFS	SIS18SD3	Site 18	SD	0.0
NBAFS	SIS18SD4	Site 18	SD	0.0
NBAFS	SIS18SD5	Site 18	SD	0.0
NBAFS	SIS18SD6	Site 18	SD	0.0
NBAFS	SIS18SD7	Site 18	SD	0.0
NBAFS	SIS18SD8	Site 18	SD	0.0
NBAFS	SIS18SD8 DUP	Site 18	SD	0.0
NBAFS	SIS18SD9	Site 18	SD	0.0
NBAFS	SIS18SD9 DUP	Site 18	SD	0.0
NBAFS	SIS18SD10	Site 18	SD	0.0
NBAFS	SIS18SD10 DUP	Site 18	SD	0.0

YLOCATION	Z1	Z2
4.5	4.0	4.5
4.5	4.0	4.5
4.5	4.0	4.5
0.5	0.0	0.5
2.0	1.5	2.0
0.5	0.0	0.5
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
17.0	15.0	17.0
17.0	15.0	17.0
25.0	23.0	25.0
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
81.0	71.0	81.0
41.4	26.4	41.4
37.65	22.65	37.65

81.0	71.0	81.0
101.0	81.0	101.0
61.0	51.0	61.0
71.0	51.0	71.0
31.0	21.0	31.0
30.5	20.5	30.5
41.4	26.4	41.4
102.0	82.0	102.0
15.0	5.0	15.0
76.5	56.5	76.5
NA	NA	NA
3.5	1.5	3.5
176.0	174.0	176.0
176.0	174.0	176.0
127.0	125.0	127.0
NA	NA	NA
21.5	11.5	21.5
21.5	11.5	21.5
3.5	1.5	3.5
3.25	1.25	3.25
26.0	6.0	26.0
26.5	11.5	26.5
20.9	5.9	20.9
37.65	22.65	37.65
81.0	71.0	81.0
102.0	82.0	102.0
NA	NA	NA
NA	NA	NA
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
NA	NA	NA
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
7.5	7.0	7.5
8.5	8.0	8.5
9.5	9.0	9.5
7.5	7.0	7.5
8.5	8.0	8.5
9.5	9.0	9.5
8.5	8.0	8.5

9.5	9.0	9.5
0.5	0.0	0.5
8.5	8.0	8.5
8.5	8.0	8.5
9.5	9.0	9.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5

SAMPNUMB	PARAMETER	VALUE	UNITS	LABQUAL	DVQUAL
SIS18SB09A	Total Solids	89.5	%		
SIS18SB09A	Aroclor 1248	33	ug/kg	U	U
SIS18SB09A	Aroclor 1016	35	ug/kg	U	U
SIS18SB09A	Aroclor 1242	38	ug/kg	U	U
SIS18SB09A	Aroclor 1221	46	ug/kg	U	U
SIS18SB09A	Aroclor 1232	52	ug/kg	U	U
SIS18SB09A	Aroclor 1254	33	ug/kg	U	U
SIS18SB09A	Aroclor 1260	33	ug/kg	U	U
SIS18SB10A	Total Solids	88.6	%		
SIS18SB10A	Aroclor 1248	34	ug/kg	U	U
SIS18SB10A	Aroclor 1016	35	ug/kg	U	U
SIS18SB10A	Aroclor 1242	38	ug/kg	U	U
SIS18SB10A	Aroclor 1221	46	ug/kg	U	U
SIS18SB10A	Aroclor 1232	53	ug/kg	U	U
SIS18SB10A	Aroclor 1260	34	ug/kg	U	U
SIS18SB10A	Aroclor 1254	270	ug/kg		
SIS18SB11A	Total Solids	91.0	%		
SIS18SB11A	Aroclor 1242	37	ug/kg	U	U
SIS18SB11A	Aroclor 1221	45	ug/kg	U	U
SIS18SB11A	Aroclor 1232	52	ug/kg	U	U
SIS18SB11A	Aroclor 1254	33	ug/kg	U	U
SIS18SB11A	Aroclor 1260	33	ug/kg	U	U
SIS18SB11A	Aroclor 1248	33	ug/kg	U	U
SIS18SB11A	Aroclor 1016	34	ug/kg	U	U
SIS5SS01	Total Solids	94.2	%		
SIS5SS01	1,4-DIOXANE	1.1	ug/kg	U	U
SIS5SS01	cis-1,3-Dichloropropene	53	ug/kg	U	U
SIS5SS01	Chloromethane	53	ug/kg	U	U
SIS5SS01	1,2-Dibromoethane	53	ug/kg	U	U
SIS5SS01	trans-1,3-Dichloropropene	53	ug/kg	U	U
SIS5SS01	Bromochloromethane	53	ug/kg	U	U
SIS5SS01	Chloroform	53	ug/kg	U	U
SIS5SS01	Dibromochloromethane	53	ug/kg	U	U
SIS5SS01	Tert-butyl ethyl ether	53	ug/kg	U	U
SIS5SS01	Trichloroethene	53	ug/kg	U	U
SIS5SS01	1,1-Dichloropropene	53	ug/kg	U	U
SIS5SS01	1,3-Dichlorobenzene	53	ug/kg	U	U
SIS5SS01	1,2,4-Trichlorobenzene	53	ug/kg	U	U
SIS5SS01	1,1,2,2-Tetrachloroethane	53	ug/kg	U	U
SIS5SS01	1-Chlorohexane	53	ug/kg	U	U
SIS5SS01	Ethyl ether	53	ug/kg	U	U
SIS5SS01	1,1,1-Trichloroethane	53	ug/kg	U	U
SIS5SS01	n-Propylbenzene	53	ug/kg	U	U
SIS5SS01	Bromoform	53	ug/kg	U	U
SIS5SS01	Isopropylbenzene	53	ug/kg	U	U
SIS5SS01	o-Xylene	53	ug/kg	U	U
SIS5SS01	1,2,3-Trichloropropane	53	ug/kg	U	U
SIS5SS01	Tetrahydrofuran	530	ug/kg	U	U
SIS5SS01	Dichlorodifluoromethane	53	ug/kg	U	U
SIS5SS01	2-Butanone	530	ug/kg	U	U
SIS5SS01	m,p-Xylenes	51	ug/kg	U	U

SIS5SS01	2-Chlorotoluene	53	ug/kg	U	U
SIS5SS01	Tert-amyl methyl ether	55	ug/kg	U	U
SIS5SS01	1,2,3-Trichlorobenzene	56	ug/kg	U	U
SIS5SS01	1,1-Dichloroethene	58	ug/kg	U	U
SIS5SS01	1,3,5-Trichlorobenzene	59	ug/kg	U	U
SIS5SS01	Hexachlorobutadiene	59	ug/kg	U	U
SIS5SS01	trans-1,2-Dichloroethene	59	ug/kg	UQ,M	UJ
SIS5SS01	Dibromomethane	60	ug/kg	U	U
SIS5SS01	Trichlorofluoromethane	61	ug/kg	U	U
SIS5SS01	1,1,2-Trichloroethane	69	ug/kg	U	U
SIS5SS01	Carbon tetrachloride	70	ug/kg	U	U
SIS5SS01	Methylene chloride	76	ug/kg	U	UJ
SIS5SS01	1,2-Dibromo-3-chloropropane	78	ug/kg	U	U
SIS5SS01	Acetone	780	ug/kg	U	U
SIS5SS01	Bromomethane	85	ug/kg	U	U
SIS5SS01	Chloroethane	85	ug/kg	U	U
SIS5SS01	Naphthalene	89	ug/kg	U	U
SIS5SS01	Carbon disulfide	120	ug/kg	U	U
SIS5SS01	1,3-Dichloropropane	53	ug/kg	U	U
SIS5SS01	Styrene	53	ug/kg	U	U
SIS5SS01	1,4-Dichlorobenzene	53	ug/kg	U	U
SIS5SS01	1,2,4-Trimethylbenzene	53	ug/kg	U	U
SIS5SS01	Diisopropyl ether	53	ug/kg	U	U
SIS5SS01	4-Chlorotoluene	53	ug/kg	U	U
SIS5SS01	Ethylbenzene	53	ug/kg	U	U
SIS5SS01	p-Isopropyltoluene	53	ug/kg	U	U
SIS5SS01	1,2-Dichloroethane	53	ug/kg	U	U
SIS5SS01	1,3,5-Trimethylbenzene	53	ug/kg	U	U
SIS5SS01	Chlorobenzene	53	ug/kg	U	U
SIS5SS01	sec-Butylbenzene	53	ug/kg	U	U
SIS5SS01	Benzene	53	ug/kg	U	U
SIS5SS01	n-Butylbenzene	53	ug/kg	U	U
SIS5SS01	1,1-Dichloroethane	53	ug/kg	U	U
SIS5SS01	cis-1,2-Dichloroethene	53	ug/kg	U	U
SIS5SS01	tert-Butylbenzene	53	ug/kg	U	U
SIS5SS01	4-Methyl-2-pentanone	530	ug/kg	U	U
SIS5SS01	1,1,1,2-TETRACHLOROETHANE	53	ug/kg	U	U
SIS5SS01	1,2-Dichlorobenzene	53	ug/kg	U	U
SIS5SS01	Vinyl chloride	53	ug/kg	U	U
SIS5SS01	1,2-Dichloropropane	53	ug/kg	U	U
SIS5SS01	2,2-Dichloropropane	53	ug/kg	U	U
SIS5SS01	Bromodichloromethane	53	ug/kg	U	U
SIS5SS01	Methyl tert-butyl ether	53	ug/kg	U	UJ
SIS5SS01	Tetrachloroethene	53	ug/kg	U	U
SIS5SS01	Toluene	53	ug/kg	U	U
SIS5SS01	Bromobenzene	53	ug/kg	U	U
SIS5SS01	2-Hexanone	530	ug/kg	U	U
SIS5SS01	Tert-butyl alcohol	1400	ug/kg	UQ,M	UJ
FIELD DUPLICATE #1	Total Solids	95.6	%		
FIELD DUPLICATE #1	1,2-Dichlorobenzene	33	ug/kg	U	U
FIELD DUPLICATE #1	Anthracene	35	ug/kg	U	U
FIELD DUPLICATE #1	4-Bromophenyl phenyl ether	36	ug/kg	U	U

FIELD DUPLICATE #1	2-Methylphenol	360	ug/kg	U	U
FIELD DUPLICATE #1	4-Methylphenol	370	ug/kg	U	U
FIELD DUPLICATE #1	2-Chlorophenol	370	ug/kg	U	U
FIELD DUPLICATE #1	2,4,5-Trichlorophenol	370	ug/kg	U	U
FIELD DUPLICATE #1	Fluorene	37	ug/kg	U	U
FIELD DUPLICATE #1	Benzo(b)fluoranthene	38	ug/kg	U	U
FIELD DUPLICATE #1	Dibenzo(a,h)anthracene	38	ug/kg	U	U
FIELD DUPLICATE #1	Pyrene	38	ug/kg	U	U
FIELD DUPLICATE #1	1,3-Dichlorobenzene	39	ug/kg	U	U
FIELD DUPLICATE #1	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
FIELD DUPLICATE #1	Phenanthrene	40	ug/kg	U	U
FIELD DUPLICATE #1	2-Nitrophenol	420	ug/kg	U	U
FIELD DUPLICATE #1	Chrysene	42	ug/kg	U	U
FIELD DUPLICATE #1	Phenol	430	ug/kg	U	U
FIELD DUPLICATE #1	1,4-Dichlorobenzene	44	ug/kg	U	U
FIELD DUPLICATE #1	2-Chloronaphthalene	47	ug/kg	U	U
FIELD DUPLICATE #1	Bis(2-chloroethyl) ether	48	ug/kg	U	U
FIELD DUPLICATE #1	Hexachlorobenzene	52	ug/kg	U	U
FIELD DUPLICATE #1	Acenaphthene	53	ug/kg	U	U
FIELD DUPLICATE #1	1,2,4-Trichlorobenzene	55	ug/kg	U	U
FIELD DUPLICATE #1	Hexachloroethane	58	ug/kg	U	U
FIELD DUPLICATE #1	N-Nitrosodiphenylamine	60	ug/kg	U	U
FIELD DUPLICATE #1	Benzo(a)pyrene	66	ug/kg	U	U
FIELD DUPLICATE #1	2-Methylnaphthalene	68	ug/kg	U	U
FIELD DUPLICATE #1	2,6-Dinitrotoluene	70	ug/kg	U	U
FIELD DUPLICATE #1	Acenaphthylene	70	ug/kg	U	U
FIELD DUPLICATE #1	Bis(2-chloroethoxy)methane	70	ug/kg	U	U
FIELD DUPLICATE #1	Fluoranthene	72	ug/kg	U	U
FIELD DUPLICATE #1	Benzo(k)fluoranthene	73	ug/kg	U	U
FIELD DUPLICATE #1	2,4-Dinitrophenol	740	ug/kg	U	U
FIELD DUPLICATE #1	2,4-Dinitrotoluene	79	ug/kg	U	U
FIELD DUPLICATE #1	Butylbenzyl phthalate	84	ug/kg	U	U
FIELD DUPLICATE #1	Benzo(g,h,i)perylene	86	ug/kg	U	U
FIELD DUPLICATE #1	2-Nitroaniline	91	ug/kg	U	U
FIELD DUPLICATE #1	Isophorone	95	ug/kg	U	U
FIELD DUPLICATE #1	Bis(2-ethylhexyl) phthalate	97	ug/kg	U	U
FIELD DUPLICATE #1	3,3'-Dichlorobenzidine	970	ug/kg	U	U
FIELD DUPLICATE #1	Benzoic acid	1000	ug/kg	U	U
FIELD DUPLICATE #1	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
FIELD DUPLICATE #1	Hexachlorobutadiene	110	ug/kg	U	U
FIELD DUPLICATE #1	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
FIELD DUPLICATE #1	4-Nitroaniline	120	ug/kg	U	U
FIELD DUPLICATE #1	3-Nitroaniline	120	ug/kg	U	U
FIELD DUPLICATE #1	4-Nitrophenol	1200	ug/kg	U	U
FIELD DUPLICATE #1	Dibenzofuran	140	ug/kg	U	U
FIELD DUPLICATE #1	Diethyl phthalate	140	ug/kg	U	U
FIELD DUPLICATE #1	Di-n-octyl phthalate	140	ug/kg	U	U
FIELD DUPLICATE #1	Nitrobenzene	150	ug/kg	U	U
FIELD DUPLICATE #1	4-Chloroaniline	230	ug/kg	U	U
FIELD DUPLICATE #1	Pentachlorophenol	520	ug/kg	U	U
FIELD DUPLICATE #1	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	U
FIELD DUPLICATE #1	2,4,6-Trichlorophenol	270	ug/kg	U	U

FIELD DUPLICATE #1	Indeno(1,2,3-cd)pyrene	29	ug/kg	U	U
FIELD DUPLICATE #1	2,4-Dimethylphenol	270	ug/kg	U	U
FIELD DUPLICATE #1	Benzyl alcohol	280	ug/kg	U	U
FIELD DUPLICATE #1	Benzo(a)anthracene	30	ug/kg	U	U
FIELD DUPLICATE #1	Naphthalene	31	ug/kg	U	U
FIELD DUPLICATE #1	4-Chloro-3-methylphenol	320	ug/kg	U	U
FIELD DUPLICATE #1	2,4-Dichlorophenol	340	ug/kg	U	U
FIELD DUPLICATE #1	Dimethyl phthalate	34	ug/kg	JB	U
FIELD DUPLICATE #1	Di-n-butyl phthalate	53	ug/kg	JB	U
FIELD DUPLICATE #2	Total Solids	97.9	%		
FIELD DUPLICATE #2	2,6-Dinitrotoluene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Acenaphthylene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Bis(2-chloroethoxy)methane	510	ug/kg	UV	U
FIELD DUPLICATE #2	Fluoranthene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Benzo(k)fluoranthene	510	ug/kg	UV	U
FIELD DUPLICATE #2	2,4-Dinitrophenol	3600	ug/kg	UV	U
FIELD DUPLICATE #2	2,4-Dinitrotoluene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Butylbenzyl phthalate	510	ug/kg	UV	U
FIELD DUPLICATE #2	Benzo(g,h,i)perylene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Dimethyl phthalate	510	ug/kg	UV	U
FIELD DUPLICATE #2	2-Nitroaniline	510	ug/kg	UV	U
FIELD DUPLICATE #2	Isophorone	510	ug/kg	UV	U
FIELD DUPLICATE #2	Bis(2-ethylhexyl) phthalate	510	ug/kg	UV	U
FIELD DUPLICATE #2	3,3'-Dichlorobenzidine	4700	ug/kg	UV	U
FIELD DUPLICATE #2	N-Nitroso-di-n-propylamine	560	ug/kg	UV	U
FIELD DUPLICATE #2	Benzoic acid	5000	ug/kg	UV	U
FIELD DUPLICATE #2	Hexachlorobutadiene	520	ug/kg	UV	U
FIELD DUPLICATE #2	4-Chlorophenyl phenyl ether	560	ug/kg	UV	U
FIELD DUPLICATE #2	4-Nitroaniline	560	ug/kg	UV	U
FIELD DUPLICATE #2	3-Nitroaniline	560	ug/kg	UV	U
FIELD DUPLICATE #2	4-Nitrophenol	5600	ug/kg	UV	U
FIELD DUPLICATE #2	Dibenzofuran	660	ug/kg	UV	U
FIELD DUPLICATE #2	Diethyl phthalate	660	ug/kg	UV	U
FIELD DUPLICATE #2	Di-n-octyl phthalate	660	ug/kg	UV	U
FIELD DUPLICATE #2	Nitrobenzene	720	ug/kg	UV	U
FIELD DUPLICATE #2	Di-n-butyl phthalate	720	ug/kg	UV	U
FIELD DUPLICATE #2	4-Chloroaniline	1100	ug/kg	UV	U
FIELD DUPLICATE #2	Pentachlorophenol	2500	ug/kg	UV	U
FIELD DUPLICATE #2	2-Methyl-4,6-dinitrophenol	2500	ug/kg	UV	U
FIELD DUPLICATE #2	2,4,6-Trichlorophenol	1300	ug/kg	UV	U
FIELD DUPLICATE #2	2,4-Dimethylphenol	1300	ug/kg	UV	U
FIELD DUPLICATE #2	Benzyl alcohol	1400	ug/kg	UV	U
FIELD DUPLICATE #2	Indeno(1,2,3-cd)pyrene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Benzo(a)anthracene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Naphthalene	510	ug/kg	UV	U
FIELD DUPLICATE #2	4-Chloro-3-methylphenol	1600	ug/kg	UV	U
FIELD DUPLICATE #2	2,4-Dichlorophenol	1600	ug/kg	UV	U
FIELD DUPLICATE #2	1,2-Dichlorobenzene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Anthracene	510	ug/kg	UV	U
FIELD DUPLICATE #2	4-Bromophenyl phenyl ether	510	ug/kg	UV	U
FIELD DUPLICATE #2	2-Methylphenol	1700	ug/kg	UV	U
FIELD DUPLICATE #2	4-Methylphenol	1800	ug/kg	UV	U

FIELD DUPLICATE #2	2-Chlorophenol	1800	ug/kg	UV	U
FIELD DUPLICATE #2	2,4,5-Trichlorophenol	1800	ug/kg	UV	U
FIELD DUPLICATE #2	Fluorene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Dibenzo(a,h)anthracene	510	ug/kg	UV	U
FIELD DUPLICATE #2	1,3-Dichlorobenzene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Bis(2-chloroisopropyl) ether	510	ug/kg	UV	U
FIELD DUPLICATE #2	Phenanthrene	510	ug/kg	UV	U
FIELD DUPLICATE #2	2-Nitrophenol	2000	ug/kg	UV	U
FIELD DUPLICATE #2	Chrysene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Phenol	2100	ug/kg	UV	U
FIELD DUPLICATE #2	1,4-Dichlorobenzene	510	ug/kg	UV	U
FIELD DUPLICATE #2	2-Chloronaphthalene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Bis(2-chloroethyl) ether	510	ug/kg	UV	U
FIELD DUPLICATE #2	Hexachlorobenzene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Acenaphthene	510	ug/kg	UV	U
FIELD DUPLICATE #2	1,2,4-Trichlorobenzene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Hexachloroethane	510	ug/kg	UV	U
FIELD DUPLICATE #2	N-Nitrosodiphenylamine	290	ug/kg	UV	U
FIELD DUPLICATE #2	Benzo(a)pyrene	510	ug/kg	UV	U
FIELD DUPLICATE #2	2-Methylnaphthalene	510	ug/kg	UV	U
FIELD DUPLICATE #2	Pyrene	86	ug/kg	JV	J
FIELD DUPLICATE #2	Benzo(b)fluoranthene	98	ug/kg	JV	J
FIELD DUPLICATE #3	Total Solids	91.4	%		
FIELD DUPLICATE #3	2,4-Dichlorophenol	350	ug/kg	U	U
FIELD DUPLICATE #3	1,2-Dichlorobenzene	35	ug/kg	U	U
FIELD DUPLICATE #3	Anthracene	36	ug/kg	U	U
FIELD DUPLICATE #3	4-Bromophenyl phenyl ether	37	ug/kg	U	U
FIELD DUPLICATE #3	2-Methylphenol	370	ug/kg	U	U
FIELD DUPLICATE #3	4-Methylphenol	380	ug/kg	U	U
FIELD DUPLICATE #3	2-Chlorophenol	380	ug/kg	U	U
FIELD DUPLICATE #3	2,4,5-Trichlorophenol	380	ug/kg	U	U
FIELD DUPLICATE #3	Fluorene	38	ug/kg	U	U
FIELD DUPLICATE #3	1,3-Dichlorobenzene	40	ug/kg	U	U
FIELD DUPLICATE #3	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U
FIELD DUPLICATE #3	2-Nitrophenol	430	ug/kg	U	U
FIELD DUPLICATE #3	Phenol	440	ug/kg	U	U
FIELD DUPLICATE #3	1,4-Dichlorobenzene	45	ug/kg	U	U
FIELD DUPLICATE #3	2-Chloronaphthalene	49	ug/kg	U	U
FIELD DUPLICATE #3	Bis(2-chloroethyl) ether	50	ug/kg	U	U
FIELD DUPLICATE #3	Hexachlorobenzene	54	ug/kg	U	U
FIELD DUPLICATE #3	Acenaphthene	55	ug/kg	U	U
FIELD DUPLICATE #3	1,2,4-Trichlorobenzene	57	ug/kg	U	U
FIELD DUPLICATE #3	Hexachloroethane	59	ug/kg	U	U
FIELD DUPLICATE #3	N-Nitrosodiphenylamine	62	ug/kg	U	U
FIELD DUPLICATE #3	2-Methylnaphthalene	70	ug/kg	U	U
FIELD DUPLICATE #3	2,6-Dinitrotoluene	72	ug/kg	U	U
FIELD DUPLICATE #3	Acenaphthylene	72	ug/kg	U	U
FIELD DUPLICATE #3	Bis(2-chloroethoxy)methane	72	ug/kg	U	U
FIELD DUPLICATE #3	2,4-Dinitrophenol	770	ug/kg	U	U
FIELD DUPLICATE #3	2,4-Dinitrotoluene	82	ug/kg	U	U
FIELD DUPLICATE #3	Butylbenzyl phthalate	86	ug/kg	U	U
FIELD DUPLICATE #3	2-Nitroaniline	94	ug/kg	U	U

FIELD DUPLICATE #3	Isophorone	98	ug/kg	U	U
FIELD DUPLICATE #3	Bis(2-ethylhexyl) phthalate	110	ug/kg	U	U
FIELD DUPLICATE #3	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
FIELD DUPLICATE #3	Benzoic acid	1100	ug/kg	U	U
FIELD DUPLICATE #3	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
FIELD DUPLICATE #3	Hexachlorobutadiene	110	ug/kg	U	U
FIELD DUPLICATE #3	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
FIELD DUPLICATE #3	4-Nitroaniline	120	ug/kg	U	U
FIELD DUPLICATE #3	3-Nitroaniline	120	ug/kg	U	U
FIELD DUPLICATE #3	4-Nitrophenol	1200	ug/kg	U	U
FIELD DUPLICATE #3	Dibenzofuran	140	ug/kg	U	U
FIELD DUPLICATE #3	Diethyl phthalate	140	ug/kg	U	U
FIELD DUPLICATE #3	Di-n-octyl phthalate	140	ug/kg	U	U
FIELD DUPLICATE #3	Nitrobenzene	150	ug/kg	U	U
FIELD DUPLICATE #3	4-Chloroaniline	240	ug/kg	U	U
FIELD DUPLICATE #3	Pentachlorophenol	540	ug/kg	U	U
FIELD DUPLICATE #3	2-Methyl-4,6-dinitrophenol	540	ug/kg	U	U
FIELD DUPLICATE #3	2,4,6-Trichlorophenol	280	ug/kg	U	U
FIELD DUPLICATE #3	2,4-Dimethylphenol	280	ug/kg	U	U
FIELD DUPLICATE #3	Benzyl alcohol	290	ug/kg	U	U
FIELD DUPLICATE #3	Naphthalene	32	ug/kg	U	U
FIELD DUPLICATE #3	4-Chloro-3-methylphenol	340	ug/kg	U	U
FIELD DUPLICATE #3	Benzo(b)fluoranthene	130	ug/kg		
FIELD DUPLICATE #3	Pyrene	130	ug/kg		
FIELD DUPLICATE #3	Fluoranthene	170	ug/kg		
FIELD DUPLICATE #3	Dibenzo(a,h)anthracene	18	ug/kg	J	J
FIELD DUPLICATE #3	Benzo(k)fluoranthene	43	ug/kg	J	J
FIELD DUPLICATE #3	Indeno(1,2,3-cd)pyrene	50	ug/kg		J
FIELD DUPLICATE #3	Benzo(g,h,i)perylene	59	ug/kg	J	J
FIELD DUPLICATE #3	Di-n-butyl phthalate	60	ug/kg	JB	U
FIELD DUPLICATE #3	Phenanthrene	62	ug/kg		J
FIELD DUPLICATE #3	Dimethyl phthalate	66	ug/kg	JB	U
FIELD DUPLICATE #3	Benzo(a)anthracene	67	ug/kg		J
FIELD DUPLICATE #3	Benzo(a)pyrene	78	ug/kg		J
FIELD DUPLICATE #3	Chrysene	97	ug/kg		J
NBPAHSB010A	Total Solids	93.4	%		
NBPAHSB010A	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSB010A	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSB010A	Anthracene	35	ug/kg	U	U
NBPAHSB010A	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSB010A	2-Methylphenol	360	ug/kg	U	U
NBPAHSB010A	4-Methylphenol	370	ug/kg	U	U
NBPAHSB010A	2-Chlorophenol	370	ug/kg	U	U
NBPAHSB010A	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSB010A	Fluorene	37	ug/kg	U	U
NBPAHSB010A	Dibenzo(a,h)anthracene	39	ug/kg	U	U
NBPAHSB010A	1,3-Dichlorobenzene	40	ug/kg	U	U
NBPAHSB010A	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U
NBPAHSB010A	Phenanthrene	41	ug/kg	U	U
NBPAHSB010A	Chrysene	43	ug/kg	U	U
NBPAHSB010A	2-Nitrophenol	430	ug/kg	U	U
NBPAHSB010A	Phenol	440	ug/kg	U	U

NBPAHSB010A	1,4-Dichlorobenzene	45	ug/kg	U	U
NBPAHSB010A	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSB010A	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSB010A	Hexachlorobenzene	54	ug/kg	U	U
NBPAHSB010A	Acenaphthene	55	ug/kg	U	U
NBPAHSB010A	1,2,4-Trichlorobenzene	57	ug/kg	U	U
NBPAHSB010A	Hexachloroethane	59	ug/kg	U	U
NBPAHSB010A	N-Nitrosodiphenylamine	61	ug/kg	U	U
NBPAHSB010A	Benzo(a)pyrene	67	ug/kg	U	U
NBPAHSB010A	2-Methylnaphthalene	70	ug/kg	U	U
NBPAHSB010A	2,6-Dinitrotoluene	72	ug/kg	U	U
NBPAHSB010A	Acenaphthylene	72	ug/kg	U	U
NBPAHSB010A	Bis(2-chloroethoxy)methane	72	ug/kg	U	U
NBPAHSB010A	Fluoranthene	74	ug/kg	U	U
NBPAHSB010A	Benzo(k)fluoranthene	75	ug/kg	U	U
NBPAHSB010A	2,4-Dinitrophenol	760	ug/kg	U	U
NBPAHSB010A	2,4-Dinitrotoluene	81	ug/kg	U	U
NBPAHSB010A	Butylbenzyl phthalate	86	ug/kg	U	U
NBPAHSB010A	Benzo(g,h,i)perylene	88	ug/kg	U	U
NBPAHSB010A	2-Nitroaniline	93	ug/kg	U	U
NBPAHSB010A	Isophorone	97	ug/kg	U	U
NBPAHSB010A	Bis(2-ethylhexyl) phthalate	110	ug/kg	U	U
NBPAHSB010A	3,3'-Dichlorobenzidine	990	ug/kg	U	U
NBPAHSB010A	Benzoic acid	1000	ug/kg	U	U
NBPAHSB010A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB010A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB010A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB010A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB010A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB010A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB010A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB010A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB010A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB010A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB010A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB010A	Pentachlorophenol	530	ug/kg	U	U
NBPAHSB010A	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSB010A	Indeno(1,2,3-cd)pyrene	30	ug/kg	U	U
NBPAHSB010A	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSB010A	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSB010A	Benzyl alcohol	290	ug/kg	U	U
NBPAHSB010A	Naphthalene	32	ug/kg	U	U
NBPAHSB010A	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSB010A	Pyrene	13	ug/kg	J	J
NBPAHSB010A	Benzo(a)anthracene	14	ug/kg	J	J
NBPAHSB010A	Benzo(b)fluoranthene	16	ug/kg	J	J
NBPAHSB010A	Di-n-butyl phthalate	61	ug/kg	JB	U
NBPAHSB010A	Dimethyl phthalate	64	ug/kg	JB	U
NBPAHSB011A	Total Solids	90.1	%		
NBPAHSB011A	Naphthalene	33	ug/kg	U	U
NBPAHSB011A	4-Chloro-3-methylphenol	350	ug/kg	U	U
NBPAHSB011A	2,4-Dichlorophenol	360	ug/kg	U	U

NBPAHSB011A	1,2-Dichlorobenzene	36	ug/kg	U	U
NBPAHSB011A	Anthracene	37	ug/kg	U	U
NBPAHSB011A	4-Bromophenyl phenyl ether	38	ug/kg	U	U
NBPAHSB011A	2-Methylphenol	380	ug/kg	U	U
NBPAHSB011A	Fluorene	39	ug/kg	U	U
NBPAHSB011A	Dibenzo(a,h)anthracene	40	ug/kg	U	U
NBPAHSB011A	1,3-Dichlorobenzene	41	ug/kg	U	U
NBPAHSB011A	Bis(2-chloroisopropyl) ether	42	ug/kg	U	U
NBPAHSB011A	4-Methylphenol	390	ug/kg	U	U
NBPAHSB011A	2-Chlorophenol	390	ug/kg	U	U
NBPAHSB011A	2,4,5-Trichlorophenol	390	ug/kg	U	U
NBPAHSB011A	2-Nitrophenol	450	ug/kg	U	U
NBPAHSB011A	1,4-Dichlorobenzene	47	ug/kg	U	U
NBPAHSB011A	2-Chloronaphthalene	50	ug/kg	U	U
NBPAHSB011A	Phenol	460	ug/kg	U	U
NBPAHSB011A	Bis(2-chloroethyl) ether	51	ug/kg	U	U
NBPAHSB011A	Hexachlorobenzene	55	ug/kg	U	U
NBPAHSB011A	Acenaphthene	57	ug/kg	U	U
NBPAHSB011A	1,2,4-Trichlorobenzene	59	ug/kg	U	U
NBPAHSB011A	Hexachloroethane	61	ug/kg	U	U
NBPAHSB011A	N-Nitrosodiphenylamine	63	ug/kg	U	U
NBPAHSB011A	2-Methylnaphthalene	72	ug/kg	U	U
NBPAHSB011A	2,6-Dinitrotoluene	74	ug/kg	U	U
NBPAHSB011A	Acenaphthylene	74	ug/kg	U	U
NBPAHSB011A	Bis(2-chloroethoxy)methane	74	ug/kg	U	U
NBPAHSB011A	Benzo(k)fluoranthene	78	ug/kg	U	U
NBPAHSB011A	2,4-Dinitrophenol	790	ug/kg	U	U
NBPAHSB011A	2,4-Dinitrotoluene	84	ug/kg	U	U
NBPAHSB011A	Butylbenzyl phthalate	89	ug/kg	U	U
NBPAHSB011A	Benzo(g,h,i)perylene	91	ug/kg	U	U
NBPAHSB011A	2-Nitroaniline	97	ug/kg	U	U
NBPAHSB011A	Isophorone	110	ug/kg	U	U
NBPAHSB011A	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSB011A	Benzoic acid	1100	ug/kg	U	U
NBPAHSB011A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB011A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB011A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB011A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB011A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB011A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB011A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB011A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB011A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB011A	Nitrobenzene	160	ug/kg	U	U
NBPAHSB011A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB011A	Pentachlorophenol	560	ug/kg	U	U
NBPAHSB011A	2-Methyl-4,6-dinitrophenol	560	ug/kg	U	U
NBPAHSB011A	Indeno(1,2,3-cd)pyrene	31	ug/kg	U	U
NBPAHSB011A	2,4,6-Trichlorophenol	290	ug/kg	U	U
NBPAHSB011A	2,4-Dimethylphenol	290	ug/kg	U	U
NBPAHSB011A	Benzyl alcohol	300	ug/kg	U	U
NBPAHSB011A	Phenanthrene	15	ug/kg	J	J

NBPAHSB011A	Benzo(a)pyrene	25	ug/kg	J	J
NBPAHSB011A	Benzo(a)anthracene	26	ug/kg	J	J
NBPAHSB011A	Chrysene	29	ug/kg	J	J
NBPAHSB011A	Pyrene	36	ug/kg	J	J
NBPAHSB011A	Bis(2-ethylhexyl) phthalate	39	ug/kg	J	U
NBPAHSB011A	Benzo(b)fluoranthene	42	ug/kg		J
NBPAHSB011A	Fluoranthene	47	ug/kg	J	J
NBPAHSB011A	Dimethyl phthalate	53	ug/kg	JB	U
NBPAHSB011A	Di-n-butyl phthalate	72	ug/kg	JB	U
NBPAHSB01A	Total Solids	92.3	%		
NBPAHSB01A	2,4-Dichlorophenol	350	ug/kg	U	U
NBPAHSB01A	1,2-Dichlorobenzene	35	ug/kg	U	U
NBPAHSB01A	Anthracene	36	ug/kg	U	U
NBPAHSB01A	4-Bromophenyl phenyl ether	37	ug/kg	U	U
NBPAHSB01A	2-Methylphenol	370	ug/kg	U	U
NBPAHSB01A	4-Methylphenol	380	ug/kg	U	U
NBPAHSB01A	2-Chlorophenol	380	ug/kg	U	U
NBPAHSB01A	2,4,5-Trichlorophenol	380	ug/kg	U	U
NBPAHSB01A	Fluorene	38	ug/kg	U	U
NBPAHSB01A	Benzo(b)fluoranthene	39	ug/kg	U	U
NBPAHSB01A	Dibenzo(a,h)anthracene	39	ug/kg	U	U
NBPAHSB01A	Pyrene	39	ug/kg	U	U
NBPAHSB01A	1,3-Dichlorobenzene	40	ug/kg	U	U
NBPAHSB01A	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U
NBPAHSB01A	Phenanthrene	41	ug/kg	U	U
NBPAHSB01A	Chrysene	43	ug/kg	U	U
NBPAHSB01A	2-Nitrophenol	430	ug/kg	U	U
NBPAHSB01A	Phenol	440	ug/kg	U	U
NBPAHSB01A	1,4-Dichlorobenzene	46	ug/kg	U	U
NBPAHSB01A	2-Chloronaphthalene	49	ug/kg	U	U
NBPAHSB01A	Bis(2-chloroethyl) ether	50	ug/kg	U	U
NBPAHSB01A	Hexachlorobenzene	54	ug/kg	U	U
NBPAHSB01A	Acenaphthene	55	ug/kg	U	U
NBPAHSB01A	1,2,4-Trichlorobenzene	57	ug/kg	U	U
NBPAHSB01A	Hexachloroethane	60	ug/kg	U	U
NBPAHSB01A	N-Nitrosodiphenylamine	62	ug/kg	U	U
NBPAHSB01A	Benzo(a)pyrene	68	ug/kg	U	U
NBPAHSB01A	2-Methylnaphthalene	70	ug/kg	U	U
NBPAHSB01A	2,6-Dinitrotoluene	73	ug/kg	U	U
NBPAHSB01A	Acenaphthylene	73	ug/kg	U	U
NBPAHSB01A	Bis(2-chloroethoxy)methane	73	ug/kg	U	U
NBPAHSB01A	Fluoranthene	75	ug/kg	U	U
NBPAHSB01A	Benzo(k)fluoranthene	76	ug/kg	U	U
NBPAHSB01A	2,4-Dinitrophenol	770	ug/kg	U	U
NBPAHSB01A	2,4-Dinitrotoluene	82	ug/kg	U	U
NBPAHSB01A	Butylbenzyl phthalate	87	ug/kg	U	U
NBPAHSB01A	Benzo(g,h,i)perylene	89	ug/kg	U	U
NBPAHSB01A	2-Nitroaniline	94	ug/kg	U	U
NBPAHSB01A	Isophorone	99	ug/kg	U	U
NBPAHSB01A	Bis(2-ethylhexyl) phthalate	110	ug/kg	U	U
NBPAHSB01A	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSB01A	Benzoic acid	1100	ug/kg	U	U

NBPAHSB01A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB01A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB01A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB01A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB01A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB01A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB01A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB01A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB01A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB01A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB01A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB01A	Pentachlorophenol	540	ug/kg	U	U
NBPAHSB01A	2-Methyl-4,6-dinitrophenol	540	ug/kg	U	U
NBPAHSB01A	Indeno(1,2,3-cd)pyrene	30	ug/kg	U	U
NBPAHSB01A	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSB01A	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSB01A	Benzyl alcohol	290	ug/kg	U	U
NBPAHSB01A	Benzo(a)anthracene	31	ug/kg	U	U
NBPAHSB01A	Naphthalene	33	ug/kg	U	U
NBPAHSB01A	4-Chloro-3-methylphenol	340	ug/kg	U	U
NBPAHSB01A	Di-n-butyl phthalate	54	ug/kg	JB	U
NBPAHSB01A	Dimethyl phthalate	73	ug/kg	JB	U
NBPAHSB02A	Total Solids	91.1	%		
NBPAHSB02A	4-Chloro-3-methylphenol	340	ug/kg	U	U
NBPAHSB02A	2,4-Dichlorophenol	350	ug/kg	U	U
NBPAHSB02A	1,2-Dichlorobenzene	35	ug/kg	U	U
NBPAHSB02A	Anthracene	36	ug/kg	U	U
NBPAHSB02A	4-Bromophenyl phenyl ether	37	ug/kg	U	U
NBPAHSB02A	2-Methylphenol	370	ug/kg	U	U
NBPAHSB02A	4-Methylphenol	380	ug/kg	U	U
NBPAHSB02A	Fluorene	38	ug/kg	U	U
NBPAHSB02A	Benzo(b)fluoranthene	40	ug/kg	U	U
NBPAHSB02A	Dibenzo(a,h)anthracene	40	ug/kg	U	U
NBPAHSB02A	Pyrene	40	ug/kg	U	U
NBPAHSB02A	1,3-Dichlorobenzene	41	ug/kg	U	U
NBPAHSB02A	Bis(2-chloroisopropyl) ether	42	ug/kg	U	U
NBPAHSB02A	Phenanthrene	42	ug/kg	U	U
NBPAHSB02A	2-Chlorophenol	380	ug/kg	U	U
NBPAHSB02A	2,4,5-Trichlorophenol	380	ug/kg	U	U
NBPAHSB02A	Chrysene	44	ug/kg	U	U
NBPAHSB02A	2-Nitrophenol	440	ug/kg	U	U
NBPAHSB02A	Phenol	450	ug/kg	U	U
NBPAHSB02A	1,4-Dichlorobenzene	46	ug/kg	U	U
NBPAHSB02A	2-Chloronaphthalene	49	ug/kg	U	U
NBPAHSB02A	Bis(2-chloroethyl) ether	50	ug/kg	U	U
NBPAHSB02A	Hexachlorobenzene	55	ug/kg	U	U
NBPAHSB02A	Acenaphthene	56	ug/kg	U	U
NBPAHSB02A	1,2,4-Trichlorobenzene	58	ug/kg	U	U
NBPAHSB02A	Hexachloroethane	60	ug/kg	U	U
NBPAHSB02A	N-Nitrosodiphenylamine	63	ug/kg	U	U
NBPAHSB02A	Benzo(a)pyrene	69	ug/kg	U	U
NBPAHSB02A	2-Methylnaphthalene	71	ug/kg	U	U

NBPAHSB02A	2,6-Dinitrotoluene	74	ug/kg	U	U
NBPAHSB02A	Acenaphthylene	74	ug/kg	U	U
NBPAHSB02A	Bis(2-chloroethoxy)methane	74	ug/kg	U	U
NBPAHSB02A	Fluoranthene	76	ug/kg	U	U
NBPAHSB02A	Benzo(k)fluoranthene	77	ug/kg	U	U
NBPAHSB02A	2,4-Dinitrophenol	780	ug/kg	U	U
NBPAHSB02A	2,4-Dinitrotoluene	83	ug/kg	U	U
NBPAHSB02A	Butylbenzyl phthalate	88	ug/kg	U	U
NBPAHSB02A	Benzo(g,h,i)perylene	90	ug/kg	U	U
NBPAHSB02A	2-Nitroaniline	95	ug/kg	U	U
NBPAHSB02A	Isophorone	110	ug/kg	U	U
NBPAHSB02A	Bis(2-ethylhexyl) phthalate	110	ug/kg	U	U
NBPAHSB02A	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSB02A	Benzoic acid	1100	ug/kg	U	U
NBPAHSB02A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB02A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB02A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB02A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB02A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB02A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB02A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB02A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB02A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB02A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB02A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB02A	Pentachlorophenol	540	ug/kg	U	U
NBPAHSB02A	2-Methyl-4,6-dinitrophenol	540	ug/kg	U	U
NBPAHSB02A	2,4,6-Trichlorophenol	290	ug/kg	U	U
NBPAHSB02A	2,4-Dimethylphenol	290	ug/kg	U	U
NBPAHSB02A	Benzyl alcohol	300	ug/kg	U	U
NBPAHSB02A	Benzo(a)anthracene	32	ug/kg	U	U
NBPAHSB02A	Naphthalene	33	ug/kg	U	U
NBPAHSB02A	Indeno(1,2,3-cd)pyrene	18	ug/kg	J	J
NBPAHSB02A	Dimethyl phthalate	67	ug/kg	JB	U
NBPAHSB02A	Di-n-butyl phthalate	70	ug/kg	JB	U
NBPAHSB03A	Total Solids	93.9	%		
NBPAHSB03A	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSB03A	Anthracene	35	ug/kg	U	U
NBPAHSB03A	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSB03A	2-Methylphenol	360	ug/kg	U	U
NBPAHSB03A	4-Methylphenol	370	ug/kg	U	U
NBPAHSB03A	2-Chlorophenol	370	ug/kg	U	U
NBPAHSB03A	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSB03A	Fluorene	37	ug/kg	U	U
NBPAHSB03A	Dibenzo(a,h)anthracene	38	ug/kg	U	U
NBPAHSB03A	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSB03A	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSB03A	Phenanthrene	40	ug/kg	U	U
NBPAHSB03A	Chrysene	43	ug/kg	U	U
NBPAHSB03A	2-Nitrophenol	430	ug/kg	U	U
NBPAHSB03A	Phenol	440	ug/kg	U	U
NBPAHSB03A	1,4-Dichlorobenzene	45	ug/kg	U	U

NBPAHSB03A	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSB03A	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSB03A	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSB03A	Acenaphthene	54	ug/kg	U	U
NBPAHSB03A	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSB03A	Hexachloroethane	59	ug/kg	U	U
NBPAHSB03A	N-Nitrosodiphenylamine	61	ug/kg	U	U
NBPAHSB03A	Benzo(a)pyrene	67	ug/kg	U	U
NBPAHSB03A	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSB03A	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSB03A	Acenaphthylene	71	ug/kg	U	U
NBPAHSB03A	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSB03A	Benzo(k)fluoranthene	75	ug/kg	U	U
NBPAHSB03A	2,4-Dinitrophenol	760	ug/kg	U	U
NBPAHSB03A	2,4-Dinitrotoluene	81	ug/kg	U	U
NBPAHSB03A	Butylbenzyl phthalate	85	ug/kg	U	U
NBPAHSB03A	Benzo(g,h,i)perylene	87	ug/kg	U	U
NBPAHSB03A	2-Nitroaniline	93	ug/kg	U	U
NBPAHSB03A	Isophorone	97	ug/kg	U	U
NBPAHSB03A	Bis(2-ethylhexyl) phthalate	99	ug/kg	U	U
NBPAHSB03A	3,3'-Dichlorobenzidine	990	ug/kg	U	U
NBPAHSB03A	Benzoic acid	1000	ug/kg	U	U
NBPAHSB03A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB03A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB03A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB03A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB03A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB03A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB03A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB03A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB03A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB03A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB03A	4-Chloroaniline	230	ug/kg	U	U
NBPAHSB03A	Pentachlorophenol	530	ug/kg	U	U
NBPAHSB03A	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSB03A	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSB03A	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSB03A	Benzyl alcohol	290	ug/kg	U	U
NBPAHSB03A	Naphthalene	32	ug/kg	U	U
NBPAHSB03A	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSB03A	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSB03A	Benzo(a)anthracene	12	ug/kg	J	J
NBPAHSB03A	Indeno(1,2,3-cd)pyrene	16	ug/kg	J	J
NBPAHSB03A	Benzo(b)fluoranthene	21	ug/kg	J	J
NBPAHSB03A	Fluoranthene	22	ug/kg	J	J
NBPAHSB03A	Pyrene	36	ug/kg	J	J
NBPAHSB03A	Dimethyl phthalate	58	ug/kg	JB	U
NBPAHSB03A	Di-n-butyl phthalate	60	ug/kg	JB	U
NBPAHSB04A	Total Solids	94.4	%		
NBPAHSB04A	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSB04A	Anthracene	35	ug/kg	U	U
NBPAHSB04A	4-Bromophenyl phenyl ether	36	ug/kg	U	U

NBPAHSB04A	2-Methylphenol	360	ug/kg	U	U
NBPAHSB04A	4-Methylphenol	370	ug/kg	U	U
NBPAHSB04A	2-Chlorophenol	370	ug/kg	U	U
NBPAHSB04A	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSB04A	Fluorene	37	ug/kg	U	U
NBPAHSB04A	Benzo(b)fluoranthene	38	ug/kg	U	U
NBPAHSB04A	Dibenzo(a,h)anthracene	38	ug/kg	U	U
NBPAHSB04A	Pyrene	38	ug/kg	U	U
NBPAHSB04A	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSB04A	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSB04A	Phenanthrene	40	ug/kg	U	U
NBPAHSB04A	Chrysene	42	ug/kg	U	U
NBPAHSB04A	2-Nitrophenol	430	ug/kg	U	U
NBPAHSB04A	Phenol	440	ug/kg	U	U
NBPAHSB04A	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSB04A	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSB04A	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSB04A	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSB04A	Acenaphthene	54	ug/kg	U	U
NBPAHSB04A	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSB04A	Hexachloroethane	58	ug/kg	U	U
NBPAHSB04A	N-Nitrosodiphenylamine	60	ug/kg	U	U
NBPAHSB04A	Benzo(a)pyrene	67	ug/kg	U	U
NBPAHSB04A	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSB04A	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSB04A	Acenaphthylene	71	ug/kg	U	U
NBPAHSB04A	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSB04A	Fluoranthene	73	ug/kg	U	U
NBPAHSB04A	Benzo(k)fluoranthene	74	ug/kg	U	U
NBPAHSB04A	2,4-Dinitrophenol	760	ug/kg	U	U
NBPAHSB04A	2,4-Dinitrotoluene	81	ug/kg	U	U
NBPAHSB04A	Butylbenzyl phthalate	85	ug/kg	U	U
NBPAHSB04A	Benzo(g,h,i)perylene	87	ug/kg	U	U
NBPAHSB04A	2-Nitroaniline	92	ug/kg	U	U
NBPAHSB04A	Isophorone	96	ug/kg	U	U
NBPAHSB04A	3,3'-Dichlorobenzidine	990	ug/kg	U	U
NBPAHSB04A	Bis(2-ethylhexyl) phthalate	99	ug/kg	U	U
NBPAHSB04A	Benzoic acid	1000	ug/kg	U	U
NBPAHSB04A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB04A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB04A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB04A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB04A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB04A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB04A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB04A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB04A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB04A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB04A	4-Chloroaniline	230	ug/kg	U	U
NBPAHSB04A	Pentachlorophenol	530	ug/kg	U	U
NBPAHSB04A	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSB04A	Indeno(1,2,3-cd)pyrene	30	ug/kg	U	U

NBPAHSB04A	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSB04A	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSB04A	Benzyl alcohol	290	ug/kg	U	U
NBPAHSB04A	Benzo(a)anthracene	31	ug/kg	U	U
NBPAHSB04A	Naphthalene	32	ug/kg	U	U
NBPAHSB04A	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSB04A	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSB04A	Dimethyl phthalate	52	ug/kg	JB	U
NBPAHSB04A	Di-n-butyl phthalate	61	ug/kg	JB	U
NBPAHSB05A	Total Solids	95.2	%		
NBPAHSB05A	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSB05A	Anthracene	35	ug/kg	U	U
NBPAHSB05A	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSB05A	2-Methylphenol	360	ug/kg	U	U
NBPAHSB05A	4-Methylphenol	370	ug/kg	U	U
NBPAHSB05A	2-Chlorophenol	370	ug/kg	U	U
NBPAHSB05A	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSB05A	Fluorene	37	ug/kg	U	U
NBPAHSB05A	Benzo(b)fluoranthene	38	ug/kg	U	U
NBPAHSB05A	Dibenzo(a,h)anthracene	38	ug/kg	U	U
NBPAHSB05A	Pyrene	38	ug/kg	U	U
NBPAHSB05A	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSB05A	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSB05A	Phenanthrene	40	ug/kg	U	U
NBPAHSB05A	2-Nitrophenol	420	ug/kg	U	U
NBPAHSB05A	Chrysene	42	ug/kg	U	U
NBPAHSB05A	Phenol	430	ug/kg	U	U
NBPAHSB05A	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSB05A	2-Chloronaphthalene	47	ug/kg	U	U
NBPAHSB05A	Bis(2-chloroethyl) ether	48	ug/kg	U	U
NBPAHSB05A	Hexachlorobenzene	52	ug/kg	U	U
NBPAHSB05A	Acenaphthene	53	ug/kg	U	U
NBPAHSB05A	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSB05A	Hexachloroethane	58	ug/kg	U	U
NBPAHSB05A	N-Nitrosodiphenylamine	60	ug/kg	U	U
NBPAHSB05A	Benzo(a)pyrene	66	ug/kg	U	U
NBPAHSB05A	2-Methylnaphthalene	68	ug/kg	U	U
NBPAHSB05A	2,6-Dinitrotoluene	70	ug/kg	U	U
NBPAHSB05A	Acenaphthylene	70	ug/kg	U	U
NBPAHSB05A	Bis(2-chloroethoxy)methane	70	ug/kg	U	U
NBPAHSB05A	Fluoranthene	72	ug/kg	U	U
NBPAHSB05A	Benzo(k)fluoranthene	73	ug/kg	U	U
NBPAHSB05A	2,4-Dinitrophenol	740	ug/kg	U	U
NBPAHSB05A	2,4-Dinitrotoluene	80	ug/kg	U	U
NBPAHSB05A	Butylbenzyl phthalate	84	ug/kg	U	U
NBPAHSB05A	Benzo(g,h,i)perylene	86	ug/kg	U	U
NBPAHSB05A	2-Nitroaniline	91	ug/kg	U	U
NBPAHSB05A	Isophorone	95	ug/kg	U	U
NBPAHSB05A	Bis(2-ethylhexyl) phthalate	97	ug/kg	U	U
NBPAHSB05A	3,3'-Dichlorobenzidine	970	ug/kg	U	U
NBPAHSB05A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB05A	Benzoic acid	1000	ug/kg	U	U

NBPAHSB05A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB05A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB05A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB05A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB05A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB05A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB05A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB05A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB05A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB05A	4-Chloroaniline	230	ug/kg	U	U
NBPAHSB05A	Pentachlorophenol	520	ug/kg	U	U
NBPAHSB05A	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	U
NBPAHSB05A	Indeno(1,2,3-cd)pyrene	29	ug/kg	U	U
NBPAHSB05A	2,4,6-Trichlorophenol	270	ug/kg	U	U
NBPAHSB05A	2,4-Dimethylphenol	270	ug/kg	U	U
NBPAHSB05A	Benzyl alcohol	280	ug/kg	U	U
NBPAHSB05A	Benzo(a)anthracene	30	ug/kg	U	U
NBPAHSB05A	Naphthalene	31	ug/kg	U	U
NBPAHSB05A	4-Chloro-3-methylphenol	320	ug/kg	U	U
NBPAHSB05A	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSB05A	Di-n-butyl phthalate	55	ug/kg	JB	U
NBPAHSB05A	Dimethyl phthalate	56	ug/kg	JB	U
NBPAHSB06A	Total Solids	91	%		
NBPAHSB06A	4-Chloro-3-methylphenol	340	ug/kg	U	U
NBPAHSB06A	2,4-Dichlorophenol	350	ug/kg	U	U
NBPAHSB06A	1,2-Dichlorobenzene	35	ug/kg	U	U
NBPAHSB06A	Anthracene	36	ug/kg	U	U
NBPAHSB06A	4-Bromophenyl phenyl ether	37	ug/kg	U	U
NBPAHSB06A	2-Methylphenol	370	ug/kg	U	U
NBPAHSB06A	4-Methylphenol	380	ug/kg	U	U
NBPAHSB06A	Fluorene	38	ug/kg	U	U
NBPAHSB06A	1,3-Dichlorobenzene	41	ug/kg	U	U
NBPAHSB06A	Bis(2-chloroisopropyl) ether	42	ug/kg	U	U
NBPAHSB06A	2-Chlorophenol	380	ug/kg	U	U
NBPAHSB06A	2,4,5-Trichlorophenol	380	ug/kg	U	U
NBPAHSB06A	2-Nitrophenol	440	ug/kg	U	U
NBPAHSB06A	Phenol	450	ug/kg	U	U
NBPAHSB06A	1,4-Dichlorobenzene	46	ug/kg	U	U
NBPAHSB06A	2-Chloronaphthalene	49	ug/kg	U	U
NBPAHSB06A	Bis(2-chloroethyl) ether	51	ug/kg	U	U
NBPAHSB06A	Hexachlorobenzene	55	ug/kg	U	U
NBPAHSB06A	Acenaphthene	56	ug/kg	U	U
NBPAHSB06A	1,2,4-Trichlorobenzene	58	ug/kg	U	U
NBPAHSB06A	Hexachloroethane	60	ug/kg	U	U
NBPAHSB06A	N-Nitrosodiphenylamine	63	ug/kg	U	U
NBPAHSB06A	2-Methylnaphthalene	71	ug/kg	U	U
NBPAHSB06A	2,6-Dinitrotoluene	74	ug/kg	U	U
NBPAHSB06A	Acenaphthylene	74	ug/kg	U	U
NBPAHSB06A	Bis(2-chloroethoxy)methane	74	ug/kg	U	U
NBPAHSB06A	2,4-Dinitrophenol	780	ug/kg	U	U
NBPAHSB06A	2,4-Dinitrotoluene	84	ug/kg	U	U
NBPAHSB06A	Butylbenzyl phthalate	88	ug/kg	U	U

NBPAHSB06A	2-Nitroaniline	96	ug/kg	U	U
NBPAHSB06A	Isophorone	110	ug/kg	U	U
NBPAHSB06A	Bis(2-ethylhexyl) phthalate	110	ug/kg	U	U
NBPAHSB06A	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSB06A	Benzoic acid	1100	ug/kg	U	U
NBPAHSB06A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB06A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB06A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB06A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB06A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB06A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB06A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB06A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB06A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB06A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB06A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB06A	Pentachlorophenol	550	ug/kg	U	U
NBPAHSB06A	2-Methyl-4,6-dinitrophenol	550	ug/kg	U	U
NBPAHSB06A	2,4,6-Trichlorophenol	290	ug/kg	U	U
NBPAHSB06A	2,4-Dimethylphenol	290	ug/kg	U	U
NBPAHSB06A	Benzyl alcohol	300	ug/kg	U	U
NBPAHSB06A	Naphthalene	33	ug/kg	U	U
NBPAHSB06A	Benzo(b)fluoranthene	110	ug/kg		
NBPAHSB06A	Pyrene	120	ug/kg		
NBPAHSB06A	Fluoranthene	130	ug/kg		
NBPAHSB06A	Dibenzo(a,h)anthracene	25	ug/kg	J	J
NBPAHSB06A	Dimethyl phthalate	43	ug/kg	JB	U
NBPAHSB06A	Phenanthrene	52	ug/kg		J
NBPAHSB06A	Benzo(k)fluoranthene	57	ug/kg	J	J
NBPAHSB06A	Indeno(1,2,3-cd)pyrene	57	ug/kg		J
NBPAHSB06A	Benzo(a)anthracene	63	ug/kg		J
NBPAHSB06A	Benzo(g,h,i)perylene	64	ug/kg	J	J
NBPAHSB06A	Benzo(a)pyrene	66	ug/kg	J	J
NBPAHSB06A	Di-n-butyl phthalate	76	ug/kg	JB	U
NBPAHSB06A	Chrysene	84	ug/kg		J
NBPAHSB07A	Total Solids	93.2	%		
NBPAHSB07A	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSB07A	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSB07A	Anthracene	35	ug/kg	U	U
NBPAHSB07A	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSB07A	2-Methylphenol	360	ug/kg	U	U
NBPAHSB07A	4-Methylphenol	380	ug/kg	U	U
NBPAHSB07A	2-Chlorophenol	380	ug/kg	U	U
NBPAHSB07A	2,4,5-Trichlorophenol	380	ug/kg	U	U
NBPAHSB07A	Fluorene	38	ug/kg	U	U
NBPAHSB07A	Dibenzo(a,h)anthracene	39	ug/kg	U	U
NBPAHSB07A	1,3-Dichlorobenzene	40	ug/kg	U	U
NBPAHSB07A	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U
NBPAHSB07A	2-Nitrophenol	430	ug/kg	U	U
NBPAHSB07A	Phenol	440	ug/kg	U	U
NBPAHSB07A	1,4-Dichlorobenzene	45	ug/kg	U	U
NBPAHSB07A	2-Chloronaphthalene	48	ug/kg	U	U

NBPAHSB07A	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSB07A	Hexachlorobenzene	54	ug/kg	U	U
NBPAHSB07A	Acenaphthene	55	ug/kg	U	U
NBPAHSB07A	1,2,4-Trichlorobenzene	57	ug/kg	U	U
NBPAHSB07A	Hexachloroethane	59	ug/kg	U	U
NBPAHSB07A	N-Nitrosodiphenylamine	61	ug/kg	U	U
NBPAHSB07A	2-Methylnaphthalene	70	ug/kg	U	U
NBPAHSB07A	2,6-Dinitrotoluene	72	ug/kg	U	U
NBPAHSB07A	Acenaphthylene	72	ug/kg	U	U
NBPAHSB07A	Bis(2-chloroethoxy)methane	72	ug/kg	U	U
NBPAHSB07A	2,4-Dinitrophenol	760	ug/kg	U	U
NBPAHSB07A	2,4-Dinitrotoluene	82	ug/kg	U	U
NBPAHSB07A	Butylbenzyl phthalate	86	ug/kg	U	U
NBPAHSB07A	2-Nitroaniline	93	ug/kg	U	U
NBPAHSB07A	Isophorone	98	ug/kg	U	U
NBPAHSB07A	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSB07A	Benzoic acid	1100	ug/kg	U	U
NBPAHSB07A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB07A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB07A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB07A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB07A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB07A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB07A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB07A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB07A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB07A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB07A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB07A	Pentachlorophenol	540	ug/kg	U	U
NBPAHSB07A	2-Methyl-4,6-dinitrophenol	540	ug/kg	U	U
NBPAHSB07A	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSB07A	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSB07A	Benzyl alcohol	290	ug/kg	U	U
NBPAHSB07A	Naphthalene	32	ug/kg	U	U
NBPAHSB07A	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSB07A	Fluoranthene	100	ug/kg		J
NBPAHSB07A	Phenanthrene	25	ug/kg	J	J
NBPAHSB07A	Bis(2-ethylhexyl) phthalate	31	ug/kg	J	U
NBPAHSB07A	Benzo(k)fluoranthene	36	ug/kg	J	J
NBPAHSB07A	Indeno(1,2,3-cd)pyrene	43	ug/kg		J
NBPAHSB07A	Benzo(g,h,i)perylene	49	ug/kg	J	J
NBPAHSB07A	Benzo(a)anthracene	50	ug/kg		J
NBPAHSB07A	Dimethyl phthalate	52	ug/kg	JB	U
NBPAHSB07A	Benzo(a)pyrene	54	ug/kg	J	J
NBPAHSB07A	Chrysene	60	ug/kg		J
NBPAHSB07A	Di-n-butyl phthalate	79	ug/kg	JB	U
NBPAHSB07A	Pyrene	80	ug/kg		J
NBPAHSB07A	Benzo(b)fluoranthene	95	ug/kg		J
NBPAHSB08A	Total Solids	92.6	%		
NBPAHSB08A	Benzo(k)fluoranthene	540	ug/kg	U V	U
NBPAHSB08A	Benzo(g,h,i)perylene	540	ug/kg	U V	U
NBPAHSB08A	Dibenzo(a,h)anthracene	540	ug/kg	U V	U

NBPAHSB08A	Benzo(a)pyrene	120	ug/kg	J V	J
NBPAHSB08A	Benzo(b)fluoranthene	200	ug/kg	J V	J
NBPAHSB08A	Indeno(1,2,3-cd)pyrene	62	ug/kg	J V	J
NBPAHSB08A	2,4-Dichlorophenol	350	ug/kg	U	U
NBPAHSB08A	1,2-Dichlorobenzene	35	ug/kg	U	U
NBPAHSB08A	4-Bromophenyl phenyl ether	37	ug/kg	U	U
NBPAHSB08A	2-Methylphenol	370	ug/kg	U	U
NBPAHSB08A	4-Methylphenol	380	ug/kg	U	U
NBPAHSB08A	2-Chlorophenol	380	ug/kg	U	U
NBPAHSB08A	2,4,5-Trichlorophenol	380	ug/kg	U	U
NBPAHSB08A	Fluorene	38	ug/kg	U	U
NBPAHSB08A	1,3-Dichlorobenzene	40	ug/kg	U	U
NBPAHSB08A	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U
NBPAHSB08A	2-Nitrophenol	430	ug/kg	U	U
NBPAHSB08A	Phenol	440	ug/kg	U	U
NBPAHSB08A	1,4-Dichlorobenzene	45	ug/kg	U	U
NBPAHSB08A	2-Chloronaphthalene	49	ug/kg	U	U
NBPAHSB08A	Bis(2-chloroethyl) ether	50	ug/kg	U	U
NBPAHSB08A	Hexachlorobenzene	54	ug/kg	U	U
NBPAHSB08A	Acenaphthene	55	ug/kg	U	U
NBPAHSB08A	1,2,4-Trichlorobenzene	57	ug/kg	U	U
NBPAHSB08A	Hexachloroethane	59	ug/kg	U	U
NBPAHSB08A	N-Nitrosodiphenylamine	62	ug/kg	U	U
NBPAHSB08A	2-Methylnaphthalene	70	ug/kg	U	U
NBPAHSB08A	2,6-Dinitrotoluene	72	ug/kg	U	U
NBPAHSB08A	Acenaphthylene	72	ug/kg	U	U
NBPAHSB08A	Bis(2-chloroethoxy)methane	72	ug/kg	U	U
NBPAHSB08A	2,4-Dinitrophenol	770	ug/kg	U	U
NBPAHSB08A	2,4-Dinitrotoluene	82	ug/kg	U	U
NBPAHSB08A	Butylbenzyl phthalate	86	ug/kg	U	U
NBPAHSB08A	2-Nitroaniline	94	ug/kg	U	U
NBPAHSB08A	Isophorone	98	ug/kg	U	U
NBPAHSB08A	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSB08A	Benzoic acid	1100	ug/kg	U	U
NBPAHSB08A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB08A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB08A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB08A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB08A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB08A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB08A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB08A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB08A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB08A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB08A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB08A	Pentachlorophenol	540	ug/kg	U	U
NBPAHSB08A	2-Methyl-4,6-dinitrophenol	540	ug/kg	U	U
NBPAHSB08A	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSB08A	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSB08A	Benzyl alcohol	290	ug/kg	U	U
NBPAHSB08A	Naphthalene	32	ug/kg	U	U
NBPAHSB08A	4-Chloro-3-methylphenol	340	ug/kg	U	U

NBPAHSB08A	Anthracene	11	ug/kg	J	J
NBPAHSB08A	Benzo(a)anthracene	120	ug/kg		
NBPAHSB08A	Chrysene	180	ug/kg		
NBPAHSB08A	Pyrene	240	ug/kg		
NBPAHSB08A	Fluoranthene	310	ug/kg		
NBPAHSB08A	Bis(2-ethylhexyl) phthalate	35	ug/kg	J	U
NBPAHSB08A	Dimethyl phthalate	55	ug/kg	JB	U
NBPAHSB08A	Di-n-butyl phthalate	77	ug/kg	JB	U
NBPAHSB08A	Phenanthrene	97	ug/kg		J
NBPAHSB09A	Total Solids	94.7	%		
NBPAHSB09A	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSB09A	Anthracene	35	ug/kg	U	U
NBPAHSB09A	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSB09A	2-Methylphenol	360	ug/kg	U	U
NBPAHSB09A	4-Methylphenol	370	ug/kg	U	U
NBPAHSB09A	2-Chlorophenol	370	ug/kg	U	U
NBPAHSB09A	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSB09A	Fluorene	37	ug/kg	U	U
NBPAHSB09A	Benzo(b)fluoranthene	38	ug/kg	U	U
NBPAHSB09A	Dibenzo(a,h)anthracene	38	ug/kg	U	U
NBPAHSB09A	Pyrene	38	ug/kg	U	U
NBPAHSB09A	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSB09A	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSB09A	Phenanthrene	40	ug/kg	U	U
NBPAHSB09A	2-Nitrophenol	420	ug/kg	U	U
NBPAHSB09A	Chrysene	42	ug/kg	U	U
NBPAHSB09A	Phenol	440	ug/kg	U	U
NBPAHSB09A	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSB09A	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSB09A	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSB09A	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSB09A	Acenaphthene	54	ug/kg	U	U
NBPAHSB09A	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSB09A	Hexachloroethane	58	ug/kg	U	U
NBPAHSB09A	N-Nitrosodiphenylamine	60	ug/kg	U	U
NBPAHSB09A	Benzo(a)pyrene	67	ug/kg	U	U
NBPAHSB09A	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSB09A	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSB09A	Acenaphthylene	71	ug/kg	U	U
NBPAHSB09A	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSB09A	Fluoranthene	73	ug/kg	U	U
NBPAHSB09A	Benzo(k)fluoranthene	74	ug/kg	U	U
NBPAHSB09A	2,4-Dinitrophenol	750	ug/kg	U	U
NBPAHSB09A	2,4-Dinitrotoluene	80	ug/kg	U	U
NBPAHSB09A	Butylbenzyl phthalate	84	ug/kg	U	U
NBPAHSB09A	Benzo(g,h,i)perylene	87	ug/kg	U	U
NBPAHSB09A	2-Nitroaniline	92	ug/kg	U	U
NBPAHSB09A	Isophorone	96	ug/kg	U	U
NBPAHSB09A	3,3'-Dichlorobenzidine	990	ug/kg	U	U
NBPAHSB09A	Bis(2-ethylhexyl) phthalate	98	ug/kg	U	U
NBPAHSB09A	Benzoic acid	1000	ug/kg	U	U
NBPAHSB09A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U

NBPAHSB09A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB09A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB09A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB09A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB09A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB09A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB09A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB09A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB09A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB09A	Di-n-butyl phthalate	150	ug/kg	U	U
NBPAHSB09A	4-Chloroaniline	230	ug/kg	U	U
NBPAHSB09A	Pentachlorophenol	530	ug/kg	U	U
NBPAHSB09A	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSB09A	Indeno(1,2,3-cd)pyrene	30	ug/kg	U	U
NBPAHSB09A	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSB09A	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSB09A	Benzyl alcohol	290	ug/kg	U	U
NBPAHSB09A	Benzo(a)anthracene	31	ug/kg	U	U
NBPAHSB09A	Naphthalene	32	ug/kg	U	U
NBPAHSB09A	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSB09A	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSB09A	Dimethyl phthalate	50	ug/kg	JB	U
NBPAHSB12A	Total Solids	95.9	%		
NBPAHSB12A	Benzo(k)fluoranthene	520	ug/kg	U V	U
NBPAHSB12A	Benzo(g,h,i)perylene	520	ug/kg	U V	U
NBPAHSB12A	Indeno(1,2,3-cd)pyrene	520	ug/kg	U V	U
NBPAHSB12A	Benzo(b)fluoranthene	520	ug/kg	U V	U
NBPAHSB12A	Dibenzo(a,h)anthracene	520	ug/kg	U V	U
NBPAHSB12A	Benzo(a)pyrene	520	ug/kg	U V	U
NBPAHSB12A	1,2-Dichlorobenzene	33	ug/kg	U	U
NBPAHSB12A	Anthracene	34	ug/kg	U	U
NBPAHSB12A	4-Bromophenyl phenyl ether	35	ug/kg	U	U
NBPAHSB12A	Fluorene	36	ug/kg	U	U
NBPAHSB12A	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSB12A	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSB12A	2-Methylphenol	350	ug/kg	U	U
NBPAHSB12A	4-Methylphenol	360	ug/kg	U	U
NBPAHSB12A	2-Chlorophenol	360	ug/kg	U	U
NBPAHSB12A	2,4,5-Trichlorophenol	360	ug/kg	U	U
NBPAHSB12A	2-Nitrophenol	420	ug/kg	U	U
NBPAHSB12A	Phenol	430	ug/kg	U	U
NBPAHSB12A	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSB12A	2-Chloronaphthalene	47	ug/kg	U	U
NBPAHSB12A	Bis(2-chloroethyl) ether	48	ug/kg	U	U
NBPAHSB12A	Hexachlorobenzene	52	ug/kg	U	U
NBPAHSB12A	Acenaphthene	53	ug/kg	U	U
NBPAHSB12A	1,2,4-Trichlorobenzene	55	ug/kg	U	U
NBPAHSB12A	Hexachloroethane	57	ug/kg	U	U
NBPAHSB12A	N-Nitrosodiphenylamine	59	ug/kg	U	U
NBPAHSB12A	2-Methylnaphthalene	68	ug/kg	U	U
NBPAHSB12A	2,6-Dinitrotoluene	70	ug/kg	U	U
NBPAHSB12A	Acenaphthylene	70	ug/kg	U	U

NBPAHSB12A	Bis(2-chloroethoxy)methane	70	ug/kg	U	U
NBPAHSB12A	2,4-Dinitrophenol	740	ug/kg	U	U
NBPAHSB12A	2,4-Dinitrotoluene	79	ug/kg	U	U
NBPAHSB12A	Butylbenzyl phthalate	83	ug/kg	U	U
NBPAHSB12A	2-Nitroaniline	91	ug/kg	U	U
NBPAHSB12A	Isophorone	95	ug/kg	U	U
NBPAHSB12A	3,3'-Dichlorobenzidine	970	ug/kg	U	U
NBPAHSB12A	Benzoic acid	1000	ug/kg	U	U
NBPAHSB12A	N-Nitroso-di-n-propylamine	110	ug/kg	U	U
NBPAHSB12A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB12A	4-Chlorophenyl phenyl ether	110	ug/kg	U	U
NBPAHSB12A	4-Nitroaniline	110	ug/kg	U	U
NBPAHSB12A	3-Nitroaniline	110	ug/kg	U	U
NBPAHSB12A	4-Nitrophenol	1100	ug/kg	U	U
NBPAHSB12A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB12A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB12A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB12A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB12A	4-Chloroaniline	230	ug/kg	U	U
NBPAHSB12A	Pentachlorophenol	520	ug/kg	U	U
NBPAHSB12A	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	U
NBPAHSB12A	2,4,6-Trichlorophenol	270	ug/kg	U	U
NBPAHSB12A	2,4-Dimethylphenol	270	ug/kg	U	U
NBPAHSB12A	Benzyl alcohol	280	ug/kg	U	U
NBPAHSB12A	Naphthalene	31	ug/kg	U	U
NBPAHSB12A	4-Chloro-3-methylphenol	320	ug/kg	U	U
NBPAHSB12A	2,4-Dichlorophenol	330	ug/kg	U	U
NBPAHSB12A	Benzo(a)anthracene	39	ug/kg		J
NBPAHSB12A	Bis(2-ethylhexyl) phthalate	39	ug/kg	J	U
NBPAHSB12A	Phenanthrene	40	ug/kg		J
NBPAHSB12A	Chrysene	41	ug/kg	J	J
NBPAHSB12A	Dimethyl phthalate	47	ug/kg	JB	U
NBPAHSB12A	Pyrene	76	ug/kg		J
NBPAHSB12A	Fluoranthene	81	ug/kg		J
NBPAHSB12A	Di-n-butyl phthalate	83	ug/kg	JB	U
NBPAHSB13A	Total Solids	91.8	%		
NBPAHSB13A	2,4-Dichlorophenol	350	ug/kg	U	U
NBPAHSB13A	1,2-Dichlorobenzene	35	ug/kg	U	U
NBPAHSB13A	Anthracene	36	ug/kg	U	U
NBPAHSB13A	4-Bromophenyl phenyl ether	37	ug/kg	U	U
NBPAHSB13A	2-Methylphenol	370	ug/kg	U	U
NBPAHSB13A	4-Methylphenol	380	ug/kg	U	U
NBPAHSB13A	2-Chlorophenol	380	ug/kg	U	U
NBPAHSB13A	2,4,5-Trichlorophenol	380	ug/kg	U	U
NBPAHSB13A	Fluorene	38	ug/kg	U	U
NBPAHSB13A	Benzo(b)fluoranthene	39	ug/kg	U	U
NBPAHSB13A	Dibenzo(a,h)anthracene	39	ug/kg	U	U
NBPAHSB13A	Pyrene	39	ug/kg	U	U
NBPAHSB13A	1,3-Dichlorobenzene	40	ug/kg	U	U
NBPAHSB13A	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U
NBPAHSB13A	Phenanthrene	41	ug/kg	U	U
NBPAHSB13A	Chrysene	44	ug/kg	U	U

NBPAHSB13A	2-Nitrophenol	440	ug/kg	U	U
NBPAHSB13A	Phenol	450	ug/kg	U	U
NBPAHSB13A	1,4-Dichlorobenzene	46	ug/kg	U	U
NBPAHSB13A	2-Chloronaphthalene	49	ug/kg	U	U
NBPAHSB13A	Bis(2-chloroethyl) ether	50	ug/kg	U	U
NBPAHSB13A	Hexachlorobenzene	54	ug/kg	U	U
NBPAHSB13A	Acenaphthene	56	ug/kg	U	U
NBPAHSB13A	1,2,4-Trichlorobenzene	58	ug/kg	U	U
NBPAHSB13A	Hexachloroethane	60	ug/kg	U	U
NBPAHSB13A	N-Nitrosodiphenylamine	62	ug/kg	U	U
NBPAHSB13A	Benzo(a)pyrene	69	ug/kg	U	U
NBPAHSB13A	2-Methylnaphthalene	71	ug/kg	U	U
NBPAHSB13A	2,6-Dinitrotoluene	73	ug/kg	U	U
NBPAHSB13A	Acenaphthylene	73	ug/kg	U	U
NBPAHSB13A	Bis(2-chloroethoxy)methane	73	ug/kg	U	U
NBPAHSB13A	Fluoranthene	75	ug/kg	U	U
NBPAHSB13A	Benzo(k)fluoranthene	76	ug/kg	U	U
NBPAHSB13A	2,4-Dinitrophenol	770	ug/kg	U	U
NBPAHSB13A	2,4-Dinitrotoluene	83	ug/kg	U	U
NBPAHSB13A	Butylbenzyl phthalate	87	ug/kg	U	U
NBPAHSB13A	Benzo(g,h,i)perylene	89	ug/kg	U	U
NBPAHSB13A	2-Nitroaniline	95	ug/kg	U	U
NBPAHSB13A	Isophorone	99	ug/kg	U	U
NBPAHSB13A	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSB13A	Bis(2-ethylhexyl) phthalate	110	ug/kg	U	U
NBPAHSB13A	Benzoic acid	1100	ug/kg	U	U
NBPAHSB13A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB13A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB13A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB13A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB13A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB13A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB13A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB13A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB13A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB13A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB13A	Di-n-butyl phthalate	150	ug/kg	U	U
NBPAHSB13A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB13A	Pentachlorophenol	550	ug/kg	U	U
NBPAHSB13A	2-Methyl-4,6-dinitrophenol	550	ug/kg	U	U
NBPAHSB13A	Indeno(1,2,3-cd)pyrene	31	ug/kg	U	U
NBPAHSB13A	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSB13A	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSB13A	Benzyl alcohol	290	ug/kg	U	U
NBPAHSB13A	Benzo(a)anthracene	32	ug/kg	U	U
NBPAHSB13A	Naphthalene	33	ug/kg	U	U
NBPAHSB13A	4-Chloro-3-methylphenol	340	ug/kg	U	U
NBPAHSB13A	Dimethyl phthalate	75	ug/kg	JB	U
NBPAHSB14A	Total Solids	89.9	%		
NBPAHSB14A	Benzo(a)anthracene	32	ug/kg	U	U
NBPAHSB14A	Naphthalene	33	ug/kg	U	U
NBPAHSB14A	4-Chloro-3-methylphenol	350	ug/kg	U	U

NBPAHSB14A	2,4-Dichlorophenol	360	ug/kg	U	U
NBPAHSB14A	1,2-Dichlorobenzene	36	ug/kg	U	U
NBPAHSB14A	Anthracene	37	ug/kg	U	U
NBPAHSB14A	4-Bromophenyl phenyl ether	38	ug/kg	U	U
NBPAHSB14A	2-Methylphenol	380	ug/kg	U	U
NBPAHSB14A	Fluorene	39	ug/kg	U	U
NBPAHSB14A	Benzo(b)fluoranthene	40	ug/kg	U	U
NBPAHSB14A	Dibenzo(a,h)anthracene	40	ug/kg	U	U
NBPAHSB14A	Pyrene	40	ug/kg	U	U
NBPAHSB14A	1,3-Dichlorobenzene	41	ug/kg	U	U
NBPAHSB14A	Bis(2-chloroisopropyl) ether	42	ug/kg	U	U
NBPAHSB14A	Phenanthrene	42	ug/kg	U	U
NBPAHSB14A	4-Methylphenol	390	ug/kg	U	U
NBPAHSB14A	2-Chlorophenol	390	ug/kg	U	U
NBPAHSB14A	2,4,5-Trichlorophenol	390	ug/kg	U	U
NBPAHSB14A	Chrysene	44	ug/kg	U	U
NBPAHSB14A	2-Nitrophenol	450	ug/kg	U	U
NBPAHSB14A	1,4-Dichlorobenzene	47	ug/kg	U	U
NBPAHSB14A	2-Chloronaphthalene	50	ug/kg	U	U
NBPAHSB14A	Phenol	460	ug/kg	U	U
NBPAHSB14A	Bis(2-chloroethyl) ether	51	ug/kg	U	U
NBPAHSB14A	Hexachlorobenzene	56	ug/kg	U	U
NBPAHSB14A	Acenaphthene	57	ug/kg	U	U
NBPAHSB14A	1,2,4-Trichlorobenzene	59	ug/kg	U	U
NBPAHSB14A	Hexachloroethane	61	ug/kg	U	U
NBPAHSB14A	N-Nitrosodiphenylamine	63	ug/kg	U	U
NBPAHSB14A	Benzo(a)pyrene	70	ug/kg	U	U
NBPAHSB14A	2-Methylnaphthalene	72	ug/kg	U	U
NBPAHSB14A	2,6-Dinitrotoluene	75	ug/kg	U	U
NBPAHSB14A	Acenaphthylene	75	ug/kg	U	U
NBPAHSB14A	Bis(2-chloroethoxy)methane	75	ug/kg	U	U
NBPAHSB14A	Fluoranthene	77	ug/kg	U	U
NBPAHSB14A	Benzo(k)fluoranthene	78	ug/kg	U	U
NBPAHSB14A	2,4-Dinitrophenol	790	ug/kg	U	U
NBPAHSB14A	2,4-Dinitrotoluene	85	ug/kg	U	U
NBPAHSB14A	Butylbenzyl phthalate	89	ug/kg	U	U
NBPAHSB14A	Benzo(g,h,i)perylene	91	ug/kg	U	U
NBPAHSB14A	2-Nitroaniline	97	ug/kg	U	U
NBPAHSB14A	Isophorone	110	ug/kg	U	U
NBPAHSB14A	Bis(2-ethylhexyl) phthalate	110	ug/kg	U	U
NBPAHSB14A	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSB14A	Benzoic acid	1100	ug/kg	U	U
NBPAHSB14A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB14A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB14A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB14A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB14A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB14A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB14A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB14A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB14A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB14A	Nitrobenzene	160	ug/kg	U	U

NBPAHSB14A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB14A	Pentachlorophenol	560	ug/kg	U	U
NBPAHSB14A	2-Methyl-4,6-dinitrophenol	560	ug/kg	U	U
NBPAHSB14A	Indeno(1,2,3-cd)pyrene	31	ug/kg	U	U
NBPAHSB14A	2,4,6-Trichlorophenol	290	ug/kg	U	U
NBPAHSB14A	2,4-Dimethylphenol	290	ug/kg	U	U
NBPAHSB14A	Benzyl alcohol	300	ug/kg	U	U
NBPAHSB14A	Dimethyl phthalate	46	ug/kg	JB	U
NBPAHSB14A	Di-n-butyl phthalate	48	ug/kg	JB	U
NBPAHSB15A	Total Solids	91.9	%		
NBPAHSB15A	2,4-Dichlorophenol	350	ug/kg	U	U
NBPAHSB15A	1,2-Dichlorobenzene	35	ug/kg	U	U
NBPAHSB15A	Anthracene	36	ug/kg	U	U
NBPAHSB15A	4-Bromophenyl phenyl ether	37	ug/kg	U	U
NBPAHSB15A	2-Methylphenol	370	ug/kg	U	U
NBPAHSB15A	4-Methylphenol	380	ug/kg	U	U
NBPAHSB15A	2-Chlorophenol	380	ug/kg	U	U
NBPAHSB15A	2,4,5-Trichlorophenol	380	ug/kg	U	U
NBPAHSB15A	Fluorene	38	ug/kg	U	U
NBPAHSB15A	Benzo(b)fluoranthene	39	ug/kg	U	U
NBPAHSB15A	Dibenzo(a,h)anthracene	39	ug/kg	U	U
NBPAHSB15A	Pyrene	39	ug/kg	U	U
NBPAHSB15A	1,3-Dichlorobenzene	40	ug/kg	U	U
NBPAHSB15A	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U
NBPAHSB15A	Phenanthrene	41	ug/kg	U	U
NBPAHSB15A	Chrysene	44	ug/kg	U	U
NBPAHSB15A	2-Nitrophenol	440	ug/kg	U	U
NBPAHSB15A	Phenol	450	ug/kg	U	U
NBPAHSB15A	1,4-Dichlorobenzene	46	ug/kg	U	U
NBPAHSB15A	2-Chloronaphthalene	49	ug/kg	U	U
NBPAHSB15A	Bis(2-chloroethyl) ether	50	ug/kg	U	U
NBPAHSB15A	Hexachlorobenzene	54	ug/kg	U	U
NBPAHSB15A	Acenaphthene	55	ug/kg	U	U
NBPAHSB15A	1,2,4-Trichlorobenzene	58	ug/kg	U	U
NBPAHSB15A	Hexachloroethane	60	ug/kg	U	U
NBPAHSB15A	N-Nitrosodiphenylamine	62	ug/kg	U	U
NBPAHSB15A	Benzo(a)pyrene	69	ug/kg	U	U
NBPAHSB15A	2-Methylnaphthalene	71	ug/kg	U	U
NBPAHSB15A	2,6-Dinitrotoluene	73	ug/kg	U	U
NBPAHSB15A	Acenaphthylene	73	ug/kg	U	U
NBPAHSB15A	Bis(2-chloroethoxy)methane	73	ug/kg	U	U
NBPAHSB15A	Fluoranthene	75	ug/kg	U	U
NBPAHSB15A	Benzo(k)fluoranthene	76	ug/kg	U	U
NBPAHSB15A	2,4-Dinitrophenol	770	ug/kg	U	U
NBPAHSB15A	2,4-Dinitrotoluene	83	ug/kg	U	U
NBPAHSB15A	Butylbenzyl phthalate	87	ug/kg	U	U
NBPAHSB15A	Benzo(g,h,i)perylene	89	ug/kg	U	U
NBPAHSB15A	2-Nitroaniline	95	ug/kg	U	U
NBPAHSB15A	Isophorone	99	ug/kg	U	U
NBPAHSB15A	Bis(2-ethylhexyl) phthalate	110	ug/kg	U	U
NBPAHSB15A	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSB15A	Benzoic acid	1100	ug/kg	U	U

NBPAHSB15A	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSB15A	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSB15A	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSB15A	4-Nitroaniline	120	ug/kg	U	U
NBPAHSB15A	3-Nitroaniline	120	ug/kg	U	U
NBPAHSB15A	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSB15A	Dibenzofuran	140	ug/kg	U	U
NBPAHSB15A	Diethyl phthalate	140	ug/kg	U	U
NBPAHSB15A	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSB15A	Nitrobenzene	150	ug/kg	U	U
NBPAHSB15A	4-Chloroaniline	240	ug/kg	U	U
NBPAHSB15A	Pentachlorophenol	540	ug/kg	U	U
NBPAHSB15A	2-Methyl-4,6-dinitrophenol	540	ug/kg	U	U
NBPAHSB15A	Indeno(1,2,3-cd)pyrene	30	ug/kg	U	U
NBPAHSB15A	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSB15A	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSB15A	Benzyl alcohol	290	ug/kg	U	U
NBPAHSB15A	Benzo(a)anthracene	32	ug/kg	U	U
NBPAHSB15A	Naphthalene	33	ug/kg	U	U
NBPAHSB15A	4-Chloro-3-methylphenol	340	ug/kg	U	U
NBPAHSB15A	Dimethyl phthalate	42	ug/kg	JB	U
NBPAHSB15A	Di-n-butyl phthalate	53	ug/kg	JB	U
NBPAHSS01	Total Solids	94.5	%		
NBPAHSS01	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSS01	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSS01	2-Methylphenol	360	ug/kg	U	U
NBPAHSS01	4-Methylphenol	370	ug/kg	U	U
NBPAHSS01	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS01	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS01	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS01	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSS01	2-Nitrophenol	420	ug/kg	U	U
NBPAHSS01	Phenol	430	ug/kg	U	U
NBPAHSS01	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSS01	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSS01	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSS01	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSS01	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSS01	Hexachloroethane	58	ug/kg	U	U
NBPAHSS01	N-Nitrosodiphenylamine	60	ug/kg	U	U
NBPAHSS01	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSS01	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSS01	2,4-Dinitrophenol	750	ug/kg	U	U
NBPAHSS01	2,4-Dinitrotoluene	80	ug/kg	U	U
NBPAHSS01	Butylbenzyl phthalate	85	ug/kg	U	U
NBPAHSS01	2-Nitroaniline	92	ug/kg	U	U
NBPAHSS01	Isophorone	96	ug/kg	U	U
NBPAHSS01	3,3'-Dichlorobenzidine	980	ug/kg	U	U
NBPAHSS01	Bis(2-ethylhexyl) phthalate	98	ug/kg	U	U
NBPAHSS01	Benzoic acid	1000	ug/kg	U	U
NBPAHSS01	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS01	Hexachlorobutadiene	110	ug/kg	U	U

NBPAHSS01	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS01	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS01	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS01	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS01	Dibenzofuran	140	ug/kg	U	U
NBPAHSS01	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS01	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS01	Nitrobenzene	150	ug/kg	U	U
NBPAHSS01	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS01	Pentachlorophenol	530	ug/kg	U	U
NBPAHSS01	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSS01	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSS01	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSS01	Benzyl alcohol	290	ug/kg	U	U
NBPAHSS01	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSS01	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS01	Benzo(k)fluoranthene	1300	ug/kg		
NBPAHSS01	Benzo(a)anthracene	1600	ug/kg		
NBPAHSS01	Anthracene	190	ug/kg		
NBPAHSS01	Phenanthrene	1900	ug/kg		
NBPAHSS01	Dibenzo(a,h)anthracene	210	ug/kg		
NBPAHSS01	Acenaphthene	24	ug/kg	J	J
NBPAHSS01	Benzo(a)pyrene	2500	ug/kg		
NBPAHSS01	Chrysene	2600	ug/kg		
NBPAHSS01	Benzo(b)fluoranthene	3400	ug/kg		
NBPAHSS01	Fluoranthene	3700	ug/kg		
NBPAHSS01	Acenaphthylene	410	ug/kg		
NBPAHSS01	2-Methylnaphthalene	45	ug/kg	J	J
NBPAHSS01	Pyrene	4800	ug/kg		
NBPAHSS01	Dimethyl phthalate	62	ug/kg	JB	U
NBPAHSS01	Indeno(1,2,3-cd)pyrene	640	ug/kg		
NBPAHSS01	Fluorene	66	ug/kg		J
NBPAHSS01	Benzo(g,h,i)perylene	760	ug/kg		
NBPAHSS01	Naphthalene	87	ug/kg		U
NBPAHSS01	Di-n-butyl phthalate	89	ug/kg	JB	U
NBPAHSS010	Total Solids	93.7	%		
NBPAHSS010	Benzo(a)pyrene	530	ug/kg	U V	U
NBPAHSS010	Benzo(k)fluoranthene	530	ug/kg	U V	U
NBPAHSS010	Benzo(g,h,i)perylene	530	ug/kg	U V	U
NBPAHSS010	Indeno(1,2,3-cd)pyrene	530	ug/kg	U V	U
NBPAHSS010	Benzo(b)fluoranthene	530	ug/kg	U V	U
NBPAHSS010	Dibenzo(a,h)anthracene	530	ug/kg	U V	U
NBPAHSS010	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSS010	Anthracene	35	ug/kg	U	U
NBPAHSS010	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSS010	2-Methylphenol	360	ug/kg	U	U
NBPAHSS010	4-Methylphenol	370	ug/kg	U	U
NBPAHSS010	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS010	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS010	Fluorene	37	ug/kg	U	U
NBPAHSS010	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS010	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U

NBPAHSS010	Phenanthrene	41	ug/kg	U	U
NBPAHSS010	Chrysene	43	ug/kg	U	U
NBPAHSS010	2-Nitrophenol	430	ug/kg	U	U
NBPAHSS010	Phenol	440	ug/kg	U	U
NBPAHSS010	1,4-Dichlorobenzene	45	ug/kg	U	U
NBPAHSS010	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSS010	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSS010	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSS010	Acenaphthene	54	ug/kg	U	U
NBPAHSS010	1,2,4-Trichlorobenzene	57	ug/kg	U	U
NBPAHSS010	Hexachloroethane	59	ug/kg	U	U
NBPAHSS010	N-Nitrosodiphenylamine	61	ug/kg	U	U
NBPAHSS010	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSS010	2,6-Dinitrotoluene	72	ug/kg	U	U
NBPAHSS010	Acenaphthylene	72	ug/kg	U	U
NBPAHSS010	Bis(2-chloroethoxy)methane	72	ug/kg	U	U
NBPAHSS010	Fluoranthene	74	ug/kg	U	U
NBPAHSS010	2,4-Dinitrophenol	760	ug/kg	U	U
NBPAHSS010	2,4-Dinitrotoluene	81	ug/kg	U	U
NBPAHSS010	Butylbenzyl phthalate	85	ug/kg	U	U
NBPAHSS010	2-Nitroaniline	93	ug/kg	U	U
NBPAHSS010	Isophorone	97	ug/kg	U	U
NBPAHSS010	3,3'-Dichlorobenzidine	990	ug/kg	U	U
NBPAHSS010	Benzoic acid	1000	ug/kg	U	U
NBPAHSS010	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS010	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS010	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS010	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS010	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS010	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS010	Dibenzofuran	140	ug/kg	U	U
NBPAHSS010	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS010	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS010	Nitrobenzene	150	ug/kg	U	U
NBPAHSS010	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS010	Pentachlorophenol	530	ug/kg	U	U
NBPAHSS010	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSS010	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSS010	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSS010	Benzyl alcohol	290	ug/kg	U	U
NBPAHSS010	Benzo(a)anthracene	31	ug/kg	U	U
NBPAHSS010	Naphthalene	32	ug/kg	U	U
NBPAHSS010	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSS010	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS010	Pyrene	14	ug/kg	J	J
NBPAHSS010	Bis(2-ethylhexyl) phthalate	34	ug/kg	J	U
NBPAHSS010	Di-n-butyl phthalate	58	ug/kg	JB	U
NBPAHSS010	Dimethyl phthalate	70	ug/kg	JB	U
NBPAHSS011	Total Solids	94.5	%		
NBPAHSS011	Benzo(a)pyrene	530	ug/kg	U V	U
NBPAHSS011	Benzo(k)fluoranthene	530	ug/kg	U V	U
NBPAHSS011	Benzo(g,h,i)perylene	530	ug/kg	U V	U

NBPAHSS011	Indeno(1,2,3-cd)pyrene	530	ug/kg	U V	U
NBPAHSS011	Benzo(b)fluoranthene	530	ug/kg	U V	U
NBPAHSS011	Dibenzo(a,h)anthracene	530	ug/kg	U V	U
NBPAHSS011	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSS011	Anthracene	35	ug/kg	U	U
NBPAHSS011	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSS011	2-Methylphenol	360	ug/kg	U	U
NBPAHSS011	4-Methylphenol	370	ug/kg	U	U
NBPAHSS011	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS011	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS011	Fluorene	37	ug/kg	U	U
NBPAHSS011	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS011	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSS011	2-Nitrophenol	420	ug/kg	U	U
NBPAHSS011	Phenol	440	ug/kg	U	U
NBPAHSS011	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSS011	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSS011	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSS011	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSS011	Acenaphthene	54	ug/kg	U	U
NBPAHSS011	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSS011	Hexachloroethane	58	ug/kg	U	U
NBPAHSS011	N-Nitrosodiphenylamine	60	ug/kg	U	U
NBPAHSS011	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSS011	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSS011	Acenaphthylene	71	ug/kg	U	U
NBPAHSS011	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSS011	2,4-Dinitrophenol	750	ug/kg	U	U
NBPAHSS011	2,4-Dinitrotoluene	80	ug/kg	U	U
NBPAHSS011	Butylbenzyl phthalate	85	ug/kg	U	U
NBPAHSS011	2-Nitroaniline	92	ug/kg	U	U
NBPAHSS011	Isophorone	96	ug/kg	U	U
NBPAHSS011	3,3'-Dichlorobenzidine	990	ug/kg	U	U
NBPAHSS011	Benzoic acid	1000	ug/kg	U	U
NBPAHSS011	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS011	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS011	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS011	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS011	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS011	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS011	Dibenzofuran	140	ug/kg	U	U
NBPAHSS011	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS011	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS011	Nitrobenzene	150	ug/kg	U	U
NBPAHSS011	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS011	Pentachlorophenol	530	ug/kg	U	U
NBPAHSS011	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSS011	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSS011	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSS011	Benzyl alcohol	290	ug/kg	U	U
NBPAHSS011	Naphthalene	32	ug/kg	U	U
NBPAHSS011	4-Chloro-3-methylphenol	330	ug/kg	U	U

NBPAHSS011	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS011	Phenanthrene	28	ug/kg	J	J
NBPAHSS011	Bis(2-ethylhexyl) phthalate	32	ug/kg	J	U
NBPAHSS011	Benzo(a)anthracene	40	ug/kg		J
NBPAHSS011	Chrysene	51	ug/kg		J
NBPAHSS011	Di-n-butyl phthalate	59	ug/kg	JB	U
NBPAHSS011	Dimethyl phthalate	64	ug/kg	JB	U
NBPAHSS011	Pyrene	67	ug/kg		J
NBPAHSS011	Fluoranthene	83	ug/kg		J
NBPAHSS012	Total Solids	96.1	%		
NBPAHSS012	Benzo(k)fluoranthene	520	ug/kg	U V	U
NBPAHSS012	Benzo(g,h,i)perylene	520	ug/kg	U V	U
NBPAHSS012	Indeno(1,2,3-cd)pyrene	520	ug/kg	U V	U
NBPAHSS012	Dibenzo(a,h)anthracene	520	ug/kg	U V	U
NBPAHSS012	Benzo(a)pyrene	520	ug/kg	U V	U
NBPAHSS012	Benzo(b)fluoranthene	120	ug/kg	J V	J
NBPAHSS012	1,2-Dichlorobenzene	33	ug/kg	U	U
NBPAHSS012	Anthracene	34	ug/kg	U	U
NBPAHSS012	4-Bromophenyl phenyl ether	35	ug/kg	U	U
NBPAHSS012	Fluorene	36	ug/kg	U	U
NBPAHSS012	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS012	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSS012	2-Methylphenol	360	ug/kg	U	U
NBPAHSS012	4-Methylphenol	370	ug/kg	U	U
NBPAHSS012	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS012	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS012	2-Nitrophenol	420	ug/kg	U	U
NBPAHSS012	Phenol	430	ug/kg	U	U
NBPAHSS012	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSS012	2-Chloronaphthalene	47	ug/kg	U	U
NBPAHSS012	Bis(2-chloroethyl) ether	48	ug/kg	U	U
NBPAHSS012	Hexachlorobenzene	52	ug/kg	U	U
NBPAHSS012	Acenaphthene	53	ug/kg	U	U
NBPAHSS012	1,2,4-Trichlorobenzene	55	ug/kg	U	U
NBPAHSS012	Hexachloroethane	57	ug/kg	U	U
NBPAHSS012	N-Nitrosodiphenylamine	59	ug/kg	U	U
NBPAHSS012	2-Methylnaphthalene	68	ug/kg	U	U
NBPAHSS012	2,6-Dinitrotoluene	70	ug/kg	U	U
NBPAHSS012	Acenaphthylene	70	ug/kg	U	U
NBPAHSS012	Bis(2-chloroethoxy)methane	70	ug/kg	U	U
NBPAHSS012	2,4-Dinitrophenol	740	ug/kg	U	U
NBPAHSS012	2,4-Dinitrotoluene	79	ug/kg	U	U
NBPAHSS012	Butylbenzyl phthalate	83	ug/kg	U	U
NBPAHSS012	2-Nitroaniline	91	ug/kg	U	U
NBPAHSS012	Isophorone	95	ug/kg	U	U
NBPAHSS012	3,3'-Dichlorobenzidine	970	ug/kg	U	U
NBPAHSS012	Benzoic acid	1000	ug/kg	U	U
NBPAHSS012	N-Nitroso-di-n-propylamine	110	ug/kg	U	U
NBPAHSS012	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS012	4-Chlorophenyl phenyl ether	110	ug/kg	U	U
NBPAHSS012	4-Nitroaniline	110	ug/kg	U	U
NBPAHSS012	3-Nitroaniline	110	ug/kg	U	U

NBPAHSS012	4-Nitrophenol	1100	ug/kg	U	U
NBPAHSS012	Dibenzofuran	140	ug/kg	U	U
NBPAHSS012	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS012	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS012	Nitrobenzene	150	ug/kg	U	U
NBPAHSS012	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS012	Pentachlorophenol	520	ug/kg	U	U
NBPAHSS012	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	U
NBPAHSS012	2,4,6-Trichlorophenol	270	ug/kg	U	U
NBPAHSS012	2,4-Dimethylphenol	270	ug/kg	U	U
NBPAHSS012	Benzyl alcohol	280	ug/kg	U	U
NBPAHSS012	Naphthalene	31	ug/kg	U	U
NBPAHSS012	4-Chloro-3-methylphenol	320	ug/kg	U	U
NBPAHSS012	2,4-Dichlorophenol	330	ug/kg	U	U
NBPAHSS012	Fluoranthene	120	ug/kg		
NBPAHSS012	Pyrene	160	ug/kg		
NBPAHSS012	Chrysene	160	ug/kg		
NBPAHSS012	Phenanthrene	19	ug/kg	J	J
NBPAHSS012	Dimethyl phthalate	45	ug/kg	JB	U
NBPAHSS012	Bis(2-ethylhexyl) phthalate	63	ug/kg	J	U
NBPAHSS012	Di-n-butyl phthalate	72	ug/kg	JB	U
NBPAHSS012	Benzo(a)anthracene	82	ug/kg		J
NBPAHSS013	Total Solids	92.4	%		
NBPAHSS013	Benzo(a)pyrene	540	ug/kg	U V	U
NBPAHSS013	Benzo(k)fluoranthene	540	ug/kg	U V	U
NBPAHSS013	Butylbenzyl phthalate	540	ug/kg	U V	U
NBPAHSS013	Benzo(g,h,i)perylene	540	ug/kg	U V	U
NBPAHSS013	Bis(2-ethylhexyl) phthalate	540	ug/kg	U V	U
NBPAHSS013	3,3'-Dichlorobenzidine	5000	ug/kg	U V	U
NBPAHSS013	Di-n-octyl phthalate	700	ug/kg	U V	U
NBPAHSS013	Indeno(1,2,3-cd)pyrene	540	ug/kg	U V	U
NBPAHSS013	Benzo(a)anthracene	540	ug/kg	U V	U
NBPAHSS013	Benzo(b)fluoranthene	540	ug/kg	U V	U
NBPAHSS013	Dibenzo(a,h)anthracene	540	ug/kg	U V	U
NBPAHSS013	Pyrene	540	ug/kg	U V	U
NBPAHSS013	Chrysene	540	ug/kg	U V	U
NBPAHSS013	2,4-Dichlorophenol	350	ug/kg	U	U
NBPAHSS013	1,2-Dichlorobenzene	35	ug/kg	U	U
NBPAHSS013	Anthracene	36	ug/kg	U	U
NBPAHSS013	4-Bromophenyl phenyl ether	37	ug/kg	U	U
NBPAHSS013	2-Methylphenol	370	ug/kg	U	U
NBPAHSS013	4-Methylphenol	380	ug/kg	U	U
NBPAHSS013	2-Chlorophenol	380	ug/kg	U	U
NBPAHSS013	2,4,5-Trichlorophenol	380	ug/kg	U	U
NBPAHSS013	Fluorene	38	ug/kg	U	U
NBPAHSS013	1,3-Dichlorobenzene	40	ug/kg	U	U
NBPAHSS013	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U
NBPAHSS013	2-Nitrophenol	430	ug/kg	U	U
NBPAHSS013	Phenol	440	ug/kg	U	U
NBPAHSS013	1,4-Dichlorobenzene	45	ug/kg	U	U
NBPAHSS013	2-Chloronaphthalene	49	ug/kg	U	U
NBPAHSS013	Bis(2-chloroethyl) ether	50	ug/kg	U	U

NBPAHSS013	Hexachlorobenzene	54	ug/kg	U	U
NBPAHSS013	Acenaphthene	55	ug/kg	U	U
NBPAHSS013	1,2,4-Trichlorobenzene	57	ug/kg	U	U
NBPAHSS013	Hexachloroethane	60	ug/kg	U	U
NBPAHSS013	N-Nitrosodiphenylamine	62	ug/kg	U	U
NBPAHSS013	2-Methylnaphthalene	70	ug/kg	U	U
NBPAHSS013	2,6-Dinitrotoluene	73	ug/kg	U	U
NBPAHSS013	Acenaphthylene	73	ug/kg	U	U
NBPAHSS013	Bis(2-chloroethoxy)methane	73	ug/kg	U	U
NBPAHSS013	2,4-Dinitrophenol	770	ug/kg	U	U
NBPAHSS013	2,4-Dinitrotoluene	82	ug/kg	U	U
NBPAHSS013	2-Nitroaniline	94	ug/kg	U	U
NBPAHSS013	Isophorone	98	ug/kg	U	U
NBPAHSS013	Benzoic acid	1100	ug/kg	U	U
NBPAHSS013	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS013	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS013	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS013	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS013	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS013	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS013	Dibenzofuran	140	ug/kg	U	U
NBPAHSS013	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS013	Nitrobenzene	150	ug/kg	U	U
NBPAHSS013	4-Chloroaniline	240	ug/kg	U	U
NBPAHSS013	Pentachlorophenol	540	ug/kg	U	U
NBPAHSS013	2-Methyl-4,6-dinitrophenol	540	ug/kg	U	U
NBPAHSS013	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSS013	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSS013	Benzyl alcohol	290	ug/kg	U	U
NBPAHSS013	Naphthalene	32	ug/kg	U	U
NBPAHSS013	4-Chloro-3-methylphenol	340	ug/kg	U	U
NBPAHSS013	Phenanthrene	13	ug/kg	J	J
NBPAHSS013	Fluoranthene	29	ug/kg	J	J
NBPAHSS013	Dimethyl phthalate	54	ug/kg	JB	U
NBPAHSS013	Di-n-butyl phthalate	71	ug/kg	JB	U
NBPAHSS014	Total Solids	94.1	%		
NBPAHSS014	Benzo(a)pyrene	530	ug/kg	U V	U
NBPAHSS014	Benzo(k)fluoranthene	530	ug/kg	U V	U
NBPAHSS014	Butylbenzyl phthalate	530	ug/kg	U V	U
NBPAHSS014	Benzo(g,h,i)perylene	530	ug/kg	U V	U
NBPAHSS014	Bis(2-ethylhexyl) phthalate	530	ug/kg	U V	U
NBPAHSS014	3,3'-Dichlorobenzidine	5000	ug/kg	U V	U
NBPAHSS014	Di-n-octyl phthalate	690	ug/kg	U V	U
NBPAHSS014	Indeno(1,2,3-cd)pyrene	530	ug/kg	U V	U
NBPAHSS014	Benzo(a)anthracene	530	ug/kg	U V	U
NBPAHSS014	Benzo(b)fluoranthene	530	ug/kg	U V	U
NBPAHSS014	Dibenzo(a,h)anthracene	530	ug/kg	U V	U
NBPAHSS014	Pyrene	530	ug/kg	U V	U
NBPAHSS014	Chrysene	530	ug/kg	U V	U
NBPAHSS014	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSS014	Anthracene	35	ug/kg	U	U
NBPAHSS014	4-Bromophenyl phenyl ether	36	ug/kg	U	U

NBPAHSS014	2-Methylphenol	360	ug/kg	U	U
NBPAHSS014	4-Methylphenol	370	ug/kg	U	U
NBPAHSS014	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS014	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS014	Fluorene	37	ug/kg	U	U
NBPAHSS014	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS014	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSS014	Phenanthrene	40	ug/kg	U	U
NBPAHSS014	2-Nitrophenol	430	ug/kg	U	U
NBPAHSS014	Phenol	440	ug/kg	U	U
NBPAHSS014	1,4-Dichlorobenzene	45	ug/kg	U	U
NBPAHSS014	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSS014	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSS014	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSS014	Acenaphthene	54	ug/kg	U	U
NBPAHSS014	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSS014	Hexachloroethane	58	ug/kg	U	U
NBPAHSS014	N-Nitrosodiphenylamine	61	ug/kg	U	U
NBPAHSS014	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSS014	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSS014	Acenaphthylene	71	ug/kg	U	U
NBPAHSS014	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSS014	Fluoranthene	73	ug/kg	U	U
NBPAHSS014	2,4-Dinitrophenol	760	ug/kg	U	U
NBPAHSS014	2,4-Dinitrotoluene	81	ug/kg	U	U
NBPAHSS014	2-Nitroaniline	92	ug/kg	U	U
NBPAHSS014	Isophorone	97	ug/kg	U	U
NBPAHSS014	Benzoic acid	1000	ug/kg	U	U
NBPAHSS014	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS014	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS014	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS014	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS014	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS014	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS014	Dibenzofuran	140	ug/kg	U	U
NBPAHSS014	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS014	Nitrobenzene	150	ug/kg	U	U
NBPAHSS014	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS014	Pentachlorophenol	530	ug/kg	U	U
NBPAHSS014	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSS014	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSS014	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSS014	Benzyl alcohol	290	ug/kg	U	U
NBPAHSS014	Naphthalene	32	ug/kg	U	U
NBPAHSS014	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSS014	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS014	Dimethyl phthalate	48	ug/kg	JB	U
NBPAHSS014	Di-n-butyl phthalate	72	ug/kg	JB	U
NBPAHSS015	Total Solids	94.4	%		
NBPAHSS015	Benzo(a)pyrene	530	ug/kg	U V	U
NBPAHSS015	Benzo(k)fluoranthene	530	ug/kg	U V	U
NBPAHSS015	Benzo(g,h,i)perylene	530	ug/kg	U V	U

NBPAHSS015	Indeno(1,2,3-cd)pyrene	530	ug/kg	U V	U
NBPAHSS015	Benzo(b)fluoranthene	530	ug/kg	U V	U
NBPAHSS015	Dibenzo(a,h)anthracene	530	ug/kg	U V	U
NBPAHSS015	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSS015	Anthracene	35	ug/kg	U	U
NBPAHSS015	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSS015	2-Methylphenol	360	ug/kg	U	U
NBPAHSS015	4-Methylphenol	370	ug/kg	U	U
NBPAHSS015	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS015	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS015	Fluorene	37	ug/kg	U	U
NBPAHSS015	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS015	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSS015	Phenanthrene	40	ug/kg	U	U
NBPAHSS015	Chrysene	42	ug/kg	U	U
NBPAHSS015	2-Nitrophenol	420	ug/kg	U	U
NBPAHSS015	Phenol	430	ug/kg	U	U
NBPAHSS015	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSS015	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSS015	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSS015	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSS015	Acenaphthene	54	ug/kg	U	U
NBPAHSS015	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSS015	Hexachloroethane	58	ug/kg	U	U
NBPAHSS015	N-Nitrosodiphenylamine	60	ug/kg	U	U
NBPAHSS015	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSS015	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSS015	Acenaphthylene	71	ug/kg	U	U
NBPAHSS015	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSS015	2,4-Dinitrophenol	750	ug/kg	U	U
NBPAHSS015	2,4-Dinitrotoluene	81	ug/kg	U	U
NBPAHSS015	Butylbenzyl phthalate	85	ug/kg	U	U
NBPAHSS015	2-Nitroaniline	92	ug/kg	U	U
NBPAHSS015	Isophorone	96	ug/kg	U	U
NBPAHSS015	3,3'-Dichlorobenzidine	990	ug/kg	U	U
NBPAHSS015	Benzoic acid	1000	ug/kg	U	U
NBPAHSS015	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS015	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS015	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS015	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS015	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS015	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS015	Dibenzofuran	140	ug/kg	U	U
NBPAHSS015	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS015	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS015	Nitrobenzene	150	ug/kg	U	U
NBPAHSS015	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS015	Pentachlorophenol	530	ug/kg	U	U
NBPAHSS015	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSS015	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSS015	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSS015	Benzyl alcohol	290	ug/kg	U	U

NBPAHSS015	Naphthalene	32	ug/kg	U	U
NBPAHSS015	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSS015	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS015	Fluoranthene	34	ug/kg	J	J
NBPAHSS015	Pyrene	38	ug/kg		
NBPAHSS015	Dimethyl phthalate	42	ug/kg	JB	U
NBPAHSS015	Benzo(a)anthracene	47	ug/kg		
NBPAHSS015	Bis(2-ethylhexyl) phthalate	53	ug/kg	J	U
NBPAHSS015	Di-n-butyl phthalate	70	ug/kg	JB	U
NBPAHSS02	Total Solids	94.6	%		
NBPAHSS02	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSS02	Anthracene	35	ug/kg	U	U
NBPAHSS02	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSS02	2-Methylphenol	360	ug/kg	U	U
NBPAHSS02	4-Methylphenol	370	ug/kg	U	U
NBPAHSS02	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS02	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS02	Fluorene	37	ug/kg	U	U
NBPAHSS02	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS02	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSS02	2-Nitrophenol	420	ug/kg	U	U
NBPAHSS02	Phenol	430	ug/kg	U	U
NBPAHSS02	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSS02	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSS02	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSS02	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSS02	Acenaphthene	54	ug/kg	U	U
NBPAHSS02	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSS02	Hexachloroethane	58	ug/kg	U	U
NBPAHSS02	N-Nitrosodiphenylamine	60	ug/kg	U	U
NBPAHSS02	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSS02	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSS02	Acenaphthylene	71	ug/kg	U	U
NBPAHSS02	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSS02	2,4-Dinitrophenol	750	ug/kg	U	U
NBPAHSS02	2,4-Dinitrotoluene	80	ug/kg	U	U
NBPAHSS02	Butylbenzyl phthalate	85	ug/kg	U	U
NBPAHSS02	2-Nitroaniline	92	ug/kg	U	U
NBPAHSS02	Isophorone	96	ug/kg	U	U
NBPAHSS02	3,3'-Dichlorobenzidine	980	ug/kg	U	U
NBPAHSS02	Bis(2-ethylhexyl) phthalate	98	ug/kg	U	U
NBPAHSS02	Benzoic acid	1000	ug/kg	U	U
NBPAHSS02	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS02	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS02	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS02	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS02	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS02	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS02	Dibenzofuran	140	ug/kg	U	U
NBPAHSS02	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS02	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS02	Nitrobenzene	150	ug/kg	U	U

NBPAHSS02	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS02	Pentachlorophenol	530	ug/kg	U	U
NBPAHSS02	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSS02	2,4,6-Trichlorophenol	270	ug/kg	U	U
NBPAHSS02	2,4-Dimethylphenol	270	ug/kg	U	U
NBPAHSS02	Benzyl alcohol	290	ug/kg	U	U
NBPAHSS02	Naphthalene	32	ug/kg	U	U
NBPAHSS02	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSS02	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS02	Benzo(a)pyrene	100	ug/kg		J
NBPAHSS02	Chrysene	110	ug/kg		
NBPAHSS02	Indeno(1,2,3-cd)pyrene	110	ug/kg		
NBPAHSS02	Benzo(g,h,i)perylene	120	ug/kg		
NBPAHSS02	Fluoranthene	200	ug/kg		
NBPAHSS02	Benzo(b)fluoranthene	210	ug/kg		
NBPAHSS02	Pyrene	240	ug/kg		
NBPAHSS02	Dibenzo(a,h)anthracene	27	ug/kg	J	J
NBPAHSS02	Dimethyl phthalate	57	ug/kg	JB	U
NBPAHSS02	Benzo(a)anthracene	62	ug/kg		J
NBPAHSS02	Benzo(k)fluoranthene	65	ug/kg	J	J
NBPAHSS02	Di-n-butyl phthalate	77	ug/kg	JB	U
NBPAHSS02	Phenanthrene	90	ug/kg		J
NBPAHSS03	Total Solids	93.8	%		
NBPAHSS03	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSS03	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSS03	2-Methylphenol	360	ug/kg	U	U
NBPAHSS03	4-Methylphenol	370	ug/kg	U	U
NBPAHSS03	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS03	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS03	Fluorene	37	ug/kg	U	U
NBPAHSS03	Dibenzo(a,h)anthracene	38	ug/kg	U	U
NBPAHSS03	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS03	Bis(2-chloroisopropyl) ether	41	ug/kg	U	U
NBPAHSS03	2-Nitrophenol	430	ug/kg	U	U
NBPAHSS03	Phenol	440	ug/kg	U	U
NBPAHSS03	1,4-Dichlorobenzene	45	ug/kg	U	U
NBPAHSS03	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSS03	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSS03	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSS03	Acenaphthene	54	ug/kg	U	U
NBPAHSS03	1,2,4-Trichlorobenzene	57	ug/kg	U	U
NBPAHSS03	Hexachloroethane	59	ug/kg	U	U
NBPAHSS03	N-Nitrosodiphenylamine	61	ug/kg	U	U
NBPAHSS03	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSS03	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSS03	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSS03	2,4-Dinitrophenol	760	ug/kg	U	U
NBPAHSS03	2,4-Dinitrotoluene	81	ug/kg	U	U
NBPAHSS03	Butylbenzyl phthalate	85	ug/kg	U	U
NBPAHSS03	2-Nitroaniline	93	ug/kg	U	U
NBPAHSS03	Isophorone	97	ug/kg	U	U
NBPAHSS03	Bis(2-ethylhexyl) phthalate	99	ug/kg	U	U

NBPAHSS03	3,3'-Dichlorobenzidine	990	ug/kg	U	U
NBPAHSS03	Benzoic acid	1000	ug/kg	U	U
NBPAHSS03	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS03	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS03	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS03	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS03	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS03	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS03	Dibenzofuran	140	ug/kg	U	U
NBPAHSS03	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS03	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS03	Nitrobenzene	150	ug/kg	U	U
NBPAHSS03	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS03	Pentachlorophenol	530	ug/kg	U	U
NBPAHSS03	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSS03	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSS03	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSS03	Benzyl alcohol	290	ug/kg	U	U
NBPAHSS03	Naphthalene	32	ug/kg	U	U
NBPAHSS03	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSS03	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS03	Benzo(g,h,i)perylene	110	ug/kg		
NBPAHSS03	Benzo(k)fluoranthene	110	ug/kg		
NBPAHSS03	Benzo(a)anthracene	110	ug/kg		
NBPAHSS03	Phenanthrene	150	ug/kg		
NBPAHSS03	Anthracene	18	ug/kg	J	J
NBPAHSS03	Chrysene	230	ug/kg		
NBPAHSS03	Benzo(a)pyrene	250	ug/kg		
NBPAHSS03	Fluoranthene	310	ug/kg		
NBPAHSS03	Benzo(b)fluoranthene	350	ug/kg		
NBPAHSS03	Acenaphthylene	37	ug/kg	J	J
NBPAHSS03	Pyrene	540	ug/kg		
NBPAHSS03	Dimethyl phthalate	61	ug/kg	JB	U
NBPAHSS03	Indeno(1,2,3-cd)pyrene	72	ug/kg		J
NBPAHSS03	Di-n-butyl phthalate	78	ug/kg	JB	U
NBPAHSS04	Total Solids	94.7	%		
NBPAHSS04	Benzo(a)pyrene	520	ug/kg	UV	U
NBPAHSS04	2-Methylnaphthalene	520	ug/kg	UV	U
NBPAHSS04	2,6-Dinitrotoluene	520	ug/kg	UV	U
NBPAHSS04	Acenaphthylene	520	ug/kg	UV	U
NBPAHSS04	Bis(2-chloroethoxy)methane	520	ug/kg	UV	U
NBPAHSS04	Fluoranthene	520	ug/kg	UV	U
NBPAHSS04	Benzo(k)fluoranthene	520	ug/kg	UV	U
NBPAHSS04	2,4-Dinitrophenol	3700	ug/kg	UV	U
NBPAHSS04	2,4-Dinitrotoluene	520	ug/kg	UV	U
NBPAHSS04	Butylbenzyl phthalate	520	ug/kg	UV	U
NBPAHSS04	Benzo(g,h,i)perylene	520	ug/kg	UV	U
NBPAHSS04	Dimethyl phthalate	520	ug/kg	UV	U
NBPAHSS04	2-Nitroaniline	520	ug/kg	UV	U
NBPAHSS04	Isophorone	520	ug/kg	UV	U
NBPAHSS04	Bis(2-ethylhexyl) phthalate	520	ug/kg	UV	U
NBPAHSS04	3,3'-Dichlorobenzidine	4900	ug/kg	UV	U

NBPAHSS04	Benzoic acid	5200	ug/kg	UV	U
NBPAHSS04	Hexachlorobutadiene	540	ug/kg	UV	U
NBPAHSS04	N-Nitroso-di-n-propylamine	580	ug/kg	UV	U
NBPAHSS04	4-Chlorophenyl phenyl ether	580	ug/kg	UV	U
NBPAHSS04	4-Nitroaniline	580	ug/kg	UV	U
NBPAHSS04	3-Nitroaniline	580	ug/kg	UV	U
NBPAHSS04	4-Nitrophenol	5800	ug/kg	UV	U
NBPAHSS04	Dibenzofuran	690	ug/kg	UV	U
NBPAHSS04	Diethyl phthalate	690	ug/kg	UV	U
NBPAHSS04	Di-n-octyl phthalate	690	ug/kg	UV	U
NBPAHSS04	Nitrobenzene	740	ug/kg	UV	U
NBPAHSS04	Di-n-butyl phthalate	740	ug/kg	UV	U
NBPAHSS04	4-Chloroaniline	1200	ug/kg	UV	U
NBPAHSS04	Pentachlorophenol	2600	ug/kg	UV	U
NBPAHSS04	2-Methyl-4,6-dinitrophenol	2600	ug/kg	UV	U
NBPAHSS04	2,4,6-Trichlorophenol	1400	ug/kg	UV	U
NBPAHSS04	2,4-Dimethylphenol	1400	ug/kg	UV	U
NBPAHSS04	Benzyl alcohol	1400	ug/kg	UV	U
NBPAHSS04	Indeno(1,2,3-cd)pyrene	520	ug/kg	UV	U
NBPAHSS04	Benzo(a)anthracene	520	ug/kg	UV	U
NBPAHSS04	Naphthalene	520	ug/kg	UV	U
NBPAHSS04	4-Chloro-3-methylphenol	1600	ug/kg	UV	U
NBPAHSS04	2,4-Dichlorophenol	1700	ug/kg	UV	U
NBPAHSS04	1,2-Dichlorobenzene	520	ug/kg	UV	U
NBPAHSS04	Anthracene	520	ug/kg	UV	U
NBPAHSS04	4-Bromophenyl phenyl ether	520	ug/kg	UV	U
NBPAHSS04	2-Methylphenol	1800	ug/kg	UV	U
NBPAHSS04	4-Methylphenol	1800	ug/kg	UV	U
NBPAHSS04	2-Chlorophenol	1800	ug/kg	UV	U
NBPAHSS04	2,4,5-Trichlorophenol	1800	ug/kg	UV	U
NBPAHSS04	Fluorene	520	ug/kg	UV	U
NBPAHSS04	Benzo(b)fluoranthene	520	ug/kg	UV	U
NBPAHSS04	Dibenzo(a,h)anthracene	520	ug/kg	UV	U
NBPAHSS04	Pyrene	520	ug/kg	UV	U
NBPAHSS04	1,3-Dichlorobenzene	520	ug/kg	UV	U
NBPAHSS04	Bis(2-chloroisopropyl) ether	520	ug/kg	UV	U
NBPAHSS04	Phenanthrene	520	ug/kg	UV	U
NBPAHSS04	2-Nitrophenol	2100	ug/kg	UV	U
NBPAHSS04	Chrysene	520	ug/kg	UV	U
NBPAHSS04	Phenol	2200	ug/kg	UV	U
NBPAHSS04	1,4-Dichlorobenzene	520	ug/kg	UV	U
NBPAHSS04	2-Chloronaphthalene	520	ug/kg	UV	U
NBPAHSS04	Bis(2-chloroethyl) ether	520	ug/kg	UV	U
NBPAHSS04	Hexachlorobenzene	520	ug/kg	UV	U
NBPAHSS04	Acenaphthene	520	ug/kg	UV	U
NBPAHSS04	1,2,4-Trichlorobenzene	520	ug/kg	UV	U
NBPAHSS04	Hexachloroethane	520	ug/kg	UV	U
NBPAHSS04	N-Nitrosodiphenylamine	300	ug/kg	UV	U
NBPAHSS05	Total Solids	94.1	%		
NBPAHSS05	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSS05	Anthracene	35	ug/kg	U	U
NBPAHSS05	4-Bromophenyl phenyl ether	36	ug/kg	U	U

NBPAHSS05	2-Methylphenol	360	ug/kg	U	U
NBPAHSS05	4-Methylphenol	370	ug/kg	U	U
NBPAHSS05	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS05	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS05	Fluorene	37	ug/kg	U	U
NBPAHSS05	Dibenzo(a,h)anthracene	38	ug/kg	U	U
NBPAHSS05	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS05	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSS05	2-Nitrophenol	430	ug/kg	U	U
NBPAHSS05	Phenol	440	ug/kg	U	U
NBPAHSS05	1,4-Dichlorobenzene	45	ug/kg	U	U
NBPAHSS05	2-Chloronaphthalene	48	ug/kg	U	U
NBPAHSS05	Bis(2-chloroethyl) ether	49	ug/kg	U	U
NBPAHSS05	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSS05	Acenaphthene	54	ug/kg	U	U
NBPAHSS05	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSS05	Hexachloroethane	58	ug/kg	U	U
NBPAHSS05	N-Nitrosodiphenylamine	61	ug/kg	U	U
NBPAHSS05	2-Methylnaphthalene	69	ug/kg	U	U
NBPAHSS05	2,6-Dinitrotoluene	71	ug/kg	U	U
NBPAHSS05	Acenaphthylene	71	ug/kg	U	U
NBPAHSS05	Bis(2-chloroethoxy)methane	71	ug/kg	U	U
NBPAHSS05	Benzo(k)fluoranthene	74	ug/kg	U	U
NBPAHSS05	2,4-Dinitrophenol	760	ug/kg	U	U
NBPAHSS05	2,4-Dinitrotoluene	81	ug/kg	U	U
NBPAHSS05	Butylbenzyl phthalate	85	ug/kg	U	U
NBPAHSS05	2-Nitroaniline	92	ug/kg	U	U
NBPAHSS05	Isophorone	97	ug/kg	U	U
NBPAHSS05	Bis(2-ethylhexyl) phthalate	99	ug/kg	U	U
NBPAHSS05	3,3'-Dichlorobenzidine	990	ug/kg	U	U
NBPAHSS05	Benzoic acid	1000	ug/kg	U	U
NBPAHSS05	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS05	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS05	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS05	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS05	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS05	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS05	Dibenzofuran	140	ug/kg	U	U
NBPAHSS05	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS05	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS05	Nitrobenzene	150	ug/kg	U	U
NBPAHSS05	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS05	Pentachlorophenol	530	ug/kg	U	U
NBPAHSS05	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	U
NBPAHSS05	2,4,6-Trichlorophenol	280	ug/kg	U	U
NBPAHSS05	2,4-Dimethylphenol	280	ug/kg	U	U
NBPAHSS05	Benzyl alcohol	290	ug/kg	U	U
NBPAHSS05	Naphthalene	32	ug/kg	U	U
NBPAHSS05	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSS05	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS05	Phenanthrene	14	ug/kg	J	J
NBPAHSS05	Chrysene	20	ug/kg	J	J

NBPAHSS05	Indeno(1,2,3-cd)pyrene	20	ug/kg	J	J
NBPAHSS05	Benzo(a)pyrene	23	ug/kg	J	J
NBPAHSS05	Benzo(a)anthracene	24	ug/kg	J	J
NBPAHSS05	Benzo(g,h,i)perylene	28	ug/kg	J	J
NBPAHSS05	Pyrene	36	ug/kg	J	J
NBPAHSS05	Benzo(b)fluoranthene	41	ug/kg		J
NBPAHSS05	Fluoranthene	44	ug/kg	J	J
NBPAHSS05	Dimethyl phthalate	69	ug/kg	JB	U
NBPAHSS05	Di-n-butyl phthalate	74	ug/kg	JB	U
NBPAHSS06	Total Solids	95.2	%		
NBPAHSS06	1,2-Dichlorobenzene	34	ug/kg	U	U
NBPAHSS06	Anthracene	35	ug/kg	U	U
NBPAHSS06	4-Bromophenyl phenyl ether	36	ug/kg	U	U
NBPAHSS06	2-Methylphenol	360	ug/kg	U	U
NBPAHSS06	4-Methylphenol	370	ug/kg	U	U
NBPAHSS06	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS06	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS06	Fluorene	37	ug/kg	U	U
NBPAHSS06	Dibenzo(a,h)anthracene	38	ug/kg	U	U
NBPAHSS06	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS06	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSS06	Phenanthrene	40	ug/kg	U	U
NBPAHSS06	2-Nitrophenol	420	ug/kg	U	U
NBPAHSS06	Chrysene	42	ug/kg	U	U
NBPAHSS06	Phenol	430	ug/kg	U	U
NBPAHSS06	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSS06	2-Chloronaphthalene	47	ug/kg	U	U
NBPAHSS06	Bis(2-chloroethyl) ether	48	ug/kg	U	U
NBPAHSS06	Hexachlorobenzene	53	ug/kg	U	U
NBPAHSS06	Acenaphthene	54	ug/kg	U	U
NBPAHSS06	1,2,4-Trichlorobenzene	56	ug/kg	U	U
NBPAHSS06	Hexachloroethane	58	ug/kg	U	U
NBPAHSS06	N-Nitrosodiphenylamine	60	ug/kg	U	U
NBPAHSS06	Benzo(a)pyrene	66	ug/kg	U	U
NBPAHSS06	2-Methylnaphthalene	68	ug/kg	U	U
NBPAHSS06	2,6-Dinitrotoluene	70	ug/kg	U	U
NBPAHSS06	Acenaphthylene	70	ug/kg	U	U
NBPAHSS06	Bis(2-chloroethoxy)methane	70	ug/kg	U	U
NBPAHSS06	Fluoranthene	72	ug/kg	U	U
NBPAHSS06	Benzo(k)fluoranthene	74	ug/kg	U	U
NBPAHSS06	2,4-Dinitrophenol	750	ug/kg	U	U
NBPAHSS06	2,4-Dinitrotoluene	80	ug/kg	U	U
NBPAHSS06	Butylbenzyl phthalate	84	ug/kg	U	U
NBPAHSS06	Benzo(g,h,i)perylene	86	ug/kg	U	U
NBPAHSS06	2-Nitroaniline	91	ug/kg	U	U
NBPAHSS06	Isophorone	96	ug/kg	U	U
NBPAHSS06	Bis(2-ethylhexyl) phthalate	98	ug/kg	U	U
NBPAHSS06	3,3'-Dichlorobenzidine	980	ug/kg	U	U
NBPAHSS06	Benzoic acid	1000	ug/kg	U	U
NBPAHSS06	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS06	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS06	4-Chlorophenyl phenyl ether	120	ug/kg	U	U

NBPAHSS06	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS06	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS06	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS06	Dibenzofuran	140	ug/kg	U	U
NBPAHSS06	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS06	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS06	Nitrobenzene	150	ug/kg	U	U
NBPAHSS06	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS06	Pentachlorophenol	520	ug/kg	U	U
NBPAHSS06	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	U
NBPAHSS06	2,4,6-Trichlorophenol	270	ug/kg	U	U
NBPAHSS06	2,4-Dimethylphenol	270	ug/kg	U	U
NBPAHSS06	Benzyl alcohol	280	ug/kg	U	U
NBPAHSS06	Naphthalene	32	ug/kg	U	U
NBPAHSS06	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSS06	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS06	Indeno(1,2,3-cd)pyrene	12	ug/kg	J	J
NBPAHSS06	Benzo(a)anthracene	14	ug/kg	J	J
NBPAHSS06	Pyrene	15	ug/kg	J	J
NBPAHSS06	Benzo(b)fluoranthene	21	ug/kg	J	J
NBPAHSS06	Dimethyl phthalate	44	ug/kg	JB	U
NBPAHSS06	Di-n-butyl phthalate	66	ug/kg	JB	U
NBPAHSS07	Total Solids	90.3	%		
NBPAHSS07	Benzo(b)fluoranthene	1200	ug/kg	V	
NBPAHSS07	Dibenzo(a,h)anthracene	150	ug/kg	J V	J
NBPAHSS07	Benzo(k)fluoranthene	330	ug/kg	J V	J
NBPAHSS07	Indeno(1,2,3-cd)pyrene	460	ug/kg	J V	J
NBPAHSS07	Benzo(g,h,i)perylene	490	ug/kg	J V	J
NBPAHSS07	Benzo(a)pyrene	630	ug/kg	V	
NBPAHSS07	Naphthalene	33	ug/kg	U	U
NBPAHSS07	4-Chloro-3-methylphenol	340	ug/kg	U	U
NBPAHSS07	2,4-Dichlorophenol	350	ug/kg	U	U
NBPAHSS07	1,2-Dichlorobenzene	35	ug/kg	U	U
NBPAHSS07	4-Bromophenyl phenyl ether	38	ug/kg	U	U
NBPAHSS07	2-Methylphenol	380	ug/kg	U	U
NBPAHSS07	Fluorene	39	ug/kg	U	U
NBPAHSS07	1,3-Dichlorobenzene	41	ug/kg	U	U
NBPAHSS07	Bis(2-chloroisopropyl) ether	42	ug/kg	U	U
NBPAHSS07	4-Methylphenol	390	ug/kg	U	U
NBPAHSS07	2-Chlorophenol	390	ug/kg	U	U
NBPAHSS07	2,4,5-Trichlorophenol	390	ug/kg	U	U
NBPAHSS07	2-Nitrophenol	440	ug/kg	U	U
NBPAHSS07	1,4-Dichlorobenzene	47	ug/kg	U	U
NBPAHSS07	2-Chloronaphthalene	50	ug/kg	U	U
NBPAHSS07	Phenol	450	ug/kg	U	U
NBPAHSS07	Bis(2-chloroethyl) ether	51	ug/kg	U	U
NBPAHSS07	Hexachlorobenzene	55	ug/kg	U	U
NBPAHSS07	Acenaphthene	56	ug/kg	U	U
NBPAHSS07	1,2,4-Trichlorobenzene	59	ug/kg	U	U
NBPAHSS07	Hexachloroethane	61	ug/kg	U	U
NBPAHSS07	N-Nitrosodiphenylamine	63	ug/kg	U	U
NBPAHSS07	2-Methylnaphthalene	72	ug/kg	U	U

NBPAHSS07	2,6-Dinitrotoluene	74	ug/kg	U	U
NBPAHSS07	Acenaphthylene	74	ug/kg	U	U
NBPAHSS07	Bis(2-chloroethoxy)methane	74	ug/kg	U	U
NBPAHSS07	2,4-Dinitrophenol	790	ug/kg	U	U
NBPAHSS07	2,4-Dinitrotoluene	84	ug/kg	U	U
NBPAHSS07	Butylbenzyl phthalate	89	ug/kg	U	U
NBPAHSS07	2-Nitroaniline	96	ug/kg	U	U
NBPAHSS07	Isophorone	110	ug/kg	U	U
NBPAHSS07	Bis(2-ethylhexyl) phthalate	110	ug/kg	U	U
NBPAHSS07	3,3'-Dichlorobenzidine	1000	ug/kg	U	U
NBPAHSS07	Benzoic acid	1100	ug/kg	U	U
NBPAHSS07	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS07	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS07	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS07	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS07	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS07	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS07	Dibenzofuran	140	ug/kg	U	U
NBPAHSS07	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS07	Di-n-octyl phthalate	140	ug/kg	U	U
NBPAHSS07	Nitrobenzene	160	ug/kg	U	U
NBPAHSS07	4-Chloroaniline	240	ug/kg	U	U
NBPAHSS07	Pentachlorophenol	550	ug/kg	U	U
NBPAHSS07	2-Methyl-4,6-dinitrophenol	550	ug/kg	U	U
NBPAHSS07	2,4,6-Trichlorophenol	290	ug/kg	U	U
NBPAHSS07	2,4-Dimethylphenol	290	ug/kg	U	U
NBPAHSS07	Benzyl alcohol	300	ug/kg	U	U
NBPAHSS07	Pyrene	1200	ug/kg		
NBPAHSS07	Fluoranthene	1600	ug/kg		
NBPAHSS07	Phenanthrene	370	ug/kg		
NBPAHSS07	Dimethyl phthalate	46	ug/kg	JB	U
NBPAHSS07	Anthracene	55	ug/kg		J
NBPAHSS07	Benzo(a)anthracene	620	ug/kg		
NBPAHSS07	Di-n-butyl phthalate	79	ug/kg	JB	U
NBPAHSS07	Chrysene	950	ug/kg		
NBPAHSS08	Total Solids	93.6	%		
NBPAHSS08	1,2-Dichlorobenzene	34	ug/kg	U	UJ
NBPAHSS08	Anthracene	35	ug/kg	U	UJ
NBPAHSS08	4-Bromophenyl phenyl ether	36	ug/kg	U	UJ
NBPAHSS08	2-Methylphenol	360	ug/kg	U	UJ
NBPAHSS08	4-Methylphenol	370	ug/kg	U	UJ
NBPAHSS08	2-Chlorophenol	370	ug/kg	U	UJ
NBPAHSS08	2,4,5-Trichlorophenol	370	ug/kg	U	UJ
NBPAHSS08	Fluorene	37	ug/kg	U	UJ
NBPAHSS08	Dibenzo(a,h)anthracene	38	ug/kg	U	UJ
NBPAHSS08	1,3-Dichlorobenzene	40	ug/kg	U	UJ
NBPAHSS08	Bis(2-chloroisopropyl) ether	41	ug/kg	U	UJ
NBPAHSS08	2-Nitrophenol	430	ug/kg	U	UJ
NBPAHSS08	Phenol	440	ug/kg	U	UJ
NBPAHSS08	1,4-Dichlorobenzene	45	ug/kg	U	UJ
NBPAHSS08	2-Chloronaphthalene	48	ug/kg	U	UJ
NBPAHSS08	Bis(2-chloroethyl) ether	49	ug/kg	U	UJ

NBPAHSS08	Hexachlorobenzene	53	ug/kg	U	UJ
NBPAHSS08	Acenaphthene	54	ug/kg	U	UJ
NBPAHSS08	1,2,4-Trichlorobenzene	57	ug/kg	U	UJ
NBPAHSS08	Hexachloroethane	59	ug/kg	U	UJ
NBPAHSS08	N-Nitrosodiphenylamine	61	ug/kg	U	UJ
NBPAHSS08	Benzo(a)pyrene	67	ug/kg	U	UJ
NBPAHSS08	2-Methylnaphthalene	69	ug/kg	U	UJ
NBPAHSS08	2,6-Dinitrotoluene	72	ug/kg	U	UJ
NBPAHSS08	Acenaphthylene	72	ug/kg	U	UJ
NBPAHSS08	Bis(2-chloroethoxy)methane	72	ug/kg	U	UJ
NBPAHSS08	Benzo(k)fluoranthene	75	ug/kg	U	UJ
NBPAHSS08	2,4-Dinitrophenol	760	ug/kg	U	UJ
NBPAHSS08	2,4-Dinitrotoluene	81	ug/kg	U	UJ
NBPAHSS08	Butylbenzyl phthalate	85	ug/kg	U	UJ
NBPAHSS08	Benzo(g,h,i)perylene	88	ug/kg	U	UJ
NBPAHSS08	2-Nitroaniline	93	ug/kg	U	UJ
NBPAHSS08	Isophorone	97	ug/kg	U	UJ
NBPAHSS08	3,3'-Dichlorobenzidine	990	ug/kg	U	UJ
NBPAHSS08	Benzoic acid	1000	ug/kg	U	UJ
NBPAHSS08	N-Nitroso-di-n-propylamine	120	ug/kg	U	UJ
NBPAHSS08	Hexachlorobutadiene	110	ug/kg	U	UJ
NBPAHSS08	4-Chlorophenyl phenyl ether	120	ug/kg	U	UJ
NBPAHSS08	4-Nitroaniline	120	ug/kg	U	UJ
NBPAHSS08	3-Nitroaniline	120	ug/kg	U	UJ
NBPAHSS08	4-Nitrophenol	1200	ug/kg	U	UJ
NBPAHSS08	Dibenzofuran	140	ug/kg	U	UJ
NBPAHSS08	Diethyl phthalate	140	ug/kg	U	UJ
NBPAHSS08	Di-n-octyl phthalate	140	ug/kg	U	UJ
NBPAHSS08	Nitrobenzene	150	ug/kg	U	UJ
NBPAHSS08	4-Chloroaniline	240	ug/kg	U	UJ
NBPAHSS08	Pentachlorophenol	530	ug/kg	U	UJ
NBPAHSS08	2-Methyl-4,6-dinitrophenol	530	ug/kg	U	UJ
NBPAHSS08	Indeno(1,2,3-cd)pyrene	30	ug/kg	U	UJ
NBPAHSS08	2,4,6-Trichlorophenol	280	ug/kg	U	UJ
NBPAHSS08	2,4-Dimethylphenol	280	ug/kg	U	UJ
NBPAHSS08	Benzyl alcohol	290	ug/kg	U	UJ
NBPAHSS08	Naphthalene	32	ug/kg	U	UJ
NBPAHSS08	4-Chloro-3-methylphenol	330	ug/kg	U	UJ
NBPAHSS08	2,4-Dichlorophenol	340	ug/kg	U	UJ
NBPAHSS08	Benzo(a)anthracene	24	ug/kg	J	J
NBPAHSS08	Phenanthrene	24	ug/kg	J	J
NBPAHSS08	Chrysene	41	ug/kg	J	J
NBPAHSS08	Pyrene	47	ug/kg		J
NBPAHSS08	Dimethyl phthalate	49	ug/kg	JB	UJ
NBPAHSS08	Di-n-butyl phthalate	52	ug/kg	JB	UJ
NBPAHSS08	Fluoranthene	55	ug/kg	J	J
NBPAHSS08	Bis(2-ethylhexyl) phthalate	57	ug/kg	J	U
NBPAHSS08	Benzo(b)fluoranthene	66	ug/kg		J
NBPAHSS09	Total Solids	95.8	%		
NBPAHSS09	1,2-Dichlorobenzene	33	ug/kg	U	U
NBPAHSS09	Anthracene	34	ug/kg	U	U
NBPAHSS09	4-Bromophenyl phenyl ether	35	ug/kg	U	U

NBPAHSS09	Fluorene	37	ug/kg	U	U
NBPAHSS09	Dibenzo(a,h)anthracene	38	ug/kg	U	U
NBPAHSS09	1,3-Dichlorobenzene	39	ug/kg	U	U
NBPAHSS09	Bis(2-chloroisopropyl) ether	40	ug/kg	U	U
NBPAHSS09	2-Methylphenol	360	ug/kg	U	U
NBPAHSS09	4-Methylphenol	370	ug/kg	U	U
NBPAHSS09	2-Chlorophenol	370	ug/kg	U	U
NBPAHSS09	2,4,5-Trichlorophenol	370	ug/kg	U	U
NBPAHSS09	2-Nitrophenol	420	ug/kg	U	U
NBPAHSS09	Phenol	430	ug/kg	U	U
NBPAHSS09	1,4-Dichlorobenzene	44	ug/kg	U	U
NBPAHSS09	2-Chloronaphthalene	47	ug/kg	U	U
NBPAHSS09	Bis(2-chloroethyl) ether	48	ug/kg	U	U
NBPAHSS09	Hexachlorobenzene	52	ug/kg	U	U
NBPAHSS09	Acenaphthene	53	ug/kg	U	U
NBPAHSS09	1,2,4-Trichlorobenzene	55	ug/kg	U	U
NBPAHSS09	Hexachloroethane	57	ug/kg	U	U
NBPAHSS09	N-Nitrosodiphenylamine	59	ug/kg	U	U
NBPAHSS09	2-Methylnaphthalene	68	ug/kg	U	U
NBPAHSS09	2,6-Dinitrotoluene	70	ug/kg	U	U
NBPAHSS09	Acenaphthylene	70	ug/kg	U	U
NBPAHSS09	Bis(2-chloroethoxy)methane	70	ug/kg	U	U
NBPAHSS09	2,4-Dinitrophenol	740	ug/kg	U	U
NBPAHSS09	2,4-Dinitrotoluene	79	ug/kg	U	U
NBPAHSS09	Butylbenzyl phthalate	84	ug/kg	U	U
NBPAHSS09	2-Nitroaniline	91	ug/kg	U	U
NBPAHSS09	Isophorone	95	ug/kg	U	U
NBPAHSS09	Bis(2-ethylhexyl) phthalate	97	ug/kg	U	U
NBPAHSS09	3,3'-Dichlorobenzidine	980	ug/kg	U	U
NBPAHSS09	Benzoic acid	1000	ug/kg	U	U
NBPAHSS09	N-Nitroso-di-n-propylamine	120	ug/kg	U	U
NBPAHSS09	Hexachlorobutadiene	110	ug/kg	U	U
NBPAHSS09	4-Chlorophenyl phenyl ether	120	ug/kg	U	U
NBPAHSS09	4-Nitroaniline	120	ug/kg	U	U
NBPAHSS09	3-Nitroaniline	120	ug/kg	U	U
NBPAHSS09	4-Nitrophenol	1200	ug/kg	U	U
NBPAHSS09	Dibenzofuran	140	ug/kg	U	U
NBPAHSS09	Diethyl phthalate	140	ug/kg	U	U
NBPAHSS09	Nitrobenzene	150	ug/kg	U	U
NBPAHSS09	4-Chloroaniline	230	ug/kg	U	U
NBPAHSS09	Pentachlorophenol	520	ug/kg	U	U
NBPAHSS09	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	U
NBPAHSS09	2,4,6-Trichlorophenol	270	ug/kg	U	U
NBPAHSS09	2,4-Dimethylphenol	270	ug/kg	U	U
NBPAHSS09	Benzyl alcohol	280	ug/kg	U	U
NBPAHSS09	Naphthalene	31	ug/kg	U	U
NBPAHSS09	4-Chloro-3-methylphenol	330	ug/kg	U	U
NBPAHSS09	2,4-Dichlorophenol	340	ug/kg	U	U
NBPAHSS09	Phenanthrene	31	ug/kg	J	J
NBPAHSS09	Benzo(g,h,i)perylene	31	ug/kg	JM	J
NBPAHSS09	Benzo(k)fluoranthene	32	ug/kg	J	J
NBPAHSS09	Indeno(1,2,3-cd)pyrene	32	ug/kg		J

NBPAHSS09	Benzo(a)anthracene	41	ug/kg		J
NBPAHSS09	Benzo(a)pyrene	46	ug/kg	J	J
NBPAHSS09	Di-n-octyl phthalate	47	ug/kg	J	J
NBPAHSS09	Chrysene	53	ug/kg		J
NBPAHSS09	Di-n-butyl phthalate	57	ug/kg	JB	U
NBPAHSS09	Pyrene	59	ug/kg		J
NBPAHSS09	Dimethyl phthalate	66	ug/kg	JB	U
NBPAHSS09	Benzo(b)fluoranthene	69	ug/kg	M	J
NBPAHSS09	Fluoranthene	87	ug/kg		J
FIELD DUPLICATE #4	Total Solids	86.4	%		
FIELD DUPLICATE #4	1,4-DIOXANE	1.2	ug/kg		J
FIELD DUPLICATE #4	Bromochloromethane	46	ug/kg	U	U
FIELD DUPLICATE #4	Chloroform	46	ug/kg	U	U
FIELD DUPLICATE #4	Dibromochloromethane	46	ug/kg	U	U
FIELD DUPLICATE #4	Tert-butyl ethyl ether	46	ug/kg	U	U
FIELD DUPLICATE #4	Trichloroethene	46	ug/kg	U	U
FIELD DUPLICATE #4	1,1-Dichloropropene	46	ug/kg	U	U
FIELD DUPLICATE #4	1,3-Dichlorobenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	1,2,4-Trichlorobenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	1,1,2,2-Tetrachloroethane	46	ug/kg	U	U
FIELD DUPLICATE #4	1-Chlorohexane	46	ug/kg	U	U
FIELD DUPLICATE #4	Ethyl ether	46	ug/kg	U	U
FIELD DUPLICATE #4	1,1,1-Trichloroethane	46	ug/kg	U	U
FIELD DUPLICATE #4	n-Propylbenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	Bromoform	46	ug/kg	U	U
FIELD DUPLICATE #4	Isopropylbenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	o-Xylene	46	ug/kg	U	U
FIELD DUPLICATE #4	1,2,3-Trichloropropane	46	ug/kg	U	U
FIELD DUPLICATE #4	Tetrahydrofuran	460	ug/kg	U	UJ
FIELD DUPLICATE #4	Dichlorodifluoromethane	46	ug/kg	U	U
FIELD DUPLICATE #4	2-Butanone	460	ug/kg	U	U
FIELD DUPLICATE #4	m,p-Xylenes	92	ug/kg	U	U
FIELD DUPLICATE #4	2-Chlorotoluene	46	ug/kg	U	U
FIELD DUPLICATE #4	Tert-amyl methyl ether	48	ug/kg	U	U
FIELD DUPLICATE #4	1,2,3-Trichlorobenzene	49	ug/kg	U	U
FIELD DUPLICATE #4	1,1-Dichloroethene	51	ug/kg	U	U
FIELD DUPLICATE #4	1,3,5-Trichlorobenzene	52	ug/kg	U	U
FIELD DUPLICATE #4	Hexachlorobutadiene	52	ug/kg	U	U
FIELD DUPLICATE #4	trans-1,2-Dichloroethene	52	ug/kg	U	U
FIELD DUPLICATE #4	Dibromomethane	53	ug/kg	U	U
FIELD DUPLICATE #4	Trichlorofluoromethane	54	ug/kg	U	U
FIELD DUPLICATE #4	1,1,2-Trichloroethane	60	ug/kg	U	U
FIELD DUPLICATE #4	Carbon tetrachloride	61	ug/kg	U	U
FIELD DUPLICATE #4	Methylene chloride	67	ug/kg	U	U
FIELD DUPLICATE #4	1,2-Dibromo-3-chloropropane	68	ug/kg	U	U
FIELD DUPLICATE #4	Acetone	680	ug/kg	U	U
FIELD DUPLICATE #4	Bromomethane	74	ug/kg	U	U
FIELD DUPLICATE #4	Chloroethane	74	ug/kg	U	U
FIELD DUPLICATE #4	Naphthalene	78	ug/kg	U	U
FIELD DUPLICATE #4	Carbon disulfide	100	ug/kg	U	U
FIELD DUPLICATE #4	1,3-Dichloropropane	46	ug/kg	U	U
FIELD DUPLICATE #4	Styrene	46	ug/kg	U	U

FIELD DUPLICATE #4	1,4-Dichlorobenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	1,2,4-Trimethylbenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	Diisopropyl ether	46	ug/kg	U	U
FIELD DUPLICATE #4	4-Chlorotoluene	46	ug/kg	U	U
FIELD DUPLICATE #4	Ethylbenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	p-Isopropyltoluene	46	ug/kg	U	U
FIELD DUPLICATE #4	1,2-Dichloroethane	46	ug/kg	U	U
FIELD DUPLICATE #4	1,3,5-Trimethylbenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	Chlorobenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	sec-Butylbenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	Benzene	46	ug/kg	U	U
FIELD DUPLICATE #4	n-Butylbenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	1,1-Dichloroethane	46	ug/kg	U	U
FIELD DUPLICATE #4	cis-1,2-Dichloroethene	46	ug/kg	U	U
FIELD DUPLICATE #4	tert-Butylbenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	4-Methyl-2-pentanone	460	ug/kg	U	U
FIELD DUPLICATE #4	1,1,1,2-TETRACHLOROETHANE	46	ug/kg	U	U
FIELD DUPLICATE #4	1,2-Dichlorobenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	Vinyl chloride	46	ug/kg	U	U
FIELD DUPLICATE #4	1,2-Dichloropropane	46	ug/kg	U	U
FIELD DUPLICATE #4	2,2-Dichloropropane	46	ug/kg	U	U
FIELD DUPLICATE #4	Bromodichloromethane	46	ug/kg	U	U
FIELD DUPLICATE #4	Methyl tert-butyl ether	46	ug/kg	U	U
FIELD DUPLICATE #4	Tetrachloroethene	46	ug/kg	U	U
FIELD DUPLICATE #4	Toluene	46	ug/kg	U	U
FIELD DUPLICATE #4	Bromobenzene	46	ug/kg	U	U
FIELD DUPLICATE #4	2-Hexanone	460	ug/kg	U	U
FIELD DUPLICATE #4	cis-1,3-Dichloropropene	46	ug/kg	U	U
FIELD DUPLICATE #4	Chloromethane	46	ug/kg	U	U
FIELD DUPLICATE #4	1,2-Dibromoethane	46	ug/kg	U	U
FIELD DUPLICATE #4	trans-1,3-Dichloropropene	46	ug/kg	U	U
SIS5SB01A	Total Solids	85.9	%		
SIS5SB01A	1,4-DIOXANE	0.93	ug/kg	U	U
SIS5SB01A	Bromochloromethane	45	ug/kg	U	U
SIS5SB01A	Chloroform	45	ug/kg	U	U
SIS5SB01A	Dibromochloromethane	45	ug/kg	U	U
SIS5SB01A	Tert-butyl ethyl ether	45	ug/kg	U	U
SIS5SB01A	Trichloroethene	45	ug/kg	U	U
SIS5SB01A	1,1-Dichloropropene	45	ug/kg	U	U
SIS5SB01A	1,3-Dichlorobenzene	45	ug/kg	U	U
SIS5SB01A	1,2,4-Trichlorobenzene	45	ug/kg	U	U
SIS5SB01A	1,1,2,2-Tetrachloroethane	45	ug/kg	U	U
SIS5SB01A	1-Chlorohexane	45	ug/kg	U	U
SIS5SB01A	Ethyl ether	45	ug/kg	U	U
SIS5SB01A	1,1,1-Trichloroethane	45	ug/kg	U	U
SIS5SB01A	n-Propylbenzene	45	ug/kg	U	U
SIS5SB01A	Bromoform	45	ug/kg	U	U
SIS5SB01A	Isopropylbenzene	45	ug/kg	U	U
SIS5SB01A	o-Xylene	45	ug/kg	U	U
SIS5SB01A	1,2,3-Trichloropropane	45	ug/kg	U	U
SIS5SB01A	Tetrahydrofuran	450	ug/kg	U	UJ
SIS5SB01A	Dichlorodifluoromethane	45	ug/kg	U	U

SIS5SB01A	2-Butanone	450	ug/kg	U	U
SIS5SB01A	2-Chlorotoluene	45	ug/kg	U	U
SIS5SB01A	m,p-Xylenes	91	ug/kg	U	U
SIS5SB01A	Tert-amyl methyl ether	47	ug/kg	U	U
SIS5SB01A	1,2,3-Trichlorobenzene	48	ug/kg	U	U
SIS5SB01A	1,1-Dichloroethene	50	ug/kg	U	U
SIS5SB01A	1,3,5-Trichlorobenzene	51	ug/kg	U	U
SIS5SB01A	Hexachlorobutadiene	51	ug/kg	U	U
SIS5SB01A	trans-1,2-Dichloroethene	51	ug/kg	U	U
SIS5SB01A	Dibromomethane	52	ug/kg	U	U
SIS5SB01A	Trichlorofluoromethane	53	ug/kg	U	U
SIS5SB01A	1,1,2-Trichloroethane	59	ug/kg	U	U
SIS5SB01A	Carbon tetrachloride	60	ug/kg	U	U
SIS5SB01A	Methylene chloride	65	ug/kg	U	U
SIS5SB01A	1,2-Dibromo-3-chloropropane	67	ug/kg	U	U
SIS5SB01A	Acetone	670	ug/kg	U	U
SIS5SB01A	Bromomethane	73	ug/kg	U	U
SIS5SB01A	Chloroethane	73	ug/kg	U	U
SIS5SB01A	Naphthalene	76	ug/kg	U	U
SIS5SB01A	Carbon disulfide	100	ug/kg	U	U
SIS5SB01A	1,3-Dichloropropane	45	ug/kg	U	U
SIS5SB01A	Styrene	45	ug/kg	U	U
SIS5SB01A	1,4-Dichlorobenzene	45	ug/kg	U	U
SIS5SB01A	1,2,4-Trimethylbenzene	45	ug/kg	U	U
SIS5SB01A	Diisopropyl ether	45	ug/kg	U	U
SIS5SB01A	4-Chlorotoluene	45	ug/kg	U	U
SIS5SB01A	Ethylbenzene	45	ug/kg	U	U
SIS5SB01A	p-Isopropyltoluene	45	ug/kg	U	U
SIS5SB01A	1,2-Dichloroethane	45	ug/kg	U	U
SIS5SB01A	1,3,5-Trimethylbenzene	45	ug/kg	U	U
SIS5SB01A	Chlorobenzene	45	ug/kg	U	U
SIS5SB01A	sec-Butylbenzene	45	ug/kg	U	U
SIS5SB01A	Benzene	45	ug/kg	U	U
SIS5SB01A	n-Butylbenzene	45	ug/kg	U	U
SIS5SB01A	1,1-Dichloroethane	45	ug/kg	U	U
SIS5SB01A	cis-1,2-Dichloroethene	45	ug/kg	U	U
SIS5SB01A	tert-Butylbenzene	45	ug/kg	U	U
SIS5SB01A	4-Methyl-2-pentanone	450	ug/kg	U	U
SIS5SB01A	1,1,1,2-TETRACHLOROETHANE	45	ug/kg	U	U
SIS5SB01A	1,2-Dichlorobenzene	45	ug/kg	U	U
SIS5SB01A	Vinyl chloride	45	ug/kg	U	U
SIS5SB01A	1,2-Dichloropropane	45	ug/kg	U	U
SIS5SB01A	2,2-Dichloropropane	45	ug/kg	U	U
SIS5SB01A	Bromodichloromethane	45	ug/kg	U	U
SIS5SB01A	Methyl tert-butyl ether	45	ug/kg	U	U
SIS5SB01A	Tetrachloroethene	45	ug/kg	U	U
SIS5SB01A	Toluene	45	ug/kg	U	U
SIS5SB01A	Bromobenzene	45	ug/kg	U	U
SIS5SB01A	2-Hexanone	450	ug/kg	U	U
SIS5SB01A	cis-1,3-Dichloropropene	45	ug/kg	U	U
SIS5SB01A	Chloromethane	45	ug/kg	U	U
SIS5SB01A	1,2-Dibromoethane	45	ug/kg	U	U

SIS5SB01A	trans-1,3-Dichloropropene	45	ug/kg	U	U
SIS5SB01B	Total Solids	82.5	%		
SIS5SB01B	1,4-DIOXANE	2.2	ug/kg		
SIS5SB01B	1,1,1,2-TETRACHLOROETHANE	52	ug/kg	U	U
SIS5SB01B	1,1,1-Trichloroethane	52	ug/kg	U	U
SIS5SB01B	1,1,2,2-Tetrachloroethane	52	ug/kg	U	U
SIS5SB01B	1,1,2-Trichloroethane	68	ug/kg	U	U
SIS5SB01B	1,1-Dichloroethane	52	ug/kg	U	U
SIS5SB01B	1,1-Dichloroethene	58	ug/kg	U	U
SIS5SB01B	1,1-Dichloropropene	52	ug/kg	U	U
SIS5SB01B	1,2,3-Trichlorobenzene	56	ug/kg	U	U
SIS5SB01B	1,2,3-Trichloropropane	52	ug/kg	U	U
SIS5SB01B	1,2,4-Trichlorobenzene	52	ug/kg	U	U
SIS5SB01B	1,2,4-Trimethylbenzene	52	ug/kg	U	U
SIS5SB01B	1,2-Dibromo-3-chloropropane	78	ug/kg	U	U
SIS5SB01B	1,2-Dibromoethane	52	ug/kg	U	U
SIS5SB01B	1,2-Dichlorobenzene	52	ug/kg	U	U
SIS5SB01B	1,2-Dichloroethane	52	ug/kg	U	U
SIS5SB01B	1,2-Dichloropropane	52	ug/kg	U	U
SIS5SB01B	1,3,5-Trichlorobenzene	59	ug/kg	U	U
SIS5SB01B	1,3,5-Trimethylbenzene	52	ug/kg	U	U
SIS5SB01B	1,3-Dichlorobenzene	52	ug/kg	U	U
SIS5SB01B	1,3-Dichloropropane	52	ug/kg	U	U
SIS5SB01B	1,4-Dichlorobenzene	52	ug/kg	U	U
SIS5SB01B	1-Chlorohexane	52	ug/kg	U	U
SIS5SB01B	2,2-Dichloropropane	52	ug/kg	U	U
SIS5SB01B	2-Butanone	520	ug/kg	U	U
SIS5SB01B	2-Chlorotoluene	52	ug/kg	U	U
SIS5SB01B	2-Hexanone	520	ug/kg	U	U
SIS5SB01B	4-Chlorotoluene	52	ug/kg	U	U
SIS5SB01B	4-Methyl-2-pentanone	520	ug/kg	U	U
SIS5SB01B	Acetone	340	ug/kg	JB	J
SIS5SB01B	Benzene	52	ug/kg	U	U
SIS5SB01B	Bromobenzene	52	ug/kg	U	U
SIS5SB01B	Bromochloromethane	52	ug/kg	U	U
SIS5SB01B	Bromodichloromethane	52	ug/kg	U	U
SIS5SB01B	Bromoform	52	ug/kg	U	U
SIS5SB01B	Bromomethane	84	ug/kg	U	U
SIS5SB01B	Carbon disulfide	120	ug/kg	U	U
SIS5SB01B	Carbon tetrachloride	69	ug/kg	U	U
SIS5SB01B	Chlorobenzene	52	ug/kg	U	U
SIS5SB01B	Chloroethane	84	ug/kg	U	U
SIS5SB01B	Chloroform	52	ug/kg	U	U
SIS5SB01B	Chloromethane	52	ug/kg	U	U
SIS5SB01B	cis-1,2-Dichloroethene	52	ug/kg	U	U
SIS5SB01B	cis-1,3-Dichloropropene	52	ug/kg	U	U
SIS5SB01B	Dibromochloromethane	52	ug/kg	U	U
SIS5SB01B	Dibromomethane	60	ug/kg	U	U
SIS5SB01B	Dichlorodifluoromethane	52	ug/kg	U	U
SIS5SB01B	Diisopropyl ether	52	ug/kg	U	U
SIS5SB01B	Ethyl ether	52	ug/kg	U	U
SIS5SB01B	Ethylbenzene	52	ug/kg	U	U

SIS5SB01B	Hexachlorobutadiene	59	ug/kg	U	U
SIS5SB01B	Isopropylbenzene	52	ug/kg	U	U
SIS5SB01B	m,p-Xylenes	50	ug/kg	U	U
SIS5SB01B	Methyl tert-butyl ether	52	ug/kg	U	U
SIS5SB01B	Methylene chloride	75	ug/kg	U	U
SIS5SB01B	Naphthalene	88	ug/kg	U	U
SIS5SB01B	n-Butylbenzene	52	ug/kg	U	U
SIS5SB01B	n-Propylbenzene	52	ug/kg	U	U
SIS5SB01B	o-Xylene	52	ug/kg	U	U
SIS5SB01B	p-Isopropyltoluene	52	ug/kg	U	U
SIS5SB01B	sec-Butylbenzene	52	ug/kg	U	U
SIS5SB01B	Styrene	52	ug/kg	U	U
SIS5SB01B	Tert-amyl methyl ether	55	ug/kg	U	U
SIS5SB01B	Tert-butyl ethyl ether	52	ug/kg	U	U
SIS5SB01B	tert-Butylbenzene	52	ug/kg	U	U
SIS5SB01B	Tetrachloroethene	52	ug/kg	U	U
SIS5SB01B	Tetrahydrofuran	520	ug/kg	U	UJ
SIS5SB01B	Toluene	9.8	ug/kg	J	J
SIS5SB01B	trans-1,2-Dichloroethene	59	ug/kg	U	U
SIS5SB01B	trans-1,3-Dichloropropene	52	ug/kg	U	U
SIS5SB01B	Trichloroethene	52	ug/kg	U	U
SIS5SB01B	Trichlorofluoromethane	61	ug/kg	U	U
SIS5SB01B	Vinyl chloride	52	ug/kg	U	U
TRIP BLANK	1,4-DIOXANE	1	ug/kg	U	U
TRIP BLANK	cis-1,3-Dichloropropene	50	ug/kg	U	U
TRIP BLANK	Chloromethane	50	ug/kg	U	U
TRIP BLANK	1,2-Dibromoethane	50	ug/kg	U	U
TRIP BLANK	trans-1,3-Dichloropropene	50	ug/kg	U	U
TRIP BLANK	Bromochloromethane	50	ug/kg	U	U
TRIP BLANK	Chloroform	50	ug/kg	U	U
TRIP BLANK	Dibromochloromethane	50	ug/kg	U	U
TRIP BLANK	Tert-butyl ethyl ether	50	ug/kg	U	U
TRIP BLANK	Trichloroethene	50	ug/kg	U	U
TRIP BLANK	1,1-Dichloropropene	50	ug/kg	U	U
TRIP BLANK	1,3-Dichlorobenzene	50	ug/kg	U	U
TRIP BLANK	1,2,4-Trichlorobenzene	50	ug/kg	U	U
TRIP BLANK	1,1,2,2-Tetrachloroethane	50	ug/kg	U	U
TRIP BLANK	1-Chlorohexane	50	ug/kg	U	U
TRIP BLANK	Ethyl ether	50	ug/kg	U	U
TRIP BLANK	1,1,1-Trichloroethane	50	ug/kg	U	U
TRIP BLANK	n-Propylbenzene	50	ug/kg	U	U
TRIP BLANK	Bromoform	50	ug/kg	U	U
TRIP BLANK	Isopropylbenzene	50	ug/kg	U	U
TRIP BLANK	o-Xylene	50	ug/kg	U	U
TRIP BLANK	1,2,3-Trichloropropane	50	ug/kg	U	U
TRIP BLANK	Tetrahydrofuran	500	ug/kg	U	UJ
TRIP BLANK	Dichlorodifluoromethane	50	ug/kg	U	U
TRIP BLANK	2-Butanone	500	ug/kg	U	U
TRIP BLANK	m,p-Xylenes	48	ug/kg	U	U
TRIP BLANK	2-Chlorotoluene	50	ug/kg	U	U
TRIP BLANK	Tert-amyl methyl ether	52	ug/kg	U	U
TRIP BLANK	1,2,3-Trichlorobenzene	53	ug/kg	U	U

TRIP BLANK	1,1-Dichloroethene	55	ug/kg	U	U
TRIP BLANK	1,3,5-Trichlorobenzene	56	ug/kg	U	U
TRIP BLANK	Hexachlorobutadiene	56	ug/kg	U	U
TRIP BLANK	trans-1,2-Dichloroethene	56	ug/kg	U	U
TRIP BLANK	Dibromomethane	57	ug/kg	U	U
TRIP BLANK	Trichlorofluoromethane	58	ug/kg	U	U
TRIP BLANK	1,1,2-Trichloroethane	65	ug/kg	U	U
TRIP BLANK	Carbon tetrachloride	66	ug/kg	U	U
TRIP BLANK	Methylene chloride	72	ug/kg	U	U
TRIP BLANK	1,2-Dibromo-3-chloropropane	74	ug/kg	U	U
TRIP BLANK	Acetone	740	ug/kg	U	U
TRIP BLANK	Bromomethane	80	ug/kg	U	U
TRIP BLANK	Chloroethane	80	ug/kg	U	U
TRIP BLANK	Naphthalene	84	ug/kg	U	U
TRIP BLANK	Carbon disulfide	110	ug/kg	U	U
TRIP BLANK	1,3-Dichloropropane	50	ug/kg	U	U
TRIP BLANK	Styrene	50	ug/kg	U	U
TRIP BLANK	1,4-Dichlorobenzene	50	ug/kg	U	U
TRIP BLANK	1,2,4-Trimethylbenzene	50	ug/kg	U	U
TRIP BLANK	Diisopropyl ether	50	ug/kg	U	U
TRIP BLANK	4-Chlorotoluene	50	ug/kg	U	U
TRIP BLANK	Ethylbenzene	50	ug/kg	U	U
TRIP BLANK	p-Isopropyltoluene	50	ug/kg	U	U
TRIP BLANK	1,2-Dichloroethane	50	ug/kg	U	U
TRIP BLANK	1,3,5-Trimethylbenzene	50	ug/kg	U	U
TRIP BLANK	Chlorobenzene	50	ug/kg	U	U
TRIP BLANK	sec-Butylbenzene	50	ug/kg	U	U
TRIP BLANK	Benzene	50	ug/kg	U	U
TRIP BLANK	n-Butylbenzene	50	ug/kg	U	U
TRIP BLANK	1,1-Dichloroethane	50	ug/kg	U	U
TRIP BLANK	cis-1,2-Dichloroethene	50	ug/kg	U	U
TRIP BLANK	tert-Butylbenzene	50	ug/kg	U	U
TRIP BLANK	4-Methyl-2-pentanone	500	ug/kg	U	U
TRIP BLANK	1,1,1,2-TETRACHLOROETHANE	50	ug/kg	U	U
TRIP BLANK	1,2-Dichlorobenzene	50	ug/kg	U	U
TRIP BLANK	Vinyl chloride	50	ug/kg	U	U
TRIP BLANK	1,2-Dichloropropane	50	ug/kg	U	U
TRIP BLANK	2,2-Dichloropropane	50	ug/kg	U	U
TRIP BLANK	Bromodichloromethane	50	ug/kg	U	U
TRIP BLANK	Methyl tert-butyl ether	50	ug/kg	U	U
TRIP BLANK	Tetrachloroethene	50	ug/kg	U	U
TRIP BLANK	Toluene	50	ug/kg	U	U
TRIP BLANK	Bromobenzene	50	ug/kg	U	U
TRIP BLANK	2-Hexanone	500	ug/kg	U	U
FIELD DUPLICATE #4	Tert-butyl alcohol	1200	ug/kg	U	U
SIS5SB01A	Tert-butyl alcohol	1200	ug/kg	U	U
SIS5SB01B	Tert-butyl alcohol	1400	ug/kg	U	U
TRIP BLANK	Tert-butyl alcohol	1300	ug/kg	U	U
RB2-AUGER	Aroclor 1016	0.38	ug/L	U	U
RB2-AUGER	Aroclor 1221	0.30	ug/L	U	U
RB2-AUGER	Aroclor 1232	0.47	ug/L	U	U
RB2-AUGER	Aroclor 1242	0.32	ug/L	U	U

RB2-AUGER	Aroclor 1248	0.39	ug/L	U	U
RB2-AUGER	Aroclor 1254	0.30	ug/L	U	U
RB2-AUGER	Aroclor 1260	0.38	ug/L	U	U
RB4-SPOON	Aroclor 1016	0.39	ug/L	U	U
RB4-SPOON	Aroclor 1221	0.31	ug/L	U	U
RB4-SPOON	Aroclor 1232	0.48	ug/L	U	U
RB4-SPOON	Aroclor 1242	0.33	ug/L	U	U
RB4-SPOON	Aroclor 1248	0.40	ug/L	U	U
RB4-SPOON	Aroclor 1254	0.31	ug/L	U	U
RB4-SPOON	Aroclor 1260	0.39	ug/L	U	U
SIS18SB10B	Aroclor 1016	34	ug/kg	U	U
SIS18SB10B	Aroclor 1221	44	ug/kg	U	U
SIS18SB10B	Aroclor 1232	51	ug/kg	U	U
SIS18SB10B	Aroclor 1242	37	ug/kg	U	U
SIS18SB10B	Aroclor 1248	32	ug/kg	U	U
SIS18SB10B	Aroclor 1254	32	ug/kg	U	U
SIS18SB10B	Aroclor 1260	32	ug/kg	U	U
SIS18SB10C	Aroclor 1016	35	ug/kg	U	U
SIS18SB10C	Aroclor 1221	46	ug/kg	U	U
SIS18SB10C	Aroclor 1232	53	ug/kg	U	U
SIS18SB10C	Aroclor 1242	38	ug/kg	U	U
SIS18SB10C	Aroclor 1248	34	ug/kg	U	U
SIS18SB10C	Aroclor 1254	34	ug/kg	U	U
SIS18SB10C	Aroclor 1260	34	ug/kg	U	U
SIS18SB10D	Aroclor 1016	35	ug/kg	U	U
SIS18SB10D	Aroclor 1221	46	ug/kg	U	U
SIS18SB10D	Aroclor 1232	52	ug/kg	U	U
SIS18SB10D	Aroclor 1242	38	ug/kg	U	U
SIS18SB10D	Aroclor 1248	33	ug/kg	U	U
SIS18SB10D	Aroclor 1254	33	ug/kg	U	U
SIS18SB10D	Aroclor 1260	33	ug/kg	U	U
SIS18SB11B	Aroclor 1016	34	ug/kg	U	U
SIS18SB11B	Aroclor 1221	45	ug/kg	U	U
SIS18SB11B	Aroclor 1232	52	ug/kg	U	U
SIS18SB11B	Aroclor 1242	37	ug/kg	U	U
SIS18SB11B	Aroclor 1248	33	ug/kg	U	U
SIS18SB11B	Aroclor 1254	33	ug/kg	U	U
SIS18SB11B	Aroclor 1260	33	ug/kg	U	U
SIS18SB11C	Aroclor 1016	36	ug/kg	U	U
SIS18SB11C	Aroclor 1221	47	ug/kg	U	U
SIS18SB11C	Aroclor 1232	54	ug/kg	U	U
SIS18SB11C	Aroclor 1242	39	ug/kg	U	U
SIS18SB11C	Aroclor 1248	35	ug/kg	U	U
SIS18SB11C	Aroclor 1254	35	ug/kg	U	U
SIS18SB11C	Aroclor 1260	35	ug/kg	U	U
SIS18SB11D	Aroclor 1016	35	ug/kg	U	U
SIS18SB11D	Aroclor 1221	46	ug/kg	U	U
SIS18SB11D	Aroclor 1232	53	ug/kg	U	U
SIS18SB11D	Aroclor 1242	38	ug/kg	U	U
SIS18SB11D	Aroclor 1248	34	ug/kg	U	U
SIS18SB11D	Aroclor 1254	34	ug/kg	U	U
SIS18SB11D	Aroclor 1260	34	ug/kg	U	U

SIS18SB4C	Aroclor 1016	34	ug/kg	U	UJ
SIS18SB4C	Aroclor 1221	44	ug/kg	U	UJ
SIS18SB4C	Aroclor 1232	51	ug/kg	U	UJ
SIS18SB4C	Aroclor 1242	37	ug/kg	U	UJ
SIS18SB4C	Aroclor 1248	32	ug/kg	U	UJ
SIS18SB4C	Aroclor 1254	32	ug/kg	U	UJ
SIS18SB4C	Aroclor 1260	32	ug/kg	U	UJ
SIS18SB4D	Aroclor 1016	34	ug/kg	U	U
SIS18SB4D	Aroclor 1221	46	ug/kg	U	U
SIS18SB4D	Aroclor 1232	52	ug/kg	U	U
SIS18SB4D	Aroclor 1242	38	ug/kg	U	U
SIS18SB4D	Aroclor 1248	33	ug/kg	U	U
SIS18SB4D	Aroclor 1254	33	ug/kg	U	U
SIS18SB4D	Aroclor 1260	33	ug/kg	U	U
SIS18SB9B	Aroclor 1016	35	ug/kg	U	U
SIS18SB9B	Aroclor 1221	46	ug/kg	U	U
SIS18SB9B	Aroclor 1232	53	ug/kg	U	U
SIS18SB9B	Aroclor 1242	38	ug/kg	U	U
SIS18SB9B	Aroclor 1248	34	ug/kg	U	U
SIS18SB9B	Aroclor 1254	34	ug/kg	U	U
SIS18SB9B	Aroclor 1260	34	ug/kg	U	U
SIS18SB9C	Aroclor 1016	34	ug/kg	U	U
SIS18SB9C	Aroclor 1221	46	ug/kg	U	U
SIS18SB9C	Aroclor 1232	52	ug/kg	U	U
SIS18SB9C	Aroclor 1242	38	ug/kg	U	U
SIS18SB9C	Aroclor 1248	33	ug/kg	U	U
SIS18SB9C	Aroclor 1254	33	ug/kg	U	U
SIS18SB9C	Aroclor 1260	33	ug/kg	U	U
SIS18SB9C DUP	Aroclor 1016	35	ug/kg	U	U
SIS18SB9C DUP	Aroclor 1221	46	ug/kg	U	U
SIS18SB9C DUP	Aroclor 1232	52	ug/kg	U	U
SIS18SB9C DUP	Aroclor 1242	38	ug/kg	U	U
SIS18SB9C DUP	Aroclor 1248	33	ug/kg	U	U
SIS18SB9C DUP	Aroclor 1254	33	ug/kg	U	U
SIS18SB9C DUP	Aroclor 1260	33	ug/kg	U	U
SIS18SB9D	Aroclor 1016	35	ug/kg	U	U
SIS18SB9D	Aroclor 1221	46	ug/kg	U	U
SIS18SB9D	Aroclor 1232	53	ug/kg	U	U
SIS18SB9D	Aroclor 1242	38	ug/kg	U	U
SIS18SB9D	Aroclor 1248	34	ug/kg	U	U
SIS18SB9D	Aroclor 1254	34	ug/kg	U	U
SIS18SB9D	Aroclor 1260	34	ug/kg	U	U
SIS18SD10	Aroclor 1016	190	ug/kg	U	UJ
SIS18SD10	Aroclor 1221	250	ug/kg	U	UJ
SIS18SD10	Aroclor 1232	280	ug/kg	U	UJ
SIS18SD10	Aroclor 1242	200	ug/kg	U	UJ
SIS18SD10	Aroclor 1248	180	ug/kg	U	UJ
SIS18SD10	Aroclor 1254	180	ug/kg	U	UJ
SIS18SD10	Aroclor 1260	180	ug/kg	U	UJ
SIS18SD10 DUP	Aroclor 1016	97	ug/kg	U	UJ
SIS18SD10 DUP	Aroclor 1221	130	ug/kg	U	UJ
SIS18SD10 DUP	Aroclor 1232	150	ug/kg	U	UJ

SIS18SD10 DUP	Aroclor 1242	110	ug/kg	U	UJ
SIS18SD10 DUP	Aroclor 1248	94	ug/kg	U	UJ
SIS18SD10 DUP	Aroclor 1254	94	ug/kg	U	UJ
SIS18SD10 DUP	Aroclor 1260	94	ug/kg	U	UJ
SIS18SD8	Aroclor 1016	140	ug/kg	U	UJ
SIS18SD8	Aroclor 1221	190	ug/kg	U	UJ
SIS18SD8	Aroclor 1232	210	ug/kg	U	UJ
SIS18SD8	Aroclor 1242	160	ug/kg	U	UJ
SIS18SD8	Aroclor 1248	140	ug/kg	U	UJ
SIS18SD8	Aroclor 1254	140	ug/kg	U	UJ
SIS18SD8	Aroclor 1260	140	ug/kg	U	UJ
SIS18SD9	Aroclor 1016	120	ug/kg	U	UJ
SIS18SD9	Aroclor 1221	160	ug/kg	U	UJ
SIS18SD9	Aroclor 1232	190	ug/kg	U	UJ
SIS18SD9	Aroclor 1242	140	ug/kg	U	UJ
SIS18SD9	Aroclor 1248	120	ug/kg	U	UJ
SIS18SD9	Aroclor 1254	120	ug/kg	U	UJ
SIS18SD9	Aroclor 1260	120	ug/kg	U	UJ
SIS18SS10	Aroclor 1016	45	ug/kg	U	U
SIS18SS10	Aroclor 1221	59	ug/kg	U	U
SIS18SS10	Aroclor 1232	68	ug/kg	U	U
SIS18SS10	Aroclor 1242	49	ug/kg	U	U
SIS18SS10	Aroclor 1248	43	ug/kg	U	U
SIS18SS10	Aroclor 1254	93	ug/kg	P	J
SIS18SS10	Aroclor 1260	43	ug/kg	U	U
SIS18SS11	Aroclor 1016	59	ug/kg	U	U
SIS18SS11	Aroclor 1221	78	ug/kg	U	U
SIS18SS11	Aroclor 1232	90	ug/kg	U	U
SIS18SS11	Aroclor 1242	65	ug/kg	U	U
SIS18SS11	Aroclor 1248	57	ug/kg	U	U
SIS18SS11	Aroclor 1254	480	ug/kg		J
SIS18SS11	Aroclor 1260	57	ug/kg	U	U
SIS18SS12	Aroclor 1016	40	ug/kg	U	U
SIS18SS12	Aroclor 1221	53	ug/kg	U	U
SIS18SS12	Aroclor 1232	60	ug/kg	U	U
SIS18SS12	Aroclor 1242	44	ug/kg	U	U
SIS18SS12	Aroclor 1248	38	ug/kg	U	U
SIS18SS12	Aroclor 1254	390	ug/kg		
SIS18SS12	Aroclor 1260	38	ug/kg	U	U
SIS18SS13	Aroclor 1016	46	ug/kg	U	U
SIS18SS13	Aroclor 1221	61	ug/kg	U	U
SIS18SS13	Aroclor 1232	70	ug/kg	U	U
SIS18SS13	Aroclor 1242	50	ug/kg	U	U
SIS18SS13	Aroclor 1248	44	ug/kg	U	U
SIS18SS13	Aroclor 1254	510	ug/kg		
SIS18SS13	Aroclor 1260	44	ug/kg	U	U
SIS18SS9	Aroclor 1016	66	ug/kg	U	UJ
SIS18SS9	Aroclor 1221	88	ug/kg	U	UJ
SIS18SS9	Aroclor 1232	100	ug/kg	U	UJ
SIS18SS9	Aroclor 1242	73	ug/kg	U	UJ
SIS18SS9	Aroclor 1248	64	ug/kg	U	UJ
SIS18SS9	Aroclor 1254	450	ug/kg		J

SIS18SS9	Aroclor 1260	64	ug/kg	U	UJ
SIS18SS9 DUP	Aroclor 1016	43	ug/kg	U	UJ
SIS18SS9 DUP	Aroclor 1221	57	ug/kg	U	UJ
SIS18SS9 DUP	Aroclor 1232	66	ug/kg	U	UJ
SIS18SS9 DUP	Aroclor 1242	48	ug/kg	U	UJ
SIS18SS9 DUP	Aroclor 1248	42	ug/kg	U	UJ
SIS18SS9 DUP	Aroclor 1254	280	ug/kg		J
SIS18SS9 DUP	Aroclor 1260	42	ug/kg	U	UJ
SIS18SD10	Total Organic Carbon (TOC)	55000	mg/kg		
SIS18SD8	Total Organic Carbon (TOC)	86000	mg/kg		
SIS18SD9	Total Organic Carbon (TOC)	180000	mg/kg		
SIS18SD9 DUP	Total Organic Carbon (TOC)	170000	mg/kg		
RB2-AUGER	Copper	1.9	ug/L	U	U
SIS18SS10	Copper	780	mg/kg		J
SIS18SS11	Copper	2170	mg/kg		J
SIS18SS12	Copper	230	mg/kg		J
SIS18SS13	Copper	351	mg/kg	Y	J
SIS18SS9	Copper	1090	mg/kg		J
SIS18SS9 DUP	Copper	343	mg/kg		J
SIS18SW10	Copper	1.9	ug/L	U	U
SIS18SW2	Copper	1.9	ug/L	U	U
SIS18SW2 DUP	Copper	1.9	ug/L	U	U
SIS18SW3	Copper	3.0	ug/L	J	J
SIS18SW4	Copper	1.9	ug/L	U	U
SIS18SW5	Copper	1.9	ug/L	U	U
SIS18SW6	Copper	1.9	ug/L	U	U
SIS18SW7	Copper	1.9	ug/L	J	J
SIS18SW8	Copper	2.1	ug/L	J	J
SIS18SW9	Copper	1.9	ug/L	U	U
RB2-AUGER	Mercury	0.040	ug/L	U	U
SIS18SD10	Mercury	0.053	mg/kg		J
SIS18SD3	Mercury	0.091	mg/kg		J
SIS18SD4	Mercury	0.11	mg/kg		J
SIS18SD5	Mercury	0.14	mg/kg	Y	J
SIS18SD6	Mercury	0.026	mg/kg		J
SIS18SD7	Mercury	0.10	mg/kg		J
SIS18SD8	Mercury	0.26	mg/kg		J
SIS18SD8 DUP	Mercury	0.25	mg/kg		J
SIS18SD9	Mercury	0.082	mg/kg		J
SIS18SS10	Mercury	0.27	mg/kg		J
SIS18SS11	Mercury	1.3	mg/kg		J
SIS18SS12	Mercury	0.32	mg/kg		J
SIS18SS13	Mercury	0.47	mg/kg		J
SIS18SS9	Mercury	0.82	mg/kg		J
SIS18SS9 DUP	Mercury	0.28	mg/kg		J
SIS18SB10B	Total Solids	92.5	%		
SIS18SB10C	Total Solids	88.9	%		
SIS18SB10D	Total Solids	89.8	%		
SIS18SB11B	Total Solids	90.8	%		
SIS18SB11C	Total Solids	87.1	%		
SIS18SB11D	Total Solids	87.7	%		
SIS18SB4C	Total Solids	92.4	%		

SIS18SB4D	Total Solids	89.3	%		
SIS18SB9B	Total Solids	91.6	%		
SIS18SB9C	Total Solids	90.4	%		
SIS18SB9C DUP	Total Solids	89.4	%		
SIS18SB9D	Total Solids	88.8	%		
SIS18SD10	Total Solids	16.6	%		
SIS18SD10 DUP	Total Solids	31.7	%		
SIS18SD3	Total Solids	15.4	%		
SIS18SD4	Total Solids	14.2	%		
SIS18SD5	Total Solids	10.3	%		
SIS18SD6	Total Solids	50.8	%		
SIS18SD7	Total Solids	9.3	%		
SIS18SD8	Total Solids	21.9	%		
SIS18SD8 DUP	Total Solids	22.8	%		
SIS18SD9	Total Solids	25.2	%		
SIS18SD9 DUP	Total Solids	30.7	%		
SIS18SS10	Total Solids	69.2	%		
SIS18SS11	Total Solids	52.3	%		
SIS18SS12	Total Solids	77.9	%		
SIS18SS13	Total Solids	67.6	%		
SIS18SS9	Total Solids	46.4	%		
SIS18SS9 DUP	Total Solids	71	%		
RB2-AUGER	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
RB2-AUGER	1,2-Dibromoethane	0.090	ug/L	U	U
RB4-SPOON	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
RB4-SPOON	1,2-Dibromoethane	0.090	ug/L	U	U
RB2-AUGER	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
RB2-AUGER	1,1,1-Trichloroethane	0.20	ug/L	U	U
RB2-AUGER	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	U
RB2-AUGER	1,1,2-Trichloroethane	0.20	ug/L	U	U
RB2-AUGER	1,1-Dichloroethane	0.20	ug/L	U	U
RB2-AUGER	1,1-Dichloroethene	0.20	ug/L	U	U
RB2-AUGER	1,1-Dichloropropene	0.20	ug/L	U	U
RB2-AUGER	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
RB2-AUGER	1,2,3-Trichloropropane	0.20	ug/L	U	U
RB2-AUGER	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
RB2-AUGER	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
RB2-AUGER	1,2-Dichlorobenzene	0.20	ug/L	U	U
RB2-AUGER	1,2-Dichloroethane	0.20	ug/L	U	U
RB2-AUGER	1,2-Dichloropropane	0.20	ug/L	U	U
RB2-AUGER	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
RB2-AUGER	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
RB2-AUGER	1,3-Dichlorobenzene	0.20	ug/L	U	U
RB2-AUGER	1,3-Dichloropropane	0.25	ug/L	U	U
RB2-AUGER	1,4-Dichlorobenzene	0.20	ug/L	U	U
RB2-AUGER	1-Chlorohexane	0.20	ug/L	U	U
RB2-AUGER	2,2-Dichloropropane	0.20	ug/L	U	U
RB2-AUGER	2-Butanone	2.0	ug/L	U	U
RB2-AUGER	2-Chlorotoluene	0.20	ug/L	U	U
RB2-AUGER	2-Hexanone	5.2	ug/L	U	U
RB2-AUGER	4-Chlorotoluene	0.20	ug/L	U	U
RB2-AUGER	4-Methyl-2-pentanone	2.8	ug/L	U	U

RB2-AUGER	Acetone	5.2	ug/L	U	U
RB2-AUGER	Benzene	0.20	ug/L	U	U
RB2-AUGER	Bromobenzene	0.22	ug/L	U	U
RB2-AUGER	Bromochloromethane	0.20	ug/L	U	U
RB2-AUGER	Bromodichloromethane	0.20	ug/L	U	U
RB2-AUGER	Bromoform	0.20	ug/L	U	U
RB2-AUGER	Bromomethane	0.25	ug/L	U	U
RB2-AUGER	Carbon disulfide	0.31	ug/L	U	U
RB2-AUGER	Carbon tetrachloride	0.20	ug/L	U	U
RB2-AUGER	Chlorobenzene	0.20	ug/L	U	U
RB2-AUGER	Chloroethane	0.23	ug/L	U	U
RB2-AUGER	Chloroform	0.20	ug/L	U	U
RB2-AUGER	Chloromethane	0.32	ug/L	B	U
RB2-AUGER	cis-1,2-Dichloroethene	0.20	ug/L	U	U
RB2-AUGER	cis-1,3-Dichloropropene	0.20	ug/L	U	U
RB2-AUGER	Dibromochloromethane	0.20	ug/L	U	U
RB2-AUGER	Dibromomethane	0.21	ug/L	U	U
RB2-AUGER	Dichlorodifluoromethane	0.20	ug/L	U	U
RB2-AUGER	Diisopropyl ether	0.20	ug/L	U	U
RB2-AUGER	Ethylbenzene	0.20	ug/L	U	U
RB2-AUGER	Hexachlorobutadiene	0.20	ug/L	U	U
RB2-AUGER	Isopropylbenzene	0.20	ug/L	U	U
RB2-AUGER	m,p-Xylenes	0.26	ug/L	U	U
RB2-AUGER	Methylene chloride	16	ug/L		
RB2-AUGER	Naphthalene	0.20	ug/L	U	U
RB2-AUGER	n-Butylbenzene	0.20	ug/L	U	U
RB2-AUGER	n-Propylbenzene	0.20	ug/L	U	U
RB2-AUGER	o-Xylene	0.20	ug/L	U	U
RB2-AUGER	p-Isopropyltoluene	0.20	ug/L	U	U
RB2-AUGER	sec-Butylbenzene	0.20	ug/L	U	U
RB2-AUGER	Styrene	0.20	ug/L	U	U
RB2-AUGER	Tert-amyl methyl ether	1.0	ug/L	U	U
RB2-AUGER	TERT-BUTYL ALCOHOL	20	ug/L	U	U
RB2-AUGER	Tert-butyl ethyl ether	1.0	ug/L	U	U
RB2-AUGER	tert-Butylbenzene	0.20	ug/L	U	U
RB2-AUGER	Tetrachloroethene	0.20	ug/L	U	U
RB2-AUGER	Tetrahydrofuran	6.6	ug/L		
RB2-AUGER	Toluene	1.3	ug/L		
RB2-AUGER	trans-1,2-Dichloroethene	0.21	ug/L	U	U
RB2-AUGER	trans-1,3-Dichloropropene	0.20	ug/L	U	U
RB2-AUGER	Trichloroethene	0.20	ug/L	U	U
RB2-AUGER	Trichlorofluoromethane	0.20	ug/L	U	U
RB2-AUGER	Vinyl chloride	0.20	ug/L	U	U
RB4-SPOON	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
RB4-SPOON	1,1,1-Trichloroethane	0.20	ug/L	U	U
RB4-SPOON	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	U
RB4-SPOON	1,1,2-Trichloroethane	0.20	ug/L	U	U
RB4-SPOON	1,1-Dichloroethane	0.20	ug/L	U	U
RB4-SPOON	1,1-Dichloroethene	0.20	ug/L	U	U
RB4-SPOON	1,1-Dichloropropene	0.20	ug/L	U	U
RB4-SPOON	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
RB4-SPOON	1,2,3-Trichloropropane	0.20	ug/L	U	U

RB4-SPOON	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
RB4-SPOON	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
RB4-SPOON	1,2-Dichlorobenzene	0.20	ug/L	U	U
RB4-SPOON	1,2-Dichloroethane	0.20	ug/L	U	U
RB4-SPOON	1,2-Dichloropropane	0.20	ug/L	U	U
RB4-SPOON	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
RB4-SPOON	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
RB4-SPOON	1,3-Dichlorobenzene	0.20	ug/L	U	U
RB4-SPOON	1,3-Dichloropropane	0.25	ug/L	U	U
RB4-SPOON	1,4-Dichlorobenzene	0.20	ug/L	U	U
RB4-SPOON	1-Chlorohexane	0.20	ug/L	U	U
RB4-SPOON	2,2-Dichloropropane	0.20	ug/L	U	U
RB4-SPOON	2-Butanone	2.0	ug/L	U	U
RB4-SPOON	2-Chlorotoluene	0.20	ug/L	U	U
RB4-SPOON	2-Hexanone	5.2	ug/L	U	U
RB4-SPOON	4-Chlorotoluene	0.20	ug/L	U	U
RB4-SPOON	4-Methyl-2-pentanone	2.8	ug/L	U	U
RB4-SPOON	Acetone	5.2	ug/L	U	U
RB4-SPOON	Benzene	0.20	ug/L	U	U
RB4-SPOON	Bromobenzene	0.22	ug/L	U	U
RB4-SPOON	Bromochloromethane	0.20	ug/L	U	U
RB4-SPOON	Bromodichloromethane	0.20	ug/L	U	U
RB4-SPOON	Bromoform	0.20	ug/L	U	U
RB4-SPOON	Bromomethane	0.25	ug/L	U	U
RB4-SPOON	Carbon disulfide	0.31	ug/L	U	U
RB4-SPOON	Carbon tetrachloride	0.20	ug/L	U	U
RB4-SPOON	Chlorobenzene	0.20	ug/L	U	U
RB4-SPOON	Chloroethane	0.23	ug/L	U	U
RB4-SPOON	Chloroform	0.25	ug/L		
RB4-SPOON	Chloromethane	0.45	ug/L	B	U
RB4-SPOON	cis-1,2-Dichloroethene	0.20	ug/L	U	U
RB4-SPOON	cis-1,3-Dichloropropene	0.20	ug/L	U	U
RB4-SPOON	Dibromochloromethane	0.20	ug/L	U	U
RB4-SPOON	Dibromomethane	0.21	ug/L	U	U
RB4-SPOON	Dichlorodifluoromethane	0.20	ug/L	U	U
RB4-SPOON	Diisopropyl ether	0.20	ug/L	U	U
RB4-SPOON	Ethylbenzene	0.20	ug/L	U	U
RB4-SPOON	Hexachlorobutadiene	0.20	ug/L	U	U
RB4-SPOON	Isopropylbenzene	0.20	ug/L	U	U
RB4-SPOON	m,p-Xylenes	0.26	ug/L	U	U
RB4-SPOON	Methylene chloride	16	ug/L		
RB4-SPOON	Naphthalene	0.20	ug/L	U	U
RB4-SPOON	n-Butylbenzene	0.20	ug/L	U	U
RB4-SPOON	n-Propylbenzene	0.20	ug/L	U	U
RB4-SPOON	o-Xylene	0.20	ug/L	U	U
RB4-SPOON	p-Isopropyltoluene	0.20	ug/L	U	U
RB4-SPOON	sec-Butylbenzene	0.20	ug/L	U	U
RB4-SPOON	Styrene	0.20	ug/L	U	U
RB4-SPOON	Tert-amyl methyl ether	1.0	ug/L	U	U
RB4-SPOON	TERT-BUTYL ALCOHOL	20	ug/L	U	U
RB4-SPOON	Tert-butyl ethyl ether	1.0	ug/L	U	U
RB4-SPOON	tert-Butylbenzene	0.20	ug/L	U	U

RB4-SPOON	Tetrachloroethene	0.20	ug/L	U	U
RB4-SPOON	Tetrahydrofuran	7.5	ug/L		
RB4-SPOON	Toluene	1.3	ug/L		
RB4-SPOON	trans-1,2-Dichloroethene	0.21	ug/L	U	U
RB4-SPOON	trans-1,3-Dichloropropene	0.20	ug/L	U	U
RB4-SPOON	Trichloroethene	0.20	ug/L	U	U
RB4-SPOON	Trichlorofluoromethane	0.20	ug/L	U	U
RB4-SPOON	Vinyl chloride	0.20	ug/L	U	U
RB2-AUGER	1,2,4-Trichlorobenzene	1.0	ug/L	U	U
RB2-AUGER	1,2-Dichlorobenzene	1.0	ug/L	U	U
RB2-AUGER	1,3-Dichlorobenzene	1.0	ug/L	U	U
RB2-AUGER	1,4-Dichlorobenzene	1.0	ug/L	U	U
RB2-AUGER	2,4,5-Trichlorophenol	2.7	ug/L	U	U
RB2-AUGER	2,4,6-Trichlorophenol	2.9	ug/L	UQ	UJ
RB2-AUGER	2,4-Dichlorophenol	2.0	ug/L	U	U
RB2-AUGER	2,4-Dimethylphenol	4.0	ug/L	U	U
RB2-AUGER	2,4-Dinitrophenol	5.1	ug/L	UQ	R
RB2-AUGER	2,4-Dinitrotoluene	1.0	ug/L	U	U
RB2-AUGER	2,6-Dinitrotoluene	1.0	ug/L	U	U
RB2-AUGER	2-Chloronaphthalene	1.0	ug/L	U	U
RB2-AUGER	2-Chlorophenol	2.3	ug/L	U	U
RB2-AUGER	2-Methyl-4,6-dinitrophenol	5.0	ug/L	UQ	UJ
RB2-AUGER	2-Methylnaphthalene	1.0	ug/L	U	U
RB2-AUGER	2-Methylphenol	2.9	ug/L	U	U
RB2-AUGER	2-Nitroaniline	1.0	ug/L	U	U
RB2-AUGER	2-Nitrophenol	2.0	ug/L	U	U
RB2-AUGER	3,3'-Dichlorobenzidine	9.9	ug/L	UQ	U
RB2-AUGER	3-Nitroaniline	1.0	ug/L	U	U
RB2-AUGER	4-Bromophenyl phenyl ether	1.0	ug/L	U	U
RB2-AUGER	4-Chloro-3-methylphenol	3.7	ug/L	U	U
RB2-AUGER	4-Chloroaniline	1.0	ug/L	U	U
RB2-AUGER	4-Chlorophenyl phenyl ether	1.0	ug/L	U	U
RB2-AUGER	4-Methylphenol	2.2	ug/L	U	U
RB2-AUGER	4-Nitroaniline	1.5	ug/L	U	U
RB2-AUGER	4-Nitrophenol	5.0	ug/L	UQ	R
RB2-AUGER	Acenaphthene	1.0	ug/L	U	U
RB2-AUGER	Acenaphthylene	1.0	ug/L	U	U
RB2-AUGER	Anthracene	1.0	ug/L	U	U
RB2-AUGER	Benzo(a)anthracene	1.0	ug/L	U	U
RB2-AUGER	Benzo(a)pyrene	1.0	ug/L	U	U
RB2-AUGER	Benzo(b)fluoranthene	1.0	ug/L	U	U
RB2-AUGER	Benzo(g,h,i)perylene	1.0	ug/L	U	U
RB2-AUGER	Benzo(k)fluoranthene	1.0	ug/L	U	U
RB2-AUGER	Benzoic acid	38	ug/L	U	R
RB2-AUGER	Benzyl alcohol	1.0	ug/L	U	U
RB2-AUGER	Bis(2-chloroethoxy)methane	1.0	ug/L	U	U
RB2-AUGER	Bis(2-chloroethyl) ether	1.0	ug/L	U	U
RB2-AUGER	Bis(2-chloroisopropyl) ether	1.0	ug/L	U	U
RB2-AUGER	Bis(2-ethylhexyl) phthalate	2.3	ug/L	B	U
RB2-AUGER	Butylbenzyl phthalate	1.0	ug/L	U	U
RB2-AUGER	Chrysene	1.0	ug/L	U	U
RB2-AUGER	Dibenzo(a,h)anthracene	1.0	ug/L	U	U

RB2-AUGER	Dibenzofuran	1.0	ug/L	U	U
RB2-AUGER	Diethyl phthalate	0.26	ug/L	JB	U
RB2-AUGER	Dimethyl phthalate	1.0	ug/L	U	U
RB2-AUGER	Di-n-butyl phthalate	1.0	ug/L	JB	U
RB2-AUGER	Di-n-octyl phthalate	1.0	ug/L	U	U
RB2-AUGER	Fluoranthene	1.0	ug/L	U	U
RB2-AUGER	Fluorene	1.0	ug/L	U	U
RB2-AUGER	Hexachlorobenzene	1.0	ug/L	U	U
RB2-AUGER	Hexachlorobutadiene	1.0	ug/L	U	U
RB2-AUGER	Hexachloroethane	1.0	ug/L	U	U
RB2-AUGER	Indeno(1,2,3-cd)pyrene	1.0	ug/L	U	U
RB2-AUGER	Isophorone	1.0	ug/L	U	U
RB2-AUGER	Naphthalene	0.23	ug/L	J	J
RB2-AUGER	Nitrobenzene	1.0	ug/L	U	U
RB2-AUGER	N-Nitroso-di-n-propylamine	1.0	ug/L	U	U
RB2-AUGER	N-Nitrosodiphenylamine	2.0	ug/L	U	U
RB2-AUGER	Pentachlorophenol	5.0	ug/L	UQ	UJ
RB2-AUGER	Phenanthrene	1.0	ug/L	U	U
RB2-AUGER	Phenol	0.39	ug/L	J	J
RB2-AUGER	Pyrene	1.0	ug/L	U	U
RB4-SPOON	1,2,4-Trichlorobenzene	1.0	ug/L	U	U
RB4-SPOON	1,2-Dichlorobenzene	1.0	ug/L	U	U
RB4-SPOON	1,3-Dichlorobenzene	1.0	ug/L	U	U
RB4-SPOON	1,4-Dichlorobenzene	1.0	ug/L	U	U
RB4-SPOON	2,4,5-Trichlorophenol	2.7	ug/L	U	U
RB4-SPOON	2,4,6-Trichlorophenol	2.9	ug/L	UQ	U
RB4-SPOON	2,4-Dichlorophenol	2.1	ug/L	U	U
RB4-SPOON	2,4-Dimethylphenol	4.1	ug/L	U	U
RB4-SPOON	2,4-Dinitrophenol	5.2	ug/L	UQ	U
RB4-SPOON	2,4-Dinitrotoluene	1.0	ug/L	U	U
RB4-SPOON	2,6-Dinitrotoluene	1.0	ug/L	U	U
RB4-SPOON	2-Chloronaphthalene	1.0	ug/L	U	U
RB4-SPOON	2-Chlorophenol	2.3	ug/L	U	U
RB4-SPOON	2-Methyl-4,6-dinitrophenol	5.2	ug/L	UQ	U
RB4-SPOON	2-Methylnaphthalene	1.0	ug/L	U	U
RB4-SPOON	2-Methylphenol	3.0	ug/L	U	U
RB4-SPOON	2-Nitroaniline	1.0	ug/L	U	U
RB4-SPOON	2-Nitrophenol	2.1	ug/L	U	U
RB4-SPOON	3,3'-Dichlorobenzidine	10	ug/L	UQ,M	U
RB4-SPOON	3-Nitroaniline	1.0	ug/L	U	U
RB4-SPOON	4-Bromophenyl phenyl ether	1.0	ug/L	U	U
RB4-SPOON	4-Chloro-3-methylphenol	3.8	ug/L	U	U
RB4-SPOON	4-Chloroaniline	1.0	ug/L	U	U
RB4-SPOON	4-Chlorophenyl phenyl ether	1.0	ug/L	U	U
RB4-SPOON	4-Methylphenol	2.3	ug/L	U	U
RB4-SPOON	4-Nitroaniline	1.6	ug/L	U	U
RB4-SPOON	4-Nitrophenol	5.2	ug/L	UQ	U
RB4-SPOON	Acenaphthene	1.0	ug/L	U	U
RB4-SPOON	Acenaphthylene	1.0	ug/L	U	U
RB4-SPOON	Anthracene	1.0	ug/L	U	U
RB4-SPOON	Benzo(a)anthracene	1.0	ug/L	U	U
RB4-SPOON	Benzo(a)pyrene	1.0	ug/L	U	U

RB4-SPOON	Benzo(b)fluoranthene	1.0	ug/L	U	U
RB4-SPOON	Benzo(g,h,i)perylene	1.0	ug/L	U	U
RB4-SPOON	Benzo(k)fluoranthene	1.0	ug/L	U	U
RB4-SPOON	Benzoic acid	39	ug/L	U	U
RB4-SPOON	Benzyl alcohol	1.1	ug/L	U	U
RB4-SPOON	Bis(2-chloroethoxy)methane	1.0	ug/L	U	U
RB4-SPOON	Bis(2-chloroethyl) ether	1.0	ug/L	U	U
RB4-SPOON	Bis(2-chloroisopropyl) ether	1.0	ug/L	U	U
RB4-SPOON	Bis(2-ethylhexyl) phthalate	0.69	ug/L	JB	U
RB4-SPOON	Butylbenzyl phthalate	1.0	ug/L	U	U
RB4-SPOON	Chrysene	1.0	ug/L	U	U
RB4-SPOON	Dibenzo(a,h)anthracene	1.0	ug/L	U	U
RB4-SPOON	Dibenzofuran	1.0	ug/L	U	U
RB4-SPOON	Diethyl phthalate	0.26	ug/L	JB	U
RB4-SPOON	Dimethyl phthalate	0.19	ug/L	J	J
RB4-SPOON	Di-n-butyl phthalate	0.98	ug/L	JB	U
RB4-SPOON	Di-n-octyl phthalate	1.0	ug/L	U	U
RB4-SPOON	Fluoranthene	1.0	ug/L	U	U
RB4-SPOON	Fluorene	1.0	ug/L	U	U
RB4-SPOON	Hexachlorobenzene	1.0	ug/L	U	U
RB4-SPOON	Hexachlorobutadiene	1.0	ug/L	U	U
RB4-SPOON	Hexachloroethane	1.0	ug/L	U	U
RB4-SPOON	Indeno(1,2,3-cd)pyrene	1.0	ug/L	U	U
RB4-SPOON	Isophorone	1.0	ug/L	U	U
RB4-SPOON	Naphthalene	0.26	ug/L	J	J
RB4-SPOON	Nitrobenzene	1.0	ug/L	U	U
RB4-SPOON	N-Nitroso-di-n-propylamine	1.0	ug/L	U	U
RB4-SPOON	N-Nitrosodiphenylamine	2.1	ug/L	U	U
RB4-SPOON	Pentachlorophenol	5.2	ug/L	UQ	U
RB4-SPOON	Phenanthrene	1.0	ug/L	U	U
RB4-SPOON	Phenol	0.47	ug/L	J	J
RB4-SPOON	Pyrene	1.0	ug/L	U	U
RB2-AUGER	1,4-Dioxane	1.0	ug/L	U	UJ
RB4-SPOON	1,4-Dioxane	1.0	ug/L	U	UJ
RB2-AUGER	Methyl tert-butyl ether	0.26	ug/L	U	U
RB4-SPOON	Methyl tert-butyl ether	0.26	ug/L	U	U
RB2-AUGER	Ethyl ether	0.99	ug/L	U	U
RB4-SPOON	Ethyl ether	0.99	ug/L	U	U
DUP 1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
DUP 1	1,2-Dibromoethane	0.090	ug/L	U	U
DUP 2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
DUP 2	1,2-Dibromoethane	0.090	ug/L	U	U
LF003-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
LF003-MW1	1,2-Dibromoethane	0.090	ug/L	U	U
LF003-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
LF003-MW2	1,2-Dibromoethane	0.090	ug/L	U	U
SIS08-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SIS08-MW1	1,2-Dibromoethane	0.090	ug/L	U	U
SIS18-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SIS18-MW1	1,2-Dibromoethane	0.090	ug/L	U	U
SIS18-MW3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SIS18-MW3	1,2-Dibromoethane	0.090	ug/L	U	U

SIS18-MW4	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SIS18-MW4	1,2-Dibromoethane	0.090	ug/L	U	U
SIS18-MW5	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SIS18-MW5	1,2-Dibromoethane	0.090	ug/L	U	U
SS008-MW3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SS008-MW3	1,2-Dibromoethane	0.090	ug/L	U	U
SS008-MW4	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SS008-MW4	1,2-Dibromoethane	0.090	ug/L	U	U
SS009-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SS009-MW1	1,2-Dibromoethane	0.090	ug/L	U	U
SS009-MW3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SS009-MW3	1,2-Dibromoethane	0.090	ug/L	U	U
DUP 1	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
DUP 1	1,1,1-Trichloroethane	0.20	ug/L	U	U
DUP 1	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
DUP 1	1,1,2-Trichloroethane	0.20	ug/L	U	U
DUP 1	1,1-Dichloroethane	0.20	ug/L	U	U
DUP 1	1,1-Dichloroethene	0.20	ug/L	U	U
DUP 1	1,1-Dichloropropene	0.20	ug/L	U	U
DUP 1	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
DUP 1	1,2,3-Trichloropropane	0.20	ug/L	U	U
DUP 1	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
DUP 1	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
DUP 1	1,2-Dichlorobenzene	0.20	ug/L	U	U
DUP 1	1,2-Dichloroethane	0.20	ug/L	U	U
DUP 1	1,2-Dichloropropane	0.20	ug/L	U	U
DUP 1	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
DUP 1	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
DUP 1	1,3-Dichlorobenzene	0.20	ug/L	U	U
DUP 1	1,3-Dichloropropane	0.25	ug/L	U	U
DUP 1	1,4-Dichlorobenzene	0.20	ug/L	U	U
DUP 1	1-Chlorohexane	0.20	ug/L	U	U
DUP 1	2,2-Dichloropropane	0.20	ug/L	U	U
DUP 1	2-Butanone	2.0	ug/L	U	U
DUP 1	2-Chlorotoluene	0.20	ug/L	U	U
DUP 1	2-Hexanone	5.2	ug/L	U	U
DUP 1	4-Chlorotoluene	0.20	ug/L	U	U
DUP 1	4-Methyl-2-pentanone	2.8	ug/L	U	U
DUP 1	Acetone	5.2	ug/L	U	R
DUP 1	Benzene	0.20	ug/L	U	U
DUP 1	Bromobenzene	0.22	ug/L	U	U
DUP 1	Bromochloromethane	0.20	ug/L	U	U
DUP 1	Bromodichloromethane	0.20	ug/L	U	U
DUP 1	Bromoform	0.20	ug/L	U	UJ
DUP 1	Bromomethane	0.25	ug/L	U	U
DUP 1	Carbon disulfide	0.31	ug/L	U	U
DUP 1	Carbon tetrachloride	0.20	ug/L	U	U
DUP 1	Chlorobenzene	0.20	ug/L	U	U
DUP 1	Chloroethane	0.23	ug/L	U	U
DUP 1	Chloroform	0.20	ug/L	U	U
DUP 1	Chloromethane	0.20	ug/L	U	U
DUP 1	cis-1,2-Dichloroethene	0.20	ug/L	U	U

DUP 1	cis-1,3-Dichloropropene	0.20	ug/L	U	U
DUP 1	Dibromochloromethane	0.20	ug/L	U	U
DUP 1	Dibromomethane	0.21	ug/L	U	U
DUP 1	Dichlorodifluoromethane	0.20	ug/L	U	U
DUP 1	Diisopropyl ether	0.20	ug/L	U	U
DUP 1	Ethyl ether	0.99	ug/L	U	U
DUP 1	Ethylbenzene	0.20	ug/L	U	U
DUP 1	Hexachlorobutadiene	0.20	ug/L	U	U
DUP 1	Isopropylbenzene	0.20	ug/L	U	U
DUP 1	m,p-Xylenes	0.26	ug/L	U	U
DUP 1	Methyl tert-butyl ether	15.0	ug/L		U
DUP 1	Methylene chloride	0.59	ug/L	U	UJ
DUP 1	Naphthalene	0.20	ug/L	U	U
DUP 1	n-Butylbenzene	0.20	ug/L	U	U
DUP 1	n-Propylbenzene	0.20	ug/L	U	U
DUP 1	o-Xylene	0.20	ug/L	U	U
DUP 1	p-Isopropyltoluene	0.20	ug/L	U	U
DUP 1	sec-Butylbenzene	0.20	ug/L	U	U
DUP 1	Styrene	0.20	ug/L	U	U
DUP 1	Tert-amyl methyl ether	1.0	ug/L	U	U
DUP 1	TERT-BUTYL ALCOHOL	20	ug/L	U	U
DUP 1	Tert-butyl ethyl ether	1.0	ug/L	U	U
DUP 1	tert-Butylbenzene	0.20	ug/L	U	U
DUP 1	Tetrachloroethene	0.20	ug/L	U	U
DUP 1	Tetrahydrofuran	4.6	ug/L	U	U
DUP 1	Toluene	0.21	ug/L		U
DUP 1	trans-1,2-Dichloroethene	0.21	ug/L	U	U
DUP 1	trans-1,3-Dichloropropene	0.20	ug/L	U	U
DUP 1	Trichloroethene	0.20	ug/L	U	U
DUP 1	Trichlorofluoromethane	0.20	ug/L	U	U
DUP 1	Vinyl chloride	0.20	ug/L	U	U
DUP 2	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
DUP 2	1,1,1-Trichloroethane	0.20	ug/L	U	U
DUP 2	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
DUP 2	1,1,2-Trichloroethane	0.20	ug/L	U	U
DUP 2	1,1-Dichloroethane	0.20	ug/L	U	U
DUP 2	1,1-Dichloroethene	0.20	ug/L	U	U
DUP 2	1,1-Dichloropropene	0.20	ug/L	U	U
DUP 2	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
DUP 2	1,2,3-Trichloropropane	0.20	ug/L	U	U
DUP 2	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
DUP 2	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
DUP 2	1,2-Dichlorobenzene	0.20	ug/L	U	U
DUP 2	1,2-Dichloroethane	0.20	ug/L	U	U
DUP 2	1,2-Dichloropropane	0.20	ug/L	U	U
DUP 2	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
DUP 2	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
DUP 2	1,3-Dichlorobenzene	0.20	ug/L	U	U
DUP 2	1,3-Dichloropropane	0.25	ug/L	U	U
DUP 2	1,4-Dichlorobenzene	0.20	ug/L	U	U
DUP 2	1-Chlorohexane	0.20	ug/L	U	U
DUP 2	2,2-Dichloropropane	0.20	ug/L	U	U

DUP 2	2-Butanone	2.0	ug/L	U	U
DUP 2	2-Chlorotoluene	0.20	ug/L	U	U
DUP 2	2-Hexanone	5.2	ug/L	U	U
DUP 2	4-Chlorotoluene	0.20	ug/L	U	U
DUP 2	4-Methyl-2-pentanone	2.8	ug/L	U	U
DUP 2	Acetone	5.2	ug/L	U	R
DUP 2	Benzene	0.20	ug/L	U	U
DUP 2	Bromobenzene	0.22	ug/L	U	U
DUP 2	Bromochloromethane	0.20	ug/L	U	U
DUP 2	Bromodichloromethane	0.20	ug/L	U	U
DUP 2	Bromoform	0.20	ug/L	U	UJ
DUP 2	Bromomethane	0.25	ug/L	U	U
DUP 2	Carbon disulfide	0.31	ug/L	U	U
DUP 2	Carbon tetrachloride	0.20	ug/L	U	U
DUP 2	Chlorobenzene	0.20	ug/L	U	U
DUP 2	Chloroethane	0.23	ug/L	U	U
DUP 2	Chloroform	0.20	ug/L	U	U
DUP 2	Chloromethane	0.20	ug/L	U	U
DUP 2	cis-1,2-Dichloroethene	0.20	ug/L	U	U
DUP 2	cis-1,3-Dichloropropene	0.20	ug/L	U	U
DUP 2	Dibromochloromethane	0.20	ug/L	U	U
DUP 2	Dibromomethane	0.21	ug/L	U	U
DUP 2	Dichlorodifluoromethane	0.20	ug/L	U	U
DUP 2	Diisopropyl ether	0.20	ug/L	U	U
DUP 2	Ethyl ether	0.99	ug/L	U	U
DUP 2	Ethylbenzene	0.20	ug/L	U	U
DUP 2	Hexachlorobutadiene	0.20	ug/L	U	U
DUP 2	Isopropylbenzene	0.20	ug/L	U	U
DUP 2	m,p-Xylenes	0.26	ug/L	U	U
DUP 2	Methyl tert-butyl ether	0.26	ug/L	U	U
DUP 2	Methylene chloride	0.59	ug/L	U	UJ
DUP 2	Naphthalene	0.20	ug/L	U	U
DUP 2	n-Butylbenzene	0.20	ug/L	U	U
DUP 2	n-Propylbenzene	0.20	ug/L	U	U
DUP 2	o-Xylene	0.20	ug/L	U	U
DUP 2	p-Isopropyltoluene	0.20	ug/L	U	U
DUP 2	sec-Butylbenzene	0.20	ug/L	U	U
DUP 2	Styrene	0.20	ug/L	U	U
DUP 2	Tert-amyl methyl ether	1.0	ug/L	U	U
DUP 2	TERT-BUTYL ALCOHOL	20	ug/L	U	U
DUP 2	Tert-butyl ethyl ether	1.0	ug/L	U	U
DUP 2	tert-Butylbenzene	0.20	ug/L	U	U
DUP 2	Tetrachloroethene	0.20	ug/L	U	U
DUP 2	Tetrahydrofuran	4.6	ug/L	U	U
DUP 2	Toluene	0.26	ug/L		U
DUP 2	trans-1,2-Dichloroethene	0.21	ug/L	U	U
DUP 2	trans-1,3-Dichloropropene	0.20	ug/L	U	U
DUP 2	Trichloroethene	0.20	ug/L	U	U
DUP 2	Trichlorofluoromethane	4.3	ug/L		
DUP 2	Vinyl chloride	0.20	ug/L	U	U
LF003-MW1	1,1,1,2-TETRACHLOROETHANE	2.0	ug/L	U	U
LF003-MW1	1,1,1-Trichloroethane	2.0	ug/L	U	U

LF003-MW1	1,1,2,2-Tetrachloroethane	2.0	ug/L	U	UJ
LF003-MW1	1,1,2-Trichloroethane	2.0	ug/L	U	U
LF003-MW1	1,1-Dichloroethane	2.0	ug/L	U	U
LF003-MW1	1,1-Dichloroethene	2.0	ug/L	U	U
LF003-MW1	1,1-Dichloropropene	2.0	ug/L	U	U
LF003-MW1	1,2,3-Trichlorobenzene	2.2	ug/L	U	U
LF003-MW1	1,2,3-Trichloropropane	2.0	ug/L	U	U
LF003-MW1	1,2,4-Trichlorobenzene	2.0	ug/L	U	U
LF003-MW1	1,2,4-Trimethylbenzene	73.0	ug/L		
LF003-MW1	1,2-Dichlorobenzene	2.0	ug/L	U	U
LF003-MW1	1,2-Dichloroethane	2.0	ug/L	U	U
LF003-MW1	1,2-Dichloropropane	2.0	ug/L	U	U
LF003-MW1	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
LF003-MW1	1,3,5-Trimethylbenzene	22.0	ug/L		
LF003-MW1	1,3-Dichlorobenzene	2.0	ug/L	U	U
LF003-MW1	1,3-Dichloropropane	2.5	ug/L	U	U
LF003-MW1	1,4-Dichlorobenzene	2.0	ug/L	U	U
LF003-MW1	1-Chlorohexane	2.0	ug/L	U	U
LF003-MW1	2,2-Dichloropropane	2.0	ug/L	U	U
LF003-MW1	2-Butanone	20	ug/L	U	U
LF003-MW1	2-Chlorotoluene	2.0	ug/L	U	U
LF003-MW1	2-Hexanone	52	ug/L	U	U
LF003-MW1	4-Chlorotoluene	2.0	ug/L	U	U
LF003-MW1	4-Methyl-2-pentanone	28	ug/L	U	U
LF003-MW1	Acetone	52	ug/L	U	R
LF003-MW1	Benzene	2.0	ug/L	U	U
LF003-MW1	Bromobenzene	2.2	ug/L	U	U
LF003-MW1	Bromochloromethane	2.0	ug/L	U	U
LF003-MW1	Bromodichloromethane	2.0	ug/L	U	U
LF003-MW1	Bromoform	2.0	ug/L	U	UJ
LF003-MW1	Bromomethane	2.5	ug/L	U	U
LF003-MW1	Carbon disulfide	3.1	ug/L	U	U
LF003-MW1	Carbon tetrachloride	2.0	ug/L	U	U
LF003-MW1	Chlorobenzene	2.0	ug/L	U	U
LF003-MW1	Chloroethane	2.3	ug/L	U	U
LF003-MW1	Chloroform	2.0	ug/L	U	U
LF003-MW1	Chloromethane	2.0	ug/L	U	U
LF003-MW1	cis-1,2-Dichloroethene	2.0	ug/L	U	U
LF003-MW1	cis-1,3-Dichloropropene	2.0	ug/L	U	U
LF003-MW1	Dibromochloromethane	2.0	ug/L	U	U
LF003-MW1	Dibromomethane	2.1	ug/L	U	U
LF003-MW1	Dichlorodifluoromethane	2.0	ug/L	U	U
LF003-MW1	Diisopropyl ether	2.0	ug/L	U	U
LF003-MW1	Ethyl ether	0.99	ug/L	U	U
LF003-MW1	Ethylbenzene	2.0	ug/L	U	U
LF003-MW1	Hexachlorobutadiene	2.0	ug/L	U	U
LF003-MW1	Isopropylbenzene	7.7	ug/L		
LF003-MW1	m,p-Xylenes	7.5	ug/L		
LF003-MW1	Methyl tert-butyl ether	2.6	ug/L	U	U
LF003-MW1	Methylene chloride	9.1	ug/L	A	J
LF003-MW1	Naphthalene	6.8	ug/L		
LF003-MW1	n-Butylbenzene	27.0	ug/L		

LF003-MW1	n-Propylbenzene	32.0	ug/L		
LF003-MW1	o-Xylene	9.0	ug/L		
LF003-MW1	p-Isopropyltoluene	1.8	ug/L	J	J
LF003-MW1	sec-Butylbenzene	7.3	ug/L		
LF003-MW1	Styrene	2.0	ug/L	U	U
LF003-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U
LF003-MW1	TERT-BUTYL ALCOHOL	20	ug/L	U	U
LF003-MW1	TERT-BUTYL ALCOHOL		ug/L		
LF003-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U
LF003-MW1	tert-Butylbenzene	2.0	ug/L	U	U
LF003-MW1	Tetrachloroethene	2.0	ug/L	U	U
LF003-MW1	Tetrahydrofuran	46	ug/L	U	U
LF003-MW1	Toluene	2.0	ug/L	U	U
LF003-MW1	trans-1,2-Dichloroethene	2.1	ug/L	U	U
LF003-MW1	trans-1,3-Dichloropropene	2.0	ug/L	U	U
LF003-MW1	Trichloroethene	2.0	ug/L	U	U
LF003-MW1	Trichlorofluoromethane	2.0	ug/L	U	U
LF003-MW1	Vinyl chloride	2.0	ug/L	U	U
LF003-MW2	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	UJ
LF003-MW2	1,1,1-Trichloroethane	0.20	ug/L	U	UJ
LF003-MW2	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
LF003-MW2	1,1,2-Trichloroethane	0.20	ug/L	U	UJ
LF003-MW2	1,1-Dichloroethane	0.20	ug/L	U	UJ
LF003-MW2	1,1-Dichloroethene	0.20	ug/L	U	UJ
LF003-MW2	1,1-Dichloropropene	0.20	ug/L	U	UJ
LF003-MW2	1,2,3-Trichlorobenzene	0.22	ug/L	U	UJ
LF003-MW2	1,2,3-Trichloropropane	0.20	ug/L	U	UJ
LF003-MW2	1,2,4-Trichlorobenzene	0.20	ug/L	U	UJ
LF003-MW2	1,2,4-Trimethylbenzene	0.20	ug/L	U	UJ
LF003-MW2	1,2-Dichlorobenzene	0.20	ug/L	U	UJ
LF003-MW2	1,2-Dichloroethane	0.20	ug/L	U	UJ
LF003-MW2	1,2-Dichloropropane	0.20	ug/L	U	UJ
LF003-MW2	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
LF003-MW2	1,3,5-Trimethylbenzene	0.20	ug/L	U	UJ
LF003-MW2	1,3-Dichlorobenzene	0.20	ug/L	U	UJ
LF003-MW2	1,3-Dichloropropane	0.25	ug/L	U	UJ
LF003-MW2	1,4-Dichlorobenzene	0.20	ug/L	U	UJ
LF003-MW2	1-Chlorohexane	0.20	ug/L	U	UJ
LF003-MW2	2,2-Dichloropropane	0.20	ug/L	U	UJ
LF003-MW2	2-Butanone	2.0	ug/L	U	UJ
LF003-MW2	2-Chlorotoluene	0.20	ug/L	U	UJ
LF003-MW2	2-Hexanone	5.2	ug/L	U	UJ
LF003-MW2	4-Chlorotoluene	0.20	ug/L	U	UJ
LF003-MW2	4-Methyl-2-pentanone	2.8	ug/L	U	UJ
LF003-MW2	Acetone	5.2	ug/L	U	R
LF003-MW2	Benzene	0.20	ug/L	U	UJ
LF003-MW2	Bromobenzene	0.22	ug/L	U	UJ
LF003-MW2	Bromochloromethane	0.20	ug/L	U	UJ
LF003-MW2	Bromodichloromethane	0.20	ug/L	U	UJ
LF003-MW2	Bromoform	0.20	ug/L	U	UJ
LF003-MW2	Bromomethane	0.25	ug/L	U	UJ
LF003-MW2	Carbon disulfide	0.31	ug/L	U	UJ

LF003-MW2	Carbon tetrachloride	0.20	ug/L	U	UJ
LF003-MW2	Chlorobenzene	0.20	ug/L	U	UJ
LF003-MW2	Chloroethane	0.23	ug/L	U	UJ
LF003-MW2	Chloroform	0.20	ug/L	U	UJ
LF003-MW2	Chloromethane	0.92	ug/L	B	UJ
LF003-MW2	cis-1,2-Dichloroethene	0.20	ug/L	U	UJ
LF003-MW2	cis-1,3-Dichloropropene	0.20	ug/L	U	UJ
LF003-MW2	Dibromochloromethane	0.20	ug/L	U	UJ
LF003-MW2	Dibromomethane	0.21	ug/L	U	UJ
LF003-MW2	Dichlorodifluoromethane	0.20	ug/L	U	UJ
LF003-MW2	Diisopropyl ether	0.20	ug/L	U	UJ
LF003-MW2	Ethyl ether	0.99	ug/L	U	U
LF003-MW2	Ethylbenzene	0.20	ug/L	U	UJ
LF003-MW2	Hexachlorobutadiene	0.20	ug/L	U	UJ
LF003-MW2	Isopropylbenzene	0.20	ug/L	U	UJ
LF003-MW2	m,p-Xylenes	0.26	ug/L	U	UJ
LF003-MW2	Methyl tert-butyl ether	15.0	ug/L		J
LF003-MW2	Methylene chloride	0.59	ug/L	U	UJ
LF003-MW2	Naphthalene	0.20	ug/L	U	UJ
LF003-MW2	n-Butylbenzene	0.20	ug/L	U	UJ
LF003-MW2	n-Propylbenzene	0.20	ug/L	U	UJ
LF003-MW2	o-Xylene	0.20	ug/L	U	UJ
LF003-MW2	p-Isopropyltoluene	0.20	ug/L	U	UJ
LF003-MW2	sec-Butylbenzene	0.20	ug/L	U	UJ
LF003-MW2	Styrene	0.20	ug/L	U	UJ
LF003-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U
LF003-MW2	TERT-BUTYL ALCOHOL	6.7	ug/L	J	J
LF003-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U
LF003-MW2	tert-Butylbenzene	0.20	ug/L	U	UJ
LF003-MW2	Tetrachloroethene	0.20	ug/L	U	UJ
LF003-MW2	Tetrahydrofuran	4.6	ug/L	U	UJ
LF003-MW2	Toluene	0.23	ug/L		UJ
LF003-MW2	trans-1,2-Dichloroethene	0.21	ug/L	U	UJ
LF003-MW2	trans-1,3-Dichloropropene	0.20	ug/L	U	UJ
LF003-MW2	Trichloroethene	0.20	ug/L	U	UJ
LF003-MW2	Trichlorofluoromethane	0.20	ug/L	U	UJ
LF003-MW2	Vinyl chloride	0.20	ug/L	U	UJ
SIS08-MW1	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	UJ
SIS08-MW1	1,1,1-Trichloroethane	0.20	ug/L	U	UJ
SIS08-MW1	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SIS08-MW1	1,1,2-Trichloroethane	0.20	ug/L	U	UJ
SIS08-MW1	1,1-Dichloroethane	0.20	ug/L	U	UJ
SIS08-MW1	1,1-Dichloroethene	0.20	ug/L	U	UJ
SIS08-MW1	1,1-Dichloropropene	0.20	ug/L	U	UJ
SIS08-MW1	1,2,3-Trichlorobenzene	0.22	ug/L	U	UJ
SIS08-MW1	1,2,3-Trichloropropane	0.20	ug/L	U	UJ
SIS08-MW1	1,2,4-Trichlorobenzene	0.20	ug/L	U	UJ
SIS08-MW1	1,2,4-Trimethylbenzene	0.20	ug/L	U	UJ
SIS08-MW1	1,2-Dichlorobenzene	0.20	ug/L	U	UJ
SIS08-MW1	1,2-Dichloroethane	0.20	ug/L	U	UJ
SIS08-MW1	1,2-Dichloropropane	0.20	ug/L	U	UJ
SIS08-MW1	1,3,5-Trichlorobenzene	1.1	ug/L	U	U

SIS08-MW1	1,3,5-Trimethylbenzene	0.20	ug/L	U	UJ
SIS08-MW1	1,3-Dichlorobenzene	0.20	ug/L	U	UJ
SIS08-MW1	1,3-Dichloropropane	0.25	ug/L	U	UJ
SIS08-MW1	1,4-Dichlorobenzene	0.20	ug/L	U	UJ
SIS08-MW1	1-Chlorohexane	0.20	ug/L	U	UJ
SIS08-MW1	2,2-Dichloropropane	0.20	ug/L	U	UJ
SIS08-MW1	2-Butanone	2.0	ug/L	U	UJ
SIS08-MW1	2-Chlorotoluene	0.20	ug/L	U	UJ
SIS08-MW1	2-Hexanone	5.2	ug/L	U	UJ
SIS08-MW1	4-Chlorotoluene	0.20	ug/L	U	UJ
SIS08-MW1	4-Methyl-2-pentanone	2.8	ug/L	U	UJ
SIS08-MW1	Acetone	5.2	ug/L	U	R
SIS08-MW1	Benzene	0.20	ug/L	U	UJ
SIS08-MW1	Bromobenzene	0.22	ug/L	U	UJ
SIS08-MW1	Bromochloromethane	0.20	ug/L	U	UJ
SIS08-MW1	Bromodichloromethane	0.20	ug/L	U	UJ
SIS08-MW1	Bromoform	0.20	ug/L	U	UJ
SIS08-MW1	Bromomethane	0.25	ug/L	U	UJ
SIS08-MW1	Carbon disulfide	0.31	ug/L	U	UJ
SIS08-MW1	Carbon tetrachloride	0.20	ug/L	U	UJ
SIS08-MW1	Chlorobenzene	0.20	ug/L	U	UJ
SIS08-MW1	Chloroethane	0.23	ug/L	U	UJ
SIS08-MW1	Chloroform	0.20	ug/L	U	UJ
SIS08-MW1	Chloromethane	0.33	ug/L	B	UJ
SIS08-MW1	cis-1,2-Dichloroethene	0.20	ug/L	U	UJ
SIS08-MW1	cis-1,3-Dichloropropene	0.20	ug/L	U	UJ
SIS08-MW1	Dibromochloromethane	0.20	ug/L	U	UJ
SIS08-MW1	Dibromomethane	0.21	ug/L	U	UJ
SIS08-MW1	Dichlorodifluoromethane	0.20	ug/L	U	UJ
SIS08-MW1	Diisopropyl ether	0.20	ug/L	U	UJ
SIS08-MW1	Ethyl ether	0.99	ug/L	U	U
SIS08-MW1	Ethylbenzene	0.20	ug/L	U	UJ
SIS08-MW1	Hexachlorobutadiene	0.20	ug/L	U	UJ
SIS08-MW1	Isopropylbenzene	0.20	ug/L	U	UJ
SIS08-MW1	m,p-Xylenes	0.76	ug/L		J
SIS08-MW1	Methyl tert-butyl ether	0.26	ug/L	U	UJ
SIS08-MW1	Methylene chloride	0.59	ug/L	U	UJ
SIS08-MW1	Naphthalene	0.20	ug/L	U	UJ
SIS08-MW1	n-Butylbenzene	0.20	ug/L	U	UJ
SIS08-MW1	n-Propylbenzene	0.20	ug/L	U	UJ
SIS08-MW1	o-Xylene	0.20	ug/L	U	UJ
SIS08-MW1	p-Isopropyltoluene	0.20	ug/L	U	UJ
SIS08-MW1	sec-Butylbenzene	0.20	ug/L	U	UJ
SIS08-MW1	Styrene	0.20	ug/L	U	UJ
SIS08-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U
SIS08-MW1	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SIS08-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U
SIS08-MW1	tert-Butylbenzene	0.20	ug/L	U	UJ
SIS08-MW1	Tetrachloroethene	0.20	ug/L	U	UJ
SIS08-MW1	Tetrahydrofuran	4.6	ug/L	U	UJ
SIS08-MW1	Toluene	0.57	ug/L		UJ
SIS08-MW1	trans-1,2-Dichloroethene	0.21	ug/L	U	UJ

SIS08-MW1	trans-1,3-Dichloropropene	0.20	ug/L	U	UJ
SIS08-MW1	Trichloroethene	0.20	ug/L	U	UJ
SIS08-MW1	Trichlorofluoromethane	0.20	ug/L	U	UJ
SIS08-MW1	Vinyl chloride	0.20	ug/L	U	UJ
SIS18-MW1	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SIS18-MW1	1,1,1-Trichloroethane	0.20	ug/L	U	U
SIS18-MW1	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SIS18-MW1	1,1,2-Trichloroethane	0.20	ug/L	U	U
SIS18-MW1	1,1-Dichloroethane	0.20	ug/L	U	U
SIS18-MW1	1,1-Dichloroethene	0.20	ug/L	U	U
SIS18-MW1	1,1-Dichloropropene	0.20	ug/L	U	U
SIS18-MW1	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SIS18-MW1	1,2,3-Trichloropropane	0.20	ug/L	U	U
SIS18-MW1	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SIS18-MW1	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW1	1,2-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW1	1,2-Dichloroethane	0.20	ug/L	U	U
SIS18-MW1	1,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW1	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SIS18-MW1	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW1	1,3-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW1	1,3-Dichloropropane	0.25	ug/L	U	U
SIS18-MW1	1,4-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW1	1-Chlorohexane	0.20	ug/L	U	U
SIS18-MW1	2,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW1	2-Butanone	2.0	ug/L	U	U
SIS18-MW1	2-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW1	2-Hexanone	5.2	ug/L	U	U
SIS18-MW1	4-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW1	4-Methyl-2-pentanone	2.8	ug/L	U	U
SIS18-MW1	Acetone	5.2	ug/L	U	R
SIS18-MW1	Benzene	0.20	ug/L	U	U
SIS18-MW1	Bromobenzene	0.22	ug/L	U	U
SIS18-MW1	Bromochloromethane	0.20	ug/L	U	U
SIS18-MW1	Bromodichloromethane	0.20	ug/L	U	U
SIS18-MW1	Bromoform	0.20	ug/L	U	UJ
SIS18-MW1	Bromomethane	0.25	ug/L	U	U
SIS18-MW1	Carbon disulfide	0.31	ug/L	U	U
SIS18-MW1	Carbon tetrachloride	0.20	ug/L	U	U
SIS18-MW1	Chlorobenzene	0.20	ug/L	U	U
SIS18-MW1	Chloroethane	0.23	ug/L	U	U
SIS18-MW1	Chloroform	0.20	ug/L	U	U
SIS18-MW1	Chloromethane	0.20	ug/L	U	U
SIS18-MW1	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SIS18-MW1	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW1	Dibromochloromethane	0.20	ug/L	U	U
SIS18-MW1	Dibromomethane	0.21	ug/L	U	U
SIS18-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U
SIS18-MW1	Diisopropyl ether	0.20	ug/L	U	U
SIS18-MW1	Ethyl ether	0.99	ug/L	U	U
SIS18-MW1	Ethylbenzene	0.32	ug/L		
SIS18-MW1	Hexachlorobutadiene	0.20	ug/L	U	U

SIS18-MW1	Isopropylbenzene	0.20	ug/L	U	U
SIS18-MW1	m,p-Xylenes	1.0	ug/L		
SIS18-MW1	Methyl tert-butyl ether	0.26	ug/L	U	U
SIS18-MW1	Methylene chloride	0.59	ug/L	U	UJ
SIS18-MW1	Naphthalene	0.20	ug/L	U	U
SIS18-MW1	n-Butylbenzene	0.20	ug/L	U	U
SIS18-MW1	n-Propylbenzene	0.20	ug/L	U	U
SIS18-MW1	o-Xylene	0.20	ug/L	U	U
SIS18-MW1	p-Isopropyltoluene	0.20	ug/L	U	U
SIS18-MW1	sec-Butylbenzene	0.20	ug/L	U	U
SIS18-MW1	Styrene	0.20	ug/L	U	U
SIS18-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U
SIS18-MW1	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SIS18-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U
SIS18-MW1	tert-Butylbenzene	0.20	ug/L	U	U
SIS18-MW1	Tetrachloroethene	0.20	ug/L	U	U
SIS18-MW1	Tetrahydrofuran	4.6	ug/L	U	U
SIS18-MW1	Toluene	0.69	ug/L		U
SIS18-MW1	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SIS18-MW1	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW1	Trichloroethene	0.51	ug/L		
SIS18-MW1	Trichlorofluoromethane	0.20	ug/L	U	U
SIS18-MW1	Vinyl chloride	0.20	ug/L	U	U
SIS18-MW3	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SIS18-MW3	1,1,1-Trichloroethane	0.20	ug/L	U	U
SIS18-MW3	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SIS18-MW3	1,1,2-Trichloroethane	0.20	ug/L	U	U
SIS18-MW3	1,1-Dichloroethane	0.20	ug/L	U	U
SIS18-MW3	1,1-Dichloroethene	0.20	ug/L	U	U
SIS18-MW3	1,1-Dichloropropene	0.20	ug/L	U	U
SIS18-MW3	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SIS18-MW3	1,2,3-Trichloropropane	0.20	ug/L	U	U
SIS18-MW3	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SIS18-MW3	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW3	1,2-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW3	1,2-Dichloroethane	0.20	ug/L	U	U
SIS18-MW3	1,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW3	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SIS18-MW3	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW3	1,3-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW3	1,3-Dichloropropane	0.25	ug/L	U	U
SIS18-MW3	1,4-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW3	1-Chlorohexane	0.20	ug/L	U	U
SIS18-MW3	2,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW3	2-Butanone	2.0	ug/L	U	U
SIS18-MW3	2-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW3	2-Hexanone	5.2	ug/L	U	U
SIS18-MW3	4-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW3	4-Methyl-2-pentanone	2.8	ug/L	U	U
SIS18-MW3	Acetone	5.2	ug/L	U	R
SIS18-MW3	Benzene	0.20	ug/L	U	U
SIS18-MW3	Bromobenzene	0.22	ug/L	U	U

SIS18-MW3	Bromochloromethane	0.20	ug/L	U	U
SIS18-MW3	Bromodichloromethane	0.20	ug/L	U	U
SIS18-MW3	Bromoform	0.20	ug/L	U	UJ
SIS18-MW3	Bromomethane	0.25	ug/L	U	U
SIS18-MW3	Carbon disulfide	0.31	ug/L	U	U
SIS18-MW3	Carbon tetrachloride	0.20	ug/L	U	U
SIS18-MW3	Chlorobenzene	0.20	ug/L	U	U
SIS18-MW3	Chloroethane	0.23	ug/L	U	U
SIS18-MW3	Chloroform	0.20	ug/L	U	U
SIS18-MW3	Chloromethane	0.61	ug/L	B	U
SIS18-MW3	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SIS18-MW3	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW3	Dibromochloromethane	0.20	ug/L	U	U
SIS18-MW3	Dibromomethane	0.21	ug/L	U	U
SIS18-MW3	Dichlorodifluoromethane	0.20	ug/L	U	U
SIS18-MW3	Diisopropyl ether	0.20	ug/L	U	U
SIS18-MW3	Ethyl ether	0.99	ug/L	U	U
SIS18-MW3	Ethylbenzene	0.20	ug/L	U	U
SIS18-MW3	Hexachlorobutadiene	0.20	ug/L	U	U
SIS18-MW3	Isopropylbenzene	0.20	ug/L	U	U
SIS18-MW3	m,p-Xylenes	0.26	ug/L	U	U
SIS18-MW3	Methyl tert-butyl ether	0.26	ug/L	U	U
SIS18-MW3	Methylene chloride	0.59	ug/L	U	UJ
SIS18-MW3	Naphthalene	0.20	ug/L	U	U
SIS18-MW3	n-Butylbenzene	0.20	ug/L	U	U
SIS18-MW3	n-Propylbenzene	0.20	ug/L	U	U
SIS18-MW3	o-Xylene	0.20	ug/L	U	U
SIS18-MW3	p-Isopropyltoluene	0.20	ug/L	U	U
SIS18-MW3	sec-Butylbenzene	0.20	ug/L	U	U
SIS18-MW3	Styrene	0.20	ug/L	U	U
SIS18-MW3	Tert-amyl methyl ether	1.0	ug/L	U	U
SIS18-MW3	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SIS18-MW3	Tert-butyl ethyl ether	1.0	ug/L	U	U
SIS18-MW3	tert-Butylbenzene	0.20	ug/L	U	U
SIS18-MW3	Tetrachloroethene	0.20	ug/L	U	U
SIS18-MW3	Tetrahydrofuran	4.6	ug/L	U	U
SIS18-MW3	Toluene	0.43	ug/L		U
SIS18-MW3	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SIS18-MW3	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW3	Trichloroethene	0.46	ug/L		
SIS18-MW3	Trichlorofluoromethane	0.20	ug/L	U	U
SIS18-MW3	Vinyl chloride	0.20	ug/L	U	U
SIS18-MW4	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	UJ
SIS18-MW4	1,1,1-Trichloroethane	0.20	ug/L	U	UJ
SIS18-MW4	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SIS18-MW4	1,1,2-Trichloroethane	0.20	ug/L	U	UJ
SIS18-MW4	1,1-Dichloroethane	0.20	ug/L	U	UJ
SIS18-MW4	1,1-Dichloroethene	0.20	ug/L	U	UJ
SIS18-MW4	1,1-Dichloropropene	0.20	ug/L	U	UJ
SIS18-MW4	1,2,3-Trichlorobenzene	0.22	ug/L	U	UJ
SIS18-MW4	1,2,3-Trichloropropane	0.20	ug/L	U	UJ
SIS18-MW4	1,2,4-Trichlorobenzene	0.20	ug/L	U	UJ

SIS18-MW4	1,2,4-Trimethylbenzene	0.20	ug/L	U	UJ
SIS18-MW4	1,2-Dichlorobenzene	0.20	ug/L	U	UJ
SIS18-MW4	1,2-Dichloroethane	0.20	ug/L	U	UJ
SIS18-MW4	1,2-Dichloropropane	0.20	ug/L	U	UJ
SIS18-MW4	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SIS18-MW4	1,3,5-Trimethylbenzene	0.20	ug/L	U	UJ
SIS18-MW4	1,3-Dichlorobenzene	0.20	ug/L	U	UJ
SIS18-MW4	1,3-Dichloropropane	0.25	ug/L	U	UJ
SIS18-MW4	1,4-Dichlorobenzene	0.20	ug/L	U	UJ
SIS18-MW4	1-Chlorohexane	0.20	ug/L	U	UJ
SIS18-MW4	2,2-Dichloropropane	0.20	ug/L	U	UJ
SIS18-MW4	2-Butanone	2.0	ug/L	U	UJ
SIS18-MW4	2-Chlorotoluene	0.20	ug/L	U	UJ
SIS18-MW4	2-Hexanone	5.2	ug/L	U	UJ
SIS18-MW4	4-Chlorotoluene	0.20	ug/L	U	UJ
SIS18-MW4	4-Methyl-2-pentanone	2.8	ug/L	U	UJ
SIS18-MW4	Acetone	5.2	ug/L	U	R
SIS18-MW4	Benzene	0.20	ug/L	U	UJ
SIS18-MW4	Bromobenzene	0.22	ug/L	U	UJ
SIS18-MW4	Bromochloromethane	0.20	ug/L	U	UJ
SIS18-MW4	Bromodichloromethane	0.20	ug/L	U	UJ
SIS18-MW4	Bromoform	0.20	ug/L	U	UJ
SIS18-MW4	Bromomethane	0.25	ug/L	U	UJ
SIS18-MW4	Carbon disulfide	0.31	ug/L	U	UJ
SIS18-MW4	Carbon tetrachloride	0.20	ug/L	U	UJ
SIS18-MW4	Chlorobenzene	0.20	ug/L	U	UJ
SIS18-MW4	Chloroethane	0.23	ug/L	U	UJ
SIS18-MW4	Chloroform	0.20	ug/L	U	UJ
SIS18-MW4	Chloromethane	0.31	ug/L	B	UJ
SIS18-MW4	cis-1,2-Dichloroethene	0.20	ug/L	U	UJ
SIS18-MW4	cis-1,3-Dichloropropene	0.20	ug/L	U	UJ
SIS18-MW4	Dibromochloromethane	0.20	ug/L	U	UJ
SIS18-MW4	Dibromomethane	0.21	ug/L	U	UJ
SIS18-MW4	Dichlorodifluoromethane	0.20	ug/L	U	UJ
SIS18-MW4	Diisopropyl ether	0.20	ug/L	U	UJ
SIS18-MW4	Ethyl ether	0.99	ug/L	U	U
SIS18-MW4	Ethylbenzene	0.20	ug/L	U	UJ
SIS18-MW4	Hexachlorobutadiene	0.20	ug/L	U	UJ
SIS18-MW4	Isopropylbenzene	0.20	ug/L	U	UJ
SIS18-MW4	m,p-Xylenes	0.26	ug/L	U	UJ
SIS18-MW4	Methyl tert-butyl ether	0.26	ug/L	U	UJ
SIS18-MW4	Methylene chloride	0.59	ug/L	U	UJ
SIS18-MW4	Naphthalene	0.20	ug/L	U	UJ
SIS18-MW4	n-Butylbenzene	0.20	ug/L	U	UJ
SIS18-MW4	n-Propylbenzene	0.20	ug/L	U	UJ
SIS18-MW4	o-Xylene	0.20	ug/L	U	UJ
SIS18-MW4	p-Isopropyltoluene	0.20	ug/L	U	UJ
SIS18-MW4	sec-Butylbenzene	0.20	ug/L	U	UJ
SIS18-MW4	Styrene	0.20	ug/L	U	UJ
SIS18-MW4	Tert-amyl methyl ether	1.0	ug/L	U	U
SIS18-MW4	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SIS18-MW4	Tert-butyl ethyl ether	1.0	ug/L	U	U

SIS18-MW4	tert-Butylbenzene	0.20	ug/L	U	UJ
SIS18-MW4	Tetrachloroethene	0.20	ug/L	U	UJ
SIS18-MW4	Tetrahydrofuran	4.6	ug/L	U	UJ
SIS18-MW4	Toluene	0.20	ug/L	U	UJ
SIS18-MW4	trans-1,2-Dichloroethene	0.21	ug/L	U	UJ
SIS18-MW4	trans-1,3-Dichloropropene	0.20	ug/L	U	UJ
SIS18-MW4	Trichloroethene	0.20	ug/L	U	UJ
SIS18-MW4	Trichlorofluoromethane	0.20	ug/L	U	UJ
SIS18-MW4	Vinyl chloride	0.20	ug/L	U	UJ
SIS18-MW5	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SIS18-MW5	1,1,1-Trichloroethane	0.20	ug/L	U	U
SIS18-MW5	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SIS18-MW5	1,1,2-Trichloroethane	0.20	ug/L	U	U
SIS18-MW5	1,1-Dichloroethane	0.20	ug/L	U	U
SIS18-MW5	1,1-Dichloroethene	0.20	ug/L	U	U
SIS18-MW5	1,1-Dichloropropene	0.20	ug/L	U	U
SIS18-MW5	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SIS18-MW5	1,2,3-Trichloropropane	0.20	ug/L	U	U
SIS18-MW5	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SIS18-MW5	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW5	1,2-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW5	1,2-Dichloroethane	0.20	ug/L	U	U
SIS18-MW5	1,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW5	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SIS18-MW5	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW5	1,3-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW5	1,3-Dichloropropane	0.25	ug/L	U	U
SIS18-MW5	1,4-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW5	1-Chlorohexane	0.20	ug/L	U	U
SIS18-MW5	2,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW5	2-Butanone	2.0	ug/L	U	U
SIS18-MW5	2-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW5	2-Hexanone	5.2	ug/L	U	U
SIS18-MW5	4-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW5	4-Methyl-2-pentanone	2.8	ug/L	U	U
SIS18-MW5	Acetone	5.2	ug/L	U	R
SIS18-MW5	Benzene	0.20	ug/L	U	U
SIS18-MW5	Bromobenzene	0.22	ug/L	U	U
SIS18-MW5	Bromochloromethane	0.20	ug/L	U	U
SIS18-MW5	Bromodichloromethane	0.20	ug/L	U	U
SIS18-MW5	Bromoform	0.20	ug/L	U	UJ
SIS18-MW5	Bromomethane	0.25	ug/L	U	U
SIS18-MW5	Carbon disulfide	0.31	ug/L	U	U
SIS18-MW5	Carbon tetrachloride	0.20	ug/L	U	U
SIS18-MW5	Chlorobenzene	0.20	ug/L	U	U
SIS18-MW5	Chloroethane	0.23	ug/L	U	U
SIS18-MW5	Chloroform	0.20	ug/L	U	U
SIS18-MW5	Chloromethane	0.77	ug/L	B	U
SIS18-MW5	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SIS18-MW5	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW5	Dibromochloromethane	0.20	ug/L	U	U
SIS18-MW5	Dibromomethane	0.21	ug/L	U	U

SIS18-MW5	Dichlorodifluoromethane	0.20	ug/L	U	U
SIS18-MW5	Diisopropyl ether	0.20	ug/L	U	U
SIS18-MW5	Ethyl ether	0.99	ug/L	U	U
SIS18-MW5	Ethylbenzene	0.20	ug/L	U	U
SIS18-MW5	Hexachlorobutadiene	0.20	ug/L	U	U
SIS18-MW5	Isopropylbenzene	0.20	ug/L	U	U
SIS18-MW5	m,p-Xylenes	0.26	ug/L	U	U
SIS18-MW5	Methyl tert-butyl ether	0.26	ug/L	U	U
SIS18-MW5	Methylene chloride	0.59	ug/L	U	UJ
SIS18-MW5	Naphthalene	0.20	ug/L	U	U
SIS18-MW5	n-Butylbenzene	0.20	ug/L	U	U
SIS18-MW5	n-Propylbenzene	0.20	ug/L	U	U
SIS18-MW5	o-Xylene	0.20	ug/L	U	U
SIS18-MW5	p-Isopropyltoluene	0.20	ug/L	U	U
SIS18-MW5	sec-Butylbenzene	0.20	ug/L	U	U
SIS18-MW5	Styrene	0.20	ug/L	U	U
SIS18-MW5	Tert-amyl methyl ether	1.0	ug/L	U	U
SIS18-MW5	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SIS18-MW5	Tert-butyl ethyl ether	1.0	ug/L	U	U
SIS18-MW5	tert-Butylbenzene	0.20	ug/L	U	U
SIS18-MW5	Tetrachloroethene	0.20	ug/L	U	U
SIS18-MW5	Tetrahydrofuran	4.6	ug/L	U	U
SIS18-MW5	Toluene	0.20	ug/L	U	U
SIS18-MW5	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SIS18-MW5	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW5	Trichloroethene	0.20	ug/L	U	U
SIS18-MW5	Trichlorofluoromethane	0.20	ug/L	U	U
SIS18-MW5	Vinyl chloride	0.20	ug/L	U	U
SS008-MW3	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SS008-MW3	1,1,1-Trichloroethane	0.20	ug/L	U	U
SS008-MW3	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SS008-MW3	1,1,2-Trichloroethane	0.20	ug/L	U	U
SS008-MW3	1,1-Dichloroethane	0.20	ug/L	U	U
SS008-MW3	1,1-Dichloroethene	0.20	ug/L	U	U
SS008-MW3	1,1-Dichloropropene	0.20	ug/L	U	U
SS008-MW3	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SS008-MW3	1,2,3-Trichloropropane	0.20	ug/L	U	U
SS008-MW3	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SS008-MW3	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SS008-MW3	1,2-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW3	1,2-Dichloroethane	0.20	ug/L	U	U
SS008-MW3	1,2-Dichloropropane	0.20	ug/L	U	U
SS008-MW3	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SS008-MW3	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SS008-MW3	1,3-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW3	1,3-Dichloropropane	0.25	ug/L	U	U
SS008-MW3	1,4-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW3	1-Chlorohexane	0.20	ug/L	U	U
SS008-MW3	2,2-Dichloropropane	0.20	ug/L	U	U
SS008-MW3	2-Butanone	2.0	ug/L	U	U
SS008-MW3	2-Chlorotoluene	0.20	ug/L	U	U
SS008-MW3	2-Hexanone	5.2	ug/L	U	U

SS008-MW3	4-Chlorotoluene	0.20	ug/L	U	U
SS008-MW3	4-Methyl-2-pentanone	2.8	ug/L	U	U
SS008-MW3	Acetone	5.2	ug/L	U	R
SS008-MW3	Benzene	0.20	ug/L	U	U
SS008-MW3	Bromobenzene	0.22	ug/L	U	U
SS008-MW3	Bromochloromethane	0.20	ug/L	U	U
SS008-MW3	Bromodichloromethane	0.20	ug/L	U	U
SS008-MW3	Bromoform	0.20	ug/L	U	UJ
SS008-MW3	Bromomethane	0.25	ug/L	U	U
SS008-MW3	Carbon disulfide	0.31	ug/L	U	U
SS008-MW3	Carbon tetrachloride	0.20	ug/L	U	U
SS008-MW3	Chlorobenzene	0.20	ug/L	U	U
SS008-MW3	Chloroethane	0.23	ug/L	U	U
SS008-MW3	Chloroform	0.20	ug/L	U	U
SS008-MW3	Chloromethane	0.80	ug/L	B	U
SS008-MW3	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SS008-MW3	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SS008-MW3	Dibromochloromethane	0.20	ug/L	U	U
SS008-MW3	Dibromomethane	0.21	ug/L	U	U
SS008-MW3	Dichlorodifluoromethane	0.20	ug/L	U	U
SS008-MW3	Diisopropyl ether	0.20	ug/L	U	U
SS008-MW3	Ethyl ether	0.99	ug/L	U	U
SS008-MW3	Ethylbenzene	0.20	ug/L	U	U
SS008-MW3	Hexachlorobutadiene	0.20	ug/L	U	U
SS008-MW3	Isopropylbenzene	0.20	ug/L	U	U
SS008-MW3	m,p-Xylenes	0.26	ug/L	U	U
SS008-MW3	Methyl tert-butyl ether	0.26	ug/L	U	U
SS008-MW3	Methylene chloride	0.59	ug/L	U	UJ
SS008-MW3	Naphthalene	0.20	ug/L	U	U
SS008-MW3	n-Butylbenzene	0.20	ug/L	U	U
SS008-MW3	n-Propylbenzene	0.20	ug/L	U	U
SS008-MW3	o-Xylene	0.20	ug/L	U	U
SS008-MW3	p-Isopropyltoluene	0.20	ug/L	U	U
SS008-MW3	sec-Butylbenzene	0.20	ug/L	U	U
SS008-MW3	Styrene	0.20	ug/L	U	U
SS008-MW3	Tert-amyl methyl ether	1.0	ug/L	U	U
SS008-MW3	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SS008-MW3	Tert-butyl ethyl ether	1.0	ug/L	U	U
SS008-MW3	tert-Butylbenzene	0.20	ug/L	U	U
SS008-MW3	Tetrachloroethene	0.20	ug/L	U	U
SS008-MW3	Tetrahydrofuran	4.6	ug/L	U	U
SS008-MW3	Toluene	0.20	ug/L	U	U
SS008-MW3	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SS008-MW3	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SS008-MW3	Trichloroethene	0.20	ug/L	U	U
SS008-MW3	Trichlorofluoromethane	4.2	ug/L		
SS008-MW3	Vinyl chloride	0.20	ug/L	U	U
SS008-MW4	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SS008-MW4	1,1,1-Trichloroethane	0.20	ug/L	U	U
SS008-MW4	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SS008-MW4	1,1,2-Trichloroethane	0.20	ug/L	U	U
SS008-MW4	1,1-Dichloroethane	0.20	ug/L	U	U

SS008-MW4	1,1-Dichloroethene	0.20	ug/L	U	U
SS008-MW4	1,1-Dichloropropene	0.20	ug/L	U	U
SS008-MW4	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SS008-MW4	1,2,3-Trichloropropane	0.20	ug/L	U	U
SS008-MW4	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SS008-MW4	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SS008-MW4	1,2-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW4	1,2-Dichloroethane	0.20	ug/L	U	U
SS008-MW4	1,2-Dichloropropane	0.20	ug/L	U	U
SS008-MW4	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SS008-MW4	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SS008-MW4	1,3-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW4	1,3-Dichloropropane	0.25	ug/L	U	U
SS008-MW4	1,4-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW4	1-Chlorohexane	0.20	ug/L	U	U
SS008-MW4	2,2-Dichloropropane	0.20	ug/L	U	U
SS008-MW4	2-Butanone	2.0	ug/L	U	U
SS008-MW4	2-Chlorotoluene	0.20	ug/L	U	U
SS008-MW4	2-Hexanone	5.2	ug/L	U	U
SS008-MW4	4-Chlorotoluene	0.20	ug/L	U	U
SS008-MW4	4-Methyl-2-pentanone	2.8	ug/L	U	U
SS008-MW4	Acetone	5.2	ug/L	U	R
SS008-MW4	Benzene	0.20	ug/L	U	U
SS008-MW4	Bromobenzene	0.22	ug/L	U	U
SS008-MW4	Bromochloromethane	0.20	ug/L	U	U
SS008-MW4	Bromodichloromethane	0.20	ug/L	U	U
SS008-MW4	Bromoform	0.20	ug/L	U	UJ
SS008-MW4	Bromomethane	0.25	ug/L	U	U
SS008-MW4	Carbon disulfide	0.31	ug/L	U	U
SS008-MW4	Carbon tetrachloride	0.20	ug/L	U	U
SS008-MW4	Chlorobenzene	0.20	ug/L	U	U
SS008-MW4	Chloroethane	0.23	ug/L	U	U
SS008-MW4	Chloroform	0.20	ug/L	U	U
SS008-MW4	Chloromethane	0.20	ug/L	U	U
SS008-MW4	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SS008-MW4	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SS008-MW4	Dibromochloromethane	0.20	ug/L	U	U
SS008-MW4	Dibromomethane	0.21	ug/L	U	U
SS008-MW4	Dichlorodifluoromethane	0.20	ug/L	U	U
SS008-MW4	Diisopropyl ether	0.20	ug/L	U	U
SS008-MW4	Ethyl ether	0.99	ug/L	U	U
SS008-MW4	Ethylbenzene	0.20	ug/L	U	U
SS008-MW4	Hexachlorobutadiene	0.20	ug/L	U	U
SS008-MW4	Isopropylbenzene	0.20	ug/L	U	U
SS008-MW4	m,p-Xylenes	0.66	ug/L		
SS008-MW4	Methyl tert-butyl ether	0.26	ug/L	U	U
SS008-MW4	Methylene chloride	0.59	ug/L	U	UJ
SS008-MW4	Naphthalene	0.20	ug/L	U	U
SS008-MW4	n-Butylbenzene	0.20	ug/L	U	U
SS008-MW4	n-Propylbenzene	0.20	ug/L	U	U
SS008-MW4	o-Xylene	0.20	ug/L	U	U
SS008-MW4	p-Isopropyltoluene	0.20	ug/L	U	U

SS008-MW4	sec-Butylbenzene	0.20	ug/L	U	U
SS008-MW4	Styrene	0.20	ug/L	U	U
SS008-MW4	Tert-amyl methyl ether	1.0	ug/L	U	U
SS008-MW4	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SS008-MW4	TERT-BUTYL ALCOHOL		ug/L		
SS008-MW4	Tert-butyl ethyl ether	1.0	ug/L	U	U
SS008-MW4	tert-Butylbenzene	0.20	ug/L	U	U
SS008-MW4	Tetrachloroethene	0.20	ug/L	U	U
SS008-MW4	Tetrahydrofuran	4.6	ug/L	U	U
SS008-MW4	Toluene	0.38	ug/L		U
SS008-MW4	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SS008-MW4	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SS008-MW4	Trichloroethene	0.20	ug/L	U	U
SS008-MW4	Trichlorofluoromethane	0.20	ug/L	U	U
SS008-MW4	Vinyl chloride	0.20	ug/L	U	U
SS009-MW1	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	UJ
SS009-MW1	1,1,1-Trichloroethane	0.20	ug/L	U	UJ
SS009-MW1	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SS009-MW1	1,1,2-Trichloroethane	0.20	ug/L	U	UJ
SS009-MW1	1,1-Dichloroethane	0.20	ug/L	U	UJ
SS009-MW1	1,1-Dichloroethene	0.20	ug/L	U	UJ
SS009-MW1	1,1-Dichloropropene	0.20	ug/L	U	UJ
SS009-MW1	1,2,3-Trichlorobenzene	0.22	ug/L	U	UJ
SS009-MW1	1,2,3-Trichloropropane	0.20	ug/L	U	UJ
SS009-MW1	1,2,4-Trichlorobenzene	0.20	ug/L	U	UJ
SS009-MW1	1,2,4-Trimethylbenzene	0.20	ug/L	U	UJ
SS009-MW1	1,2-Dichlorobenzene	0.20	ug/L	U	UJ
SS009-MW1	1,2-Dichloroethane	0.20	ug/L	U	UJ
SS009-MW1	1,2-Dichloropropane	0.20	ug/L	U	UJ
SS009-MW1	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SS009-MW1	1,3,5-Trimethylbenzene	0.20	ug/L	U	UJ
SS009-MW1	1,3-Dichlorobenzene	0.20	ug/L	U	UJ
SS009-MW1	1,3-Dichloropropane	0.25	ug/L	U	UJ
SS009-MW1	1,4-Dichlorobenzene	0.20	ug/L	U	UJ
SS009-MW1	1-Chlorohexane	0.20	ug/L	U	UJ
SS009-MW1	2,2-Dichloropropane	0.20	ug/L	U	UJ
SS009-MW1	2-Butanone	2.0	ug/L	U	UJ
SS009-MW1	2-Chlorotoluene	0.20	ug/L	U	UJ
SS009-MW1	2-Hexanone	5.2	ug/L	U	UJ
SS009-MW1	4-Chlorotoluene	0.20	ug/L	U	UJ
SS009-MW1	4-Methyl-2-pentanone	2.8	ug/L	U	UJ
SS009-MW1	Acetone	5.2	ug/L	U	R
SS009-MW1	Benzene	0.20	ug/L	U	UJ
SS009-MW1	Bromobenzene	0.22	ug/L	U	UJ
SS009-MW1	Bromochloromethane	0.20	ug/L	U	UJ
SS009-MW1	Bromodichloromethane	0.20	ug/L	U	UJ
SS009-MW1	Bromoform	0.20	ug/L	U	UJ
SS009-MW1	Bromomethane	0.25	ug/L	U	UJ
SS009-MW1	Carbon disulfide	0.31	ug/L	U	UJ
SS009-MW1	Carbon tetrachloride	0.20	ug/L	U	UJ
SS009-MW1	Chlorobenzene	0.20	ug/L	U	UJ
SS009-MW1	Chloroethane	0.23	ug/L	U	UJ

SS009-MW1	Chloroform	0.20	ug/L	U	UJ
SS009-MW1	Chloromethane	0.20	ug/L	U	UJ
SS009-MW1	cis-1,2-Dichloroethene	0.20	ug/L	U	UJ
SS009-MW1	cis-1,3-Dichloropropene	0.20	ug/L	U	UJ
SS009-MW1	Dibromochloromethane	0.20	ug/L	U	UJ
SS009-MW1	Dibromomethane	0.21	ug/L	U	UJ
SS009-MW1	Dichlorodifluoromethane	0.20	ug/L	U	UJ
SS009-MW1	Diisopropyl ether	0.20	ug/L	U	UJ
SS009-MW1	Ethyl ether	0.99	ug/L	U	U
SS009-MW1	Ethylbenzene	0.20	ug/L	U	UJ
SS009-MW1	Hexachlorobutadiene	0.20	ug/L	U	UJ
SS009-MW1	Isopropylbenzene	0.20	ug/L	U	UJ
SS009-MW1	m,p-Xylenes	0.26	ug/L	U	UJ
SS009-MW1	Methyl tert-butyl ether	0.26	ug/L	U	UJ
SS009-MW1	Methylene chloride	0.59	ug/L	U	UJ
SS009-MW1	Naphthalene	0.20	ug/L	U	UJ
SS009-MW1	n-Butylbenzene	0.20	ug/L	U	UJ
SS009-MW1	n-Propylbenzene	0.20	ug/L	U	UJ
SS009-MW1	o-Xylene	0.20	ug/L	U	UJ
SS009-MW1	p-Isopropyltoluene	0.20	ug/L	U	UJ
SS009-MW1	sec-Butylbenzene	0.20	ug/L	U	UJ
SS009-MW1	Styrene	0.20	ug/L	U	UJ
SS009-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U
SS009-MW1	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SS009-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U
SS009-MW1	tert-Butylbenzene	0.20	ug/L	U	UJ
SS009-MW1	Tetrachloroethene	0.20	ug/L	U	UJ
SS009-MW1	Tetrahydrofuran	4.6	ug/L	U	UJ
SS009-MW1	Toluene	0.20	ug/L	U	UJ
SS009-MW1	trans-1,2-Dichloroethene	0.21	ug/L	U	UJ
SS009-MW1	trans-1,3-Dichloropropene	0.20	ug/L	U	UJ
SS009-MW1	Trichloroethene	0.20	ug/L	U	UJ
SS009-MW1	Trichlorofluoromethane	0.20	ug/L	U	UJ
SS009-MW1	Vinyl chloride	0.20	ug/L	U	UJ
SS009-MW3	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SS009-MW3	1,1,1-Trichloroethane	0.20	ug/L	U	U
SS009-MW3	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SS009-MW3	1,1,2-Trichloroethane	0.20	ug/L	U	U
SS009-MW3	1,1-Dichloroethane	0.20	ug/L	U	U
SS009-MW3	1,1-Dichloroethene	0.20	ug/L	U	U
SS009-MW3	1,1-Dichloropropene	0.20	ug/L	U	U
SS009-MW3	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SS009-MW3	1,2,3-Trichloropropane	0.20	ug/L	U	U
SS009-MW3	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SS009-MW3	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SS009-MW3	1,2-Dichlorobenzene	0.20	ug/L	U	U
SS009-MW3	1,2-Dichloroethane	0.20	ug/L	U	U
SS009-MW3	1,2-Dichloropropane	0.20	ug/L	U	U
SS009-MW3	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SS009-MW3	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SS009-MW3	1,3-Dichlorobenzene	0.20	ug/L	U	U
SS009-MW3	1,3-Dichloropropane	0.25	ug/L	U	U

SS009-MW3	1,4-Dichlorobenzene	0.20	ug/L	U	U
SS009-MW3	1-Chlorohexane	0.20	ug/L	U	U
SS009-MW3	2,2-Dichloropropane	0.20	ug/L	U	U
SS009-MW3	2-Butanone	2.0	ug/L	U	U
SS009-MW3	2-Chlorotoluene	0.20	ug/L	U	U
SS009-MW3	2-Hexanone	5.2	ug/L	U	U
SS009-MW3	4-Chlorotoluene	0.20	ug/L	U	U
SS009-MW3	4-Methyl-2-pentanone	2.8	ug/L	U	U
SS009-MW3	Acetone	5.2	ug/L	U	R
SS009-MW3	Benzene	0.20	ug/L	U	U
SS009-MW3	Bromobenzene	0.22	ug/L	U	U
SS009-MW3	Bromochloromethane	0.20	ug/L	U	U
SS009-MW3	Bromodichloromethane	0.20	ug/L	U	U
SS009-MW3	Bromoform	0.20	ug/L	U	UJ
SS009-MW3	Bromomethane	0.25	ug/L	U	U
SS009-MW3	Carbon disulfide	0.31	ug/L	U	U
SS009-MW3	Carbon tetrachloride	0.20	ug/L	U	U
SS009-MW3	Chlorobenzene	0.20	ug/L	U	U
SS009-MW3	Chloroethane	0.23	ug/L	U	U
SS009-MW3	Chloroform	0.20	ug/L	U	U
SS009-MW3	Chloromethane	0.39	ug/L	B	U
SS009-MW3	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SS009-MW3	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SS009-MW3	Dibromochloromethane	0.20	ug/L	U	U
SS009-MW3	Dibromomethane	0.21	ug/L	U	U
SS009-MW3	Dichlorodifluoromethane	0.20	ug/L	U	U
SS009-MW3	Diisopropyl ether	0.20	ug/L	U	U
SS009-MW3	Ethyl ether	0.99	ug/L	U	U
SS009-MW3	Ethylbenzene	0.20	ug/L	U	U
SS009-MW3	Hexachlorobutadiene	0.20	ug/L	U	U
SS009-MW3	Isopropylbenzene	0.20	ug/L	U	U
SS009-MW3	m,p-Xylenes	0.79	ug/L		
SS009-MW3	Methyl tert-butyl ether	0.26	ug/L	U	U
SS009-MW3	Methylene chloride	0.59	ug/L	U	UJ
SS009-MW3	Naphthalene	0.20	ug/L	U	U
SS009-MW3	n-Butylbenzene	0.20	ug/L	U	U
SS009-MW3	n-Propylbenzene	0.20	ug/L	U	U
SS009-MW3	o-Xylene	0.20	ug/L	U	U
SS009-MW3	p-Isopropyltoluene	0.20	ug/L	U	U
SS009-MW3	sec-Butylbenzene	0.20	ug/L	U	U
SS009-MW3	Styrene	0.20	ug/L	U	U
SS009-MW3	Tert-amyl methyl ether	1.0	ug/L	U	U
SS009-MW3	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SS009-MW3	Tert-butyl ethyl ether	1.0	ug/L	U	U
SS009-MW3	tert-Butylbenzene	0.20	ug/L	U	U
SS009-MW3	Tetrachloroethene	0.20	ug/L	U	U
SS009-MW3	Tetrahydrofuran	4.6	ug/L	U	U
SS009-MW3	Toluene	0.40	ug/L		U
SS009-MW3	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SS009-MW3	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SS009-MW3	Trichloroethene	0.20	ug/L	U	U
SS009-MW3	Trichlorofluoromethane	0.20	ug/L	U	U

SS009-MW3	Vinyl chloride	0.20	ug/L	U	U
TRIP BLANK	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
TRIP BLANK	1,1,1-Trichloroethane	0.20	ug/L	U	U
TRIP BLANK	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
TRIP BLANK	1,1,2-Trichloroethane	0.20	ug/L	U	U
TRIP BLANK	1,1-Dichloroethane	0.20	ug/L	U	U
TRIP BLANK	1,1-Dichloroethene	0.20	ug/L	U	U
TRIP BLANK	1,1-Dichloropropene	0.20	ug/L	U	U
TRIP BLANK	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
TRIP BLANK	1,2,3-Trichloropropane	0.20	ug/L	U	U
TRIP BLANK	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
TRIP BLANK	1,2-Dichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1,2-Dichloroethane	0.20	ug/L	U	U
TRIP BLANK	1,2-Dichloropropane	0.20	ug/L	U	U
TRIP BLANK	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
TRIP BLANK	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
TRIP BLANK	1,3-Dichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1,3-Dichloropropane	0.25	ug/L	U	U
TRIP BLANK	1,4-Dichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1-Chlorohexane	0.20	ug/L	U	U
TRIP BLANK	2,2-Dichloropropane	0.20	ug/L	U	U
TRIP BLANK	2-Butanone	2.0	ug/L	U	U
TRIP BLANK	2-Chlorotoluene	0.20	ug/L	U	U
TRIP BLANK	2-Hexanone	5.2	ug/L	U	U
TRIP BLANK	4-Chlorotoluene	0.20	ug/L	U	U
TRIP BLANK	4-Methyl-2-pentanone	2.8	ug/L	U	U
TRIP BLANK	Acetone	5.2	ug/L	U	R
TRIP BLANK	Benzene	0.20	ug/L	U	U
TRIP BLANK	Bromobenzene	0.22	ug/L	U	U
TRIP BLANK	Bromochloromethane	0.20	ug/L	U	U
TRIP BLANK	Bromodichloromethane	0.20	ug/L	U	U
TRIP BLANK	Bromoform	0.20	ug/L	U	UJ
TRIP BLANK	Bromomethane	0.25	ug/L	U	U
TRIP BLANK	Carbon disulfide	0.31	ug/L	U	U
TRIP BLANK	Carbon tetrachloride	0.20	ug/L	U	U
TRIP BLANK	Chlorobenzene	0.20	ug/L	U	U
TRIP BLANK	Chloroethane	0.23	ug/L	U	U
TRIP BLANK	Chloroform	0.20	ug/L	U	U
TRIP BLANK	Chloromethane	0.50	ug/L	B	U
TRIP BLANK	cis-1,2-Dichloroethene	0.20	ug/L	U	U
TRIP BLANK	cis-1,3-Dichloropropene	0.20	ug/L	U	U
TRIP BLANK	Dibromochloromethane	0.20	ug/L	U	U
TRIP BLANK	Dibromomethane	0.21	ug/L	U	U
TRIP BLANK	Dichlorodifluoromethane	0.20	ug/L	U	U
TRIP BLANK	Diisopropyl ether	0.20	ug/L	U	U
TRIP BLANK	Ethyl ether	0.99	ug/L	U	U
TRIP BLANK	Ethylbenzene	0.20	ug/L	U	U
TRIP BLANK	Hexachlorobutadiene	0.20	ug/L	U	U
TRIP BLANK	Isopropylbenzene	0.20	ug/L	U	U
TRIP BLANK	m,p-Xylenes	0.26	ug/L	U	U
TRIP BLANK	Methyl tert-butyl ether	0.26	ug/L	U	U

TRIP BLANK	Methylene chloride	0.59	ug/L	U	UJ
TRIP BLANK	Naphthalene	0.20	ug/L	U	U
TRIP BLANK	n-Butylbenzene	0.20	ug/L	U	U
TRIP BLANK	n-Propylbenzene	0.20	ug/L	U	U
TRIP BLANK	o-Xylene	0.20	ug/L	U	U
TRIP BLANK	p-Isopropyltoluene	0.20	ug/L	U	U
TRIP BLANK	sec-Butylbenzene	0.20	ug/L	U	U
TRIP BLANK	Styrene	0.20	ug/L	U	U
TRIP BLANK	Tert-amyl methyl ether	1.0	ug/L	U	U
TRIP BLANK	TERT-BUTYL ALCOHOL	20	ug/L	U	U
TRIP BLANK	Tert-butyl ethyl ether	1.0	ug/L	U	U
TRIP BLANK	tert-Butylbenzene	0.20	ug/L	U	U
TRIP BLANK	Tetrachloroethene	0.20	ug/L	U	U
TRIP BLANK	Tetrahydrofuran	4.6	ug/L	U	U
TRIP BLANK	Toluene	0.50	ug/L		
TRIP BLANK	trans-1,2-Dichloroethene	0.21	ug/L	U	U
TRIP BLANK	trans-1,3-Dichloropropene	0.20	ug/L	U	U
TRIP BLANK	Trichloroethene	0.20	ug/L	U	U
TRIP BLANK	Trichlorofluoromethane	0.20	ug/L	U	U
TRIP BLANK	Vinyl chloride	0.20	ug/L	U	U
DUP 1	1,4-DIOXANE	1.0	ug/L	U	U
DUP 2	1,4-DIOXANE	1.0	ug/L	U	U
LF003-MW1	1,4-DIOXANE	1.0	ug/L	U	U
LF003-MW2	1,4-DIOXANE	1.0	ug/L	U	U
SIS08-MW1	1,4-DIOXANE	1.0	ug/L	U	U
SIS18-MW1	1,4-DIOXANE	1.0	ug/L	U	U
SIS18-MW3	1,4-DIOXANE	1.0	ug/L	U	U
SIS18-MW4	1,4-DIOXANE	1.0	ug/L	U	U
SIS18-MW5	1,4-DIOXANE	1.0	ug/L	U	U
SS008-MW3	1,4-DIOXANE	1.0	ug/L	U	U
SS008-MW4	1,4-DIOXANE	22.8	ug/L		J
SS009-MW1	1,4-DIOXANE	1.0	ug/L	U	U
SS009-MW3	1,4-DIOXANE	1.0	ug/L	U	U
DUP 3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
DUP 3	1,2-Dibromoethane	0.090	ug/L	U	U
PW-1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
PW-1	1,2-Dibromoethane	0.090	ug/L	U	U
PW-2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
PW-2	1,2-Dibromoethane	0.090	ug/L	U	U
PW-3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
PW-3	1,2-Dibromoethane	0.090	ug/L	U	U
RB1-PUMP	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
RB1-PUMP	1,2-Dibromoethane	0.090	ug/L	U	U
SIS18-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SIS18-MW2	1,2-Dibromoethane	0.090	ug/L	U	U
SIS18PZ2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SIS18PZ2	1,2-Dibromoethane	0.090	ug/L	U	U
SIS18PZ3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SIS18PZ3	1,2-Dibromoethane	0.090	ug/L	U	U
SS008-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SS008-MW1	1,2-Dibromoethane	0.090	ug/L	U	U
SS008-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U

SS008-MW2	1,2-Dibromoethane	0.090	ug/L	U	U
SS009-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SS009-MW2	1,2-Dibromoethane	0.090	ug/L	U	U
TRIP BLANK	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
TRIP BLANK	1,2-Dibromoethane	0.090	ug/L	U	U
DUP 3	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
DUP 3	1,1,1-Trichloroethane	0.20	ug/L	U	U
DUP 3	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
DUP 3	1,1,2-Trichloroethane	0.20	ug/L	U	U
DUP 3	1,1-Dichloroethane	0.20	ug/L	U	U
DUP 3	1,1-Dichloroethene	0.20	ug/L	U	U
DUP 3	1,1-Dichloropropene	0.20	ug/L	U	U
DUP 3	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
DUP 3	1,2,3-Trichloropropane	0.20	ug/L	U	U
DUP 3	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
DUP 3	1,2,4-Trimethylbenzene	0.20	ug/L	UM	UJ
DUP 3	1,2-Dichlorobenzene	0.20	ug/L	U	U
DUP 3	1,2-Dichloroethane	0.20	ug/L	U	U
DUP 3	1,2-Dichloropropane	0.20	ug/L	U	U
DUP 3	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
DUP 3	1,3,5-Trimethylbenzene	0.20	ug/L	UM	UJ
DUP 3	1,3-Dichlorobenzene	0.20	ug/L	U	U
DUP 3	1,3-Dichloropropane	0.25	ug/L	U	U
DUP 3	1,4-Dichlorobenzene	0.20	ug/L	U	U
DUP 3	1-Chlorohexane	0.20	ug/L	U	U
DUP 3	2,2-Dichloropropane	0.20	ug/L	U	U
DUP 3	2-Butanone	2.0	ug/L	U	U
DUP 3	2-Chlorotoluene	0.20	ug/L	U	U
DUP 3	2-Hexanone	5.2	ug/L	U	U
DUP 3	4-Chlorotoluene	0.20	ug/L	U	U
DUP 3	4-Methyl-2-pentanone	2.8	ug/L	U	U
DUP 3	Acetone	5.2	ug/L	UQ,M	R
DUP 3	Benzene	0.20	ug/L	U	U
DUP 3	Bromobenzene	0.22	ug/L	U	U
DUP 3	Bromochloromethane	0.20	ug/L	U	U
DUP 3	Bromodichloromethane	0.20	ug/L	U	U
DUP 3	Bromoform	0.20	ug/L	U	UJ
DUP 3	Bromomethane	0.25	ug/L	U	UJ
DUP 3	Carbon disulfide	0.31	ug/L	U	U
DUP 3	Carbon tetrachloride	0.20	ug/L	U	U
DUP 3	Chlorobenzene	0.20	ug/L	U	U
DUP 3	Chloroethane	0.23	ug/L	U	U
DUP 3	Chloroform	0.20	ug/L	U	U
DUP 3	Chloromethane	0.20	ug/L	U	U
DUP 3	cis-1,2-Dichloroethene	0.20	ug/L	U	U
DUP 3	cis-1,3-Dichloropropene	0.20	ug/L	U	U
DUP 3	Dibromochloromethane	0.20	ug/L	U	U
DUP 3	Dibromomethane	0.21	ug/L	U	U
DUP 3	Dichlorodifluoromethane	0.20	ug/L	U	U
DUP 3	Diisopropyl ether	0.20	ug/L	U	U
DUP 3	Ethyl ether	0.99	ug/L	U	U
DUP 3	Ethylbenzene	0.20	ug/L	U	U

DUP 3	Hexachlorobutadiene	0.20	ug/L	U	U
DUP 3	Isopropylbenzene	0.20	ug/L	UM	UJ
DUP 3	m,p-Xylenes	0.26	ug/L	UM	UJ
DUP 3	Methyl tert-butyl ether	0.26	ug/L	U	U
DUP 3	Methylene chloride	0.59	ug/L	UM	UJ
DUP 3	Naphthalene	0.20	ug/L	U	U
DUP 3	n-Butylbenzene	0.20	ug/L	U	U
DUP 3	n-Propylbenzene	0.20	ug/L	U	U
DUP 3	o-Xylene	0.20	ug/L	UM	UJ
DUP 3	p-Isopropyltoluene	0.20	ug/L	U	U
DUP 3	sec-Butylbenzene	0.20	ug/L	U	U
DUP 3	Styrene	0.20	ug/L	UM	UJ
DUP 3	Tert-amyl methyl ether	1.0	ug/L	U	U
DUP 3	TERT-BUTYL ALCOHOL	20	ug/L	U	U
DUP 3	Tert-butyl ethyl ether	1.0	ug/L	U	U
DUP 3	tert-Butylbenzene	0.20	ug/L	U	U
DUP 3	Tetrachloroethene	0.20	ug/L	U	U
DUP 3	Tetrahydrofuran	4.6	ug/L	U	U
DUP 3	Toluene	0.20	ug/L	U	U
DUP 3	trans-1,2-Dichloroethene	0.21	ug/L	U	U
DUP 3	trans-1,3-Dichloropropene	0.20	ug/L	U	U
DUP 3	Trichloroethene	0.20	ug/L	U	U
DUP 3	Trichlorofluoromethane	0.20	ug/L	U	U
DUP 3	Vinyl chloride	0.20	ug/L	U	U
PW-1	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
PW-1	1,1,1-Trichloroethane	0.20	ug/L	U	U
PW-1	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
PW-1	1,1,2-Trichloroethane	0.20	ug/L	U	U
PW-1	1,1-Dichloroethane	0.20	ug/L	U	U
PW-1	1,1-Dichloroethene	0.20	ug/L	U	U
PW-1	1,1-Dichloropropene	0.20	ug/L	U	U
PW-1	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
PW-1	1,2,3-Trichloropropane	0.20	ug/L	U	U
PW-1	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
PW-1	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
PW-1	1,2-Dichlorobenzene	0.20	ug/L	U	U
PW-1	1,2-Dichloroethane	0.20	ug/L	U	U
PW-1	1,2-Dichloropropane	0.20	ug/L	U	U
PW-1	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
PW-1	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
PW-1	1,3-Dichlorobenzene	0.20	ug/L	U	U
PW-1	1,3-Dichloropropane	0.25	ug/L	U	U
PW-1	1,4-Dichlorobenzene	0.20	ug/L	U	U
PW-1	1-Chlorohexane	0.20	ug/L	U	U
PW-1	2,2-Dichloropropane	0.20	ug/L	U	U
PW-1	2-Butanone	2.0	ug/L	U	U
PW-1	2-Chlorotoluene	0.20	ug/L	U	U
PW-1	2-Hexanone	5.2	ug/L	U	U
PW-1	4-Chlorotoluene	0.20	ug/L	U	U
PW-1	4-Methyl-2-pentanone	2.8	ug/L	U	U
PW-1	Acetone	5.2	ug/L	UQ	R
PW-1	Benzene	0.20	ug/L	U	U

PW-1	Bromobenzene	0.22	ug/L	U	U
PW-1	Bromochloromethane	0.20	ug/L	U	U
PW-1	Bromodichloromethane	0.20	ug/L	U	U
PW-1	Bromoform	0.20	ug/L	U	UJ
PW-1	Bromomethane	0.25	ug/L	U	UJ
PW-1	Carbon disulfide	0.31	ug/L	U	U
PW-1	Carbon tetrachloride	0.20	ug/L	U	U
PW-1	Chlorobenzene	0.20	ug/L	U	U
PW-1	Chloroethane	0.23	ug/L	U	U
PW-1	Chloroform	0.20	ug/L	U	U
PW-1	Chloromethane	0.59	ug/L	B	U
PW-1	cis-1,2-Dichloroethene	0.20	ug/L	U	U
PW-1	cis-1,3-Dichloropropene	0.20	ug/L	U	U
PW-1	Dibromochloromethane	0.20	ug/L	U	U
PW-1	Dibromomethane	0.21	ug/L	U	U
PW-1	Dichlorodifluoromethane	0.20	ug/L	U	U
PW-1	Diisopropyl ether	0.20	ug/L	U	U
PW-1	Ethyl ether	0.99	ug/L	U	U
PW-1	Ethylbenzene	0.20	ug/L	U	U
PW-1	Hexachlorobutadiene	0.20	ug/L	U	U
PW-1	Isopropylbenzene	0.20	ug/L	U	U
PW-1	m,p-Xylenes	0.26	ug/L	U	U
PW-1	Methyl tert-butyl ether	0.26	ug/L	U	U
PW-1	Methylene chloride	0.59	ug/L	U	UJ
PW-1	Naphthalene	0.20	ug/L	U	U
PW-1	n-Butylbenzene	0.20	ug/L	U	U
PW-1	n-Propylbenzene	0.20	ug/L	U	U
PW-1	o-Xylene	0.20	ug/L	U	U
PW-1	p-Isopropyltoluene	0.20	ug/L	U	U
PW-1	sec-Butylbenzene	0.20	ug/L	U	U
PW-1	Styrene	0.20	ug/L	U	U
PW-1	Tert-amyl methyl ether	1.0	ug/L	U	U
PW-1	TERT-BUTYL ALCOHOL	20	ug/L	U	U
PW-1	Tert-butyl ethyl ether	1.0	ug/L	U	U
PW-1	tert-Butylbenzene	0.20	ug/L	U	U
PW-1	Tetrachloroethene	0.20	ug/L	U	U
PW-1	Tetrahydrofuran	4.6	ug/L	U	U
PW-1	Toluene	0.20	ug/L	U	U
PW-1	trans-1,2-Dichloroethene	0.21	ug/L	U	U
PW-1	trans-1,3-Dichloropropene	0.20	ug/L	U	U
PW-1	Trichloroethene	0.20	ug/L	U	U
PW-1	Trichlorofluoromethane	0.72	ug/L		
PW-1	Vinyl chloride	0.20	ug/L	U	U
PW-2	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
PW-2	1,1,1-Trichloroethane	0.20	ug/L	U	U
PW-2	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
PW-2	1,1,2-Trichloroethane	0.20	ug/L	U	U
PW-2	1,1-Dichloroethane	0.20	ug/L	U	U
PW-2	1,1-Dichloroethene	0.20	ug/L	U	U
PW-2	1,1-Dichloropropene	0.20	ug/L	U	U
PW-2	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
PW-2	1,2,3-Trichloropropane	0.20	ug/L	U	U

PW-2	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
PW-2	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
PW-2	1,2-Dichlorobenzene	0.20	ug/L	U	U
PW-2	1,2-Dichloroethane	0.20	ug/L	U	U
PW-2	1,2-Dichloropropane	0.20	ug/L	U	U
PW-2	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
PW-2	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
PW-2	1,3-Dichlorobenzene	0.20	ug/L	U	U
PW-2	1,3-Dichloropropane	0.25	ug/L	U	U
PW-2	1,4-Dichlorobenzene	0.20	ug/L	U	U
PW-2	1-Chlorohexane	0.20	ug/L	U	U
PW-2	2,2-Dichloropropane	0.20	ug/L	U	U
PW-2	2-Butanone	2.0	ug/L	U	U
PW-2	2-Chlorotoluene	0.20	ug/L	U	U
PW-2	2-Hexanone	5.2	ug/L	U	U
PW-2	4-Chlorotoluene	0.20	ug/L	U	U
PW-2	4-Methyl-2-pentanone	2.8	ug/L	U	U
PW-2	Acetone	5.2	ug/L	UQ	R
PW-2	Benzene	0.20	ug/L	U	U
PW-2	Bromobenzene	0.22	ug/L	U	U
PW-2	Bromochloromethane	0.20	ug/L	U	U
PW-2	Bromodichloromethane	0.20	ug/L	U	U
PW-2	Bromoform	0.20	ug/L	U	UJ
PW-2	Bromomethane	0.25	ug/L	U	UJ
PW-2	Carbon disulfide	0.31	ug/L	U	U
PW-2	Carbon tetrachloride	0.20	ug/L	U	U
PW-2	Chlorobenzene	0.20	ug/L	U	U
PW-2	Chloroethane	0.23	ug/L	U	U
PW-2	Chloroform	0.20	ug/L	U	U
PW-2	Chloromethane	0.71	ug/L	B	U
PW-2	cis-1,2-Dichloroethene	0.20	ug/L	U	U
PW-2	cis-1,3-Dichloropropene	0.20	ug/L	U	U
PW-2	Dibromochloromethane	0.20	ug/L	U	U
PW-2	Dibromomethane	0.21	ug/L	U	U
PW-2	Dichlorodifluoromethane	0.20	ug/L	U	U
PW-2	Diisopropyl ether	0.20	ug/L	U	U
PW-2	Ethyl ether	0.99	ug/L	U	U
PW-2	Ethylbenzene	0.20	ug/L	U	U
PW-2	Hexachlorobutadiene	0.20	ug/L	U	U
PW-2	Isopropylbenzene	0.20	ug/L	U	U
PW-2	m,p-Xylenes	0.26	ug/L	U	U
PW-2	Methyl tert-butyl ether	0.26	ug/L	U	U
PW-2	Methylene chloride	0.59	ug/L	U	UJ
PW-2	Naphthalene	0.20	ug/L	U	U
PW-2	n-Butylbenzene	0.20	ug/L	U	U
PW-2	n-Propylbenzene	0.20	ug/L	U	U
PW-2	o-Xylene	0.20	ug/L	U	U
PW-2	p-Isopropyltoluene	0.20	ug/L	U	U
PW-2	sec-Butylbenzene	0.20	ug/L	U	U
PW-2	Styrene	0.20	ug/L	U	U
PW-2	Tert-amyl methyl ether	1.0	ug/L	U	U
PW-2	TERT-BUTYL ALCOHOL	20	ug/L	U	U

PW-2	Tert-butyl ethyl ether	1.0	ug/L	U	U
PW-2	tert-Butylbenzene	0.20	ug/L	U	U
PW-2	Tetrachloroethene	0.20	ug/L	U	U
PW-2	Tetrahydrofuran	4.6	ug/L	U	U
PW-2	Toluene	0.20	ug/L	U	U
PW-2	trans-1,2-Dichloroethene	0.21	ug/L	U	U
PW-2	trans-1,3-Dichloropropene	0.20	ug/L	U	U
PW-2	Trichloroethene	0.20	ug/L	U	U
PW-2	Trichlorofluoromethane	0.20	ug/L	U	U
PW-2	Vinyl chloride	0.20	ug/L	U	U
PW-3	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
PW-3	1,1,1-Trichloroethane	0.20	ug/L	U	U
PW-3	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
PW-3	1,1,2-Trichloroethane	0.20	ug/L	U	U
PW-3	1,1-Dichloroethane	0.20	ug/L	U	U
PW-3	1,1-Dichloroethene	0.20	ug/L	U	U
PW-3	1,1-Dichloropropene	0.20	ug/L	U	U
PW-3	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
PW-3	1,2,3-Trichloropropane	0.20	ug/L	U	U
PW-3	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
PW-3	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
PW-3	1,2-Dichlorobenzene	0.20	ug/L	U	U
PW-3	1,2-Dichloroethane	0.20	ug/L	U	U
PW-3	1,2-Dichloropropane	0.20	ug/L	U	U
PW-3	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
PW-3	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
PW-3	1,3-Dichlorobenzene	0.20	ug/L	U	U
PW-3	1,3-Dichloropropane	0.25	ug/L	U	U
PW-3	1,4-Dichlorobenzene	0.20	ug/L	U	U
PW-3	1-Chlorohexane	0.20	ug/L	U	U
PW-3	2,2-Dichloropropane	0.20	ug/L	U	U
PW-3	2-Butanone	2.0	ug/L	U	U
PW-3	2-Chlorotoluene	0.20	ug/L	U	U
PW-3	2-Hexanone	5.2	ug/L	U	U
PW-3	4-Chlorotoluene	0.20	ug/L	U	U
PW-3	4-Methyl-2-pentanone	2.8	ug/L	U	U
PW-3	Acetone	5.2	ug/L	UQ	R
PW-3	Benzene	0.20	ug/L	U	U
PW-3	Bromobenzene	0.22	ug/L	U	U
PW-3	Bromochloromethane	0.20	ug/L	U	U
PW-3	Bromodichloromethane	0.20	ug/L	U	U
PW-3	Bromoform	0.20	ug/L	U	UJ
PW-3	Bromomethane	0.25	ug/L	U	UJ
PW-3	Carbon disulfide	0.31	ug/L	U	U
PW-3	Carbon tetrachloride	0.20	ug/L	U	U
PW-3	Chlorobenzene	0.20	ug/L	U	U
PW-3	Chloroethane	0.23	ug/L	U	U
PW-3	Chloroform	0.20	ug/L	U	U
PW-3	Chloromethane	0.51	ug/L	B	U
PW-3	cis-1,2-Dichloroethene	0.20	ug/L	U	U
PW-3	cis-1,3-Dichloropropene	0.20	ug/L	U	U
PW-3	Dibromochloromethane	0.20	ug/L	U	U

PW-3	Dibromomethane	0.21	ug/L	U	U
PW-3	Dichlorodifluoromethane	0.20	ug/L	U	U
PW-3	Diisopropyl ether	0.20	ug/L	U	U
PW-3	Ethyl ether	0.99	ug/L	U	U
PW-3	Ethylbenzene	0.20	ug/L	U	U
PW-3	Hexachlorobutadiene	0.20	ug/L	U	U
PW-3	Isopropylbenzene	0.20	ug/L	U	U
PW-3	m,p-Xylenes	0.26	ug/L	U	U
PW-3	Methyl tert-butyl ether	0.26	ug/L	U	U
PW-3	Methylene chloride	0.59	ug/L	U	UJ
PW-3	Naphthalene	0.20	ug/L	U	U
PW-3	n-Butylbenzene	0.20	ug/L	U	U
PW-3	n-Propylbenzene	0.20	ug/L	U	U
PW-3	o-Xylene	0.20	ug/L	U	U
PW-3	p-Isopropyltoluene	0.20	ug/L	U	U
PW-3	sec-Butylbenzene	0.20	ug/L	U	U
PW-3	Styrene	0.20	ug/L	U	U
PW-3	Tert-amyl methyl ether	1.0	ug/L	U	U
PW-3	TERT-BUTYL ALCOHOL	20	ug/L	U	U
PW-3	Tert-butyl ethyl ether	1.0	ug/L	U	U
PW-3	tert-Butylbenzene	0.20	ug/L	U	U
PW-3	Tetrachloroethene	0.20	ug/L	U	U
PW-3	Tetrahydrofuran	4.6	ug/L	U	U
PW-3	Toluene	0.20	ug/L	U	U
PW-3	trans-1,2-Dichloroethene	0.21	ug/L	U	U
PW-3	trans-1,3-Dichloropropene	0.20	ug/L	U	U
PW-3	Trichloroethene	0.20	ug/L	U	U
PW-3	Trichlorofluoromethane	0.20	ug/L	U	U
PW-3	Vinyl chloride	0.20	ug/L	U	U
RB1-PUMP	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
RB1-PUMP	1,1,1-Trichloroethane	0.20	ug/L	U	U
RB1-PUMP	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
RB1-PUMP	1,1,2-Trichloroethane	0.20	ug/L	U	U
RB1-PUMP	1,1-Dichloroethane	0.20	ug/L	U	U
RB1-PUMP	1,1-Dichloroethene	0.20	ug/L	U	U
RB1-PUMP	1,1-Dichloropropene	0.20	ug/L	U	U
RB1-PUMP	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
RB1-PUMP	1,2,3-Trichloropropane	0.20	ug/L	U	U
RB1-PUMP	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
RB1-PUMP	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
RB1-PUMP	1,2-Dichlorobenzene	0.20	ug/L	U	U
RB1-PUMP	1,2-Dichloroethane	0.20	ug/L	U	U
RB1-PUMP	1,2-Dichloropropane	0.20	ug/L	U	U
RB1-PUMP	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
RB1-PUMP	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
RB1-PUMP	1,3-Dichlorobenzene	0.20	ug/L	U	U
RB1-PUMP	1,3-Dichloropropane	0.25	ug/L	U	U
RB1-PUMP	1,4-Dichlorobenzene	0.20	ug/L	U	U
RB1-PUMP	1-Chlorohexane	0.20	ug/L	U	U
RB1-PUMP	2,2-Dichloropropane	0.20	ug/L	U	U
RB1-PUMP	2-Butanone	2.0	ug/L	U	U
RB1-PUMP	2-Chlorotoluene	0.20	ug/L	U	U

RB1-PUMP	2-Hexanone	5.2	ug/L	U	U
RB1-PUMP	4-Chlorotoluene	0.20	ug/L	U	U
RB1-PUMP	4-Methyl-2-pentanone	2.8	ug/L	U	U
RB1-PUMP	Acetone	5.2	ug/L	UQ	R
RB1-PUMP	Benzene	0.20	ug/L	U	U
RB1-PUMP	Bromobenzene	0.22	ug/L	U	U
RB1-PUMP	Bromochloromethane	0.20	ug/L	U	U
RB1-PUMP	Bromodichloromethane	0.20	ug/L	U	U
RB1-PUMP	Bromoform	0.20	ug/L	U	UJ
RB1-PUMP	Bromomethane	0.25	ug/L	U	UJ
RB1-PUMP	Carbon disulfide	0.31	ug/L	U	U
RB1-PUMP	Carbon tetrachloride	0.20	ug/L	U	U
RB1-PUMP	Chlorobenzene	0.20	ug/L	U	U
RB1-PUMP	Chloroethane	0.23	ug/L	U	U
RB1-PUMP	Chloroform	0.20	ug/L	U	U
RB1-PUMP	Chloromethane	0.20	ug/L	U	U
RB1-PUMP	cis-1,2-Dichloroethene	0.20	ug/L	U	U
RB1-PUMP	cis-1,3-Dichloropropene	0.20	ug/L	U	U
RB1-PUMP	Dibromochloromethane	0.20	ug/L	U	U
RB1-PUMP	Dibromomethane	0.21	ug/L	U	U
RB1-PUMP	Dichlorodifluoromethane	0.20	ug/L	U	U
RB1-PUMP	Diisopropyl ether	0.20	ug/L	U	U
RB1-PUMP	Ethyl ether	0.99	ug/L	U	U
RB1-PUMP	Ethylbenzene	0.20	ug/L	U	U
RB1-PUMP	Hexachlorobutadiene	0.20	ug/L	U	U
RB1-PUMP	Isopropylbenzene	0.20	ug/L	U	U
RB1-PUMP	m,p-Xylenes	0.26	ug/L	U	U
RB1-PUMP	Methyl tert-butyl ether	4.0	ug/L		
RB1-PUMP	Methylene chloride	0.59	ug/L	U	UJ
RB1-PUMP	Naphthalene	0.20	ug/L	U	U
RB1-PUMP	n-Butylbenzene	0.20	ug/L	U	U
RB1-PUMP	n-Propylbenzene	0.20	ug/L	U	U
RB1-PUMP	o-Xylene	0.20	ug/L	U	U
RB1-PUMP	p-Isopropyltoluene	0.20	ug/L	U	U
RB1-PUMP	sec-Butylbenzene	0.20	ug/L	U	U
RB1-PUMP	Styrene	0.20	ug/L	U	U
RB1-PUMP	Tert-amyl methyl ether	1.0	ug/L	U	U
RB1-PUMP	TERT-BUTYL ALCOHOL	20	ug/L	U	U
RB1-PUMP	Tert-butyl ethyl ether	1.0	ug/L	U	U
RB1-PUMP	tert-Butylbenzene	0.20	ug/L	U	U
RB1-PUMP	Tetrachloroethene	0.20	ug/L	U	U
RB1-PUMP	Tetrahydrofuran	4.6	ug/L	U	U
RB1-PUMP	Toluene	0.86	ug/L		
RB1-PUMP	trans-1,2-Dichloroethene	0.21	ug/L	U	U
RB1-PUMP	trans-1,3-Dichloropropene	0.20	ug/L	U	U
RB1-PUMP	Trichloroethene	0.20	ug/L	U	U
RB1-PUMP	Trichlorofluoromethane	0.20	ug/L	U	U
RB1-PUMP	Vinyl chloride	0.20	ug/L	U	U
SIS18-MW2	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SIS18-MW2	1,1,1-Trichloroethane	0.20	ug/L	U	U
SIS18-MW2	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SIS18-MW2	1,1,2-Trichloroethane	0.20	ug/L	U	U

SIS18-MW2	1,1-Dichloroethane	0.20	ug/L	U	U
SIS18-MW2	1,1-Dichloroethene	0.20	ug/L	U	U
SIS18-MW2	1,1-Dichloropropene	0.20	ug/L	U	U
SIS18-MW2	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SIS18-MW2	1,2,3-Trichloropropane	0.20	ug/L	U	U
SIS18-MW2	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SIS18-MW2	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW2	1,2-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW2	1,2-Dichloroethane	0.20	ug/L	U	U
SIS18-MW2	1,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW2	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SIS18-MW2	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW2	1,3-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW2	1,3-Dichloropropane	0.25	ug/L	U	U
SIS18-MW2	1,4-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW2	1-Chlorohexane	0.20	ug/L	U	U
SIS18-MW2	2,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW2	2-Butanone	2.0	ug/L	U	U
SIS18-MW2	2-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW2	2-Hexanone	5.2	ug/L	U	U
SIS18-MW2	4-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW2	4-Methyl-2-pentanone	2.8	ug/L	U	U
SIS18-MW2	Acetone	5.2	ug/L	UQ	R
SIS18-MW2	Benzene	0.20	ug/L	U	U
SIS18-MW2	Bromobenzene	0.22	ug/L	U	U
SIS18-MW2	Bromochloromethane	0.20	ug/L	U	U
SIS18-MW2	Bromodichloromethane	0.20	ug/L	U	U
SIS18-MW2	Bromoform	0.20	ug/L	U	UJ
SIS18-MW2	Bromomethane	0.25	ug/L	U	UJ
SIS18-MW2	Carbon disulfide	0.31	ug/L	U	U
SIS18-MW2	Carbon tetrachloride	0.20	ug/L	U	U
SIS18-MW2	Chlorobenzene	0.20	ug/L	U	U
SIS18-MW2	Chloroethane	0.23	ug/L	U	U
SIS18-MW2	Chloroform	0.20	ug/L	U	U
SIS18-MW2	Chloromethane	0.40	ug/L	B	
SIS18-MW2	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SIS18-MW2	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW2	Dibromochloromethane	0.20	ug/L	U	U
SIS18-MW2	Dibromomethane	0.21	ug/L	U	U
SIS18-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U
SIS18-MW2	Diisopropyl ether	0.20	ug/L	U	U
SIS18-MW2	Ethyl ether	0.99	ug/L	U	U
SIS18-MW2	Ethylbenzene	0.20	ug/L	U	U
SIS18-MW2	Hexachlorobutadiene	0.20	ug/L	U	U
SIS18-MW2	Isopropylbenzene	0.20	ug/L	U	U
SIS18-MW2	m,p-Xylenes	0.26	ug/L	U	U
SIS18-MW2	Methyl tert-butyl ether	0.26	ug/L	U	U
SIS18-MW2	Methylene chloride	0.59	ug/L	U	UJ
SIS18-MW2	Naphthalene	0.20	ug/L	U	U
SIS18-MW2	n-Butylbenzene	0.20	ug/L	U	U
SIS18-MW2	n-Propylbenzene	0.20	ug/L	U	U
SIS18-MW2	o-Xylene	0.20	ug/L	U	U

SIS18-MW2	p-Isopropyltoluene	0.20	ug/L	U	U
SIS18-MW2	sec-Butylbenzene	0.20	ug/L	U	U
SIS18-MW2	Styrene	0.20	ug/L	U	U
SIS18-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U
SIS18-MW2	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SIS18-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U
SIS18-MW2	tert-Butylbenzene	0.20	ug/L	U	U
SIS18-MW2	Tetrachloroethene	0.20	ug/L	U	U
SIS18-MW2	Tetrahydrofuran	4.6	ug/L	U	U
SIS18-MW2	Toluene	0.20	ug/L	U	U
SIS18-MW2	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SIS18-MW2	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW2	Trichloroethene	0.20	ug/L	U	U
SIS18-MW2	Trichlorofluoromethane	0.20	ug/L	U	U
SIS18-MW2	Vinyl chloride	0.20	ug/L	U	U
SIS18-MW2 DUP	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SIS18-MW2 DUP	1,1,1-Trichloroethane	0.20	ug/L	U	U
SIS18-MW2 DUP	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SIS18-MW2 DUP	1,1,2-Trichloroethane	0.20	ug/L	U	U
SIS18-MW2 DUP	1,1-Dichloroethane	0.20	ug/L	U	U
SIS18-MW2 DUP	1,1-Dichloroethene	0.20	ug/L	U	U
SIS18-MW2 DUP	1,1-Dichloropropene	0.20	ug/L	U	U
SIS18-MW2 DUP	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SIS18-MW2 DUP	1,2,3-Trichloropropane	0.20	ug/L	U	U
SIS18-MW2 DUP	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	1,2-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	1,2-Dichloroethane	0.20	ug/L	U	U
SIS18-MW2 DUP	1,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW2 DUP	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SIS18-MW2 DUP	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	1,3-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	1,3-Dichloropropane	0.25	ug/L	U	U
SIS18-MW2 DUP	1,4-Dichlorobenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	1-Chlorohexane	0.20	ug/L	U	U
SIS18-MW2 DUP	2,2-Dichloropropane	0.20	ug/L	U	U
SIS18-MW2 DUP	2-Butanone	2.0	ug/L	U	U
SIS18-MW2 DUP	2-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW2 DUP	2-Hexanone	5.2	ug/L	U	U
SIS18-MW2 DUP	4-Chlorotoluene	0.20	ug/L	U	U
SIS18-MW2 DUP	4-Methyl-2-pentanone	2.8	ug/L	U	U
SIS18-MW2 DUP	Acetone	5.2	ug/L	UQ	R
SIS18-MW2 DUP	Benzene	0.20	ug/L	U	U
SIS18-MW2 DUP	Bromobenzene	0.22	ug/L	U	U
SIS18-MW2 DUP	Bromochloromethane	0.20	ug/L	U	U
SIS18-MW2 DUP	Bromodichloromethane	0.20	ug/L	U	U
SIS18-MW2 DUP	Bromoform	0.20	ug/L	U	UJ
SIS18-MW2 DUP	Bromomethane	0.25	ug/L	U	UJ
SIS18-MW2 DUP	Carbon disulfide	0.31	ug/L	U	U
SIS18-MW2 DUP	Carbon tetrachloride	0.20	ug/L	U	U
SIS18-MW2 DUP	Chlorobenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	Chloroethane	0.23	ug/L	U	U

SIS18-MW2 DUP	Chloroform	0.20	ug/L	U	U
SIS18-MW2 DUP	Chloromethane	0.20	ug/L	U	U
SIS18-MW2 DUP	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SIS18-MW2 DUP	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW2 DUP	Dibromochloromethane	0.20	ug/L	U	U
SIS18-MW2 DUP	Dibromomethane	0.21	ug/L	U	U
SIS18-MW2 DUP	Dichlorodifluoromethane	0.20	ug/L	U	U
SIS18-MW2 DUP	Diisopropyl ether	0.20	ug/L	U	U
SIS18-MW2 DUP	Ethyl ether	0.99	ug/L	U	U
SIS18-MW2 DUP	Ethylbenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	Hexachlorobutadiene	0.20	ug/L	U	U
SIS18-MW2 DUP	Isopropylbenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	m,p-Xylenes	0.26	ug/L	U	U
SIS18-MW2 DUP	Methyl tert-butyl ether	0.26	ug/L	U	U
SIS18-MW2 DUP	Methylene chloride	0.59	ug/L	U	UJ
SIS18-MW2 DUP	Naphthalene	0.20	ug/L	U	U
SIS18-MW2 DUP	n-Butylbenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	n-Propylbenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	o-Xylene	0.20	ug/L	U	U
SIS18-MW2 DUP	p-Isopropyltoluene	0.20	ug/L	U	U
SIS18-MW2 DUP	sec-Butylbenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	Styrene	0.20	ug/L	U	U
SIS18-MW2 DUP	Tert-amyl methyl ether	1.0	ug/L	U	U
SIS18-MW2 DUP	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SIS18-MW2 DUP	Tert-butyl ethyl ether	1.0	ug/L	U	U
SIS18-MW2 DUP	tert-Butylbenzene	0.20	ug/L	U	U
SIS18-MW2 DUP	Tetrachloroethene	0.20	ug/L	U	U
SIS18-MW2 DUP	Tetrahydrofuran	4.6	ug/L	U	U
SIS18-MW2 DUP	Toluene	0.20	ug/L	U	U
SIS18-MW2 DUP	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SIS18-MW2 DUP	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SIS18-MW2 DUP	Trichloroethene	0.20	ug/L	U	U
SIS18-MW2 DUP	Trichlorofluoromethane	0.20	ug/L	U	U
SIS18-MW2 DUP	Vinyl chloride	0.20	ug/L	U	U
SIS18PZ2	1,1,1,2-TETRACHLOROETHANE	20	ug/L	U	U
SIS18PZ2	1,1,1-Trichloroethane	20	ug/L	U	U
SIS18PZ2	1,1,2,2-Tetrachloroethane	4.6	ug/L	U	UJ
SIS18PZ2	1,1,2-Trichloroethane	16	ug/L	U	U
SIS18PZ2	1,1-Dichloroethane	14	ug/L	U	U
SIS18PZ2	1,1-Dichloroethene	13	ug/L	U	U
SIS18PZ2	1,1-Dichloropropene	18	ug/L	U	U
SIS18PZ2	1,2,3-Trichlorobenzene	17	ug/L	UQ	UJ
SIS18PZ2	1,2,3-Trichloropropane	11	ug/L	U	UJ
SIS18PZ2	1,2,4-Trichlorobenzene	15	ug/L	UQ	UJ
SIS18PZ2	1,2,4-Trimethylbenzene	8.1	ug/L	U	UJ
SIS18PZ2	1,2-Dichlorobenzene	14	ug/L	U	UJ
SIS18PZ2	1,2-Dichloroethane	11	ug/L	U	U
SIS18PZ2	1,2-Dichloropropane	7.1	ug/L	U	U
SIS18PZ2	1,3,5-Trichlorobenzene	11	ug/L	U	UJ
SIS18PZ2	1,3,5-Trimethylbenzene	6.3	ug/L	U	UJ
SIS18PZ2	1,3-Dichlorobenzene	12	ug/L	U	UJ
SIS18PZ2	1,3-Dichloropropane	6.5	ug/L	U	U

SIS18PZ2	1,4-Dichlorobenzene	16	ug/L	U	UJ
SIS18PZ2	1-Chlorohexane	16	ug/L	U	U
SIS18PZ2	2,2-Dichloropropane	11	ug/L	UQ	UJ
SIS18PZ2	2-Butanone	140	ug/L	U	U
SIS18PZ2	2-Chlorotoluene	11	ug/L	U	UJ
SIS18PZ2	2-Hexanone	130	ug/L	U	U
SIS18PZ2	4-Chlorotoluene	10	ug/L	U	UJ
SIS18PZ2	4-Methyl-2-pentanone	100	ug/L	U	U
SIS18PZ2	Acetone	95	ug/L	J	J
SIS18PZ2	Benzene	5.5	ug/L	U	U
SIS18PZ2	Bromobenzene	11	ug/L	U	UJ
SIS18PZ2	Bromochloromethane	7.2	ug/L	U	U
SIS18PZ2	Bromodichloromethane	6.4	ug/L	U	U
SIS18PZ2	Bromoform	15	ug/L	U	U
SIS18PZ2	Bromomethane	13	ug/L	U	U
SIS18PZ2	Carbon disulfide	20	ug/L	U	U
SIS18PZ2	Carbon tetrachloride	13	ug/L	U	U
SIS18PZ2	Chlorobenzene	11	ug/L	U	U
SIS18PZ2	Chloroethane	13	ug/L	U	U
SIS18PZ2	Chloroform	7.2	ug/L	U	U
SIS18PZ2	Chloromethane	10	ug/L	U	U
SIS18PZ2	cis-1,2-Dichloroethene	12	ug/L	U	U
SIS18PZ2	cis-1,3-Dichloropropene	4.7	ug/L	U	U
SIS18PZ2	Dibromochloromethane	7.6	ug/L	U	U
SIS18PZ2	Dibromomethane	15	ug/L	U	U
SIS18PZ2	Dichlorodifluoromethane	15	ug/L	U	U
SIS18PZ2	Diisopropyl ether	17	ug/L	U	U
SIS18PZ2	Ethyl ether	9.9	ug/L	U	U
SIS18PZ2	Ethylbenzene	9.4	ug/L	U	U
SIS18PZ2	Hexachlorobutadiene	5.0	ug/L	U	UJ
SIS18PZ2	m,p-Xylenes	20	ug/L	U	UJ
SIS18PZ2	Methyl tert-butyl ether	7.6	ug/L	U	U
SIS18PZ2	Methylene chloride	15	ug/L	U	UJ
SIS18PZ2	Naphthalene	18	ug/L	UQ	UJ
SIS18PZ2	n-Butylbenzene	7.9	ug/L	U	UJ
SIS18PZ2	n-Propylbenzene	6.8	ug/L	U	UJ
SIS18PZ2	o-Xylene	16	ug/L	U	UJ
SIS18PZ2	p-Isopropyltoluene	5.6	ug/L	U	UJ
SIS18PZ2	sec-Butylbenzene	9.8	ug/L	U	UJ
SIS18PZ2	Styrene	10	ug/L	U	UJ
SIS18PZ2	Tert-amyl methyl ether	4.5	ug/L	U	U
SIS18PZ2	TERT-BUTYL ALCOHOL	200	ug/L	U	U
SIS18PZ2	Tert-butyl ethyl ether	3.8	ug/L	U	U
SIS18PZ2	tert-Butylbenzene	7.6	ug/L	U	UJ
SIS18PZ2	Tetrachloroethene	13	ug/L	U	U
SIS18PZ2	Tetrahydrofuran	120	ug/L	U	U
SIS18PZ2	Toluene	6.8	ug/L	U	U
SIS18PZ2	trans-1,2-Dichloroethene	18	ug/L	U	U
SIS18PZ2	trans-1,3-Dichloropropene	4.5	ug/L	U	U
SIS18PZ2	Trichloroethene	4.8	ug/L	U	U
SIS18PZ2	Trichlorofluoromethane	14	ug/L	U	U
SIS18PZ2	Vinyl chloride	4.9	ug/L	U	U

SIS18PZ3	1,1,1,2-TETRACHLOROETHANE	40	ug/L	U	U
SIS18PZ3	1,1,1-Trichloroethane	40	ug/L	U	U
SIS18PZ3	1,1,2,2-Tetrachloroethane	9.2	ug/L	U	U
SIS18PZ3	1,1,2-Trichloroethane	32	ug/L	U	U
SIS18PZ3	1,1-Dichloroethane	28	ug/L	U	U
SIS18PZ3	1,1-Dichloroethene	26	ug/L	U	U
SIS18PZ3	1,1-Dichloropropene	36	ug/L	U	U
SIS18PZ3	1,2,3-Trichlorobenzene	34	ug/L	UQ	UJ
SIS18PZ3	1,2,3-Trichloropropane	22	ug/L	U	U
SIS18PZ3	1,2,4-Trichlorobenzene	30	ug/L	UQ	UJ
SIS18PZ3	1,2,4-Trimethylbenzene	20	ug/L	U	U
SIS18PZ3	1,2-Dichlorobenzene	28	ug/L	U	U
SIS18PZ3	1,2-Dichloroethane	22	ug/L	U	U
SIS18PZ3	1,2-Dichloropropane	20	ug/L	U	U
SIS18PZ3	1,3,5-Trichlorobenzene	22	ug/L	U	U
SIS18PZ3	1,3,5-Trimethylbenzene	20	ug/L	U	U
SIS18PZ3	1,3-Dichlorobenzene	24	ug/L	U	U
SIS18PZ3	1,3-Dichloropropane	20	ug/L	U	U
SIS18PZ3	1,4-Dichlorobenzene	32	ug/L	U	U
SIS18PZ3	1-Chlorohexane	32	ug/L	U	U
SIS18PZ3	2,2-Dichloropropane	22	ug/L	UQ	UJ
SIS18PZ3	2-Butanone	280	ug/L	U	U
SIS18PZ3	2-Chlorotoluene	22	ug/L	U	U
SIS18PZ3	2-Hexanone	360	ug/L	B	UJ
SIS18PZ3	4-Chlorotoluene	20	ug/L	U	U
SIS18PZ3	4-Methyl-2-pentanone	300	ug/L	B	U
SIS18PZ3	Acetone	440	ug/L	U	U
SIS18PZ3	Benzene	20	ug/L	U	U
SIS18PZ3	Bromobenzene	22	ug/L	U	U
SIS18PZ3	Bromochloromethane	20	ug/L	U	U
SIS18PZ3	Bromodichloromethane	20	ug/L	U	U
SIS18PZ3	Bromoform	30	ug/L	U	U
SIS18PZ3	Bromomethane	26	ug/L	U	UJ
SIS18PZ3	Carbon disulfide	40	ug/L	U	U
SIS18PZ3	Carbon tetrachloride	26	ug/L	U	U
SIS18PZ3	Chlorobenzene	22	ug/L	U	U
SIS18PZ3	Chloroethane	26	ug/L	U	U
SIS18PZ3	Chloroform	20	ug/L	U	U
SIS18PZ3	Chloromethane	20	ug/L	U	U
SIS18PZ3	cis-1,2-Dichloroethene	24	ug/L	U	U
SIS18PZ3	cis-1,3-Dichloropropene	9.4	ug/L	U	U
SIS18PZ3	Dibromochloromethane	20	ug/L	U	U
SIS18PZ3	Dibromomethane	30	ug/L	U	U
SIS18PZ3	Dichlorodifluoromethane	30	ug/L	U	U
SIS18PZ3	Diisopropyl ether	34	ug/L	U	U
SIS18PZ3	Ethyl ether	6.0	ug/L	U	U
SIS18PZ3	Ethylbenzene	20	ug/L	U	U
SIS18PZ3	Hexachlorobutadiene	30	ug/L	U	U
SIS18PZ3	m,p-Xylenes	40	ug/L	U	U
SIS18PZ3	Methyl tert-butyl ether	20	ug/L	U	U
SIS18PZ3	Methylene chloride	30	ug/L	U	U
SIS18PZ3	Naphthalene	36	ug/L	UQ	UJ

SIS18PZ3	n-Butylbenzene	20	ug/L	U	U
SIS18PZ3	n-Propylbenzene	20	ug/L	U	U
SIS18PZ3	o-Xylene	32	ug/L	U	U
SIS18PZ3	p-Isopropyltoluene	20	ug/L	U	U
SIS18PZ3	sec-Butylbenzene	20	ug/L	U	U
SIS18PZ3	Styrene	20	ug/L	U	U
SIS18PZ3	Tert-amyl methyl ether	9.0	ug/L	U	UJ
SIS18PZ3	TERT-BUTYL ALCOHOL	400	ug/L	U	U
SIS18PZ3	Tert-butyl ethyl ether	7.6	ug/L	U	UJ
SIS18PZ3	tert-Butylbenzene	20	ug/L	U	U
SIS18PZ3	Tetrachloroethene	26	ug/L	U	U
SIS18PZ3	Tetrahydrofuran	240	ug/L	U	U
SIS18PZ3	Toluene	20	ug/L	U	U
SIS18PZ3	trans-1,2-Dichloroethene	36	ug/L	U	U
SIS18PZ3	trans-1,3-Dichloropropene	9.0	ug/L	U	U
SIS18PZ3	Trichloroethene	9.6	ug/L	U	U
SIS18PZ3	Trichlorofluoromethane	28	ug/L	U	U
SIS18PZ3	Vinyl chloride	9.8	ug/L	U	U
SS008-MW1	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SS008-MW1	1,1,1-Trichloroethane	0.20	ug/L	U	U
SS008-MW1	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SS008-MW1	1,1,2-Trichloroethane	0.20	ug/L	U	U
SS008-MW1	1,1-Dichloroethane	0.20	ug/L	U	U
SS008-MW1	1,1-Dichloroethene	0.20	ug/L	U	U
SS008-MW1	1,1-Dichloropropene	0.20	ug/L	U	U
SS008-MW1	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SS008-MW1	1,2,3-Trichloropropane	0.20	ug/L	U	U
SS008-MW1	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SS008-MW1	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SS008-MW1	1,2-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW1	1,2-Dichloroethane	0.20	ug/L	U	U
SS008-MW1	1,2-Dichloropropane	0.20	ug/L	U	U
SS008-MW1	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SS008-MW1	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SS008-MW1	1,3-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW1	1,3-Dichloropropane	0.25	ug/L	U	U
SS008-MW1	1,4-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW1	1-Chlorohexane	0.20	ug/L	U	U
SS008-MW1	2,2-Dichloropropane	0.20	ug/L	U	U
SS008-MW1	2-Butanone	2.0	ug/L	U	U
SS008-MW1	2-Chlorotoluene	0.20	ug/L	U	U
SS008-MW1	2-Hexanone	5.2	ug/L	U	U
SS008-MW1	4-Chlorotoluene	0.20	ug/L	U	U
SS008-MW1	4-Methyl-2-pentanone	2.8	ug/L	U	U
SS008-MW1	Acetone	5.2	ug/L	UQ	R
SS008-MW1	Benzene	0.20	ug/L	U	U
SS008-MW1	Bromobenzene	0.22	ug/L	U	U
SS008-MW1	Bromochloromethane	0.20	ug/L	U	U
SS008-MW1	Bromodichloromethane	0.20	ug/L	U	U
SS008-MW1	Bromoform	0.20	ug/L	U	UJ
SS008-MW1	Bromomethane	0.25	ug/L	U	UJ
SS008-MW1	Carbon disulfide	0.31	ug/L	U	U

SS008-MW1	Carbon tetrachloride	0.20	ug/L	U	U
SS008-MW1	Chlorobenzene	0.20	ug/L	U	U
SS008-MW1	Chloroethane	0.23	ug/L	U	U
SS008-MW1	Chloroform	0.20	ug/L	U	U
SS008-MW1	Chloromethane	0.35	ug/L	B	U
SS008-MW1	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SS008-MW1	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SS008-MW1	Dibromochloromethane	0.20	ug/L	U	U
SS008-MW1	Dibromomethane	0.21	ug/L	U	U
SS008-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U
SS008-MW1	Diisopropyl ether	0.20	ug/L	U	U
SS008-MW1	Ethyl ether	0.99	ug/L	U	U
SS008-MW1	Ethylbenzene	0.20	ug/L	U	U
SS008-MW1	Hexachlorobutadiene	0.20	ug/L	U	U
SS008-MW1	Isopropylbenzene	0.20	ug/L	U	U
SS008-MW1	m,p-Xylenes	0.26	ug/L	U	U
SS008-MW1	Methyl tert-butyl ether	0.26	ug/L	U	U
SS008-MW1	Methylene chloride	0.59	ug/L	U	UJ
SS008-MW1	Naphthalene	0.20	ug/L	U	U
SS008-MW1	n-Butylbenzene	0.20	ug/L	U	U
SS008-MW1	n-Propylbenzene	0.20	ug/L	U	U
SS008-MW1	o-Xylene	0.20	ug/L	U	U
SS008-MW1	p-Isopropyltoluene	0.20	ug/L	U	U
SS008-MW1	sec-Butylbenzene	0.20	ug/L	U	U
SS008-MW1	Styrene	0.20	ug/L	U	U
SS008-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U
SS008-MW1	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SS008-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U
SS008-MW1	tert-Butylbenzene	0.20	ug/L	U	U
SS008-MW1	Tetrachloroethene	0.20	ug/L	U	U
SS008-MW1	Tetrahydrofuran	4.6	ug/L	U	U
SS008-MW1	Toluene	0.20	ug/L	U	U
SS008-MW1	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SS008-MW1	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SS008-MW1	Trichloroethene	0.20	ug/L	U	U
SS008-MW1	Trichlorofluoromethane	0.20	ug/L	U	U
SS008-MW1	Vinyl chloride	0.20	ug/L	U	U
SS008-MW2	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SS008-MW2	1,1,1-Trichloroethane	0.20	ug/L	U	U
SS008-MW2	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SS008-MW2	1,1,2-Trichloroethane	0.20	ug/L	U	U
SS008-MW2	1,1-Dichloroethane	0.20	ug/L	U	U
SS008-MW2	1,1-Dichloroethene	0.20	ug/L	U	U
SS008-MW2	1,1-Dichloropropene	0.20	ug/L	U	U
SS008-MW2	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SS008-MW2	1,2,3-Trichloropropane	0.20	ug/L	U	U
SS008-MW2	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SS008-MW2	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SS008-MW2	1,2-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW2	1,2-Dichloroethane	0.20	ug/L	U	U
SS008-MW2	1,2-Dichloropropane	0.20	ug/L	U	U
SS008-MW2	1,3,5-Trichlorobenzene	1.1	ug/L	U	U

SS008-MW2	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SS008-MW2	1,3-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW2	1,3-Dichloropropane	0.25	ug/L	U	U
SS008-MW2	1,4-Dichlorobenzene	0.20	ug/L	U	U
SS008-MW2	1-Chlorohexane	0.20	ug/L	U	U
SS008-MW2	2,2-Dichloropropane	0.20	ug/L	U	U
SS008-MW2	2-Butanone	2.0	ug/L	U	U
SS008-MW2	2-Chlorotoluene	0.20	ug/L	U	U
SS008-MW2	2-Hexanone	5.2	ug/L	U	U
SS008-MW2	4-Chlorotoluene	0.20	ug/L	U	U
SS008-MW2	4-Methyl-2-pentanone	2.8	ug/L	U	U
SS008-MW2	Acetone	5.2	ug/L	UQ	R
SS008-MW2	Benzene	0.20	ug/L	U	U
SS008-MW2	Bromobenzene	0.22	ug/L	U	U
SS008-MW2	Bromochloromethane	0.20	ug/L	U	U
SS008-MW2	Bromodichloromethane	0.20	ug/L	U	U
SS008-MW2	Bromoform	0.20	ug/L	U	UJ
SS008-MW2	Bromomethane	0.25	ug/L	U	UJ
SS008-MW2	Carbon disulfide	0.31	ug/L	U	U
SS008-MW2	Carbon tetrachloride	0.20	ug/L	U	U
SS008-MW2	Chlorobenzene	0.20	ug/L	U	U
SS008-MW2	Chloroethane	0.23	ug/L	U	U
SS008-MW2	Chloroform	0.20	ug/L	U	U
SS008-MW2	Chloromethane	0.20	ug/L	U	U
SS008-MW2	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SS008-MW2	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SS008-MW2	Dibromochloromethane	0.20	ug/L	U	U
SS008-MW2	Dibromomethane	0.21	ug/L	U	U
SS008-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U
SS008-MW2	Diisopropyl ether	0.20	ug/L	U	U
SS008-MW2	Ethyl ether	0.99	ug/L	U	U
SS008-MW2	Ethylbenzene	0.20	ug/L	U	U
SS008-MW2	Hexachlorobutadiene	0.20	ug/L	U	U
SS008-MW2	Isopropylbenzene	0.20	ug/L	U	U
SS008-MW2	m,p-Xylenes	0.26	ug/L	U	U
SS008-MW2	Methyl tert-butyl ether	0.26	ug/L	U	U
SS008-MW2	Methylene chloride	0.59	ug/L	U	UJ
SS008-MW2	Naphthalene	0.20	ug/L	U	U
SS008-MW2	n-Butylbenzene	0.20	ug/L	U	U
SS008-MW2	n-Propylbenzene	0.20	ug/L	U	U
SS008-MW2	o-Xylene	0.20	ug/L	U	U
SS008-MW2	p-Isopropyltoluene	0.20	ug/L	U	U
SS008-MW2	sec-Butylbenzene	0.20	ug/L	U	U
SS008-MW2	Styrene	0.20	ug/L	U	U
SS008-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U
SS008-MW2	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SS008-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U
SS008-MW2	tert-Butylbenzene	0.20	ug/L	U	U
SS008-MW2	Tetrachloroethene	0.20	ug/L	U	U
SS008-MW2	Tetrahydrofuran	4.6	ug/L	U	U
SS008-MW2	Toluene	0.20	ug/L	U	U
SS008-MW2	trans-1,2-Dichloroethene	0.21	ug/L	U	U

SS008-MW2	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SS008-MW2	Trichloroethene	0.20	ug/L	U	U
SS008-MW2	Trichlorofluoromethane	0.20	ug/L	U	U
SS008-MW2	Vinyl chloride	0.20	ug/L	U	U
SS009-MW2	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
SS009-MW2	1,1,1-Trichloroethane	0.20	ug/L	U	U
SS009-MW2	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
SS009-MW2	1,1,2-Trichloroethane	0.20	ug/L	U	U
SS009-MW2	1,1-Dichloroethane	0.20	ug/L	U	U
SS009-MW2	1,1-Dichloroethene	0.20	ug/L	U	U
SS009-MW2	1,1-Dichloropropene	0.20	ug/L	U	U
SS009-MW2	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SS009-MW2	1,2,3-Trichloropropane	0.20	ug/L	U	U
SS009-MW2	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SS009-MW2	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
SS009-MW2	1,2-Dichlorobenzene	0.20	ug/L	U	U
SS009-MW2	1,2-Dichloroethane	0.20	ug/L	U	U
SS009-MW2	1,2-Dichloropropane	0.20	ug/L	U	U
SS009-MW2	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SS009-MW2	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
SS009-MW2	1,3-Dichlorobenzene	0.20	ug/L	U	U
SS009-MW2	1,3-Dichloropropane	0.25	ug/L	U	U
SS009-MW2	1,4-Dichlorobenzene	0.20	ug/L	U	U
SS009-MW2	1-Chlorohexane	0.20	ug/L	U	U
SS009-MW2	2,2-Dichloropropane	0.20	ug/L	U	U
SS009-MW2	2-Butanone	2.0	ug/L	U	U
SS009-MW2	2-Chlorotoluene	0.20	ug/L	U	U
SS009-MW2	2-Hexanone	5.2	ug/L	U	U
SS009-MW2	4-Chlorotoluene	0.20	ug/L	U	U
SS009-MW2	4-Methyl-2-pentanone	2.8	ug/L	U	U
SS009-MW2	Acetone	5.2	ug/L	UQ	R
SS009-MW2	Benzene	0.20	ug/L	U	U
SS009-MW2	Bromobenzene	0.22	ug/L	U	U
SS009-MW2	Bromochloromethane	0.20	ug/L	U	U
SS009-MW2	Bromodichloromethane	0.20	ug/L	U	U
SS009-MW2	Bromoform	0.20	ug/L	U	UJ
SS009-MW2	Bromomethane	0.25	ug/L	U	UJ
SS009-MW2	Carbon disulfide	0.31	ug/L	U	U
SS009-MW2	Carbon tetrachloride	0.20	ug/L	U	U
SS009-MW2	Chlorobenzene	0.20	ug/L	U	U
SS009-MW2	Chloroethane	0.23	ug/L	U	U
SS009-MW2	Chloroform	0.20	ug/L	U	U
SS009-MW2	Chloromethane	0.20	ug/L	U	U
SS009-MW2	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SS009-MW2	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SS009-MW2	Dibromochloromethane	0.20	ug/L	U	U
SS009-MW2	Dibromomethane	0.21	ug/L	U	U
SS009-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U
SS009-MW2	Diisopropyl ether	0.20	ug/L	U	U
SS009-MW2	Ethyl ether	0.99	ug/L	U	U
SS009-MW2	Ethylbenzene	0.20	ug/L	U	U
SS009-MW2	Hexachlorobutadiene	0.20	ug/L	U	U

SS009-MW2	Isopropylbenzene	0.20	ug/L	U	U
SS009-MW2	m,p-Xylenes	0.26	ug/L	U	U
SS009-MW2	Methyl tert-butyl ether	0.26	ug/L	U	U
SS009-MW2	Methylene chloride	0.59	ug/L	U	UJ
SS009-MW2	Naphthalene	0.20	ug/L	U	U
SS009-MW2	n-Butylbenzene	0.20	ug/L	U	U
SS009-MW2	n-Propylbenzene	0.20	ug/L	U	U
SS009-MW2	o-Xylene	0.20	ug/L	U	U
SS009-MW2	p-Isopropyltoluene	0.20	ug/L	U	U
SS009-MW2	sec-Butylbenzene	0.20	ug/L	U	U
SS009-MW2	Styrene	0.20	ug/L	U	U
SS009-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U
SS009-MW2	TERT-BUTYL ALCOHOL	20	ug/L	U	U
SS009-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U
SS009-MW2	tert-Butylbenzene	0.20	ug/L	U	U
SS009-MW2	Tetrachloroethene	0.20	ug/L	U	U
SS009-MW2	Tetrahydrofuran	4.6	ug/L	U	U
SS009-MW2	Toluene	0.20	ug/L	U	U
SS009-MW2	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SS009-MW2	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SS009-MW2	Trichloroethene	0.20	ug/L	U	U
SS009-MW2	Trichlorofluoromethane	0.20	ug/L	U	U
SS009-MW2	Vinyl chloride	0.20	ug/L	U	U
TRIP BLANK	1,1,1,2-TETRACHLOROETHANE	0.20	ug/L	U	U
TRIP BLANK	1,1,1-Trichloroethane	0.20	ug/L	U	U
TRIP BLANK	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	UJ
TRIP BLANK	1,1,2-Trichloroethane	0.20	ug/L	U	U
TRIP BLANK	1,1-Dichloroethane	0.20	ug/L	U	U
TRIP BLANK	1,1-Dichloroethene	0.20	ug/L	U	U
TRIP BLANK	1,1-Dichloropropene	0.20	ug/L	U	U
TRIP BLANK	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
TRIP BLANK	1,2,3-Trichloropropane	0.20	ug/L	U	U
TRIP BLANK	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1,2,4-Trimethylbenzene	0.20	ug/L	U	U
TRIP BLANK	1,2-Dichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1,2-Dichloroethane	0.20	ug/L	U	U
TRIP BLANK	1,2-Dichloropropane	0.20	ug/L	U	U
TRIP BLANK	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
TRIP BLANK	1,3,5-Trimethylbenzene	0.20	ug/L	U	U
TRIP BLANK	1,3-Dichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1,3-Dichloropropane	0.25	ug/L	U	U
TRIP BLANK	1,4-Dichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1-Chlorohexane	0.20	ug/L	U	U
TRIP BLANK	2,2-Dichloropropane	0.20	ug/L	U	U
TRIP BLANK	2-Butanone	2.0	ug/L	U	U
TRIP BLANK	2-Chlorotoluene	0.20	ug/L	U	U
TRIP BLANK	2-Hexanone	5.2	ug/L	U	U
TRIP BLANK	4-Chlorotoluene	0.20	ug/L	U	U
TRIP BLANK	4-Methyl-2-pentanone	2.8	ug/L	U	U
TRIP BLANK	Acetone	5.2	ug/L	UQ	R
TRIP BLANK	Benzene	0.20	ug/L	U	U
TRIP BLANK	Bromobenzene	0.22	ug/L	U	U

TRIP BLANK	Bromochloromethane	0.20	ug/L	U	U
TRIP BLANK	Bromodichloromethane	0.20	ug/L	U	U
TRIP BLANK	Bromoform	0.20	ug/L	U	UJ
TRIP BLANK	Bromomethane	0.25	ug/L	U	UJ
TRIP BLANK	Carbon disulfide	0.31	ug/L	U	U
TRIP BLANK	Carbon tetrachloride	0.20	ug/L	U	U
TRIP BLANK	Chlorobenzene	0.20	ug/L	U	U
TRIP BLANK	Chloroethane	0.23	ug/L	U	U
TRIP BLANK	Chloroform	0.20	ug/L	U	U
TRIP BLANK	Chloromethane	0.55	ug/L	B	U
TRIP BLANK	cis-1,2-Dichloroethene	0.20	ug/L	U	U
TRIP BLANK	cis-1,3-Dichloropropene	0.20	ug/L	U	U
TRIP BLANK	Dibromochloromethane	0.20	ug/L	U	U
TRIP BLANK	Dibromomethane	0.21	ug/L	U	U
TRIP BLANK	Dichlorodifluoromethane	0.20	ug/L	U	U
TRIP BLANK	Diisopropyl ether	0.20	ug/L	U	U
TRIP BLANK	Ethyl ether	0.99	ug/L	U	UJ
TRIP BLANK	Ethylbenzene	0.20	ug/L	U	U
TRIP BLANK	Hexachlorobutadiene	0.20	ug/L	U	U
TRIP BLANK	Isopropylbenzene	0.20	ug/L	U	U
TRIP BLANK	m,p-Xylenes	0.26	ug/L	U	U
TRIP BLANK	Methyl tert-butyl ether	0.26	ug/L	U	U
TRIP BLANK	Methylene chloride	0.59	ug/L	U	UJ
TRIP BLANK	Naphthalene	0.20	ug/L	U	U
TRIP BLANK	n-Butylbenzene	0.20	ug/L	U	U
TRIP BLANK	n-Propylbenzene	0.20	ug/L	U	U
TRIP BLANK	o-Xylene	0.20	ug/L	U	U
TRIP BLANK	p-Isopropyltoluene	0.20	ug/L	U	U
TRIP BLANK	sec-Butylbenzene	0.20	ug/L	U	U
TRIP BLANK	Styrene	0.20	ug/L	U	U
TRIP BLANK	Tert-amyl methyl ether	1.0	ug/L	U	U
TRIP BLANK	TERT-BUTYL ALCOHOL	20	ug/L	U	U
TRIP BLANK	Tert-butyl ethyl ether	1.0	ug/L	U	U
TRIP BLANK	tert-Butylbenzene	0.20	ug/L	U	U
TRIP BLANK	Tetrachloroethene	0.20	ug/L	U	U
TRIP BLANK	Tetrahydrofuran	4.6	ug/L	U	U
TRIP BLANK	Toluene	0.20	ug/L	U	U
TRIP BLANK	trans-1,2-Dichloroethene	0.21	ug/L	U	U
TRIP BLANK	trans-1,3-Dichloropropene	0.20	ug/L	U	U
TRIP BLANK	Trichloroethene	0.20	ug/L	U	U
TRIP BLANK	Trichlorofluoromethane	0.20	ug/L	U	U
TRIP BLANK	Vinyl chloride	0.20	ug/L	U	U
DUP 3	1,4-DIOXANE	1.0	ug/L	U	U
PW-1	1,4-DIOXANE	1.0	ug/L	U	U
PW-2	1,4-DIOXANE	1.0	ug/L	U	U
PW-3	1,4-DIOXANE	1.0	ug/L	U	U
RB1-PUMP	1,4-DIOXANE	1.0	ug/L	U	U
SIS18-MW2	1,4-DIOXANE	1.0	ug/L	U	U
SIS18PZ2	1,4-DIOXANE	2.0	ug/L	U	U
SIS18PZ3	1,4-DIOXANE	2.0	ug/L	U	U
SS008-MW1	1,4-DIOXANE	1.0	ug/L	U	U
SS008-MW2	1,4-DIOXANE	1.0	ug/L	U	U

SS009-MW2	1,4-DIOXANE	1.0	ug/L	U	U
TRIP BLANK	1,4-DIOXANE	1.0	ug/L	U	U
SIS18PZ2	Isopropylbenzene	6.7	ug/L	U	U
SIS18PZ3	Isopropylbenzene	20	ug/L	U	U
LF003 MW-1	Vinyl chloride	2.0	ug/L	U	U
LF003 MW-1	cis-1,3-Dichloropropene	2.0	ug/L	U	U
LF003 MW-1	trans-1,3-Dichloropropene	2.0	ug/L	U	U
LF003 MW-1	1,1,2,2-Tetrachloroethane	2.0	ug/L	U	U
LF003 MW-1	tert-Butylbenzene	2.0	ug/L	U	U
LF003 MW-1	Chloroform	2.0	ug/L	U	U
LF003 MW-1	Carbon tetrachloride	2.0	ug/L	U	U
LF003 MW-1	Styrene	2.0	ug/L	U	UJ
LF003 MW-1	Ethylbenzene	2.0	ug/L	U	U
LF003 MW-1	Dibromochloromethane	2.0	ug/L	U	U
LF003 MW-1	1,3-Dichlorobenzene	2.0	ug/L	U	U
LF003 MW-1	Bromochloromethane	2.0	ug/L	U	U
LF003 MW-1	Dichlorodifluoromethane	2.0	ug/L	U	U
LF003 MW-1	1,2,3-Trichloropropane	2.0	ug/L	U	U
LF003 MW-1	1,2-Dichloroethane	2.0	ug/L	U	U
LF003 MW-1	2,2-Dichloropropane	2.0	ug/L	U	U
LF003 MW-1	Bromodichloromethane	2.0	ug/L	U	U
LF003 MW-1	1-Chlorohexane	2.0	ug/L	U	U
LF003 MW-1	1,4-Dichlorobenzene	2.0	ug/L	U	U
LF003 MW-1	Bromoform	2.0	ug/L	U	U
LF003 MW-1	1,1-Dichloropropene	2.0	ug/L	U	U
LF003 MW-1	2-Chlorotoluene	2.0	ug/L	U	U
LF003 MW-1	Chlorobenzene	2.0	ug/L	U	U
LF003 MW-1	4-Chlorotoluene	2.0	ug/L	U	U
LF003 MW-1	1,1-Dichloroethene	2.0	ug/L	U	U
LF003 MW-1	Tetrachloroethene	2.0	ug/L	U	U
LF003 MW-1	Trichloroethene	2.0	ug/L	U	U
LF003 MW-1	1,1,1-Trichloroethane	2.0	ug/L	U	U
LF003 MW-1	1,2-Dichlorobenzene	2.0	ug/L	U	U
LF003 MW-1	1,2-Dichloropropane	2.0	ug/L	U	U
LF003 MW-1	Benzene	2.0	ug/L	U	U
LF003 MW-1	cis-1,2-Dichloroethene	2.0	ug/L	U	U
LF003 MW-1	Chloromethane	2.0	ug/L	U	U
LF003 MW-1	Hexachlorobutadiene	2.0	ug/L	U	U
LF003 MW-1	1,1,1,2-Tetrachloroethane	2.0	ug/L	U	U
LF003 MW-1	Diisopropyl ether	2.0	ug/L	U	U
LF003 MW-1	1,1-Dichloroethane	2.0	ug/L	U	U
LF003 MW-1	1,2,4-Trichlorobenzene	2.0	ug/L	U	U
LF003 MW-1	Toluene	2.0	ug/L	U	U
LF003 MW-1	1,1,2-Trichloroethane	2.0	ug/L	U	U
LF003 MW-1	Trichlorofluoromethane	2.0	ug/L	U	U
LF003 MW-1	Dibromomethane	2.1	ug/L	U	U
LF003 MW-1	trans-1,2-Dichloroethene	2.1	ug/L	U	U
LF003 MW-1	1,2,3-Trichlorobenzene	2.2	ug/L	U	U
LF003 MW-1	Bromobenzene	2.2	ug/L	U	U
LF003 MW-1	Chloroethane	2.3	ug/L	U	U
LF003 MW-1	1,3-Dichloropropane	2.5	ug/L	U	U
LF003 MW-1	Bromomethane	2.5	ug/L	U	U

LF003 MW-1	Methyl tert-butyl ether	2.6	ug/L	U	U
LF003 MW-1	Carbon disulfide	3.1	ug/L	U	U
LF003 MW-1	Methylene chloride	5.9	ug/L	U	U
LF003 MW-1	Tetrahydrofuran	46	ug/L	U	U
LF003 MW-1	Acetone	52	ug/L	U	UJ
LF003 MW-1	2-Hexanone	52	ug/L	U	U
LF003 MW-1	2-Butanone	20	ug/L	U	U
LF003 MW-1	4-Methyl-2-pentanone	28	ug/L	U	U
LF003 MW-1	Isopropylbenzene	10	ug/L		
LF003 MW-1	o-Xylene	13	ug/L		
LF003 MW-1	m,p-Xylenes	15	ug/L		
LF003 MW-1	1,2,4-Trimethylbenzene	160	ug/L		J
LF003 MW-1	p-Isopropyltoluene	3.2	ug/L		
LF003 MW-1	n-Butylbenzene	39	ug/L		
LF003 MW-1	n-Propylbenzene	42	ug/L		
LF003 MW-1	1,3,5-Trimethylbenzene	60	ug/L		J
LF003 MW-1	sec-Butylbenzene	9.4	ug/L		
LF003 MW-1	Naphthalene	9.9	ug/L		
LF003 MW-1	Tert-butyl ethyl ether	1.0	ug/L	U	U
LF003 MW-1	Tert-amyl methyl ether	1.0	ug/L	U	U
LF003 MW-1	Ethyl ether	0.99	ug/L	U	U
LF003 MW-1	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
LF003 MW-1	Tert-butyl alcohol	20	ug/L	U	U
LF003 MW-1	1,2-Dibromoethane	0.090	ug/L	U	U
LF003 MW-1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
LF003 MW-2	Vinyl chloride	0.20	ug/L	U	U
LF003 MW-2	cis-1,3-Dichloropropene	0.20	ug/L	U	U
LF003 MW-2	trans-1,3-Dichloropropene	0.20	ug/L	U	U
LF003 MW-2	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	U
LF003 MW-2	sec-Butylbenzene	0.20	ug/L	U	U
LF003 MW-2	tert-Butylbenzene	0.20	ug/L	U	U
LF003 MW-2	Chloroform	0.20	ug/L	U	U
LF003 MW-2	n-Butylbenzene	0.20	ug/L	U	U
LF003 MW-2	Carbon tetrachloride	0.20	ug/L	U	U
LF003 MW-2	n-Propylbenzene	0.20	ug/L	U	U
LF003 MW-2	Styrene	0.20	ug/L	U	UJ
LF003 MW-2	o-Xylene	0.20	ug/L	U	U
LF003 MW-2	Ethylbenzene	0.20	ug/L	U	U
LF003 MW-2	1,3,5-Trimethylbenzene	0.20	ug/L	U	UJ
LF003 MW-2	Dibromochloromethane	0.20	ug/L	U	U
LF003 MW-2	1,3-Dichlorobenzene	0.20	ug/L	U	U
LF003 MW-2	1,2,4-Trimethylbenzene	0.20	ug/L	U	UJ
LF003 MW-2	Bromochloromethane	0.20	ug/L	U	U
LF003 MW-2	Dichlorodifluoromethane	0.20	ug/L	U	U
LF003 MW-2	1,2,3-Trichloropropane	0.20	ug/L	U	U
LF003 MW-2	1,2-Dichloroethane	0.20	ug/L	U	U
LF003 MW-2	2,2-Dichloropropane	0.20	ug/L	U	U
LF003 MW-2	Bromodichloromethane	0.20	ug/L	U	U
LF003 MW-2	1-Chlorohexane	0.20	ug/L	U	U
LF003 MW-2	Isopropylbenzene	0.20	ug/L	U	U
LF003 MW-2	p-Isopropyltoluene	0.20	ug/L	U	U
LF003 MW-2	1,4-Dichlorobenzene	0.20	ug/L	U	U

LF003 MW-2	Bromoform	0.20	ug/L	U	U
LF003 MW-2	1,1-Dichloropropene	0.20	ug/L	U	U
LF003 MW-2	2-Chlorotoluene	0.20	ug/L	U	U
LF003 MW-2	Chlorobenzene	0.20	ug/L	U	U
LF003 MW-2	4-Chlorotoluene	0.20	ug/L	U	U
LF003 MW-2	1,1-Dichloroethene	0.20	ug/L	U	U
LF003 MW-2	Tetrachloroethene	0.20	ug/L	U	U
LF003 MW-2	Trichloroethene	0.20	ug/L	U	U
LF003 MW-2	1,1,1-Trichloroethane	0.20	ug/L	U	U
LF003 MW-2	1,2-Dichlorobenzene	0.20	ug/L	U	U
LF003 MW-2	1,2-Dichloropropane	0.20	ug/L	U	U
LF003 MW-2	Benzene	0.20	ug/L	U	U
LF003 MW-2	cis-1,2-Dichloroethene	0.20	ug/L	U	U
LF003 MW-2	Chloromethane	0.20	ug/L	U	U
LF003 MW-2	Hexachlorobutadiene	0.20	ug/L	U	U
LF003 MW-2	1,1,1,2-Tetrachloroethane	0.20	ug/L	U	U
LF003 MW-2	Naphthalene	0.20	ug/L	U	U
LF003 MW-2	Diisopropyl ether	0.20	ug/L	U	U
LF003 MW-2	1,1-Dichloroethane	0.20	ug/L	U	U
LF003 MW-2	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
LF003 MW-2	1,1,2-Trichloroethane	0.20	ug/L	U	U
LF003 MW-2	Trichlorofluoromethane	0.20	ug/L	U	U
LF003 MW-2	Dibromomethane	0.21	ug/L	U	U
LF003 MW-2	trans-1,2-Dichloroethene	0.21	ug/L	U	U
LF003 MW-2	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
LF003 MW-2	Bromobenzene	0.22	ug/L	U	U
LF003 MW-2	Chloroethane	0.23	ug/L	U	U
LF003 MW-2	1,3-Dichloropropane	0.25	ug/L	U	U
LF003 MW-2	Bromomethane	0.25	ug/L	U	U
LF003 MW-2	m,p-Xylenes	0.26	ug/L	U	U
LF003 MW-2	Carbon disulfide	0.31	ug/L	U	U
LF003 MW-2	Methylene chloride	0.59	ug/L	U	U
LF003 MW-2	2-Butanone	2.0	ug/L	U	U
LF003 MW-2	4-Methyl-2-pentanone	2.8	ug/L	U	U
LF003 MW-2	Tetrahydrofuran	4.6	ug/L	U	U
LF003 MW-2	Acetone	5.2	ug/L	U	UJ
LF003 MW-2	2-Hexanone	5.2	ug/L	U	U
LF003 MW-2	Toluene	0.24	ug/L		
LF003 MW-2	Methyl tert-butyl ether	5.3	ug/L		
LF003 MW-2	Tert-butyl ethyl ether	1.0	ug/L	U	U
LF003 MW-2	Tert-amyl methyl ether	1.0	ug/L	U	U
LF003 MW-2	Ethyl ether	0.99	ug/L	U	U
LF003 MW-2	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
LF003 MW-2	Tert-butyl alcohol	20	ug/L	U	U
LF003 MW-2	1,2-Dibromoethane	0.090	ug/L	U	U
LF003 MW-2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
SS008 MW-4	Vinyl chloride	0.20	ug/L	U	U
SS008 MW-4	cis-1,3-Dichloropropene	0.20	ug/L	U	U
SS008 MW-4	trans-1,3-Dichloropropene	0.20	ug/L	U	U
SS008 MW-4	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	U
SS008 MW-4	sec-Butylbenzene	0.20	ug/L	U	U
SS008 MW-4	tert-Butylbenzene	0.20	ug/L	U	U

SS008 MW-4	Chloroform	0.20	ug/L	U	U
SS008 MW-4	n-Butylbenzene	0.20	ug/L	U	U
SS008 MW-4	Carbon tetrachloride	0.20	ug/L	U	U
SS008 MW-4	n-Propylbenzene	0.20	ug/L	U	U
SS008 MW-4	Styrene	0.20	ug/L	UM	UJ
SS008 MW-4	o-Xylene	0.20	ug/L	U	U
SS008 MW-4	Ethylbenzene	0.20	ug/L	U	U
SS008 MW-4	1,3,5-Trimethylbenzene	0.20	ug/L	UM	UJ
SS008 MW-4	Dibromochloromethane	0.20	ug/L	U	U
SS008 MW-4	1,3-Dichlorobenzene	0.20	ug/L	U	U
SS008 MW-4	1,2,4-Trimethylbenzene	0.20	ug/L	UM	UJ
SS008 MW-4	Bromochloromethane	0.20	ug/L	U	U
SS008 MW-4	Dichlorodifluoromethane	0.20	ug/L	U	U
SS008 MW-4	1,2,3-Trichloropropane	0.20	ug/L	U	U
SS008 MW-4	1,2-Dichloroethane	0.20	ug/L	U	U
SS008 MW-4	2,2-Dichloropropane	0.20	ug/L	U	U
SS008 MW-4	Bromodichloromethane	0.20	ug/L	U	U
SS008 MW-4	1-Chlorohexane	0.20	ug/L	U	U
SS008 MW-4	Isopropylbenzene	0.20	ug/L	U	U
SS008 MW-4	p-Isopropyltoluene	0.20	ug/L	U	U
SS008 MW-4	1,4-Dichlorobenzene	0.20	ug/L	U	U
SS008 MW-4	Bromoform	0.20	ug/L	U	U
SS008 MW-4	1,1-Dichloropropene	0.20	ug/L	U	U
SS008 MW-4	2-Chlorotoluene	0.20	ug/L	U	U
SS008 MW-4	Chlorobenzene	0.20	ug/L	U	U
SS008 MW-4	4-Chlorotoluene	0.20	ug/L	U	U
SS008 MW-4	1,1-Dichloroethene	0.20	ug/L	U	U
SS008 MW-4	Tetrachloroethene	0.20	ug/L	U	U
SS008 MW-4	Trichloroethene	0.20	ug/L	U	U
SS008 MW-4	1,1,1-Trichloroethane	0.20	ug/L	U	U
SS008 MW-4	1,2-Dichlorobenzene	0.20	ug/L	U	U
SS008 MW-4	1,2-Dichloropropane	0.20	ug/L	U	U
SS008 MW-4	Benzene	0.20	ug/L	U	U
SS008 MW-4	cis-1,2-Dichloroethene	0.20	ug/L	U	U
SS008 MW-4	Chloromethane	0.20	ug/L	U	U
SS008 MW-4	Hexachlorobutadiene	0.20	ug/L	U	U
SS008 MW-4	1,1,1,2-Tetrachloroethane	0.20	ug/L	U	U
SS008 MW-4	Naphthalene	0.20	ug/L	U	U
SS008 MW-4	Diisopropyl ether	0.20	ug/L	U	U
SS008 MW-4	1,1-Dichloroethane	0.20	ug/L	U	U
SS008 MW-4	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
SS008 MW-4	1,1,2-Trichloroethane	0.20	ug/L	U	U
SS008 MW-4	Trichlorofluoromethane	0.20	ug/L	U	U
SS008 MW-4	Dibromomethane	0.21	ug/L	U	U
SS008 MW-4	trans-1,2-Dichloroethene	0.21	ug/L	U	U
SS008 MW-4	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
SS008 MW-4	Bromobenzene	0.22	ug/L	U	U
SS008 MW-4	Chloroethane	0.23	ug/L	U	U
SS008 MW-4	1,3-Dichloropropane	0.25	ug/L	U	U
SS008 MW-4	Bromomethane	0.25	ug/L	U	U
SS008 MW-4	Methyl tert-butyl ether	0.26	ug/L	U	U
SS008 MW-4	Carbon disulfide	0.31	ug/L	U	U

SS008 MW-4	Methylene chloride	0.59	ug/L	U	U
SS008 MW-4	2-Butanone	2.0	ug/L	U	U
SS008 MW-4	4-Methyl-2-pentanone	2.8	ug/L	U	U
SS008 MW-4	Tetrahydrofuran	4.6	ug/L	U	U
SS008 MW-4	Acetone	5.2	ug/L	UM	UJ
SS008 MW-4	2-Hexanone	5.2	ug/L	U	U
SS008 MW-4	Toluene	0.23	ug/L		
SS008 MW-4	m,p-Xylenes	0.56	ug/L		
SS008 MW-4	Tert-butyl ethyl ether	1.0	ug/L	U	U
SS008 MW-4	Tert-amyl methyl ether	1.0	ug/L	U	U
SS008 MW-4	Ethyl ether	0.99	ug/L	U	U
SS008 MW-4	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
SS008 MW-4	Tert-butyl alcohol	20	ug/L	U	U
SS008 MW-4	1,2-Dibromoethane	0.090	ug/L	U	U
SS008 MW-4	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
TRIP BLANK	Vinyl chloride	0.20	ug/L	U	U
TRIP BLANK	cis-1,3-Dichloropropene	0.20	ug/L	U	U
TRIP BLANK	trans-1,3-Dichloropropene	0.20	ug/L	U	U
TRIP BLANK	1,1,2,2-Tetrachloroethane	0.20	ug/L	U	U
TRIP BLANK	sec-Butylbenzene	0.20	ug/L	U	U
TRIP BLANK	tert-Butylbenzene	0.20	ug/L	U	U
TRIP BLANK	Chloroform	0.20	ug/L	U	U
TRIP BLANK	n-Butylbenzene	0.20	ug/L	U	U
TRIP BLANK	Carbon tetrachloride	0.20	ug/L	U	U
TRIP BLANK	n-Propylbenzene	0.20	ug/L	U	U
TRIP BLANK	Styrene	0.20	ug/L	U	UJ
TRIP BLANK	o-Xylene	0.20	ug/L	U	U
TRIP BLANK	Ethylbenzene	0.20	ug/L	U	U
TRIP BLANK	1,3,5-Trimethylbenzene	0.20	ug/L	U	UJ
TRIP BLANK	Dibromochloromethane	0.20	ug/L	U	U
TRIP BLANK	1,3-Dichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1,2,4-Trimethylbenzene	0.20	ug/L	U	UJ
TRIP BLANK	Freon 113	0.20	ug/L	U	U
TRIP BLANK	Bromochloromethane	0.20	ug/L	U	U
TRIP BLANK	Dichlorodifluoromethane	0.20	ug/L	U	U
TRIP BLANK	1,2,3-Trichloropropane	0.20	ug/L	U	U
TRIP BLANK	1,2-Dichloroethane	0.20	ug/L	U	U
TRIP BLANK	2,2-Dichloropropane	0.20	ug/L	U	U
TRIP BLANK	Bromodichloromethane	0.20	ug/L	U	U
TRIP BLANK	1-Chlorohexane	0.20	ug/L	U	U
TRIP BLANK	Isopropylbenzene	0.20	ug/L	U	U
TRIP BLANK	p-Isopropyltoluene	0.20	ug/L	U	U
TRIP BLANK	1,4-Dichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	Bromoform	0.20	ug/L	U	U
TRIP BLANK	1,1-Dichloropropene	0.20	ug/L	U	U
TRIP BLANK	2-Chlorotoluene	0.20	ug/L	U	U
TRIP BLANK	Chlorobenzene	0.20	ug/L	U	U
TRIP BLANK	4-Chlorotoluene	0.20	ug/L	U	U
TRIP BLANK	1,1-Dichloroethene	0.20	ug/L	U	U
TRIP BLANK	Tetrachloroethene	0.20	ug/L	U	U
TRIP BLANK	Trichloroethene	0.20	ug/L	U	U
TRIP BLANK	1,1,1-Trichloroethane	0.20	ug/L	U	U

TRIP BLANK	1,2-Dichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	1,2-Dichloropropane	0.20	ug/L	U	U
TRIP BLANK	Benzene	0.20	ug/L	U	U
TRIP BLANK	cis-1,2-Dichloroethene	0.20	ug/L	U	U
TRIP BLANK	Hexachlorobutadiene	0.20	ug/L	U	U
TRIP BLANK	1,1,1,2-Tetrachloroethane	0.20	ug/L	U	U
TRIP BLANK	Naphthalene	0.20	ug/L	U	U
TRIP BLANK	Diisopropyl ether	0.20	ug/L	U	U
TRIP BLANK	1,1-Dichloroethane	0.20	ug/L	U	U
TRIP BLANK	1,2,4-Trichlorobenzene	0.20	ug/L	U	U
TRIP BLANK	Toluene	0.20	ug/L	U	U
TRIP BLANK	1,1,2-Trichloroethane	0.20	ug/L	U	U
TRIP BLANK	Trichlorofluoromethane	0.20	ug/L	U	U
TRIP BLANK	Dibromomethane	0.21	ug/L	U	U
TRIP BLANK	trans-1,2-Dichloroethene	0.21	ug/L	U	U
TRIP BLANK	1,2,3-Trichlorobenzene	0.22	ug/L	U	U
TRIP BLANK	Bromobenzene	0.22	ug/L	U	U
TRIP BLANK	Chloroethane	0.23	ug/L	U	U
TRIP BLANK	1,3-Dichloropropane	0.25	ug/L	U	U
TRIP BLANK	Bromomethane	0.25	ug/L	U	U
TRIP BLANK	m,p-Xylenes	0.26	ug/L	U	U
TRIP BLANK	Methyl tert-butyl ether	0.26	ug/L	U	U
TRIP BLANK	Carbon disulfide	0.31	ug/L	U	U
TRIP BLANK	Methylene chloride	0.59	ug/L	U	U
TRIP BLANK	2-Butanone	2.0	ug/L	U	U
TRIP BLANK	4-Methyl-2-pentanone	2.8	ug/L	U	U
TRIP BLANK	Tetrahydrofuran	4.6	ug/L	U	U
TRIP BLANK	Acetone	5.2	ug/L	U	UJ
TRIP BLANK	2-Hexanone	5.2	ug/L	U	U
TRIP BLANK	Chloromethane	0.62	ug/L		
TRIP BLANK	Tert-butyl ethyl ether	1.0	ug/L	U	U
TRIP BLANK	Tert-amyl methyl ether	1.0	ug/L	U	U
TRIP BLANK	Ethyl ether	0.99	ug/L	U	U
TRIP BLANK	1,3,5-Trichlorobenzene	1.1	ug/L	U	U
TRIP BLANK	Tert-butyl alcohol	20	ug/L	U	U
TRIP BLANK	1,2-Dibromoethane	0.090	ug/L	U	U
TRIP BLANK	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U
LF003 MW-1	1,4-Dioxane	1.0	ug/L	U	U
LF003 MW-2	1,4-Dioxane	1.0	ug/L	U	U
SS008 MW-4	1,4-Dioxane	1.0	ug/L	U	U
TRIP BLANK	1,4-Dioxane	1.0	ug/L	U	U

DETECT_LIM	VALIDVALUE	AMATRIX
1	89.5	SB
10	33	SB
10	35	SB
11	38	SB
13	46	SB
16	52	SB
3.3	33	SB
6.7	33	SB
1	88.6	SB
10	34	SB
10	35	SB
11	38	SB
14	46	SB
16	53	SB
6.8	34	SB
3.4	270	SB
1	91.0	SB
11	37	SB
13	45	SB
15	52	SB
3.3	33	SB
6.6	33	SB
9.9	33	SB
9.9	34	SB
1	94.2	SS
NA	1.1	SS
11	53	SS
11	53	SS
11	53	SS
11	53	SS
12	53	SS
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140	530	SS
15	53	SS
150	530	SS
16	51	SS

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23	78	SS
230	780	SS
25	85	SS
26	85	SS
26	89	SS
32	120	SS
5.3	53	SS
5.3	53	SS
6.4	53	SS
6.4	53	SS
6.4	53	SS
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7.4	53	SS
7.4	53	SS
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7.4	53	SS
7.4	53	SS
7.4	53	SS
7.4	53	SS
8.5	53	SS
8.5	53	SS
8.5	53	SS
8.5	53	SS
85	530	SS
9.5	53	SS
9.5	53	SS
9.5	53	SS
9.5	53	SS
9.5	53	SS
9.5	53	SS
9.5	53	SS
9.5	53	SS
9.5	53	SS
9.5	53	SS
95	530	SS
420	1400	SB
1	95.6	SB
10	33	SB
10	35	SB
10	36	SB

110	360	SB
110	370	SB
110	370	SB
110	370	SB
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68	230	SB
73	520	SB
74	520	SB
79	270	SB

8.4	29	SB
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82	280	SB
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9.4	31	SB
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97	340	SB
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42	53	SB
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150	560	SB
1500	5000	SB
160	520	SB
160	560	SB
160	560	SB
160	560	SB
1600	5600	SB
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190	660	SB
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200	720	SB
200	720	SB
330	1100	SB
360	2500	SB
360	2500	SB
390	1300	SB
390	1300	SB
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41	510	SB
46	510	SB
46	510	SB
460	1600	SB
470	1600	SB
51	510	SB
51	510	SB
51	510	SB
520	1700	SB
530	1800	SB

540	1800	SB
540	1800	SB
56	510	SB
56	510	SB
56	510	SB
56	510	SB
56	510	SB
600	2000	SB
61	510	SB
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66	510	SB
66	510	SB
72	510	SB
77	510	SB
77	510	SB
82	510	SB
87	510	SB
87	290	SB
97	510	SB
97	510	SB
56	86	SB
56	98	SB
1	91.4	SB
100	350	SB
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11	36	SB
11	37	SB
110	370	SB
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230	770	SB
25	82	SB
26	86	SB
28	94	SB

29	98	SB
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300	1000	SB
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350	1200	SB
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70	240	SB
76	540	SB
77	540	SB
82	280	SB
83	280	SB
84	290	SB
9.7	32	SB
98	340	SB
12	130	SB
12	130	SB
23	170	SB
12	18	SB
23	43	SB
8.6	50	SB
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43	60	SB
12	62	SB
28	66	SB
9.7	67	SB
21	78	SB
13	97	SB
1	93.4	SB
100	340	SB
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110	370	SB
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12	40	SB
12	41	SB
12	41	SB
13	43	SB
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400	1300	SB
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0.14	0.47	GW
0.096	0.32	GW

0.12	0.39	GW
0.076	0.30	GW
0.12	0.38	GW
0.12	0.39	GW
0.072	0.31	GW
0.14	0.48	GW
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0.12	0.40	GW
0.078	0.31	GW
0.12	0.39	GW
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6.7	33	SB
9.9	34	SB
13	45	SB
15	52	SB
11	37	SB
9.9	33	SB
3.3	33	SB
6.6	33	SB
10	36	SB
14	47	SB
16	54	SB
12	39	SB
10	35	SB
3.5	35	SB
6.9	35	SB
10	35	SB
14	46	SB
16	53	SB
11	38	SB
10	34	SB
3.4	34	SB
6.8	34	SB

9.7	34	SB
13	44	SB
15	51	SB
11	37	SB
9.7	32	SB
3.2	32	SB
6.5	32	SB
10	34	SB
13	46	SB
16	52	SB
11	38	SB
10	33	SB
3.3	33	SB
6.7	33	SB
10	35	SB
14	46	SB
16	53	SB
11	38	SB
10	34	SB
3.4	34	SB
6.8	34	SB
10	34	SB
13	46	SB
16	52	SB
11	38	SB
10	33	SB
3.3	33	SB
6.7	33	SB
10	35	SB
13	46	SB
16	52	SB
11	38	SB
10	33	SB
3.3	33	SB
6.7	33	SB
10	35	SB
13	46	SB
16	53	SB
11	38	SB
10	34	SB
3.4	34	SB
6.7	34	SB
54	190	SS
72	250	SS
84	280	SS
60	200	SS
54	180	SS
18	180	SS
36	180	SS
28	97	SS
38	130	SS
44	150	SS

31	110	SS
28	94	SS
9.4	94	SS
19	94	SS
41	140	SS
55	190	SS
64	210	SS
46	160	SS
41	140	SS
14	140	SS
27	140	SS
36	120	SS
48	160	SS
56	190	SS
40	140	SS
36	120	SS
12	120	SS
24	120	SS
13	45	SS
17	59	SS
20	68	SS
14	49	SS
13	43	SS
4.3	93	SS
8.6	43	SS
17	59	SS
23	78	SS
27	90	SS
19	65	SS
17	57	SS
5.7	480	SS
11	57	SS
12	40	SS
15	53	SS
18	60	SS
13	44	SS
12	38	SS
3.8	390	SS
7.7	38	SS
13	46	SS
18	61	SS
21	70	SS
15	50	SS
13	44	SS
4.4	510	SS
8.9	44	SS
19	66	SS
26	88	SS
30	100	SS
21	73	SS
19	64	SS
6.4	450	SS

13	64	SS
13	43	SS
17	57	SS
20	66	SS
14	48	SS
13	42	SS
4.2	280	SS
8.4	42	SS
3000	55000	SS
2300	86000	SS
2000	180000	SS
1600	170000	SS
1.9	1.9	GW
0.087	780	SS
0.11	2170	SS
0.077	230	SS
0.089	351	SS
0.13	1090	SS
0.085	343	SS
1.9	1.9	GW
1.9	1.9	GW
1.9	1.9	GW
1.9	3.0	GW
1.9	1.9	GW
1.9	1.9	GW
1.9	1.9	GW
1.9	1.9	GW
1.9	2.1	GW
1.9	1.9	GW
0.040	0.040	GW
0.007	0.053	SS
0.007	0.091	SS
0.008	0.11	SS
0.012	0.14	SS
0.0020	0.026	SS
0.013	0.10	SS
0.005	0.26	SS
0.005	0.25	SS
0.004	0.082	SS
0.0010	0.27	SS
0.011	1.3	SS
0.0010	0.32	SS
0.0010	0.47	SS
0.0020	0.82	SS
0.0010	0.28	SS
1	92.5	SB
1	88.9	SB
1	89.8	SB
1	90.8	SB
1	87.1	SB
1	87.7	SB
1	92.4	SB

1	89.3	SB
1	91.6	SB
1	90.4	SB
1	89.4	SB
1	88.8	SB
1	16.6	SS
1	31.7	SS
1	15.4	SS
1	14.2	SS
1	10.3	SS
1	50.8	SS
1	9.3	SS
1	21.9	SS
1	22.8	SS
1	25.2	SS
1	30.7	SS
1	69.2	SS
1	52.3	SS
1	77.9	SS
1	67.6	SS
1	46.4	SS
1	71	SS
0.030	0.090	GW
0.030	0.090	GW
0.030	0.090	GW
0.030	0.090	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW

1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.32	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.90	16	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	6.6	GW
0.060	1.3	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW

0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.25	GW
0.050	0.45	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.90	16	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6	20	GW
0.11	1.0	GW
0.021	0.20	GW

0.050	0.20	GW
1.4	7.5	GW
0.060	1.3	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.070	1.0	GW
0.080	1.0	GW
0.080	1.0	GW
0.080	1.0	GW
0.79	2.7	GW
0.86	2.9	GW
0.61	2.0	GW
1.2	4.0	GW
1.5	5.1	GW
0.19	1.0	GW
0.12	1.0	GW
0.10	1.0	GW
0.68	2.3	GW
0.93	5.0	GW
0.12	1.0	GW
0.87	2.9	GW
0.11	1.0	GW
0.60	2.0	GW
3	9.9	GW
0.21	1.0	GW
0.15	1.0	GW
1.1	3.7	GW
0.17	1.0	GW
0.080	1.0	GW
0.67	2.2	GW
0.46	1.5	GW
0.62	5.0	GW
0.10	1.0	GW
0.12	1.0	GW
0.090	1.0	GW
0.080	1.0	GW
0.070	1.0	GW
0.10	1.0	GW
0.10	1.0	GW
0.090	1.0	GW
11	38	GW
0.31	1.0	GW
0.090	1.0	GW
0.20	1.0	GW
0.090	1.0	GW
0.61	2.3	GW
0.11	1.0	GW
0.080	1.0	GW
0.14	1.0	GW

0.080	1.0	GW
0.17	0.26	GW
0.090	1.0	GW
0.75	1.0	GW
0.16	1.0	GW
0.090	1.0	GW
0.15	1.0	GW
0.22	1.0	GW
0.30	1.0	GW
0.070	1.0	GW
0.090	1.0	GW
0.11	1.0	GW
0.070	0.23	GW
0.15	1.0	GW
0.18	1.0	GW
0.19	2.0	GW
0.89	5.0	GW
0.080	1.0	GW
0.31	0.39	GW
0.10	1.0	GW
0.072	1.0	GW
0.082	1.0	GW
0.082	1.0	GW
0.082	1.0	GW
0.81	2.7	GW
0.89	2.9	GW
0.63	2.1	GW
1.2	4.1	GW
1.6	5.2	GW
0.20	1.0	GW
0.12	1.0	GW
0.10	1.0	GW
0.70	2.3	GW
0.96	5.2	GW
0.12	1.0	GW
0.90	3.0	GW
0.11	1.0	GW
0.62	2.1	GW
3.1	10	GW
0.22	1.0	GW
0.15	1.0	GW
1.1	3.8	GW
0.18	1.0	GW
0.082	1.0	GW
0.69	2.3	GW
0.47	1.6	GW
0.64	5.2	GW
0.10	1.0	GW
0.12	1.0	GW
0.093	1.0	GW
0.082	1.0	GW
0.072	1.0	GW

0.10	1.0	GW
0.10	1.0	GW
0.093	1.0	GW
12	39	GW
0.32	1.1	GW
0.093	1.0	GW
0.21	1.0	GW
0.093	1.0	GW
0.63	0.69	GW
0.11	1.0	GW
0.082	1.0	GW
0.14	1.0	GW
0.082	1.0	GW
0.18	0.26	GW
0.093	0.19	GW
0.77	0.98	GW
0.16	1.0	GW
0.093	1.0	GW
0.15	1.0	GW
0.23	1.0	GW
0.31	1.0	GW
0.072	1.0	GW
0.093	1.0	GW
0.11	1.0	GW
0.072	0.26	GW
0.15	1.0	GW
0.19	1.0	GW
0.20	2.1	GW
0.92	5.2	GW
0.082	1.0	GW
0.32	0.47	GW
0.10	1.0	GW
NA	1.0	RB
NA	1.0	RB
0.08	0.26	GW
0.08	0.26	GW
0.3	0.99	GW
0.3	0.99	GW
0.030	0.090	GW
0.030	0.090	GW
0.030	0.090	GW
0.030	0.090	GW
0.030	0.090	GW
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0.030	0.090	GW
0.030	0.090	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.20	GW
0.050	0.20	GW

0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	15.0	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.21	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW

0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.26	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	4.3	GW
0.013	0.20	GW
0.50	2.0	GW
0.50	2.0	GW

0.19	2.0	GW
0.60	2.0	GW
0.60	2.0	GW
0.50	2.0	GW
0.40	2.0	GW
0.70	2.2	GW
0.30	2.0	GW
0.60	2.0	GW
0.27	73.0	GW
0.50	2.0	GW
0.30	2.0	GW
0.50	2.0	GW
0.30	1.1	GW
0.24	22.0	GW
0.27	2.0	GW
0.70	2.5	GW
0.40	2.0	GW
0.40	2.0	GW
0.30	2.0	GW
6.0	20	GW
0.40	2.0	GW
16	52	GW
0.50	2.0	GW
8.0	28	GW
15	52	GW
0.50	2.0	GW
0.70	2.2	GW
0.28	2.0	GW
0.30	2.0	GW
0.40	2.0	GW
0.70	2.5	GW
0.90	3.1	GW
0.22	2.0	GW
0.40	2.0	GW
0.70	2.3	GW
0.22	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.17	2.0	GW
0.26	2.0	GW
0.60	2.1	GW
0.30	2.0	GW
0.60	2.0	GW
0.30	0.99	GW
0.24	2.0	GW
0.50	2.0	GW
0.40	7.7	GW
0.80	7.5	GW
0.80	2.6	GW
1.8	9.1	GW
0.50	6.8	GW
0.22	27.0	GW

0.22	32.0	GW
0.23	9.0	GW
0.40	1.8	GW
0.19	7.3	GW
0.22	2.0	GW
0.14	1.0	GW
6.0	20	GW
NA		GW
0.11	1.0	GW
0.21	2.0	GW
0.50	2.0	GW
14	46	GW
0.60	2.0	GW
0.60	2.1	GW
0.17	2.0	GW
0.50	2.0	GW
0.60	2.0	GW
0.13	2.0	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW

0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.92	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	15.0	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	6.7	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.23	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
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0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW

0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.33	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.76	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.57	GW
0.060	0.21	GW

0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.32	GW
0.050	0.20	GW

0.040	0.20	GW
0.080	1.0	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.69	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.51	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW

0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.61	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
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0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.43	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.46	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW

0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.31	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW

0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.20	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.77	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW

0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.20	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW

0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.80	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
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6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.20	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	4.2	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
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0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.66	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW

0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
NA		GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.38	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
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1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
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0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
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0.022	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.20	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW

0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
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0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.39	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
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0.040	0.20	GW
0.080	0.79	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.40	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW

0.013	0.20	GW
0.050	0.20	TB
0.050	0.20	TB
0.019	0.20	TB
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0.070	0.22	TB
0.030	0.20	TB
0.060	0.20	TB
0.027	0.20	TB
0.050	0.20	TB
0.030	0.20	TB
0.050	0.20	TB
0.30	1.1	TB
0.024	0.20	TB
0.027	0.20	TB
0.070	0.25	TB
0.040	0.20	TB
0.040	0.20	TB
0.030	0.20	TB
0.60	2.0	TB
0.040	0.20	TB
1.6	5.2	TB
0.050	0.20	TB
0.80	2.8	TB
1.5	5.2	TB
0.050	0.20	TB
0.070	0.22	TB
0.028	0.20	TB
0.030	0.20	TB
0.040	0.20	TB
0.070	0.25	TB
0.090	0.31	TB
0.022	0.20	TB
0.040	0.20	TB
0.070	0.23	TB
0.022	0.20	TB
0.050	0.50	TB
0.050	0.20	TB
0.017	0.20	TB
0.026	0.20	TB
0.060	0.21	TB
0.030	0.20	TB
0.060	0.20	TB
0.30	0.99	TB
0.024	0.20	TB
0.050	0.20	TB
0.040	0.20	TB
0.080	0.26	TB
0.080	0.26	TB

0.18	0.59	TB
0.050	0.20	TB
0.022	0.20	TB
0.022	0.20	TB
0.023	0.20	TB
0.040	0.20	TB
0.019	0.20	TB
0.022	0.20	TB
0.14	1.0	TB
6.0	20	TB
0.11	1.0	TB
0.021	0.20	TB
0.050	0.20	TB
1.4	4.6	TB
0.060	0.50	TB
0.060	0.21	TB
0.017	0.20	TB
0.050	0.20	TB
0.060	0.20	TB
0.013	0.20	TB
1.0	1.0	GW
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1.0	1.0	GW
1.0	1.0	GW
1.0	1.0	GW
1.0	1.0	GW
1.0	22.8	GW
1.0	1.0	GW
1.0	1.0	GW
0.030	0.090	GW
0.030	0.090	GW
0.030	0.090	GW
0.030	0.090	GW
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0.030	0.090	GW
0.030	0.090	TB
0.030	0.090	TB
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW

0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.20	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
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0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW

0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.59	GW
0.050	0.20	GW
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0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
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0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
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0.022	0.20	GW
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0.11	1.0	GW
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0.060	0.21	GW
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0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW

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0.030	0.20	GW
0.050	0.20	GW
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0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
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0.80	2.8	GW
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0.070	0.22	GW
0.028	0.20	GW
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0.070	0.25	GW
0.090	0.31	GW
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0.040	0.20	GW
0.070	0.23	GW
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0.050	0.20	GW
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0.060	0.21	GW
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0.060	0.20	GW
0.30	0.99	GW
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0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
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0.022	0.20	GW
0.023	0.20	GW
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0.11	1.0	GW
0.021	0.20	GW
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0.060	0.21	GW
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0.070	0.22	GW
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0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
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0.070	0.25	GW
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0.040	0.20	GW
0.030	0.20	GW
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0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
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0.070	0.23	GW
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0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW

0.060	0.21	GW
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0.060	0.20	GW
0.30	0.99	GW
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0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
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0.023	0.20	GW
0.040	0.20	GW
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6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
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0.060	0.20	GW
0.060	0.21	GW
0.017	0.20	GW
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0.013	0.20	GW
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0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW

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0.090	0.31	GW
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0.017	0.20	GW
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0.060	0.20	GW
0.30	0.99	GW
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0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	4.0	GW
0.18	0.59	GW
0.050	0.20	GW
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0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
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6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.86	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
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0.013	0.20	GW
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0.024	0.20	GW
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0.030	0.20	GW
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0.040	0.20	GW
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0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
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0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.40	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
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0.030	0.20	GW
0.060	0.20	GW
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0.040	0.20	GW
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0.080	0.26	GW
0.18	0.59	GW
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0.040	0.20	GW
0.019	0.20	GW
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6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
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1.4	4.6	GW
0.060	0.20	GW
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0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
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0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
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0.022	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.017	0.20	GW
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0.060	0.21	GW
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0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
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0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.20	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
6.0	20	GW
6.0	20	GW
1.4	4.6	GW
5.0	16	GW
4.0	14	GW
4.0	13	GW
5.0	18	GW
5.0	17	GW
3.0	11	GW
4.0	15	GW
2.4	8.1	GW
4.0	14	GW
3.0	11	GW
2.1	7.1	GW
3.0	11	GW
1.9	6.3	GW
4.0	12	GW
1.9	6.5	GW

5.0	16	GW
5.0	16	GW
3.0	11	GW
40	140	GW
3.0	11	GW
40	130	GW
3.0	10	GW
30	100	GW
70	95	GW
1.6	5.5	GW
3.0	11	GW
2.1	7.2	GW
1.9	6.4	GW
5.0	15	GW
4.0	13	GW
5.0	20	GW
4.0	13	GW
3.0	11	GW
4.0	13	GW
2.2	7.2	GW
3.0	10	GW
4.0	12	GW
1.4	4.7	GW
2.3	7.6	GW
4.0	15	GW
4.0	15	GW
5.0	17	GW
3.0	9.9	GW
2.8	9.4	GW
5.0	5.0	GW
5.0	20	GW
2.3	7.6	GW
5.0	15	GW
6.0	18	GW
2.4	7.9	GW
2.0	6.8	GW
5.0	16	GW
1.7	5.6	GW
2.9	9.8	GW
3.0	10	GW
1.4	4.5	GW
60	200	GW
1.1	3.8	GW
2.3	7.6	GW
4.0	13	GW
40	120	GW
2.0	6.8	GW
5.0	18	GW
1.4	4.5	GW
1.5	4.8	GW
4.0	14	GW
1.5	4.9	GW

12	40	GW
12	40	GW
2.8	9.2	GW
10	32	GW
8.0	28	GW
8.0	26	GW
10	36	GW
10	34	GW
6.0	22	GW
8.0	30	GW
4.8	20	GW
8.0	28	GW
6.0	22	GW
4.2	20	GW
6.0	22	GW
3.8	20	GW
8.0	24	GW
3.8	20	GW
10	32	GW
10	32	GW
6.0	22	GW
80	280	GW
6.0	22	GW
80	360	GW
6.0	20	GW
60	300	GW
140	440	GW
3.2	20	GW
6.0	22	GW
4.2	20	GW
3.8	20	GW
10	30	GW
8.0	26	GW
10	40	GW
8.0	26	GW
6.0	22	GW
8.0	26	GW
4.4	20	GW
6.0	20	GW
8.0	24	GW
2.8	9.4	GW
4.6	20	GW
8.0	30	GW
8.0	30	GW
10	34	GW
6.0	6.0	GW
5.6	20	GW
10	30	GW
10	40	GW
4.6	20	GW
10	30	GW
12	36	GW

4.8	20	GW
4.0	20	GW
10	32	GW
3.4	20	GW
5.8	20	GW
6.0	20	GW
2.8	9.0	GW
120	400	GW
2.2	7.6	GW
4.6	20	GW
8.0	26	GW
80	240	GW
4.0	20	GW
10	36	GW
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3.0	9.6	GW
8.0	28	GW
3.0	9.8	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
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0.80	2.8	GW
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0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW
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0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
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0.019	0.20	GW
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0.11	1.0	GW
0.021	0.20	GW
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0.024	0.20	GW
0.027	0.20	GW
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0.030	0.20	GW
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0.040	0.20	GW
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0.050	0.20	GW
0.80	2.8	GW
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0.022	0.20	GW
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0.021	0.20	GW
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1.4	4.6	GW
0.060	0.20	GW
0.060	0.21	GW

0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.019	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.050	0.20	GW
0.040	0.20	GW
0.070	0.22	GW
0.030	0.20	GW
0.060	0.20	GW
0.027	0.20	GW
0.050	0.20	GW
0.030	0.20	GW
0.050	0.20	GW
0.30	1.1	GW
0.024	0.20	GW
0.027	0.20	GW
0.070	0.25	GW
0.040	0.20	GW
0.040	0.20	GW
0.030	0.20	GW
0.60	2.0	GW
0.040	0.20	GW
1.6	5.2	GW
0.050	0.20	GW
0.80	2.8	GW
1.5	5.2	GW
0.050	0.20	GW
0.070	0.22	GW
0.028	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
0.070	0.25	GW
0.090	0.31	GW
0.022	0.20	GW
0.040	0.20	GW
0.070	0.23	GW
0.022	0.20	GW
0.050	0.20	GW
0.050	0.20	GW
0.017	0.20	GW
0.026	0.20	GW
0.060	0.21	GW
0.030	0.20	GW
0.060	0.20	GW
0.30	0.99	GW
0.024	0.20	GW
0.050	0.20	GW

0.040	0.20	GW
0.080	0.26	GW
0.080	0.26	GW
0.18	0.59	GW
0.050	0.20	GW
0.022	0.20	GW
0.022	0.20	GW
0.023	0.20	GW
0.040	0.20	GW
0.019	0.20	GW
0.022	0.20	GW
0.14	1.0	GW
6.0	20	GW
0.11	1.0	GW
0.021	0.20	GW
0.050	0.20	GW
1.4	4.6	GW
0.060	0.20	GW
0.060	0.21	GW
0.017	0.20	GW
0.050	0.20	GW
0.060	0.20	GW
0.013	0.20	GW
0.050	0.20	TB
0.050	0.20	TB
0.019	0.20	TB
0.060	0.20	TB
0.060	0.20	TB
0.050	0.20	TB
0.040	0.20	TB
0.070	0.22	TB
0.030	0.20	TB
0.060	0.20	TB
0.027	0.20	TB
0.050	0.20	TB
0.030	0.20	TB
0.050	0.20	TB
0.30	1.1	TB
0.024	0.20	TB
0.027	0.20	TB
0.070	0.25	TB
0.040	0.20	TB
0.040	0.20	TB
0.030	0.20	TB
0.60	2.0	TB
0.040	0.20	TB
1.6	5.2	TB
0.050	0.20	TB
0.80	2.8	TB
1.5	5.2	TB
0.050	0.20	TB
0.070	0.22	TB

0.028	0.20	TB
0.030	0.20	TB
0.040	0.20	TB
0.070	0.25	TB
0.090	0.31	TB
0.022	0.20	TB
0.040	0.20	TB
0.070	0.23	TB
0.022	0.20	TB
0.050	0.55	TB
0.050	0.20	TB
0.017	0.20	TB
0.026	0.20	TB
0.060	0.21	TB
0.030	0.20	TB
0.060	0.20	TB
0.30	0.99	TB
0.024	0.20	TB
0.050	0.20	TB
0.040	0.20	TB
0.080	0.26	TB
0.080	0.26	TB
0.18	0.59	TB
0.050	0.20	TB
0.022	0.20	TB
0.022	0.20	TB
0.023	0.20	TB
0.040	0.20	TB
0.019	0.20	TB
0.022	0.20	TB
0.14	1.0	TB
6.0	20	TB
0.11	1.0	TB
0.021	0.20	TB
0.050	0.20	TB
1.4	4.6	TB
0.060	0.20	TB
0.060	0.21	TB
0.017	0.20	TB
0.050	0.20	TB
0.060	0.20	TB
0.013	0.20	TB
NA	1.0	GW
NA	1.0	GW
NA	1.0	GW
NA	1.0	GW
NA	1.0	GW
NA	1.0	GW
NA	2.0	GW
NA	2.0	GW
NA	1.0	GW
NA	1.0	GW

NA	1.0	GW
NA	1.0	TB
2	6.7	GW
4	20	GW
0.13	2.0	GW
0.17	2.0	GW
0.17	2.0	GW
0.19	2.0	GW
0.21	2.0	GW
0.22	2.0	GW
0.22	2.0	GW
0.22	2.0	GW
0.24	2.0	GW
0.26	2.0	GW
0.27	2.0	GW
0.28	2.0	GW
0.30	2.0	GW
0.30	2.0	GW
0.30	2.0	GW
0.30	2.0	GW
0.30	2.0	GW
0.40	2.0	GW
0.40	2.0	GW
0.40	2.0	GW
0.40	2.0	GW
0.40	2.0	GW
0.40	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.50	2.0	GW
0.60	2.0	GW
0.60	2.0	GW
0.60	2.0	GW
0.60	2.0	GW
0.60	2.0	GW
0.60	2.0	GW
0.60	2.1	GW
0.60	2.1	GW
0.70	2.2	GW
0.70	2.2	GW
0.70	2.3	GW
0.70	2.5	GW
0.70	2.5	GW

0.80	2.6	GW
0.90	3.1	GW
1.8	5.9	GW
14	46	GW
15	52	GW
16	52	GW
6.0	20	GW
8.0	28	GW
0.40	10	GW
0.23	13	GW
0.80	15	GW
0.27	160	GW
0.40	3.2	GW
0.22	39	GW
0.22	42	GW
0.24	60	GW
0.19	9.4	GW
0.50	9.9	GW
0.11	1.0	GW
0.14	1.0	GW
0.30	0.99	GW
0.30	1.1	GW
6.0	20	GW
0.030	0.090	GW
0.030	0.090	GW
0.013	0.20	GW
0.017	0.20	GW
0.017	0.20	GW
0.019	0.20	GW
0.019	0.20	GW
0.021	0.20	GW
0.022	0.20	GW
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0.023	0.20	GW
0.024	0.20	GW
0.024	0.20	GW
0.026	0.20	GW
0.027	0.20	GW
0.027	0.20	GW
0.028	0.20	GW
0.030	0.20	GW
0.030	0.20	GW
0.030	0.20	GW
0.030	0.20	GW
0.030	0.20	GW
0.040	0.20	GW
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0.040	0.20	GW
0.050	0.20	GW
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0.050	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.060	0.21	GW
0.060	0.21	GW
0.070	0.22	GW
0.070	0.22	GW
0.070	0.23	GW
0.070	0.25	GW
0.070	0.25	GW
0.080	0.26	GW
0.090	0.31	GW
0.18	0.59	GW
0.60	2.0	GW
0.80	2.8	GW
1.4	4.6	GW
1.5	5.2	GW
1.6	5.2	GW
0.060	0.24	GW
0.080	5.3	GW
0.11	1.0	GW
0.14	1.0	GW
0.30	0.99	GW
0.30	1.1	GW
6.0	20	GW
0.030	0.090	GW
0.030	0.090	GW
0.013	0.20	GW
0.017	0.20	GW
0.017	0.20	GW
0.019	0.20	GW
0.019	0.20	GW
0.021	0.20	GW

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0.023	0.20	GW
0.024	0.20	GW
0.024	0.20	GW
0.026	0.20	GW
0.027	0.20	GW
0.027	0.20	GW
0.028	0.20	GW
0.030	0.20	GW
0.030	0.20	GW
0.030	0.20	GW
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0.030	0.20	GW
0.040	0.20	GW
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0.050	0.20	GW
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0.050	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.060	0.20	GW
0.060	0.21	GW
0.060	0.21	GW
0.070	0.22	GW
0.070	0.22	GW
0.070	0.23	GW
0.070	0.25	GW
0.070	0.25	GW
0.080	0.26	GW
0.090	0.31	GW

0.18	0.59	GW
0.60	2.0	GW
0.80	2.8	GW
1.4	4.6	GW
1.5	5.2	GW
1.6	5.2	GW
0.060	0.23	GW
0.080	0.56	GW
0.11	1.0	GW
0.14	1.0	GW
0.30	0.99	GW
0.30	1.1	GW
6.0	20	GW
0.030	0.090	GW
0.030	0.090	GW
0.013	0.20	TB
0.017	0.20	TB
0.017	0.20	TB
0.019	0.20	TB
0.019	0.20	TB
0.021	0.20	TB
0.022	0.20	TB
0.022	0.20	TB
0.022	0.20	TB
0.022	0.20	TB
0.022	0.20	TB
0.023	0.20	TB
0.024	0.20	TB
0.024	0.20	TB
0.026	0.20	TB
0.027	0.20	TB
0.027	0.20	TB
0.027	0.20	TB
0.028	0.20	TB
0.030	0.20	TB
0.030	0.20	TB
0.030	0.20	TB
0.030	0.20	TB
0.030	0.20	TB
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0.040	0.20	TB
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0.040	0.20	TB
0.050	0.20	TB
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0.050	0.20	TB
0.050	0.20	TB
0.060	0.20	TB
0.060	0.20	TB
0.060	0.20	TB
0.060	0.20	TB
0.060	0.20	TB
0.060	0.20	TB
0.060	0.21	TB
0.060	0.21	TB
0.070	0.22	TB
0.070	0.22	TB
0.070	0.23	TB
0.070	0.25	TB
0.070	0.25	TB
0.080	0.26	TB
0.080	0.26	TB
0.090	0.31	TB
0.18	0.59	TB
0.60	2.0	TB
0.80	2.8	TB
1.4	4.6	TB
1.5	5.2	TB
1.6	5.2	TB
0.050	0.62	TB
0.11	1.0	TB
0.14	1.0	TB
0.30	0.99	TB
0.30	1.1	TB
6.0	20	TB
0.030	0.090	TB
0.030	0.090	TB
NA	1.0	GW
NA	1.0	GW
NA	1.0	GW
NA	1.0	TB

PROJECT	SAMPNUMB	LOCATNCODE	MATRIX	XLOCATION
NBAFS	SIS18SB09A	Site 18	SB	4.0
NBAFS	SIS18SB10A	Site 18	SB	4.0
NBAFS	SIS18SB11A	Site 18	SB	4.0
NBAFS	SIS5SS01	Site 5	SS	0.0
NBAFS	FIELD DUPLICATE #1	SITE 7	SB	1.5
NBAFS	FIELD DUPLICATE #2	SITE 7	SB	0.0
NBAFS	FIELD DUPLICATE #3	SITE 7	SB	1.5
NBAFS	NBPAHSB010A	SITE 7	SB	1.5
NBAFS	NBPAHSB011A	SITE 7	SB	1.5
NBAFS	NBPAHSB01A	SITE 7	SB	1.5
NBAFS	NBPAHSB02A	SITE 7	SB	1.5
NBAFS	NBPAHSB03A	SITE 7	SB	1.5
NBAFS	NBPAHSB04A	SITE 7	SB	1.5
NBAFS	NBPAHSB05A	SITE 7	SB	1.5
NBAFS	NBPAHSB06A	SITE 7	SB	1.5
NBAFS	NBPAHSB07A	SITE 7	SB	1.5
NBAFS	NBPAHSB08A	SITE 7	SB	1.5
NBAFS	NBPAHSB09A	SITE 7	SB	1.5
NBAFS	NBPAHSB12A	SITE 7	SB	1.5
NBAFS	NBPAHSB13A	SITE 7	SB	1.5
NBAFS	NBPAHSB14A	SITE 7	SB	1.5
NBAFS	NBPAHSB15A	SITE 7	SB	1.5
NBAFS	NBPAHSS01	SITE 7	SS	0.0
NBAFS	NBPAHSS010	SITE 7	SS	0.0
NBAFS	NBPAHSS011	SITE 7	SS	0.0
NBAFS	NBPAHSS012	SITE 7	SS	0.0
NBAFS	NBPAHSS013	SITE 7	SS	0.0
NBAFS	NBPAHSS014	SITE 7	SS	0.0
NBAFS	NBPAHSS015	SITE 7	SS	0.0
NBAFS	NBPAHSS02	SITE 7	SS	0.0
NBAFS	NBPAHSS03	SITE 7	SS	0.0
NBAFS	NBPAHSS04	SITE 7	SS	0.0
NBAFS	NBPAHSS05	SITE 7	SS	0.0
NBAFS	NBPAHSS06	SITE 7	SS	0.0
NBAFS	NBPAHSS07	SITE 7	SS	0.0
NBAFS	NBPAHSS08	SITE 7	SS	0.0
NBAFS	NBPAHSS09	SITE 7	SS	0.0
NBAFS	FIELD DUPLICATE #4	Site 5	SB	15.0
NBAFS	SIS5SB01A	Site 5	SB	15.0
NBAFS	SIS5SB01B	Site 5	SB	23.0
NBAFS	TRIP BLANK	Site 5	TB	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	RB4-SPOON	Program Wide	GW	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	RB4-SPOON	Program Wide	GW	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	RB4-SPOON	Program Wide	GW	NA
NBAFS	DUP 1	Site 5	GW	71.0
NBAFS	DUP 2	Site 9 and 10	GW	26.4
NBAFS	LF003-MW1	Site 5	GW	22.65

NBAFS	LF003-MW2	Site 5	GW	71.0
NBAFS	SIS08-MW1	SITE 8	GW	81.0
NBAFS	SIS18-MW1	Site 18	GW	51.0
NBAFS	SIS18-MW3	Site 18	GW	51.0
NBAFS	SIS18-MW4	Site 18	GW	21.0
NBAFS	SIS18-MW5	Site 18	GW	20.5
NBAFS	SS008-MW3	Site 9 and 10	GW	26.4
NBAFS	SS008-MW4	Site 9 and 10	GW	82.0
NBAFS	SS009-MW1	Site 9 and 10	GW	5.0
NBAFS	SS009-MW3	Site 9 and 10	GW	56.5
NBAFS	TRIP BLANK	Site 18	TB	NA
NBAFS	DUP 3	Site 18	GW	1.5
NBAFS	PW-1	Site 9 and 10	GW	174.0
NBAFS	PW-2	Site 9 and 10	GW	174.0
NBAFS	PW-3	Site 9 and 10	GW	125.0
NBAFS	RB1-PUMP	Site 18	GW	NA
NBAFS	SIS18-MW2	Site 18	GW	11.5
NBAFS	SIS18-MW2 DUP	Site 18	GW	11.5
NBAFS	SIS18PZ2	Site 18	GW	1.5
NBAFS	SIS18PZ3	Site 18	GW	1.25
NBAFS	SS008-MW1	Site 9 and 10	GW	6.0
NBAFS	SS008-MW2	Site 9 and 10	GW	11.5
NBAFS	SS009-MW2	Site 9 and 10	GW	5.9
NBAFS	LF003 MW-1	Site 5	GW	22.65
NBAFS	LF003 MW-2	Site 5	GW	71.0
NBAFS	SS008 MW-4	Site 9	GW	82.0
NBAFS	TRIP BLANK	Sites 5 & 9	TB	NA
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	SIS18SW10	Site 18	GW	0.0
NBAFS	SIS18SW2	Site 18	GW	0.0
NBAFS	SIS18SW2 DUP	Site 18	GW	0.0
NBAFS	SIS18SW3	Site 18	GW	0.0
NBAFS	SIS18SW4	Site 18	GW	0.0
NBAFS	SIS18SW5	Site 18	GW	0.0
NBAFS	SIS18SW6	Site 18	GW	0.0
NBAFS	SIS18SW7	Site 18	GW	0.0
NBAFS	SIS18SW8	Site 18	GW	0.0
NBAFS	SIS18SW9	Site 18	GW	0.0
NBAFS	RB2-AUGER	Program Wide	GW	NA
NBAFS	SIS18SS10	Site 18	SS	0.0
NBAFS	SIS18SS11	Site 18	SS	0.0
NBAFS	SIS18SS12	Site 18	SS	0.0
NBAFS	SIS18SS13	Site 18	SS	0.0
NBAFS	SIS18SS9	Site 18	SS	0.0
NBAFS	SIS18SS9 DUP	Site 18	SS	0.0
NBAFS	SIS18SB10B	Site 18	SB	7.0
NBAFS	SIS18SB10C	Site 18	SB	8.0
NBAFS	SIS18SB10D	Site 18	SB	9.0
NBAFS	SIS18SB11B	Site 18	SB	7.0
NBAFS	SIS18SB11C	Site 18	SB	8.0
NBAFS	SIS18SB11D	Site 18	SB	9.0
NBAFS	SIS18SB4C	Site 18	SB	8.0

NBAFS	SIS18SB4D	Site 18	SB	9.0
NBAFS	SIS18SB9B	Site 18	SB	0.0
NBAFS	SIS18SB9C	Site 18	SB	8.0
NBAFS	SIS18SB9C DUP	Site 18	SB	8.0
NBAFS	SIS18SB9D	Site 18	SB	9.0
NBAFS	SIS18SD3	Site 18	SD	0.0
NBAFS	SIS18SD4	Site 18	SD	0.0
NBAFS	SIS18SD5	Site 18	SD	0.0
NBAFS	SIS18SD6	Site 18	SD	0.0
NBAFS	SIS18SD7	Site 18	SD	0.0
NBAFS	SIS18SD8	Site 18	SD	0.0
NBAFS	SIS18SD8 DUP	Site 18	SD	0.0
NBAFS	SIS18SD9	Site 18	SD	0.0
NBAFS	SIS18SD9 DUP	Site 18	SD	0.0
NBAFS	SIS18SD10	Site 18	SD	0.0
NBAFS	SIS18SD10 DUP	Site 18	SD	0.0

YLOCATION	Z1	Z2
4.5	4.0	4.5
4.5	4.0	4.5
4.5	4.0	4.5
0.5	0.0	0.5
2.0	1.5	2.0
0.5	0.0	0.5
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
17.0	15.0	17.0
17.0	15.0	17.0
25.0	23.0	25.0
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
NA	NA	NA
81.0	71.0	81.0
41.4	26.4	41.4
37.65	22.65	37.65

81.0	71.0	81.0
101.0	81.0	101.0
61.0	51.0	61.0
71.0	51.0	71.0
31.0	21.0	31.0
30.5	20.5	30.5
41.4	26.4	41.4
102.0	82.0	102.0
15.0	5.0	15.0
76.5	56.5	76.5
NA	NA	NA
3.5	1.5	3.5
176.0	174.0	176.0
176.0	174.0	176.0
127.0	125.0	127.0
NA	NA	NA
21.5	11.5	21.5
21.5	11.5	21.5
3.5	1.5	3.5
3.25	1.25	3.25
26.0	6.0	26.0
26.5	11.5	26.5
20.9	5.9	20.9
37.65	22.65	37.65
81.0	71.0	81.0
102.0	82.0	102.0
NA	NA	NA
NA	NA	NA
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
NA	NA	NA
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
7.5	7.0	7.5
8.5	8.0	8.5
9.5	9.0	9.5
7.5	7.0	7.5
8.5	8.0	8.5
9.5	9.0	9.5
8.5	8.0	8.5

9.5	9.0	9.5
0.5	0.0	0.5
8.5	8.0	8.5
8.5	8.0	8.5
9.5	9.0	9.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5

Site	Location	FieldID	Depth_Top	Depth_Bottom	Lab_Name	SDG
NBAFS	Site 5	LF003 MW-1	22.65	37.65	CT Labs	77528

NBAFS	Site 5	LF003 MW-1	22.65	37.65	CT Labs	77528

NBAFS	Site 5	LF003 MW-2	71.0	81.0	CT Labs	77528

Field_Id	Matrix	Lab_Id	Prep_Method_No	Anal_Method_No	Sample_Date
LF003 MW-1	GW	770686	5030B	8260B	02/11/10

LF003 MW-1	GW	770686	5030B	8260B	02/11/10

LF003 MW-2	GW	770692	5030B	8260B	02/11/10

Receipt_Date	Prep_Date	Analysis_Date	CAS	Analyte	Result
02/12/10	02/16/10	02/16/10	75-01-4	Vinyl chloride	2.0
02/12/10	02/16/10	02/16/10	10061-01-5	cis-1,3-Dichloropropene	2.0
02/12/10	02/16/10	02/16/10	10061-02-6	trans-1,3-Dichloropropene	2.0
02/12/10	02/16/10	02/16/10	79-34-5	1,1,2,2-Tetrachloroethane	2.0
02/12/10	02/16/10	02/16/10	98-06-6	tert-Butylbenzene	2.0
02/12/10	02/16/10	02/16/10	67-66-3	Chloroform	2.0
02/12/10	02/16/10	02/16/10	56-23-5	Carbon tetrachloride	2.0
02/12/10	02/16/10	02/16/10	100-42-5	Styrene	2.0
02/12/10	02/16/10	02/16/10	100-41-4	Ethylbenzene	2.0
02/12/10	02/16/10	02/16/10	124-48-1	Dibromochloromethane	2.0
02/12/10	02/16/10	02/16/10	541-73-1	1,3-Dichlorobenzene	2.0
02/12/10	02/16/10	02/16/10	74-97-5	Bromochloromethane	2.0
02/12/10	02/16/10	02/16/10	75-71-8	Dichlorodifluoromethane	2.0
02/12/10	02/16/10	02/16/10	96-18-4	1,2,3-Trichloropropane	2.0
02/12/10	02/16/10	02/16/10	107-06-2	1,2-Dichloroethane	2.0
02/12/10	02/16/10	02/16/10	594-20-7	2,2-Dichloropropane	2.0
02/12/10	02/16/10	02/16/10	75-27-4	Bromodichloromethane	2.0
02/12/10	02/16/10	02/16/10	544-10-5	1-Chlorohexane	2.0
02/12/10	02/16/10	02/16/10	106-46-7	1,4-Dichlorobenzene	2.0
02/12/10	02/16/10	02/16/10	75-25-2	Bromoform	2.0
02/12/10	02/16/10	02/16/10	563-58-6	1,1-Dichloropropene	2.0
02/12/10	02/16/10	02/16/10	95-49-8	2-Chlorotoluene	2.0
02/12/10	02/16/10	02/16/10	108-90-7	Chlorobenzene	2.0
02/12/10	02/16/10	02/16/10	106-43-4	4-Chlorotoluene	2.0
02/12/10	02/16/10	02/16/10	75-35-4	1,1-Dichloroethene	2.0
02/12/10	02/16/10	02/16/10	127-18-4	Tetrachloroethene	2.0
02/12/10	02/16/10	02/16/10	79-01-6	Trichloroethene	2.0
02/12/10	02/16/10	02/16/10	71-55-6	1,1,1-Trichloroethane	2.0
02/12/10	02/16/10	02/16/10	95-50-1	1,2-Dichlorobenzene	2.0
02/12/10	02/16/10	02/16/10	78-87-5	1,2-Dichloropropane	2.0
02/12/10	02/16/10	02/16/10	71-43-2	Benzene	2.0
02/12/10	02/16/10	02/16/10	156-59-2	cis-1,2-Dichloroethene	2.0
02/12/10	02/16/10	02/16/10	74-87-3	Chloromethane	2.0
02/12/10	02/16/10	02/16/10	87-68-3	Hexachlorobutadiene	2.0
02/12/10	02/16/10	02/16/10	630-20-6	1,1,1,2-Tetrachloroethane	2.0
02/12/10	02/16/10	02/16/10	108-20-3	Diisopropyl ether	2.0
02/12/10	02/16/10	02/16/10	75-34-3	1,1-Dichloroethane	2.0
02/12/10	02/16/10	02/16/10	120-82-1	1,2,4-Trichlorobenzene	2.0
02/12/10	02/16/10	02/16/10	108-88-3	Toluene	2.0
02/12/10	02/16/10	02/16/10	79-00-5	1,1,2-Trichloroethane	2.0
02/12/10	02/16/10	02/16/10	75-69-4	Trichlorofluoromethane	2.0
02/12/10	02/16/10	02/16/10	74-95-3	Dibromomethane	2.1
02/12/10	02/16/10	02/16/10	156-60-5	trans-1,2-Dichloroethene	2.1
02/12/10	02/16/10	02/16/10	87-61-6	1,2,3-Trichlorobenzene	2.2
02/12/10	02/16/10	02/16/10	108-86-1	Bromobenzene	2.2
02/12/10	02/16/10	02/16/10	75-00-3	Chloroethane	2.3
02/12/10	02/16/10	02/16/10	142-28-9	1,3-Dichloropropane	2.5
02/12/10	02/16/10	02/16/10	74-83-9	Bromomethane	2.5
02/12/10	02/16/10	02/16/10	1634-04-4	Methyl tert-butyl ether	2.6
02/12/10	02/16/10	02/16/10	75-15-0	Carbon disulfide	3.1
02/12/10	02/16/10	02/16/10	75-09-2	Methylene chloride	5.9

02/12/10	02/16/10	02/16/10	109-99-9	Tetrahydrofuran	46
02/12/10	02/16/10	02/16/10	67-64-1	Acetone	52
02/12/10	02/16/10	02/16/10	591-78-6	2-Hexanone	52
02/12/10	02/16/10	02/16/10	78-93-3	2-Butanone	20
02/12/10	02/16/10	02/16/10	108-10-1	4-Methyl-2-pentanone	28
02/12/10	02/16/10	02/16/10	98-82-8	Isopropylbenzene	10
02/12/10	02/16/10	02/16/10	95-47-6	o-Xylene	13
02/12/10	02/16/10	02/16/10	1330-20-7	m,p-Xylenes	15
02/12/10	02/16/10	02/16/10	95-63-6	1,2,4-Trimethylbenzene	160
02/12/10	02/16/10	02/16/10	99-87-6	p-Isopropyltoluene	3.2
02/12/10	02/16/10	02/16/10	104-51-8	n-Butylbenzene	39
02/12/10	02/16/10	02/16/10	103-65-1	n-Propylbenzene	42
02/12/10	02/16/10	02/16/10	108-67-8	1,3,5-Trimethylbenzene	60
02/12/10	02/16/10	02/16/10	135-98-8	sec-Butylbenzene	9.4
02/12/10	02/16/10	02/16/10	91-20-3	Naphthalene	9.9
02/12/10	02/18/10	02/18/10	637-92-3	Tert-butyl ethyl ether	1.0
02/12/10	02/18/10	02/18/10	994-05-08	Tert-amyl methyl ether	1.0
02/12/10	02/18/10	02/18/10	60-29-7	Ethyl ether	0.99
02/12/10	02/18/10	02/18/10	108-70-3	1,3,5-Trichlorobenzene	1.1
02/12/10	02/18/10	02/18/10	75-65-0	Tert-butyl alcohol	20
02/12/10	02/16/10	02/16/10	106-93-4	1,2-Dibromoethane	0.090
02/12/10	02/16/10	02/16/10	96-12-8	1,2-Dibromo-3-chloropropane	0.090
02/12/10	02/16/10	02/16/10	75-01-4	Vinyl chloride	0.20
02/12/10	02/16/10	02/16/10	10061-01-5	cis-1,3-Dichloropropene	0.20
02/12/10	02/16/10	02/16/10	10061-02-6	trans-1,3-Dichloropropene	0.20
02/12/10	02/16/10	02/16/10	79-34-5	1,1,2,2-Tetrachloroethane	0.20
02/12/10	02/16/10	02/16/10	135-98-8	sec-Butylbenzene	0.20
02/12/10	02/16/10	02/16/10	98-06-6	tert-Butylbenzene	0.20
02/12/10	02/16/10	02/16/10	67-66-3	Chloroform	0.20
02/12/10	02/16/10	02/16/10	104-51-8	n-Butylbenzene	0.20
02/12/10	02/16/10	02/16/10	56-23-5	Carbon tetrachloride	0.20
02/12/10	02/16/10	02/16/10	103-65-1	n-Propylbenzene	0.20
02/12/10	02/16/10	02/16/10	100-42-5	Styrene	0.20
02/12/10	02/16/10	02/16/10	95-47-6	o-Xylene	0.20
02/12/10	02/16/10	02/16/10	100-41-4	Ethylbenzene	0.20
02/12/10	02/16/10	02/16/10	108-67-8	1,3,5-Trimethylbenzene	0.20
02/12/10	02/16/10	02/16/10	124-48-1	Dibromochloromethane	0.20
02/12/10	02/16/10	02/16/10	541-73-1	1,3-Dichlorobenzene	0.20
02/12/10	02/16/10	02/16/10	95-63-6	1,2,4-Trimethylbenzene	0.20
02/12/10	02/16/10	02/16/10	74-97-5	Bromochloromethane	0.20
02/12/10	02/16/10	02/16/10	75-71-8	Dichlorodifluoromethane	0.20
02/12/10	02/16/10	02/16/10	96-18-4	1,2,3-Trichloropropane	0.20
02/12/10	02/16/10	02/16/10	107-06-2	1,2-Dichloroethane	0.20
02/12/10	02/16/10	02/16/10	594-20-7	2,2-Dichloropropane	0.20
02/12/10	02/16/10	02/16/10	75-27-4	Bromodichloromethane	0.20
02/12/10	02/16/10	02/16/10	544-10-5	1-Chlorohexane	0.20
02/12/10	02/16/10	02/16/10	98-82-8	Isopropylbenzene	0.20
02/12/10	02/16/10	02/16/10	99-87-6	p-Isopropyltoluene	0.20
02/12/10	02/16/10	02/16/10	106-46-7	1,4-Dichlorobenzene	0.20
02/12/10	02/16/10	02/16/10	75-25-2	Bromoform	0.20
02/12/10	02/16/10	02/16/10	563-58-6	1,1-Dichloropropene	0.20
02/12/10	02/16/10	02/16/10	95-49-8	2-Chlorotoluene	0.20

02/12/10	02/16/10	02/16/10	108-90-7	Chlorobenzene	0.20
02/12/10	02/16/10	02/16/10	106-43-4	4-Chlorotoluene	0.20
02/12/10	02/16/10	02/16/10	75-35-4	1,1-Dichloroethene	0.20
02/12/10	02/16/10	02/16/10	127-18-4	Tetrachloroethene	0.20
02/12/10	02/16/10	02/16/10	79-01-6	Trichloroethene	0.20
02/12/10	02/16/10	02/16/10	71-55-6	1,1,1-Trichloroethane	0.20
02/12/10	02/16/10	02/16/10	95-50-1	1,2-Dichlorobenzene	0.20
02/12/10	02/16/10	02/16/10	78-87-5	1,2-Dichloropropane	0.20
02/12/10	02/16/10	02/16/10	71-43-2	Benzene	0.20
02/12/10	02/16/10	02/16/10	156-59-2	cis-1,2-Dichloroethene	0.20
02/12/10	02/16/10	02/16/10	74-87-3	Chloromethane	0.20
02/12/10	02/16/10	02/16/10	87-68-3	Hexachlorobutadiene	0.20
02/12/10	02/16/10	02/16/10	630-20-6	1,1,1,2-Tetrachloroethane	0.20
02/12/10	02/16/10	02/16/10	91-20-3	Naphthalene	0.20
02/12/10	02/16/10	02/16/10	108-20-3	Diisopropyl ether	0.20
02/12/10	02/16/10	02/16/10	75-34-3	1,1-Dichloroethane	0.20
02/12/10	02/16/10	02/16/10	120-82-1	1,2,4-Trichlorobenzene	0.20
02/12/10	02/16/10	02/16/10	79-00-5	1,1,2-Trichloroethane	0.20
02/12/10	02/16/10	02/16/10	75-69-4	Trichlorofluoromethane	0.20
02/12/10	02/16/10	02/16/10	74-95-3	Dibromomethane	0.21
02/12/10	02/16/10	02/16/10	156-60-5	trans-1,2-Dichloroethene	0.21
02/12/10	02/16/10	02/16/10	87-61-6	1,2,3-Trichlorobenzene	0.22
02/12/10	02/16/10	02/16/10	108-86-1	Bromobenzene	0.22
02/12/10	02/16/10	02/16/10	75-00-3	Chloroethane	0.23
02/12/10	02/16/10	02/16/10	142-28-9	1,3-Dichloropropane	0.25
02/12/10	02/16/10	02/16/10	74-83-9	Bromomethane	0.25
02/12/10	02/16/10	02/16/10	1330-20-7	m,p-Xylenes	0.26
02/12/10	02/16/10	02/16/10	75-15-0	Carbon disulfide	0.31
02/12/10	02/16/10	02/16/10	75-09-2	Methylene chloride	0.59
02/12/10	02/16/10	02/16/10	78-93-3	2-Butanone	2.0
02/12/10	02/16/10	02/16/10	108-10-1	4-Methyl-2-pentanone	2.8
02/12/10	02/16/10	02/16/10	109-99-9	Tetrahydrofuran	4.6
02/12/10	02/16/10	02/16/10	67-64-1	Acetone	5.2
02/12/10	02/16/10	02/16/10	591-78-6	2-Hexanone	5.2
02/12/10	02/16/10	02/16/10	108-88-3	Toluene	0.24
02/12/10	02/16/10	02/16/10	1634-04-4	Methyl tert-butyl ether	5.3
02/12/10	02/18/10	02/18/10	637-92-3	Tert-butyl ethyl ether	1.0
02/12/10	02/18/10	02/18/10	994-05-08	Tert-amyl methyl ether	1.0
02/12/10	02/18/10	02/18/10	60-29-7	Ethyl ether	0.99
02/12/10	02/18/10	02/18/10	108-70-3	1,3,5-Trichlorobenzene	1.1
02/12/10	02/18/10	02/18/10	75-65-0	Tert-butyl alcohol	20
02/12/10	02/16/10	02/16/10	106-93-4	1,2-Dibromoethane	0.090
02/12/10	02/16/10	02/16/10	96-12-8	1,2-Dibromo-3-chloropropane	0.090
02/16/10	02/17/10	02/17/10	123-91-1	1,4-Dioxane	1.0
02/16/10	02/17/10	02/17/10	123-91-1	1,4-Dioxane	1.0

Lab_Qualifier	Val_Qualifiers	Combined_Qualifier	Units	Dilution	MDL	MRL	Res_Code
U		U	ug/L	10	0.13	2.0	PP01
U		U	ug/L	10	0.17	2.0	PP01
U		U	ug/L	10	0.17	2.0	PP01
U		U	ug/L	10	0.19	2.0	PP01
U		U	ug/L	10	0.21	2.0	PP01
U		U	ug/L	10	0.22	2.0	PP01
U		U	ug/L	10	0.22	2.0	PP01
U	UJ	UJ	ug/L	10	0.22	2.0	PP01
U		U	ug/L	10	0.24	2.0	PP01
U		U	ug/L	10	0.26	2.0	PP01
U		U	ug/L	10	0.27	2.0	PP01
U		U	ug/L	10	0.28	2.0	PP01
U		U	ug/L	10	0.30	2.0	PP01
U		U	ug/L	10	0.30	2.0	PP01
U		U	ug/L	10	0.30	2.0	PP01
U		U	ug/L	10	0.30	2.0	PP01
U		U	ug/L	10	0.30	2.0	PP01
U		U	ug/L	10	0.40	2.0	PP01
U		U	ug/L	10	0.40	2.0	PP01
U		U	ug/L	10	0.40	2.0	PP01
U		U	ug/L	10	0.40	2.0	PP01
U		U	ug/L	10	0.40	2.0	PP01
U		U	ug/L	10	0.40	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.50	2.0	PP01
U		U	ug/L	10	0.60	2.0	PP01
U		U	ug/L	10	0.60	2.0	PP01
U		U	ug/L	10	0.60	2.0	PP01
U		U	ug/L	10	0.60	2.0	PP01
U		U	ug/L	10	0.60	2.0	PP01
U		U	ug/L	10	0.60	2.0	PP01
U		U	ug/L	10	0.60	2.1	PP01
U		U	ug/L	10	0.60	2.1	PP01
U		U	ug/L	10	0.70	2.2	PP01
U		U	ug/L	10	0.70	2.2	PP01
U		U	ug/L	10	0.70	2.3	PP01
U		U	ug/L	10	0.70	2.5	PP01
U		U	ug/L	10	0.70	2.5	PP01
U		U	ug/L	10	0.80	2.6	PP01
U		U	ug/L	10	0.90	3.1	PP01
U		U	ug/L	10	1.8	5.9	PP01

U		U	ug/L	10	14	46	PP01
U	UJ	UJ	ug/L	10	15	52	PP01
U		U	ug/L	10	16	52	PP01
U		U	ug/L	10	6.0	20	PP01
U		U	ug/L	10	8.0	28	PP01
			ug/L	10	0.40	2.0	PP01
			ug/L	10	0.23	2.0	PP01
			ug/L	10	0.80	2.6	PP01
	J	J	ug/L	10	0.27	2.0	PP01
			ug/L	10	0.40	2.0	PP01
			ug/L	10	0.22	2.0	PP01
			ug/L	10	0.22	2.0	PP01
	J	J	ug/L	10	0.24	2.0	PP01
			ug/L	10	0.19	2.0	PP01
			ug/L	10	0.50	2.0	PP01
U		U	ug/L	1	0.11	1.0	PP01
U		U	ug/L	1	0.14	1.0	PP01
U		U	ug/L	1	0.30	0.99	PP01
U		U	ug/L	1	0.30	1.1	PP01
U		U	ug/L	1	6.0	20	PP01
U		U	ug/L	1	0.030	0.090	PP01
U		U	ug/L	1	0.030	0.090	PP01
U		U	ug/L	1	0.013	0.20	PP01
U		U	ug/L	1	0.017	0.20	PP01
U		U	ug/L	1	0.017	0.20	PP01
U		U	ug/L	1	0.019	0.20	PP01
U		U	ug/L	1	0.019	0.20	PP01
U		U	ug/L	1	0.021	0.20	PP01
U		U	ug/L	1	0.022	0.20	PP01
U		U	ug/L	1	0.022	0.20	PP01
U		U	ug/L	1	0.022	0.20	PP01
U		U	ug/L	1	0.022	0.20	PP01
U	UJ	UJ	ug/L	1	0.022	0.20	PP01
U		U	ug/L	1	0.023	0.20	PP01
U		U	ug/L	1	0.024	0.20	PP01
U	UJ	UJ	ug/L	1	0.024	0.20	PP01
U		U	ug/L	1	0.026	0.20	PP01
U		U	ug/L	1	0.027	0.20	PP01
U	UJ	UJ	ug/L	1	0.027	0.20	PP01
U		U	ug/L	1	0.028	0.20	PP01
U		U	ug/L	1	0.030	0.20	PP01
U		U	ug/L	1	0.030	0.20	PP01
U		U	ug/L	1	0.030	0.20	PP01
U		U	ug/L	1	0.030	0.20	PP01
U		U	ug/L	1	0.030	0.20	PP01
U		U	ug/L	1	0.040	0.20	PP01
U		U	ug/L	1	0.040	0.20	PP01
U		U	ug/L	1	0.040	0.20	PP01
U		U	ug/L	1	0.040	0.20	PP01
U		U	ug/L	1	0.040	0.20	PP01
U		U	ug/L	1	0.040	0.20	PP01
U		U	ug/L	1	0.040	0.20	PP01

U		U	ug/L	1	0.040	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.050	0.20	PP01
U		U	ug/L	1	0.060	0.20	PP01
U		U	ug/L	1	0.060	0.20	PP01
U		U	ug/L	1	0.060	0.20	PP01
U		U	ug/L	1	0.060	0.20	PP01
U		U	ug/L	1	0.060	0.20	PP01
U		U	ug/L	1	0.060	0.21	PP01
U		U	ug/L	1	0.060	0.21	PP01
U		U	ug/L	1	0.070	0.22	PP01
U		U	ug/L	1	0.070	0.22	PP01
U		U	ug/L	1	0.070	0.23	PP01
U		U	ug/L	1	0.070	0.25	PP01
U		U	ug/L	1	0.070	0.25	PP01
U		U	ug/L	1	0.080	0.26	PP01
U		U	ug/L	1	0.090	0.31	PP01
U		U	ug/L	1	0.18	0.59	PP01
U		U	ug/L	1	0.60	2.0	PP01
U		U	ug/L	1	0.80	2.8	PP01
U		U	ug/L	1	1.4	4.6	PP01
U	UJ	UJ	ug/L	1	1.5	5.2	PP01
U		U	ug/L	1	1.6	5.2	PP01
			ug/L	1	0.060	0.20	PP01
			ug/L	1	0.080	0.26	PP01
U		U	ug/L	1	0.11	1.0	PP01
U		U	ug/L	1	0.14	1.0	PP01
U		U	ug/L	1	0.30	0.99	PP01
U		U	ug/L	1	0.30	1.1	PP01
U		U	ug/L	1	6.0	20	PP01
U		U	ug/L	1	0.030	0.090	PP01
U		U	ug/L	1	0.030	0.090	PP01
U		U	ug/L	1	NA	1.0	PP01
U		U	ug/L	1	NA	1.0	PP01

Surrog_Flg	PF_Code	Basis	Solids
F	T	Wet	0.0
F	T	Wet	0.0
F	T	Wet	0.0

F	T	Wet	0.0
F	T	Wet	0.0
F	T	Wet	0.0

F	T	Wet	0.0
F	T	Wet	0.0
F	T	Wet	0.0

Site	Location	FieldID	Depth_Top	Depth_Bottom	Lab_Name	SDG	Field_Id	Matrix	Lab_Id
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-AQ1	NA	NA	CT Labs	76804	IDW-AQ1	AQ	755785
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755783
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755783
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755783
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755783
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784

NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784
NBAFS	IDW	IDW-SO1	NA	NA	CT Labs	76804	IDW-SO1	SO	755784

Prep_Method_No	Anal_Method_No	Sample_Date	Receipt_Date	Prep_Date	Analysis_Date	CAS
Gen Prep	9040C	12/14/09	12/15/09	12/15/09	12/15/09	PH
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	79-01-6
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	75-01-4
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	71-43-2
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	67-66-3
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	107-06-2
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	108-90-7
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	75-35-4
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	56-23-5
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	127-18-4
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	78-93-3
Gen Prep	8260B	12/14/09	12/15/09	12/24/09	12/24/09	60-29-7
3010A	6010C	12/14/09	12/15/09	12/15/09	12/30/09	7440-43-9
3010A	6010C	12/14/09	12/15/09	12/15/09	12/30/09	7440-39-3
3010A	6010C	12/14/09	12/15/09	12/15/09	12/30/09	7439-92-1
3010A	6010C	12/14/09	12/15/09	12/15/09	12/18/09	7440-22-4
3010A	6010C	12/14/09	12/15/09	12/15/09	12/18/09	7782-49-2
3010A	6010C	12/14/09	12/15/09	12/15/09	12/18/09	7440-38-2
3010A	6010C	12/14/09	12/15/09	12/15/09	12/18/09	7440-47-3
Gen Prep	9012	12/14/09	12/15/09	12/18/09	12/18/09	57-12-5
Gen Prep	7470A	12/14/09	12/15/09	12/29/09	12/30/09	7439-97-6
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	67-72-1
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	106-46-7
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	98-95-3
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	121-14-2
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	118-74-1
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	87-68-3
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	1319-77-3
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	95-95-4
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	88-06-2
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	95-48-7
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	87-86-5
3510C	8270C	12/14/09	12/15/09	12/21/09	12/30/09	110-86-1
Gen Prep	376.1	12/14/09	12/15/09	12/21/09	12/21/09	18496-25-8
Gen Prep	8000C	12/14/09	12/15/09	12/15/09	12/15/09	SOLID
Gen Prep	9045D	12/14/09	12/15/09	12/15/09	12/15/09	PH
Gen Prep	9012	12/14/09	12/15/09	12/18/09	12/18/09	57-12-5
Gen Prep	D4978	12/14/09	12/15/09	12/21/09	12/21/09	18496-25-8
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	79-01-6
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	75-01-4
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	71-43-2
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	67-66-3
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	107-06-2
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	108-90-7
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	56-23-5
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	75-35-4
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	127-18-4
1311/Gen Prep	8260B	12/14/09	12/15/09	12/29/09	12/29/09	78-93-3
1311/3010A	6010C	12/14/09	12/15/09	12/28/09	12/30/09	7440-22-4
1311/3010A	6010C	12/14/09	12/15/09	12/28/09	12/30/09	7440-43-9
1311/3010A	6010C	12/14/09	12/15/09	12/28/09	12/30/09	7440-38-2

1311/3010A	6010C	12/14/09	12/15/09	12/28/09	12/30/09	7782-49-2
1311/3010A	6010C	12/14/09	12/15/09	12/28/09	12/30/09	7440-47-3
1311/3010A	6010C	12/14/09	12/15/09	12/28/09	12/30/09	7439-92-1
1311/3010A	6010C	12/14/09	12/15/09	12/28/09	12/30/09	7440-39-3
1311/Gen Prep	7470A	12/14/09	12/15/09	12/29/09	12/30/09	7439-97-6
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	67-72-1
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	106-46-7
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	98-95-3
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	121-14-2
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	118-74-1
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	87-68-3
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	1319-77-3
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	95-95-4
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	88-06-2
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	95-48-7
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	87-86-5
1311/3510C	8270C	12/14/09	12/15/09	12/23/09	01/01/10	110-86-1

Analyte	Result	Lab_Qualifier	Spacer	Combined_Qualifier	Units	Dilution
pH	6.6				S.U.	1
Trichloroethene	1.0	U		U	ug/L	1
Vinyl chloride	1.0	U		U	ug/L	1
Benzene	1.0	U		U	ug/L	1
Chloroform	1.0	U		U	ug/L	1
1,2-Dichloroethane	1.1	U		U	ug/L	1
Chlorobenzene	1.1	U		U	ug/L	1
1,1-Dichloroethene	1.3	U		U	ug/L	1
Carbon tetrachloride	1.3	U		U	ug/L	1
Tetrachloroethene	1.3	U		U	ug/L	1
2-Butanone	14	U		U	ug/L	1
Ethyl ether	0.99	U		U	ug/L	1
Cadmium	1.1				ug/L	1
Barium	54.3				ug/L	1
Lead	6.0				ug/L	1
Silver	1.0	U		U	ug/L	1
Selenium	2.3	U		U	ug/L	1
Arsenic	3.1	U		U	ug/L	1
Chromium	1.2	J		J	ug/L	1
Total Cyanide	0.0060	UY		U	mg/L	1
Mercury	0.040	U		U	ug/L	1
Hexachloroethane	1.0	U		U	ug/L	1
1,4-Dichlorobenzene	1.0	U		U	ug/L	1
Nitrobenzene	1.0	U		U	ug/L	1
2,4-Dinitrotoluene	1.0	U		U	ug/L	1
Hexachlorobenzene	1.0	U		U	ug/L	1
Hexachlorobutadiene	1.0	U		U	ug/L	1
4-Methylphenol	2.3	U		U	ug/L	1
2,4,5-Trichlorophenol	2.7	U		U	ug/L	1
2,4,6-Trichlorophenol	2.9	U		U	ug/L	1
2-Methylphenol	2.9	U		U	ug/L	1
Pentachlorophenol	5.1	U		U	ug/L	1
Pyridine	5.9	U		U	ug/L	1
Sulfide	1.0	U		U	mg/L	1
Total Solids	88.9				%	1
pH	7.86				S.U.	1
Cyanide	0.11	UY		U	mg/kg	1
Sulfide	4.5				mg/kg	1
TCLP Trichloroethene	0.048	U		U	mg/L	100
TCLP Vinyl chloride	0.049	U		U	mg/L	100
TCLP Benzene	0.055	U		U	mg/L	100
TCLP Chloroform	0.072	U		U	mg/L	100
TCLP 1,2-Dichloroethane	0.11	U		U	mg/L	100
TCLP Chlorobenzene	0.11	U		U	mg/L	100
TCLP Carbon tetrachloride	0.13	U		U	mg/L	100
TCLP 1,1-Dichloroethene	0.13	U		U	mg/L	100
TCLP Tetrachloroethene	0.13	U		U	mg/L	100
TCLP 2-Butanone	1.4	U		U	mg/L	100
TCLP Silver	0.0010	U		U	mg/L	1
TCLP Cadmium	0.00070	B			mg/L	1
TCLP Arsenic	0.0031	U		U	mg/L	1

TCLP Selenium	0.0034	JY,B	J	mg/L	1
TCLP Chromium	0.0050			mg/L	1
TCLP Lead	0.0052	Y		mg/L	1
TCLP Barium	0.16			mg/L	1
TCLP Mercury	0.000070	JY	J	mg/L	1
TCLP Hexachloroethane	0.0024	U	U	mg/L	1
TCLP 1,4-Dichlorobenzene	0.0028	U	U	mg/L	1
TCLP Nitrobenzene	0.0051	U	U	mg/L	1
TCLP 2,4-Dinitrotoluene	0.0062	U	U	mg/L	1
TCLP Hexachlorobenzene	0.0074	U	U	mg/L	1
TCLP Hexachlorobutadiene	0.0099	U	U	mg/L	1
TCLP 4-Methylphenol	0.022	U	U	mg/L	1
TCLP 2,4,5-Trichlorophenol	0.027	U	U	mg/L	1
TCLP 2,4,6-Trichlorophenol	0.029	U	U	mg/L	1
TCLP 2-Methylphenol	0.029	U	U	mg/L	1
TCLP Pentachlorophenol	0.030	UQ	U	mg/L	1
TCLP Pyridine	0.059	UM	U	mg/L	1

MDL	MRL	Res_Code	Surrog_Flg	PF_Code	Basis	Solids
1.0	NA	PP01	F	T	W	NA
0.15	1.0	PP01	F	T	W	NA
0.15	1.0	PP01	F	T	W	NA
0.16	1.0	PP01	F	T	W	NA
0.22	1.0	PP01	F	T	W	NA
0.30	1.1	PP01	F	T	W	NA
0.30	1.1	PP01	F	T	W	NA
0.40	1.3	PP01	F	T	W	NA
0.40	1.3	PP01	F	T	W	NA
0.40	1.3	PP01	F	T	W	NA
4.0	14	PP01	F	T	W	NA
0.30	0.99	PP01	F	T	W	NA
0.16	0.53	PP03	F	T	W	NA
0.50	1.6	PP02	F	T	W	NA
1.5	4.9	PP02	F	T	W	NA
1.0	3.2	PP01	F	T	W	NA
2.3	7.7	PP01	F	T	W	NA
3.1	9.9	PP01	F	T	W	NA
1.0	3.0	PP01	F	T	W	NA
0.0060	0.020	PP01	F	T	W	NA
0.040	0.13	PP01	F	T	W	NA
0.071	1.0	PP01	F	T	W	NA
0.081	1.0	PP01	F	T	W	NA
0.15	1.0	PP01	F	T	W	NA
0.19	1.0	PP01	F	T	W	NA
0.22	1.0	PP01	F	T	W	NA
0.30	1.0	PP01	F	T	W	NA
0.68	2.3	PP01	F	T	W	NA
0.80	2.7	PP01	F	T	W	NA
0.87	2.9	PP01	F	T	W	NA
0.88	2.9	PP01	F	T	W	NA
0.90	5.1	PP01	F	T	W	NA
1.8	5.9	PP01	F	T	W	NA
1.0	3.0	PP01	F	T	W	NA
1.0	NA	PP01	F	T	W	88.2
1.0	NA	PP01	F	T	W	88.2
0.11	0.40	PP01	F	T	D	88.2
4.5	N/A	PP01	F	T	W	88.2
0.015	0.048	PP01	F	T	W	NA
0.015	0.049	PP01	F	T	W	NA
0.016	0.055	PP01	F	T	W	NA
0.022	0.072	PP01	F	T	W	NA
0.030	0.11	PP01	F	T	W	NA
0.030	0.11	PP01	F	T	W	NA
0.040	0.13	PP01	F	T	W	NA
0.040	0.13	PP01	F	T	W	NA
0.040	0.13	PP01	F	T	W	NA
0.40	1.4	PP01	F	T	W	NA
0.0010	0.0030	PP01	F	T	W	NA
0.00016	0.00053	PP01	F	T	W	NA
0.0031	0.0099	PP01	F	T	W	NA

0.0023	0.0077	PP01	F	T	W	NA
0.0010	0.0030	PP01	F	T	W	NA
0.0015	0.0049	PP01	F	T	W	NA
0.00050	0.0016	PP01	F	T	W	NA
0.000040	0.00013	PP01	F	T	W	NA
0.00070	0.0020	PP01	F	T	W	NA
0.00080	0.0020	PP01	F	T	W	NA
0.0010	0.0050	PP01	F	T	W	NA
0.0010	0.0060	PP01	F	T	W	NA
0.0020	0.0070	PP01	F	T	W	NA
0.0030	0.0090	PP01	F	T	W	NA
0.0060	0.022	PP01	F	T	W	NA
0.0070	0.027	PP01	F	T	W	NA
0.0080	0.029	PP01	F	T	W	NA
0.0080	0.029	PP01	F	T	W	NA
0.0080	0.030	PP01	F	T	W	NA
0.018	0.059	PP01	F	T	W	NA

09/13/19	Sample ID	Matrix	Top Depth	Bottom Depth	Date Collected	SDG
Analytical Program for Site 5						
	SIS5-SS01	SS	0.0	0.5	10/28/09	76144
	SIS5-SB01A	SB	15.0	17.0	11/03/09	76230
	SIS5-SB01B	SB	23.0	25.0	11/03/09	76230
SIS5-SB01A	Field Duplicate #4	SO	15.0	17.0	11/03/09	76230
Trip Blank	Trip Blank	SO	NA	NA	11/03/09	76230
	LF003-MW1	GW	22.65	37.65	12/07/09	76756
	LF003-MW-1	GW	22.65	37.65	02/11/10	77528
	LF003-MW2	GW	71.0	81.0	12/07/09	76756
	LF003-MW-2	GW	71.0	81.0	02/11/10	77528
LF003-MW2	DUP 1	GW	71.0	81.0	12/07/09	76756
Trip Blank	Trip Blank	GW	NA	NA	12/08/09	76756
Trip Blank	Trip Blank	GW	NA	NA	02/11/10	77528
Analytical Program for Sites 7, and 8						
	NBPAH-SS01	SS	0.0	0.5	10/30/09	76193
	NBPAH-SS02	SS	0.0	0.5	10/30/09	76193
	NBPAH-SS03	SS	0.0	0.5	10/30/09	76193
	NBPAH-SS04	SS	0.0	0.5	10/30/09	76193
	NBPAH-SS05	SS	0.0	0.5	10/30/09	76193
	NBPAH-SS06	SS	0.0	0.5	10/30/09	76193
	NBPAH-SS07	SS	0.0	0.5	10/29/09	76193
	NBPAH-SS08	SS	0.0	0.5	10/29/09	76193
	NBPAH-SS09	SS	0.0	0.5	10/29/09	76193
	NBPAH-SS010	SS	0.0	0.5	10/29/09	76193
	NBPAH-SS011	SS	0.0	0.5	10/29/09	76193
	NBPAH-SS012	SS	0.0	0.5	10/29/09	76193
	NBPAH-SS013	SS	0.0	0.5	10/29/09	76193
	NBPAH-SS014	SS	0.0	0.5	10/29/09	76193
	NBPAH-SS015	SS	0.0	0.5	10/29/09	76193
	NBPAH-SB01A	SB	1.5	2.0	10/30/09	76193
	NBPAH-SB02A	SB	1.5	2.0	10/30/09	76193
	NBPAH-SB03A	SB	1.5	2.0	10/30/09	76193
	NBPAH-SB04A	SB	1.5	2.0	10/30/09	76193
	NBPAH-SB05A	SB	1.5	2.0	10/30/09	76193
	NBPAH-SB06A	SB	1.5	2.0	10/30/09	76193
	NBPAH-SB07A	SB	1.5	2.0	10/29/09	76193
	NBPAH-SB08A	SB	1.5	2.0	10/29/09	76193
	NBPAH-SB09A	SB	1.5	2.0	10/29/09	76193
	NBPAH-SB10A	SB	1.5	2.0	10/29/09	76193

	NBPAH-SB11A	SB	1.5	2.0	10/29/09	76193
	NBPAH-SB12A	SB	1.5	2.0	10/29/09	76193
	NBPAH-SB13A	SB	1.5	2.0	10/29/09	76193
	NBPAH-SB14A	SB	1.5	2.0	10/29/09	76193
	NBPAH-SB15A	SB	1.5	2.0	10/29/09	76193
NBPAH-SB09A	Field Duplicate #1	SB	1.5	2.0	10/29/09	76193
NBPAH-SS012	Field Duplicate #2	SS	0.0	0.5	10/29/09	76193
NBPAH-SB06A	Field Duplicate #3	SB	1.5	2.0	10/30/09	76193
	SIS08-MW1	GW	81.0	101.0	12/08/09	76756
Analytical Program for Sites 9 and 10						
	SS008-MW1	GW	6.0	26.0	12/10/09	76803
	SS008-MW2	GW	11.5	26.5	12/10/09	76803
	PW-1	GW	174.0	176.0	12/11/09	76787
	PW-2	GW	174.0	176.0	12/11/09	76787
	SS008-MW3	GW	26.4	41.4	12/07/09	76756
	SS008-MW4	GW	82.0	102.0	12/07/09	76756
MS/MSD	SS008-MW-4	GW	82.0	102.0	02/11/10	77528
	Trip Blank	GW	NA	NA	12/10/09	76787
(If Needed)	Trip Blank	GW	NA	NA	Not Collected	
	SS009-MW1	GW	5.0	15.0	12/08/09	76756
	SS009-MW2	GW	5.9	20.9	12/10/09	76787
	PW-3	GW	125.0	127.0	12/11/09	76787
	SS009-MW3	GW	56.5	76.5	12/08/09	76756
	Trip Blank	GW	NA	NA		
Analytical Program for Site 18						
	SIS18-SW1	SW	NA	NA	Not Collected	
	SIS18-SW2	SW	NA	NA	11/23/09	76561
	SIS18-SW3	SW	NA	NA	11/23/09	76561
	SIS18-SW4	SW	NA	NA	11/23/09	76561
	SIS18-SW5	SW	NA	NA	11/23/09	76561
	SIS18-SW6	SW	NA	NA	11/23/09	76561
	SIS18-SW7	SW	NA	NA	11/23/09	76561
	SIS18-SW8	SW	NA	NA	11/23/09	76561
	SIS18-SW9	SW	NA	NA	11/23/09	76561
	SIS18-SW10	SW	NA	NA	11/23/09	76561
SIS18-SW2	SIS18-SW2 Dup	SW	NA	NA	11/23/09	76561
	SIS18-SD3	SD	0.0	0.5	11/23/09	76561
	SIS18-SD4	SD	0.0	0.5	11/23/09	76561
	SIS18-SD5	SD	0.0	0.5	11/23/09	76561
	SIS18-SD6	SD	0.0	0.5	11/23/09	76561
	SIS18-SD7	SD	0.0	0.5	11/23/09	76561
	SIS18-SD8	SD	0.0	0.5	11/23/09	76561
	SIS18-SD9	SD	0.0	0.5	11/23/09	76561
	SIS18-SD10	SD	0.0	0.5	11/23/09	76561

SIS18-SD8	SIS18-SD8 Dup	SD	0.0	0.5	11/23/09	76561
SIS18-SD9	SIS18-SD9 Dup	SD	0.0	0.5	11/23/09	76561
SIS18-SD10	SIS18-SD10 Dup	SD	0.0	0.5	11/23/09	76561
	SIS18-SS9	SS	0.0	0.5	11/23/09	76561
	SIS18-SS10	SS	0.0	0.5	11/23/09	76561
	SIS18-SS11	SS	0.0	0.5	11/23/09	76561
	SIS18-SS12	SS	0.0	0.5	11/23/09	76561
	SIS18-SS13	SS	0.0	0.5	11/23/09	76561
	SIS18-SB4C	SB	8.0	8.5	11/23/09	76561
	SIS18-SB4D	SB	9.0	9.5	11/23/09	76561
	SIS18-SB9A	SB	4.0	4.5	10/27/09	76144
	SIS18-SB9B	SB	7.0	7.5	11/24/09	76561
	SIS18-SB9C	SB	8.0	8.5	11/24/09	76561
	SIS18-SB9D	SB	9.0	9.5	11/24/09	76561
	SIS18-SB10A	SB	4.0	4.5	10/27/09	76144
	SIS18-SB10B	SB	7.0	7.5	11/24/09	76561
	SIS18-SB10C	SB	8.0	8.5	11/24/09	76561
	SIS18-SB10D	SB	9.0	9.5	11/24/09	76561
	SIS18-SB11A	SB	4.0	4.5	10/28/09	76144
	SIS18-SB11B	SB	7.0	7.5	11/24/09	76561
	SIS18-SB11C	SB	8.0	8.5	11/24/09	76561
	SIS18-SB11D	SB	9.0	9.5	11/24/09	76561
SIS18-SS9	SIS18-SS9 Dup	SS	0.0	0.5	11/23/09	76561
SIS18-SB9C	SIS18-SB9C Dup	SB	8.0	8.5	11/24/09	76561
	SIS18PZ2	GW	1.5	3.5	12/10/09	76787
SIS18PZ2	DUP 3	GW	1.5	3.5	12/10/09	76787
	SIS18PZ3	GW	1.25	3.25	12/11/09	76787
	SIS18-MW1	GW	51.0	61.0	12/08/09	76756
	SIS18-MW2	GW	11.5	21.5	12/14/09	76787
SIS18-MW2	SIS18-MW2 DUP	GW	11.5	21.5	12/14/09	76787
	SIS18-MW3	GW	51.0	71.0	12/08/09	76756
	SIS18-MW4	GW	21.0	31.0	12/08/09	76756
	SIS18-MW5	GW	20.5	30.5	12/08/09	76756
SS008-MW3	DUP 2	GW	26.4	41.4	12/07/09	76756
	Trip Blank	GW	NA	NA	Not Collected	
(If Needed)	Trip Blank	GW	NA	NA	Not Collected	
Analytical Program for Site Wide Rinse Blanks						
Groundwater	RB1-Pump	GW	NA	NA	12/10/09	76787
SS & SD	RB2-Auger	SS/SD	NA	NA	11/24/09	76561
SS & SD	RB3-Auger	SS/SD	NA	NA	Not Collected	
Subsurface Soil	RB4-Spoon	SB	NA	NA	11/24/09	76561
Analytical Program for Site Wide Investigative-Derived Waste						
	IDW-AQ1	AQ	NA	NA	12/14/09	76804
	IDW-AQ2	AQ	NA	NA	Not Collected	

	IDW-SO1	SO	NA	NA	12/14/09	76804
	IDW-SO2	SO	NA	NA	Not Collected	

Status Key:

P =	Proposed Sample to be Collected
L =	Lab Sample Analyses in Process
F =	Form 1 Received
R =	Data Package Received
V =	Validation in Process
C =	Validation Completed
EC =	ERPIMS Completed
A =	Added to Original Scope
NA =	Not Applicable
TBD=	To Be Determined

TAT =	14/30

[1]The NHDES TCL VOCs

[2]The waste characterizatic

NA = Not Applicable.

Hg = Mercury

Cu = Copper

TOC = Total Organic Car

Lab ID	Fax Due Date	Data Pkg. Due Date	Fax Date Received	Data Pkg. Date Rec.	TCL SVOC	Stat.	NHDES VOC[1]	Stat.	TCL PCBs
740714	11/12/09	11/30/09	11/18/09	11/25/09			1	C	
743342	11/18/09	12/04/09	11/18/09	11/30/09			1	C	
743343	11/18/09	12/04/09	11/18/09	11/30/09			1	C	
743344	11/18/09	12/04/09	11/18/09	11/30/09			1	C	
743345	11/18/09	12/04/09	11/18/09	11/30/09			1	C	
754740	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
770686	02/26/10	03/15/10	02/22/10	03/05/10			1	C	
754734	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
770692	02/26/10	03/15/10	02/22/10	03/05/10			1	C	
754733	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
754739	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
770716	02/26/10	03/15/10	02/22/10	03/05/10			1	C	
741708	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741710	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741706	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741704	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741700	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741702	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741665	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741663	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741652	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741667	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741669	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741671	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741688	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741686	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741684	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741709	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741711	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741707	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741705	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741701	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741703	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741666	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741664	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741662	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741668	11/16/09	12/02/09	11/24/09	11/30/09	1	C			

741670	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741672	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741689	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741687	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741685	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741712	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741713	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
741714	11/16/09	12/02/09	11/24/09	11/30/09	1	C			
754730	12/24/09	01/04/10	01/04/10	01/11/10			1	C	

755403	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
755404	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
755409	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
755410	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
754732	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
754741	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
770693	02/26/10	03/15/10	02/22/10	03/05/10			1	C	
755411	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
							1	P	
754729	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
755386	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
755408	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
754660	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
							1	P	

751331	12/11/09	12/18/09	12/15/09	12/21/09					
751328	12/11/09	12/18/09	12/15/09	12/21/09					
751333	12/11/09	12/18/09	12/15/09	12/21/09					
751320	12/11/09	12/18/09	12/15/09	12/21/09					
751334	12/11/09	12/18/09	12/15/09	12/21/09					
751339	12/11/09	12/18/09	12/15/09	12/21/09					
751323	12/11/09	12/18/09	12/15/09	12/21/09					
751341	12/11/09	12/18/09	12/15/09	12/21/09					
751345	12/11/09	12/18/09	12/15/09	12/21/09					
751332	12/11/09	12/18/09	12/15/09	12/21/09					
751329	12/11/09	12/18/09	12/15/09	12/21/09					
751338	12/11/09	12/18/09	12/15/09	12/21/09					
751321	12/11/09	12/18/09	12/15/09	12/21/09					
751336	12/11/09	12/18/09	12/15/09	12/21/09					
751340	12/11/09	12/18/09	12/15/09	12/21/09					
751326	12/11/09	12/18/09	12/15/09	12/21/09					1
751343	12/11/09	12/18/09	12/15/09	12/21/09					1
751346	12/11/09	12/18/09	12/15/09	12/21/09					1

751327	12/11/09	12/18/09	12/15/09	12/21/09					
751344	12/11/09	12/18/09	12/15/09	12/21/09					
751347	12/11/09	12/18/09	12/15/09	12/21/09					1
751351	12/11/09	12/18/09	12/15/09	12/21/09					1
751353	12/11/09	12/18/09	12/15/09	12/21/09					1
751349	12/11/09	12/18/09	12/15/09	12/21/09					1
751350	12/11/09	12/18/09	12/15/09	12/21/09					1
751348	12/11/09	12/18/09	12/15/09	12/21/09					1
751354	12/11/09	12/18/09	12/15/09	12/21/09					1
751355	12/11/09	12/18/09	12/15/09	12/21/09					1
740704	11/12/09	11/30/09	11/18/09	11/25/09					1
751356	12/11/09	12/18/09	12/15/09	12/21/09					1
751357	12/11/09	12/18/09	12/15/09	12/21/09					1
751358	12/11/09	12/18/09	12/15/09	12/21/09					1
740708	11/12/09	11/30/09	11/18/09	11/25/09					1
751360	12/11/09	12/18/09	12/15/09	12/21/09					1
751361	12/11/09	12/18/09	12/15/09	12/21/09					1
751362	12/11/09	12/18/09	12/15/09	12/21/09					1
740709	11/12/09	11/30/09	11/18/09	11/25/09					1
751363	12/11/09	12/18/09	12/15/09	12/21/09					1
751364	12/11/09	12/18/09	12/15/09	12/21/09					1
751365	12/11/09	12/18/09	12/15/09	12/21/09					1
751352	12/11/09	12/18/09	12/15/09	12/21/09					1
751359	12/11/09	12/18/09	12/15/09	12/21/09					1
755406	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
755402	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
755407	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
754736	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
755778	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
755779	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
754738	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
754731	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
754737	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
754735	12/24/09	01/04/10	01/04/10	01/11/10			1	C	
							1	P	
							1	P	

755405	12/28/09	01/06/10	01/05/10	01/11/10			1	C	
751366	12/11/09	12/18/09	12/15/09	12/21/09	1	C	1	C	1
					1	P			
751367	12/11/09	12/18/09	12/15/09	12/21/09	1	C	1	C	1

755783	12/30/09	01/07/10	01/20/10	01/20/10					

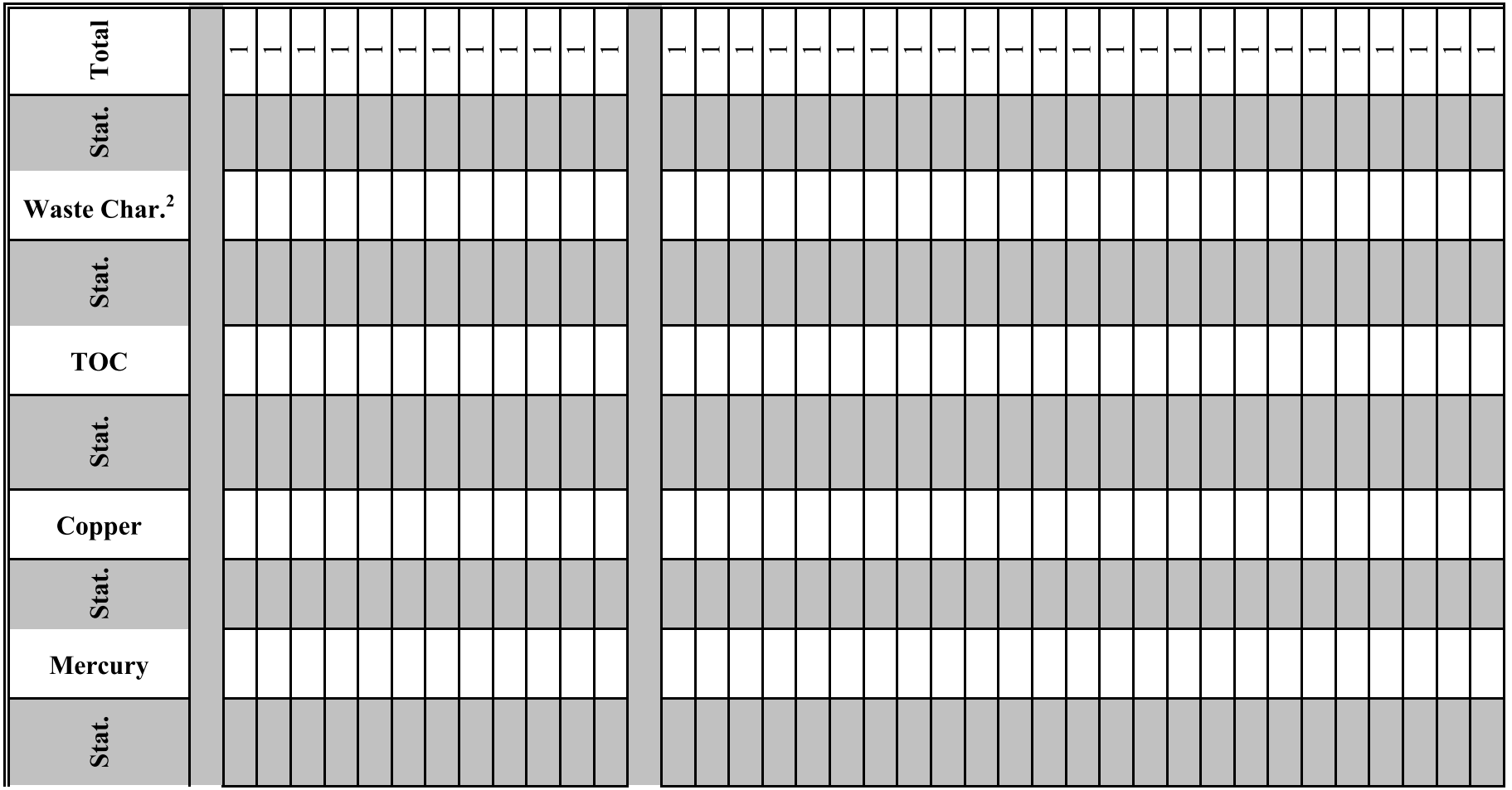
755784	12/30/09	01/07/10	01/20/10	01/20/10					
				TOTALS	36		42		27

Days

; includes methods 8260B, 8260B SIM for 1,4-dioxane, and 8011 for EDB and DBCP.

on parameters include TCLP VOCs, TCLP SVOCs, TCLP Metals, Flashpoint, Cyanide, Sulfide, and

bon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	16		18		4		4		147

Corrosivity as pH.

SAMPNUMB	PARAMETER	VALUE	UNITS	LABQUAL	DVQUAL	DETECT_LIM
LF003-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
LF003-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
LF003-MW1	1,1,1,2-Tetrachloroethane	8.0	ug/L	U	U	0.22
LF003-MW1	1,1,1-Trichloroethane	8.0	ug/L	U	U	0.18
LF003-MW1	1,1,2,2-Tetrachloroethane	8.0	ug/L	U	U	0.34
LF003-MW1	1,1,2-Trichloroethane	8.0	ug/L	U	U	0.30
LF003-MW1	1,1-Dichloroethane	8.0	ug/L	U	U	0.42
LF003-MW1	1,1-Dichloroethene	8.0	ug/L	U	U	0.80
LF003-MW1	1,1-Dichloropropene	8.0	ug/L	U	U	0.24
LF003-MW1	1,2,3-Trichlorobenzene	8.0	ug/L	U	U	0.80
LF003-MW1	1,2,3-Trichloropropane	8.0	ug/L	U	U	0.54
LF003-MW1	1,2,4-Trichlorobenzene	8.0	ug/L	U	U	0.80
LF003-MW1	1,2,4-Trimethylbenzene	200	ug/L			0.58
LF003-MW1	1,2-Dichlorobenzene	8.0	ug/L	U	U	0.50
LF003-MW1	1,2-Dichloroethane	8.0	ug/L	U	U	0.30
LF003-MW1	1,2-Dichloropropane	8.0	ug/L	U	U	0.24
LF003-MW1	1,3,5-Trichlorobenzene	5.0	ug/L	UV	U	1.5
LF003-MW1	1,3,5-Trimethylbenzene	71	ug/L			0.48
LF003-MW1	1,3-Dichlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1	1,3-Dichloropropane	8.0	ug/L	U	U	0.40
LF003-MW1	1,4-Dichlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1	1-Chlorohexane	8.0	ug/L	U	U	0.80
LF003-MW1	2,2-Dichloropropane	8.0	ug/L	U	U	0.38
LF003-MW1	2-Butanone	40	ug/L	U	U	10
LF003-MW1	2-Chlorotoluene	8.0	ug/L	U	U	0.60
LF003-MW1	2-Hexanone	80	ug/L	U	U	2.4
LF003-MW1	4-Chlorotoluene	8.0	ug/L	U	U	0.60
LF003-MW1	4-Methyl-2-pentanone	80	ug/L	U	U	3.6
LF003-MW1	Acetone	80	ug/L	U	U	20
LF003-MW1	Benzene	8.0	ug/L	U	U	0.16
LF003-MW1	Bromobenzene	8.0	ug/L	U	U	0.52
LF003-MW1	Bromochloromethane	8.0	ug/L	U	U	0.60
LF003-MW1	Bromodichloromethane	8.0	ug/L	U	U	0.32
LF003-MW1	Bromoform	8.0	ug/L	U	U	0.38
LF003-MW1	Bromomethane	8.0	ug/L	U	U	0.76
LF003-MW1	Carbon disulfide	16	ug/L	U	U	1.4
LF003-MW1	Carbon tetrachloride	8.0	ug/L	U	U	0.36
LF003-MW1	Chlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1	Chloroethane	8.0	ug/L	U	U	1.4
LF003-MW1	Chloroform	0.55	ug/L	J	J	0.20
LF003-MW1	Chloromethane	8.0	ug/L	U	U	0.52
LF003-MW1	cis-1,2-Dichloroethene	8.0	ug/L	U	U	0.44
LF003-MW1	cis-1,3-Dichloropropene	8.0	ug/L	U	U	0.24
LF003-MW1	Dibromochloromethane	8.0	ug/L	U	U	0.36
LF003-MW1	Dibromomethane	8.0	ug/L	U	U	0.20
LF003-MW1	Dichlorodifluoromethane	4.0	ug/L	U	U	0.26
LF003-MW1	Diisopropyl ether	8.0	ug/L	U	U	0.80
LF003-MW1	Ethyl ether	5.0	ug/L	UV	U	1.1
LF003-MW1	Ethylbenzene	1.9	ug/L	J	J	0.54
LF003-MW1	Hexachlorobutadiene	8.0	ug/L	U	U	0.60
LF003-MW1	Isopropylbenzene	10	ug/L			0.52

LF003-MW1	m,p-Xylenes	14	ug/L	J	J	1.2
LF003-MW1	Methyl tert-butyl ether	8.0	ug/L	U	U	0.50
LF003-MW1	Methylene chloride	8.0	ug/L	U	UJ	4.0
LF003-MW1	Naphthalene	9.8	ug/L			0.80
LF003-MW1	n-Butylbenzene	49	ug/L			0.54
LF003-MW1	n-Propylbenzene	43	ug/L			0.60
LF003-MW1	o-Xylene	11	ug/L			0.52
LF003-MW1	p-Isopropyltoluene	3.9	ug/L	J	J	0.50
LF003-MW1	sec-Butylbenzene	11	ug/L			0.48
LF003-MW1	Styrene	8.0	ug/L	U	U	0.48
LF003-MW1	Tert-amyl methyl ether	5.0	ug/L	UV	U	0.70
LF003-MW1	Tert-Butyl Alcohol	100	ug/L	UV	R	35
LF003-MW1	Tert-butyl ethyl ether	5.0	ug/L	UV	U	0.55
LF003-MW1	tert-Butylbenzene	8.0	ug/L	U	U	0.52
LF003-MW1	Tetrachloroethene	8.0	ug/L	U	U	0.20
LF003-MW1	Tetrahydrofuran	80	ug/L	U	R	6.0
LF003-MW1	Toluene	8.0	ug/L	U	U	0.22
LF003-MW1	trans-1,2-Dichloroethene	8.0	ug/L	U	U	0.52
LF003-MW1	trans-1,3-Dichloropropene	8.0	ug/L	U	U	0.28
LF003-MW1	Trichloroethene	8.0	ug/L	U	U	0.40
LF003-MW1	Trichlorofluoromethane	4.0	ug/L	U	U	0.44
LF003-MW1	Vinyl chloride	4.0	ug/L	U	U	0.38
LF003-MW1	1,4-Dioxane	1.0	ug/L	U	UJ	1.0
LF003-MW1 DUPE	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
LF003-MW1 DUPE	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
LF003-MW1 DUPE	1,1,1,2-Tetrachloroethane	8.0	ug/L	U	U	0.22
LF003-MW1 DUPE	1,1,1-Trichloroethane	8.0	ug/L	U	U	0.18
LF003-MW1 DUPE	1,1,2,2-Tetrachloroethane	8.0	ug/L	U	U	0.34
LF003-MW1 DUPE	1,1,2-Trichloroethane	8.0	ug/L	U	U	0.30
LF003-MW1 DUPE	1,1-Dichloroethane	8.0	ug/L	U	U	0.42
LF003-MW1 DUPE	1,1-Dichloroethene	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	1,1-Dichloropropene	8.0	ug/L	U	U	0.24
LF003-MW1 DUPE	1,2,3-Trichlorobenzene	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	1,2,3-Trichloropropane	8.0	ug/L	U	U	0.54
LF003-MW1 DUPE	1,2,4-Trichlorobenzene	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	1,2,4-Trimethylbenzene	200	ug/L			0.58
LF003-MW1 DUPE	1,2-Dichlorobenzene	8.0	ug/L	U	U	0.50
LF003-MW1 DUPE	1,2-Dichloroethane	8.0	ug/L	U	U	0.30
LF003-MW1 DUPE	1,2-Dichloropropane	8.0	ug/L	U	U	0.24
LF003-MW1 DUPE	1,3,5-Trichlorobenzene	5.0	ug/L	UV	U	1.5
LF003-MW1 DUPE	1,3,5-Trimethylbenzene	74	ug/L			0.48
LF003-MW1 DUPE	1,3-Dichlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	1,3-Dichloropropane	8.0	ug/L	U	U	0.40
LF003-MW1 DUPE	1,4-Dichlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	1-Chlorohexane	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	2,2-Dichloropropane	8.0	ug/L	U	U	0.38
LF003-MW1 DUPE	2-Butanone	40	ug/L	U	U	10
LF003-MW1 DUPE	2-Chlorotoluene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	2-Hexanone	80	ug/L	U	U	2.4
LF003-MW1 DUPE	4-Chlorotoluene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	4-Methyl-2-pentanone	80	ug/L	U	U	3.6
LF003-MW1 DUPE	Acetone	61	ug/L	J	U	20

LF003-MW1 DUPE	Benzene	8.0	ug/L	U	U	0.16
LF003-MW1 DUPE	Bromobenzene	8.0	ug/L	U	U	0.52
LF003-MW1 DUPE	Bromochloromethane	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	Bromodichloromethane	8.0	ug/L	U	U	0.32
LF003-MW1 DUPE	Bromoform	8.0	ug/L	U	U	0.38
LF003-MW1 DUPE	Bromomethane	8.0	ug/L	U	U	0.76
LF003-MW1 DUPE	Carbon disulfide	16	ug/L	U	U	1.4
LF003-MW1 DUPE	Carbon tetrachloride	8.0	ug/L	U	U	0.36
LF003-MW1 DUPE	Chlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	Chloroethane	8.0	ug/L	U	U	1.4
LF003-MW1 DUPE	Chloroform	8.0	ug/L	U	U	0.20
LF003-MW1 DUPE	Chloromethane	8.0	ug/L	U	U	0.52
LF003-MW1 DUPE	cis-1,2-Dichloroethene	8.0	ug/L	U	U	0.44
LF003-MW1 DUPE	cis-1,3-Dichloropropene	8.0	ug/L	U	U	0.24
LF003-MW1 DUPE	Dibromochloromethane	8.0	ug/L	U	U	0.36
LF003-MW1 DUPE	Dibromomethane	8.0	ug/L	U	U	0.20
LF003-MW1 DUPE	Dichlorodifluoromethane	4.0	ug/L	U	U	0.26
LF003-MW1 DUPE	Diisopropyl ether	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	Ethyl ether	5.0	ug/L	UV	U	1.1
LF003-MW1 DUPE	Ethylbenzene	1.9	ug/L	J	J	0.54
LF003-MW1 DUPE	Hexachlorobutadiene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	Isopropylbenzene	11	ug/L			0.52
LF003-MW1 DUPE	m,p-Xylenes	14	ug/L	J	J	1.2
LF003-MW1 DUPE	Methyl tert-butyl ether	8.0	ug/L	U	U	0.50
LF003-MW1 DUPE	Methylene chloride	15	ug/L		J	4.0
LF003-MW1 DUPE	Naphthalene	8.6	ug/L			0.80
LF003-MW1 DUPE	n-Butylbenzene	47	ug/L			0.54
LF003-MW1 DUPE	n-Propylbenzene	44	ug/L			0.60
LF003-MW1 DUPE	o-Xylene	12	ug/L			0.52
LF003-MW1 DUPE	p-Isopropyltoluene	3.8	ug/L	J	J	0.50
LF003-MW1 DUPE	sec-Butylbenzene	11	ug/L			0.48
LF003-MW1 DUPE	Styrene	8.0	ug/L	U	U	0.48
LF003-MW1 DUPE	Tert-amyl methyl ether	5.0	ug/L	UV	U	0.70
LF003-MW1 DUPE	Tert-Butyl Alcohol	100	ug/L	UV	R	35
LF003-MW1 DUPE	Tert-butyl ethyl ether	5.0	ug/L	UV	U	0.55
LF003-MW1 DUPE	tert-Butylbenzene	0.52	ug/L	J	J	0.52
LF003-MW1 DUPE	Tetrachloroethene	8.0	ug/L	U	U	0.20
LF003-MW1 DUPE	Tetrahydrofuran	80	ug/L	U	R	6.0
LF003-MW1 DUPE	Toluene	8.0	ug/L	U	U	0.22
LF003-MW1 DUPE	trans-1,2-Dichloroethene	8.0	ug/L	U	U	0.52
LF003-MW1 DUPE	trans-1,3-Dichloropropene	8.0	ug/L	U	U	0.28
LF003-MW1 DUPE	Trichloroethene	8.0	ug/L	U	U	0.40
LF003-MW1 DUPE	Trichlorofluoromethane	4.0	ug/L	U	U	0.44
LF003-MW1 DUPE	Vinyl chloride	4.0	ug/L	U	U	0.38
LF003-MW1 DUPE	1,4-Dioxane	23.4	ug/L		J	1.0
LF003-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
LF003-MW2	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
LF003-MW2	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
LF003-MW2	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
LF003-MW2	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
LF003-MW2	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
LF003-MW2	1,1-Dichloroethane	0.40	ug/L	U	U	0.021

LF003-MW2	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
LF003-MW2	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
LF003-MW2	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
LF003-MW2	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
LF003-MW2	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
LF003-MW2	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
LF003-MW2	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
LF003-MW2	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
LF003-MW2	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
LF003-MW2	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
LF003-MW2	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
LF003-MW2	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
LF003-MW2	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
LF003-MW2	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
LF003-MW2	1-Chlorohexane	0.40	ug/L	U	U	0.040
LF003-MW2	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
LF003-MW2	2-Butanone	2.0	ug/L	U	R	0.50
LF003-MW2	2-Chlorotoluene	0.40	ug/L	U	U	0.030
LF003-MW2	2-Hexanone	4.0	ug/L	U	U	0.12
LF003-MW2	4-Chlorotoluene	0.40	ug/L	U	U	0.030
LF003-MW2	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
LF003-MW2	Acetone	4.0	ug/L	U	UJ	1.0
LF003-MW2	Benzene	0.40	ug/L	U	U	0.0080
LF003-MW2	Bromobenzene	0.40	ug/L	U	U	0.026
LF003-MW2	Bromochloromethane	0.40	ug/L	U	U	0.030
LF003-MW2	Bromodichloromethane	0.40	ug/L	U	U	0.016
LF003-MW2	Bromoform	0.40	ug/L	U	U	0.019
LF003-MW2	Bromomethane	0.40	ug/L	U	UJ	0.038
LF003-MW2	Carbon disulfide	0.80	ug/L	U	U	0.070
LF003-MW2	Carbon tetrachloride	0.40	ug/L	U	U	0.018
LF003-MW2	Chlorobenzene	0.40	ug/L	U	U	0.030
LF003-MW2	Chloroethane	0.40	ug/L	U	U	0.070
LF003-MW2	Chloroform	0.40	ug/L	U	U	0.010
LF003-MW2	Chloromethane	0.085	ug/L	J	U	0.026
LF003-MW2	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
LF003-MW2	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
LF003-MW2	Dibromochloromethane	0.40	ug/L	U	U	0.018
LF003-MW2	Dibromomethane	0.40	ug/L	U	U	0.010
LF003-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
LF003-MW2	Diisopropyl ether	0.40	ug/L	U	U	0.040
LF003-MW2	Ethyl ether	1.0	ug/L	U	U	0.22
LF003-MW2	Ethylbenzene	0.40	ug/L	U	U	0.027
LF003-MW2	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
LF003-MW2	Isopropylbenzene	0.40	ug/L	U	U	0.026
LF003-MW2	m,p-Xylenes	0.80	ug/L	U	U	0.060
LF003-MW2	Methyl tert-butyl ether	3.5	ug/L			0.025
LF003-MW2	Methylene chloride	0.40	ug/L	U	UJ	0.20
LF003-MW2	Naphthalene	0.40	ug/L	U	U	0.040
LF003-MW2	n-Butylbenzene	0.40	ug/L	U	U	0.027
LF003-MW2	n-Propylbenzene	0.40	ug/L	U	U	0.030
LF003-MW2	o-Xylene	0.40	ug/L	U	U	0.026
LF003-MW2	p-Isopropyltoluene	0.40	ug/L	U	U	0.025

LF003-MW2	sec-Butylbenzene	0.40	ug/L	U	U	0.024
LF003-MW2	Styrene	0.40	ug/L	U	U	0.024
LF003-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
LF003-MW2	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
LF003-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
LF003-MW2	tert-Butylbenzene	0.40	ug/L	U	U	0.026
LF003-MW2	Tetrachloroethene	0.40	ug/L	U	U	0.010
LF003-MW2	Tetrahydrofuran	4.0	ug/L	U	R	0.30
LF003-MW2	Toluene	0.40	ug/L	U	U	0.011
LF003-MW2	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
LF003-MW2	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
LF003-MW2	Trichloroethene	0.40	ug/L	U	U	0.020
LF003-MW2	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
LF003-MW2	Vinyl chloride	0.20	ug/L	U	U	0.019
LF003-MW2	1,4-Dioxane	1.0	ug/L	U	U	1.0
RINSE BLANK-1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
RINSE BLANK-1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
RINSE BLANK-1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
RINSE BLANK-1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
RINSE BLANK-1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
RINSE BLANK-1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
RINSE BLANK-1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
RINSE BLANK-1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
RINSE BLANK-1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
RINSE BLANK-1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
RINSE BLANK-1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
RINSE BLANK-1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
RINSE BLANK-1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
RINSE BLANK-1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
RINSE BLANK-1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
RINSE BLANK-1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
RINSE BLANK-1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
RINSE BLANK-1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
RINSE BLANK-1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
RINSE BLANK-1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	1-Chlorohexane	0.40	ug/L	U	U	0.040
RINSE BLANK-1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
RINSE BLANK-1	2-Butanone	1.5	ug/L	J	J	0.50
RINSE BLANK-1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	2-Hexanone	4.0	ug/L	U	U	0.12
RINSE BLANK-1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
RINSE BLANK-1	Acetone	10	ug/L			1.0
RINSE BLANK-1	Benzene	0.40	ug/L	U	U	0.0080
RINSE BLANK-1	Bromobenzene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	Bromochloromethane	0.40	ug/L	U	U	0.030
RINSE BLANK-1	Bromodichloromethane	0.40	ug/L	U	U	0.016
RINSE BLANK-1	Bromoform	0.40	ug/L	U	U	0.019
RINSE BLANK-1	Bromomethane	0.40	ug/L	U	U	0.038
RINSE BLANK-1	Carbon disulfide	0.80	ug/L	U	U	0.070
RINSE BLANK-1	Carbon tetrachloride	0.40	ug/L	U	U	0.018

RINSE BLANK-1	Chlorobenzene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	Chloroethane	0.40	ug/L	U	U	0.070
RINSE BLANK-1	Chloroform	0.40	ug/L	U	U	0.010
RINSE BLANK-1	Chloromethane	0.064	ug/L	J	J	0.026
RINSE BLANK-1	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
RINSE BLANK-1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
RINSE BLANK-1	Dibromochloromethane	0.40	ug/L	U	U	0.018
RINSE BLANK-1	Dibromomethane	0.40	ug/L	U	U	0.010
RINSE BLANK-1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
RINSE BLANK-1	Diisopropyl ether	0.40	ug/L	U	U	0.040
RINSE BLANK-1	Ethyl ether	23	ug/L			0.22
RINSE BLANK-1	Ethylbenzene	0.40	ug/L	U	U	0.027
RINSE BLANK-1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	Isopropylbenzene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	m,p-Xylenes	0.80	ug/L	U	U	0.060
RINSE BLANK-1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
RINSE BLANK-1	Methylene chloride	0.40	ug/L	U	UJ	0.20
RINSE BLANK-1	Naphthalene	0.40	ug/L	U	U	0.040
RINSE BLANK-1	n-Butylbenzene	0.40	ug/L	U	U	0.027
RINSE BLANK-1	n-Propylbenzene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	o-Xylene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
RINSE BLANK-1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
RINSE BLANK-1	Styrene	0.40	ug/L	U	U	0.024
RINSE BLANK-1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
RINSE BLANK-1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
RINSE BLANK-1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
RINSE BLANK-1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	Tetrachloroethene	0.40	ug/L	U	U	0.010
RINSE BLANK-1	Tetrahydrofuran	7.0	ug/L		J	0.30
RINSE BLANK-1	Toluene	0.20	ug/L	J	J	0.011
RINSE BLANK-1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
RINSE BLANK-1	Trichloroethene	0.40	ug/L	U	U	0.020
RINSE BLANK-1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
RINSE BLANK-1	Vinyl chloride	0.20	ug/L	U	U	0.019
RINSE BLANK-1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS08-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS08-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS08-MW1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS08-MW1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS08-MW1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS08-MW1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS08-MW1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS08-MW1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS08-MW1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SIS08-MW1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS08-MW1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS08-MW1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS08-MW1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS08-MW1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS08-MW1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015

SIS08-MW1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS08-MW1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS08-MW1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS08-MW1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS08-MW1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS08-MW1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS08-MW1	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS08-MW1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SIS08-MW1	2-Butanone	2.0	ug/L	U	U	0.50
SIS08-MW1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS08-MW1	2-Hexanone	4.0	ug/L	U	U	0.12
SIS08-MW1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS08-MW1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS08-MW1	Acetone	4.0	ug/L	U	U	1.0
SIS08-MW1	Benzene	0.40	ug/L	U	U	0.0080
SIS08-MW1	Bromobenzene	0.40	ug/L	U	U	0.026
SIS08-MW1	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS08-MW1	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS08-MW1	Bromoform	0.40	ug/L	U	U	0.019
SIS08-MW1	Bromomethane	0.40	ug/L	U	U	0.038
SIS08-MW1	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS08-MW1	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS08-MW1	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS08-MW1	Chloroethane	0.40	ug/L	U	U	0.070
SIS08-MW1	Chloroform	0.40	ug/L	U	U	0.010
SIS08-MW1	Chloromethane	0.40	ug/L	U	U	0.026
SIS08-MW1	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SIS08-MW1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS08-MW1	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS08-MW1	Dibromomethane	0.40	ug/L	U	U	0.010
SIS08-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS08-MW1	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS08-MW1	Ethyl ether	1.0	ug/L	U	U	0.22
SIS08-MW1	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS08-MW1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS08-MW1	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS08-MW1	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS08-MW1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SIS08-MW1	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS08-MW1	Naphthalene	0.40	ug/L	U	U	0.040
SIS08-MW1	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS08-MW1	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS08-MW1	o-Xylene	0.40	ug/L	U	U	0.026
SIS08-MW1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS08-MW1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS08-MW1	Styrene	0.40	ug/L	U	U	0.024
SIS08-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS08-MW1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS08-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS08-MW1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS08-MW1	Tetrachloroethene	0.40	ug/L	U	U	0.010
SIS08-MW1	Tetrahydrofuran	4.0	ug/L	U	R	0.30

SIS08-MW1	Toluene	0.15	ug/L	J	U	0.011
SIS08-MW1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS08-MW1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS08-MW1	Trichloroethene	0.40	ug/L	U	U	0.020
SIS08-MW1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS08-MW1	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS08-MW1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18- MW5	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS18- MW5	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18- MW5	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS18- MW5	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS18- MW5	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS18- MW5	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS18- MW5	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS18- MW5	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS18- MW5	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18- MW5	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18- MW5	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS18- MW5	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18- MW5	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS18- MW5	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS18- MW5	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SIS18- MW5	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS18- MW5	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18- MW5	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS18- MW5	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18- MW5	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS18- MW5	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18- MW5	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS18- MW5	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SIS18- MW5	2-Butanone	2.0	ug/L	U	R	0.50
SIS18- MW5	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18- MW5	2-Hexanone	4.0	ug/L	U	U	0.12
SIS18- MW5	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18- MW5	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS18- MW5	Acetone	4.0	ug/L	U	UJ	1.0
SIS18- MW5	Benzene	0.40	ug/L	U	U	0.0080
SIS18- MW5	Bromobenzene	0.40	ug/L	U	U	0.026
SIS18- MW5	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS18- MW5	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS18- MW5	Bromoform	0.40	ug/L	U	U	0.019
SIS18- MW5	Bromomethane	0.40	ug/L	U	UJ	0.038
SIS18- MW5	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS18- MW5	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS18- MW5	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS18- MW5	Chloroethane	0.40	ug/L	U	U	0.070
SIS18- MW5	Chloroform	0.40	ug/L	U	U	0.010
SIS18- MW5	Chloromethane	0.40	ug/L	U	U	0.026
SIS18- MW5	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SIS18- MW5	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18- MW5	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS18- MW5	Dibromomethane	0.40	ug/L	U	U	0.010

SIS18- MW5	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS18- MW5	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS18- MW5	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18- MW5	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS18- MW5	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS18- MW5	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS18- MW5	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS18- MW5	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SIS18- MW5	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18- MW5	Naphthalene	0.40	ug/L	U	U	0.040
SIS18- MW5	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS18- MW5	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS18- MW5	o-Xylene	0.40	ug/L	U	U	0.026
SIS18- MW5	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS18- MW5	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS18- MW5	Styrene	0.40	ug/L	U	U	0.024
SIS18- MW5	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18- MW5	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18- MW5	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18- MW5	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS18- MW5	Tetrachloroethene	0.067	ug/L	J	J	0.010
SIS18- MW5	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18- MW5	Toluene	0.40	ug/L	U	U	0.011
SIS18- MW5	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS18- MW5	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS18- MW5	Trichloroethene	0.40	ug/L	U	U	0.020
SIS18- MW5	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS18- MW5	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS18- MW5	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS18-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18-MW1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS18-MW1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS18-MW1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS18-MW1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS18-MW1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS18-MW1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS18-MW1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS18-MW1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS18-MW1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS18-MW1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18-MW1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS18-MW1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW1	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS18-MW1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019

SIS18-MW1	2-Butanone	2.0	ug/L	U	R	0.50
SIS18-MW1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW1	2-Hexanone	4.0	ug/L	U	U	0.12
SIS18-MW1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS18-MW1	Acetone	4.0	ug/L	U	UJ	1.0
SIS18-MW1	Benzene	0.40	ug/L	U	U	0.0080
SIS18-MW1	Bromobenzene	0.40	ug/L	U	U	0.026
SIS18-MW1	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS18-MW1	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS18-MW1	Bromoform	0.40	ug/L	U	U	0.019
SIS18-MW1	Bromomethane	0.40	ug/L	U	UJ	0.038
SIS18-MW1	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS18-MW1	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS18-MW1	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW1	Chloroethane	0.40	ug/L	U	U	0.070
SIS18-MW1	Chloroform	0.024	ug/L	J	J	0.010
SIS18-MW1	Chloromethane	0.14	ug/L	J	U	0.026
SIS18-MW1	cis-1,2-Dichloroethene	0.42	ug/L			0.022
SIS18-MW1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW1	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS18-MW1	Dibromomethane	0.40	ug/L	U	U	0.010
SIS18-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS18-MW1	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS18-MW1	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18-MW1	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS18-MW1	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW1	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS18-MW1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SIS18-MW1	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18-MW1	Naphthalene	0.40	ug/L	U	U	0.040
SIS18-MW1	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW1	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS18-MW1	o-Xylene	0.40	ug/L	U	U	0.026
SIS18-MW1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS18-MW1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW1	Styrene	0.40	ug/L	U	U	0.024
SIS18-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18-MW1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18-MW1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW1	Tetrachloroethene	0.35	ug/L	J	J	0.010
SIS18-MW1	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18-MW1	Toluene	0.091	ug/L	J	U	0.011
SIS18-MW1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS18-MW1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS18-MW1	Trichloroethene	0.79	ug/L			0.020
SIS18-MW1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS18-MW1	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS18-MW1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030

SIS18-MW2	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18-MW2	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS18-MW2	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS18-MW2	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS18-MW2	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW2	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS18-MW2	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS18-MW2	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW2	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW2	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS18-MW2	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW2	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS18-MW2	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS18-MW2	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW2	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS18-MW2	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18-MW2	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW2	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW2	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS18-MW2	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW2	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS18-MW2	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SIS18-MW2	2-Butanone	2.0	ug/L	U	U	0.50
SIS18-MW2	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW2	2-Hexanone	4.0	ug/L	U	U	0.12
SIS18-MW2	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW2	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS18-MW2	Acetone	4.0	ug/L	U	U	1.0
SIS18-MW2	Benzene	0.40	ug/L	U	U	0.0080
SIS18-MW2	Bromobenzene	0.40	ug/L	U	U	0.026
SIS18-MW2	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS18-MW2	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS18-MW2	Bromoform	0.40	ug/L	U	U	0.019
SIS18-MW2	Bromomethane	0.40	ug/L	U	U	0.038
SIS18-MW2	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS18-MW2	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS18-MW2	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW2	Chloroethane	0.40	ug/L	U	U	0.070
SIS18-MW2	Chloroform	0.40	ug/L	U	U	0.010
SIS18-MW2	Chloromethane	0.067	ug/L	J	U	0.026
SIS18-MW2	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SIS18-MW2	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW2	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS18-MW2	Dibromomethane	0.40	ug/L	U	U	0.010
SIS18-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS18-MW2	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS18-MW2	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18-MW2	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW2	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS18-MW2	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW2	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS18-MW2	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025

SIS18-MW2	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18-MW2	Naphthalene	0.40	ug/L	U	U	0.040
SIS18-MW2	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW2	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS18-MW2	o-Xylene	0.40	ug/L	U	U	0.026
SIS18-MW2	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS18-MW2	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW2	Styrene	0.40	ug/L	U	U	0.024
SIS18-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18-MW2	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18-MW2	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW2	Tetrachloroethene	0.40	ug/L	U	U	0.010
SIS18-MW2	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18-MW2	Toluene	0.40	ug/L	U	U	0.011
SIS18-MW2	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS18-MW2	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS18-MW2	Trichloroethene	0.40	ug/L	U	U	0.020
SIS18-MW2	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS18-MW2	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS18-MW2	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18-MW3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS18-MW3	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18-MW3	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	UJ	0.011
SIS18-MW3	1,1,1-Trichloroethane	0.40	ug/L	U	UJ	0.0090
SIS18-MW3	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	UJ	0.017
SIS18-MW3	1,1,2-Trichloroethane	0.40	ug/L	U	UJ	0.015
SIS18-MW3	1,1-Dichloroethane	0.40	ug/L	U	UJ	0.021
SIS18-MW3	1,1-Dichloroethene	0.40	ug/L	U	UJ	0.040
SIS18-MW3	1,1-Dichloropropene	0.40	ug/L	U	UJ	0.012
SIS18-MW3	1,2,3-Trichlorobenzene	0.40	ug/L	U	UJ	0.040
SIS18-MW3	1,2,3-Trichloropropane	0.40	ug/L	U	UJ	0.027
SIS18-MW3	1,2,4-Trichlorobenzene	0.40	ug/L	U	UJ	0.040
SIS18-MW3	1,2,4-Trimethylbenzene	0.40	ug/L	U	UJ	0.029
SIS18-MW3	1,2-Dichlorobenzene	0.40	ug/L	U	UJ	0.025
SIS18-MW3	1,2-Dichloroethane	0.40	ug/L	U	UJ	0.015
SIS18-MW3	1,2-Dichloropropane	0.40	ug/L	U	UJ	0.012
SIS18-MW3	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18-MW3	1,3,5-Trimethylbenzene	0.40	ug/L	U	UJ	0.024
SIS18-MW3	1,3-Dichlorobenzene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	1,3-Dichloropropane	0.40	ug/L	U	UJ	0.020
SIS18-MW3	1,4-Dichlorobenzene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	1-Chlorohexane	0.40	ug/L	U	UJ	0.040
SIS18-MW3	2,2-Dichloropropane	0.40	ug/L	U	UJ	0.019
SIS18-MW3	2-Butanone	2.0	ug/L	U	R	0.50
SIS18-MW3	2-Chlorotoluene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	2-Hexanone	4.0	ug/L	U	UJ	0.12
SIS18-MW3	4-Chlorotoluene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	4-Methyl-2-pentanone	4.0	ug/L	U	UJ	0.18
SIS18-MW3	Acetone	4.0	ug/L	U	UJ	1.0
SIS18-MW3	Benzene	0.40	ug/L	U	UJ	0.0080
SIS18-MW3	Bromobenzene	0.40	ug/L	U	UJ	0.026

SIS18-MW3	Bromochloromethane	0.40	ug/L	U	UJ	0.030
SIS18-MW3	Bromodichloromethane	0.40	ug/L	U	UJ	0.016
SIS18-MW3	Bromoform	0.40	ug/L	U	UJ	0.019
SIS18-MW3	Bromomethane	0.40	ug/L	U	UJ	0.038
SIS18-MW3	Carbon disulfide	0.80	ug/L	U	UJ	0.070
SIS18-MW3	Carbon tetrachloride	0.40	ug/L	U	UJ	0.018
SIS18-MW3	Chlorobenzene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	Chloroethane	0.40	ug/L	U	UJ	0.070
SIS18-MW3	Chloroform	0.050	ug/L	J	J	0.010
SIS18-MW3	Chloromethane	0.066	ug/L	J	U	0.026
SIS18-MW3	cis-1,2-Dichloroethene	0.24	ug/L	J	J	0.022
SIS18-MW3	cis-1,3-Dichloropropene	0.40	ug/L	U	UJ	0.012
SIS18-MW3	Dibromochloromethane	0.40	ug/L	U	UJ	0.018
SIS18-MW3	Dibromomethane	0.40	ug/L	U	UJ	0.010
SIS18-MW3	Dichlorodifluoromethane	0.20	ug/L	U	UJ	0.013
SIS18-MW3	Diisopropyl ether	0.40	ug/L	U	UJ	0.040
SIS18-MW3	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18-MW3	Ethylbenzene	0.40	ug/L	U	UJ	0.027
SIS18-MW3	Hexachlorobutadiene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	Isopropylbenzene	0.40	ug/L	U	UJ	0.026
SIS18-MW3	m,p-Xylenes	0.80	ug/L	U	UJ	0.060
SIS18-MW3	Methyl tert-butyl ether	0.40	ug/L	U	UJ	0.025
SIS18-MW3	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18-MW3	Naphthalene	0.40	ug/L	U	UJ	0.040
SIS18-MW3	n-Butylbenzene	0.40	ug/L	U	UJ	0.027
SIS18-MW3	n-Propylbenzene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	o-Xylene	0.40	ug/L	U	UJ	0.026
SIS18-MW3	p-Isopropyltoluene	0.40	ug/L	U	UJ	0.025
SIS18-MW3	sec-Butylbenzene	0.40	ug/L	U	UJ	0.024
SIS18-MW3	Styrene	0.40	ug/L	U	UJ	0.024
SIS18-MW3	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18-MW3	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18-MW3	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18-MW3	tert-Butylbenzene	0.40	ug/L	U	UJ	0.026
SIS18-MW3	Tetrachloroethene	0.39	ug/L	J	J	0.010
SIS18-MW3	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18-MW3	Toluene	0.079	ug/L	J	U	0.011
SIS18-MW3	trans-1,2-Dichloroethene	0.40	ug/L	U	UJ	0.026
SIS18-MW3	trans-1,3-Dichloropropene	0.40	ug/L	U	UJ	0.014
SIS18-MW3	Trichloroethene	0.46	ug/L		J	0.020
SIS18-MW3	Trichlorofluoromethane	0.20	ug/L	U	UJ	0.022
SIS18-MW3	Vinyl chloride	0.20	ug/L	U	UJ	0.019
SIS18-MW3	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18-MW4	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS18-MW4	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18-MW4	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS18-MW4	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS18-MW4	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS18-MW4	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW4	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS18-MW4	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS18-MW4	1,1-Dichloropropene	0.40	ug/L	U	U	0.012

SIS18-MW4	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW4	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS18-MW4	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW4	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS18-MW4	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS18-MW4	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW4	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS18-MW4	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18-MW4	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW4	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW4	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS18-MW4	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW4	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS18-MW4	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SIS18-MW4	2-Butanone	2.0	ug/L	U	R	0.50
SIS18-MW4	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW4	2-Hexanone	4.0	ug/L	U	U	0.12
SIS18-MW4	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW4	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS18-MW4	Acetone	4.0	ug/L	U	UJ	1.0
SIS18-MW4	Benzene	0.40	ug/L	U	U	0.0080
SIS18-MW4	Bromobenzene	0.40	ug/L	U	U	0.026
SIS18-MW4	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS18-MW4	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS18-MW4	Bromoform	0.40	ug/L	U	U	0.019
SIS18-MW4	Bromomethane	0.40	ug/L	U	UJ	0.038
SIS18-MW4	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS18-MW4	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS18-MW4	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW4	Chloroethane	0.40	ug/L	U	U	0.070
SIS18-MW4	Chloroform	0.40	ug/L	U	U	0.010
SIS18-MW4	Chloromethane	0.40	ug/L	U	U	0.026
SIS18-MW4	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SIS18-MW4	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW4	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS18-MW4	Dibromomethane	0.40	ug/L	U	U	0.010
SIS18-MW4	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS18-MW4	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS18-MW4	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18-MW4	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW4	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS18-MW4	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW4	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS18-MW4	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SIS18-MW4	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18-MW4	Naphthalene	0.40	ug/L	U	U	0.040
SIS18-MW4	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW4	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS18-MW4	o-Xylene	0.40	ug/L	U	U	0.026
SIS18-MW4	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS18-MW4	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW4	Styrene	0.40	ug/L	U	U	0.024

SIS18-MW4	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18-MW4	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18-MW4	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18-MW4	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW4	Tetrachloroethene	0.10	ug/L	J	J	0.010
SIS18-MW4	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18-MW4	Toluene	0.064	ug/L	J	U	0.011
SIS18-MW4	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS18-MW4	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS18-MW4	Trichloroethene	0.40	ug/L	U	U	0.020
SIS18-MW4	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS18-MW4	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS18-MW4	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS008-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS008-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS008-MW1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS008-MW1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS008-MW1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS008-MW1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS008-MW1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS008-MW1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS008-MW1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS008-MW1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS008-MW1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS008-MW1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS008-MW1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS008-MW1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS008-MW1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS008-MW1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS008-MW1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW1	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS008-MW1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS008-MW1	2-Butanone	2.0	ug/L	U	U	0.50
SS008-MW1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW1	2-Hexanone	4.0	ug/L	U	U	0.12
SS008-MW1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS008-MW1	Acetone	4.0	ug/L	U	U	1.0
SS008-MW1	Benzene	0.40	ug/L	U	U	0.0080
SS008-MW1	Bromobenzene	0.40	ug/L	U	U	0.026
SS008-MW1	Bromochloromethane	0.40	ug/L	U	U	0.030
SS008-MW1	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS008-MW1	Bromoform	0.40	ug/L	U	U	0.019
SS008-MW1	Bromomethane	0.40	ug/L	U	U	0.038
SS008-MW1	Carbon disulfide	0.80	ug/L	U	U	0.070
SS008-MW1	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS008-MW1	Chlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW1	Chloroethane	0.40	ug/L	U	U	0.070

SS008-MW1	Chloroform	0.40	ug/L	U	U	0.010
SS008-MW1	Chloromethane	0.40	ug/L	U	U	0.026
SS008-MW1	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS008-MW1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW1	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS008-MW1	Dibromomethane	0.40	ug/L	U	U	0.010
SS008-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS008-MW1	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS008-MW1	Ethyl ether	1.0	ug/L	U	U	0.22
SS008-MW1	Ethylbenzene	0.40	ug/L	U	U	0.027
SS008-MW1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS008-MW1	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS008-MW1	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS008-MW1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS008-MW1	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS008-MW1	Naphthalene	0.40	ug/L	U	U	0.040
SS008-MW1	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS008-MW1	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS008-MW1	o-Xylene	0.40	ug/L	U	U	0.026
SS008-MW1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS008-MW1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS008-MW1	Styrene	0.40	ug/L	U	U	0.024
SS008-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS008-MW1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS008-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS008-MW1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS008-MW1	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS008-MW1	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS008-MW1	Toluene	0.40	ug/L	U	U	0.011
SS008-MW1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS008-MW1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS008-MW1	Trichloroethene	0.40	ug/L	U	U	0.020
SS008-MW1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS008-MW1	Vinyl chloride	0.20	ug/L	U	U	0.019
SS008-MW1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS008-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS008-MW2	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS008-MW2	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS008-MW2	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS008-MW2	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS008-MW2	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS008-MW2	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS008-MW2	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS008-MW2	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW2	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW2	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS008-MW2	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW2	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS008-MW2	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS008-MW2	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS008-MW2	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS008-MW2	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30

SS008-MW2	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS008-MW2	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW2	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS008-MW2	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW2	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS008-MW2	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS008-MW2	2-Butanone	2.0	ug/L	U	U	0.50
SS008-MW2	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW2	2-Hexanone	4.0	ug/L	U	U	0.12
SS008-MW2	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW2	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS008-MW2	Acetone	4.0	ug/L	U	U	1.0
SS008-MW2	Benzene	0.40	ug/L	U	U	0.0080
SS008-MW2	Bromobenzene	0.40	ug/L	U	U	0.026
SS008-MW2	Bromochloromethane	0.40	ug/L	U	U	0.030
SS008-MW2	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS008-MW2	Bromoform	0.40	ug/L	U	U	0.019
SS008-MW2	Bromomethane	0.40	ug/L	U	U	0.038
SS008-MW2	Carbon disulfide	0.80	ug/L	U	U	0.070
SS008-MW2	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS008-MW2	Chlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW2	Chloroethane	0.40	ug/L	U	U	0.070
SS008-MW2	Chloroform	0.40	ug/L	U	U	0.010
SS008-MW2	Chloromethane	0.11	ug/L	J	U	0.026
SS008-MW2	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS008-MW2	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW2	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS008-MW2	Dibromomethane	0.40	ug/L	U	U	0.010
SS008-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS008-MW2	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS008-MW2	Ethyl ether	1.0	ug/L	U	U	0.22
SS008-MW2	Ethylbenzene	0.40	ug/L	U	U	0.027
SS008-MW2	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS008-MW2	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS008-MW2	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS008-MW2	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS008-MW2	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS008-MW2	Naphthalene	0.40	ug/L	U	U	0.040
SS008-MW2	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS008-MW2	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS008-MW2	o-Xylene	0.40	ug/L	U	U	0.026
SS008-MW2	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS008-MW2	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS008-MW2	Styrene	0.40	ug/L	U	U	0.024
SS008-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS008-MW2	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS008-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS008-MW2	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS008-MW2	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS008-MW2	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS008-MW2	Toluene	0.40	ug/L	U	U	0.011
SS008-MW2	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026

SS008-MW2	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS008-MW2	Trichloroethene	0.40	ug/L	U	U	0.020
SS008-MW2	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS008-MW2	Vinyl chloride	0.20	ug/L	U	U	0.019
SS008-MW2	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS008-MW3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS008-MW3	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS008-MW3	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS008-MW3	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS008-MW3	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS008-MW3	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS008-MW3	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS008-MW3	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS008-MW3	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW3	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW3	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS008-MW3	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW3	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS008-MW3	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS008-MW3	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS008-MW3	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS008-MW3	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS008-MW3	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS008-MW3	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW3	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS008-MW3	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW3	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS008-MW3	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS008-MW3	2-Butanone	2.0	ug/L	U	U	0.50
SS008-MW3	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW3	2-Hexanone	4.0	ug/L	U	U	0.12
SS008-MW3	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW3	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS008-MW3	Acetone	4.0	ug/L	U	U	1.0
SS008-MW3	Benzene	0.40	ug/L	U	U	0.0080
SS008-MW3	Bromobenzene	0.40	ug/L	U	U	0.026
SS008-MW3	Bromochloromethane	0.40	ug/L	U	U	0.030
SS008-MW3	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS008-MW3	Bromoform	0.40	ug/L	U	U	0.019
SS008-MW3	Bromomethane	0.40	ug/L	U	U	0.038
SS008-MW3	Carbon disulfide	0.80	ug/L	U	U	0.070
SS008-MW3	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS008-MW3	Chlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW3	Chloroethane	0.40	ug/L	U	U	0.070
SS008-MW3	Chloroform	0.40	ug/L	U	U	0.010
SS008-MW3	Chloromethane	0.40	ug/L	U	U	0.026
SS008-MW3	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS008-MW3	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW3	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS008-MW3	Dibromomethane	0.40	ug/L	U	U	0.010
SS008-MW3	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS008-MW3	Diisopropyl ether	0.40	ug/L	U	U	0.040

SS008-MW3	Ethyl ether	1.0	ug/L	U	U	0.22
SS008-MW3	Ethylbenzene	0.40	ug/L	U	U	0.027
SS008-MW3	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS008-MW3	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS008-MW3	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS008-MW3	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS008-MW3	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS008-MW3	Naphthalene	0.40	ug/L	U	U	0.040
SS008-MW3	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS008-MW3	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS008-MW3	o-Xylene	0.40	ug/L	U	U	0.026
SS008-MW3	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS008-MW3	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS008-MW3	Styrene	0.40	ug/L	U	U	0.024
SS008-MW3	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS008-MW3	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS008-MW3	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS008-MW3	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS008-MW3	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS008-MW3	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS008-MW3	Toluene	0.078	ug/L	J	U	0.011
SS008-MW3	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS008-MW3	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS008-MW3	Trichloroethene	0.40	ug/L	U	U	0.020
SS008-MW3	Trichlorofluoromethane	4.2	ug/L			0.022
SS008-MW3	Vinyl chloride	0.20	ug/L	U	U	0.019
SS008-MW3	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS008-MW4	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS008-MW4	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS008-MW4	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS008-MW4	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS008-MW4	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS008-MW4	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS008-MW4	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS008-MW4	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS008-MW4	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW4	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW4	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS008-MW4	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW4	1,2,4-Trimethylbenzene	0.40	ug/L	UM	UJ	0.029
SS008-MW4	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS008-MW4	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS008-MW4	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS008-MW4	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS008-MW4	1,3,5-Trimethylbenzene	0.40	ug/L	UM	UJ	0.024
SS008-MW4	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW4	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS008-MW4	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW4	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS008-MW4	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS008-MW4	2-Butanone	2.0	ug/L	U	U	0.50
SS008-MW4	2-Chlorotoluene	0.40	ug/L	U	U	0.030

SS008-MW4	2-Hexanone	4.0	ug/L	U	U	0.12
SS008-MW4	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW4	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS008-MW4	Acetone	4.0	ug/L	U	U	1.0
SS008-MW4	Benzene	0.40	ug/L	U	U	0.0080
SS008-MW4	Bromobenzene	0.40	ug/L	U	U	0.026
SS008-MW4	Bromochloromethane	0.40	ug/L	U	U	0.030
SS008-MW4	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS008-MW4	Bromoform	0.40	ug/L	U	U	0.019
SS008-MW4	Bromomethane	0.40	ug/L	U	U	0.038
SS008-MW4	Carbon disulfide	0.80	ug/L	U	U	0.070
SS008-MW4	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS008-MW4	Chlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW4	Chloroethane	0.40	ug/L	U	U	0.070
SS008-MW4	Chloroform	0.070	ug/L	J	J	0.010
SS008-MW4	Chloromethane	0.065	ug/L	JM	U	0.026
SS008-MW4	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS008-MW4	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW4	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS008-MW4	Dibromomethane	0.40	ug/L	U	U	0.010
SS008-MW4	Dichlorodifluoromethane	0.20	ug/L	U	UJ	0.013
SS008-MW4	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS008-MW4	Ethyl ether	1.0	ug/L	U	U	0.22
SS008-MW4	Ethylbenzene	0.40	ug/L	U	U	0.027
SS008-MW4	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS008-MW4	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS008-MW4	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS008-MW4	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS008-MW4	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS008-MW4	Naphthalene	0.40	ug/L	U	U	0.040
SS008-MW4	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS008-MW4	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS008-MW4	o-Xylene	0.40	ug/L	U	U	0.026
SS008-MW4	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS008-MW4	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS008-MW4	Styrene	0.40	ug/L	UM	UJ	0.024
SS008-MW4	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS008-MW4	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS008-MW4	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS008-MW4	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS008-MW4	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS008-MW4	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS008-MW4	Toluene	0.23	ug/L	J	U	0.011
SS008-MW4	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS008-MW4	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS008-MW4	Trichloroethene	0.40	ug/L	U	U	0.020
SS008-MW4	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS008-MW4	Vinyl chloride	0.20	ug/L	U	U	0.019
SS008-MW4	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS009-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS009-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS009-MW1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011

SS009-MW1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS009-MW1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS009-MW1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS009-MW1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS009-MW1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS009-MW1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS009-MW1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS009-MW1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS009-MW1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS009-MW1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS009-MW1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS009-MW1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS009-MW1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS009-MW1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW1	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS009-MW1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS009-MW1	2-Butanone	2.0	ug/L	U	U	0.50
SS009-MW1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW1	2-Hexanone	4.0	ug/L	U	U	0.12
SS009-MW1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS009-MW1	Acetone	4.0	ug/L	U	U	1.0
SS009-MW1	Benzene	0.40	ug/L	U	U	0.0080
SS009-MW1	Bromobenzene	0.40	ug/L	U	U	0.026
SS009-MW1	Bromochloromethane	0.40	ug/L	U	U	0.030
SS009-MW1	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS009-MW1	Bromoform	0.40	ug/L	U	U	0.019
SS009-MW1	Bromomethane	0.40	ug/L	U	U	0.038
SS009-MW1	Carbon disulfide	0.80	ug/L	U	U	0.070
SS009-MW1	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS009-MW1	Chlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW1	Chloroethane	0.40	ug/L	U	U	0.070
SS009-MW1	Chloroform	0.40	ug/L	U	U	0.010
SS009-MW1	Chloromethane	0.40	ug/L	U	U	0.026
SS009-MW1	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS009-MW1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW1	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS009-MW1	Dibromomethane	0.40	ug/L	U	U	0.010
SS009-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS009-MW1	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS009-MW1	Ethyl ether	1.0	ug/L	U	U	0.22
SS009-MW1	Ethylbenzene	0.40	ug/L	U	U	0.027
SS009-MW1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS009-MW1	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS009-MW1	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS009-MW1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS009-MW1	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS009-MW1	Naphthalene	0.40	ug/L	U	U	0.040

SS009-MW1	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS009-MW1	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS009-MW1	o-Xylene	0.40	ug/L	U	U	0.026
SS009-MW1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS009-MW1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS009-MW1	Styrene	0.40	ug/L	U	U	0.024
SS009-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS009-MW1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS009-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS009-MW1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS009-MW1	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS009-MW1	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS009-MW1	Toluene	0.40	ug/L	U	U	0.011
SS009-MW1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS009-MW1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS009-MW1	Trichloroethene	0.40	ug/L	U	U	0.020
SS009-MW1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS009-MW1	Vinyl chloride	0.20	ug/L	U	U	0.019
SS009-MW1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS009-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS009-MW2	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS009-MW2	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS009-MW2	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS009-MW2	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS009-MW2	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS009-MW2	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS009-MW2	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS009-MW2	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW2	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW2	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS009-MW2	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW2	1,2,4-Trimethylbenzene	0.055	ug/L	J	J	0.029
SS009-MW2	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS009-MW2	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS009-MW2	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS009-MW2	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS009-MW2	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS009-MW2	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW2	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS009-MW2	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW2	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS009-MW2	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS009-MW2	2-Butanone	2.0	ug/L	U	U	0.50
SS009-MW2	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW2	2-Hexanone	4.0	ug/L	U	U	0.12
SS009-MW2	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW2	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS009-MW2	Acetone	4.0	ug/L	U	U	1.0
SS009-MW2	Benzene	0.40	ug/L	U	U	0.0080
SS009-MW2	Bromobenzene	0.40	ug/L	U	U	0.026
SS009-MW2	Bromochloromethane	0.40	ug/L	U	U	0.030
SS009-MW2	Bromodichloromethane	0.40	ug/L	U	U	0.016

SS009-MW2	Bromoform	0.40	ug/L	U	U	0.019
SS009-MW2	Bromomethane	0.40	ug/L	U	U	0.038
SS009-MW2	Carbon disulfide	0.80	ug/L	U	U	0.070
SS009-MW2	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS009-MW2	Chlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW2	Chloroethane	0.40	ug/L	U	U	0.070
SS009-MW2	Chloroform	0.043	ug/L	J	J	0.010
SS009-MW2	Chloromethane	0.068	ug/L	J	U	0.026
SS009-MW2	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS009-MW2	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW2	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS009-MW2	Dibromomethane	0.40	ug/L	U	U	0.010
SS009-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS009-MW2	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS009-MW2	Ethyl ether	1.0	ug/L	U	U	0.22
SS009-MW2	Ethylbenzene	0.047	ug/L	J	J	0.027
SS009-MW2	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS009-MW2	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS009-MW2	m,p-Xylenes	0.14	ug/L	J	J	0.060
SS009-MW2	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS009-MW2	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS009-MW2	Naphthalene	0.40	ug/L	U	U	0.040
SS009-MW2	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS009-MW2	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS009-MW2	o-Xylene	0.064	ug/L	J	J	0.026
SS009-MW2	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS009-MW2	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS009-MW2	Styrene	0.40	ug/L	U	U	0.024
SS009-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS009-MW2	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS009-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS009-MW2	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS009-MW2	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS009-MW2	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS009-MW2	Toluene	0.20	ug/L	J	U	0.011
SS009-MW2	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS009-MW2	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS009-MW2	Trichloroethene	0.40	ug/L	U	U	0.020
SS009-MW2	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS009-MW2	Vinyl chloride	0.20	ug/L	U	U	0.019
SS009-MW2	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS009-MW3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS009-MW3	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS009-MW3	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS009-MW3	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS009-MW3	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS009-MW3	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS009-MW3	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS009-MW3	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS009-MW3	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW3	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW3	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027

SS009-MW3	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW3	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS009-MW3	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS009-MW3	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS009-MW3	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS009-MW3	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS009-MW3	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS009-MW3	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW3	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS009-MW3	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW3	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS009-MW3	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS009-MW3	2-Butanone	2.0	ug/L	U	U	0.50
SS009-MW3	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW3	2-Hexanone	4.0	ug/L	U	U	0.12
SS009-MW3	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW3	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS009-MW3	Acetone	4.0	ug/L	U	U	1.0
SS009-MW3	Benzene	0.40	ug/L	U	U	0.0080
SS009-MW3	Bromobenzene	0.40	ug/L	U	U	0.026
SS009-MW3	Bromochloromethane	0.40	ug/L	U	U	0.030
SS009-MW3	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS009-MW3	Bromoform	0.40	ug/L	U	U	0.019
SS009-MW3	Bromomethane	0.40	ug/L	U	U	0.038
SS009-MW3	Carbon disulfide	0.80	ug/L	U	U	0.070
SS009-MW3	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS009-MW3	Chlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW3	Chloroethane	0.40	ug/L	U	U	0.070
SS009-MW3	Chloroform	0.40	ug/L	U	U	0.010
SS009-MW3	Chloromethane	0.12	ug/L	J	U	0.026
SS009-MW3	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS009-MW3	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW3	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS009-MW3	Dibromomethane	0.40	ug/L	U	U	0.010
SS009-MW3	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS009-MW3	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS009-MW3	Ethyl ether	1.0	ug/L	U	U	0.22
SS009-MW3	Ethylbenzene	0.40	ug/L	U	U	0.027
SS009-MW3	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS009-MW3	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS009-MW3	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS009-MW3	Methyl tert-butyl ether	0.45	ug/L			0.025
SS009-MW3	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS009-MW3	Naphthalene	0.40	ug/L	U	U	0.040
SS009-MW3	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS009-MW3	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS009-MW3	o-Xylene	0.40	ug/L	U	U	0.026
SS009-MW3	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS009-MW3	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS009-MW3	Styrene	0.40	ug/L	U	U	0.024
SS009-MW3	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS009-MW3	Tert-Butyl Alcohol	20	ug/L	U	R	7.0

SS009-MW3	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS009-MW3	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS009-MW3	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS009-MW3	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS009-MW3	Toluene	0.23	ug/L	J	U	0.011
SS009-MW3	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS009-MW3	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS009-MW3	Trichloroethene	0.40	ug/L	U	U	0.020
SS009-MW3	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS009-MW3	Vinyl chloride	0.20	ug/L	U	U	0.019
SS009-MW3	1,4-Dioxane	1.0	ug/L	U	U	1.0
TRIP BLANK 051010	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
TRIP BLANK 051010	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
TRIP BLANK 051010	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
TRIP BLANK 051010	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
TRIP BLANK 051010	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
TRIP BLANK 051010	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
TRIP BLANK 051010	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
TRIP BLANK 051010	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
TRIP BLANK 051010	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
TRIP BLANK 051010	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
TRIP BLANK 051010	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
TRIP BLANK 051010	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
TRIP BLANK 051010	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
TRIP BLANK 051010	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
TRIP BLANK 051010	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
TRIP BLANK 051010	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
TRIP BLANK 051010	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	1-Chlorohexane	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
TRIP BLANK 051010	2-Butanone	2.0	ug/L	U	R	0.50
TRIP BLANK 051010	2-Chlorotoluene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	2-Hexanone	4.0	ug/L	U	U	0.12
TRIP BLANK 051010	4-Chlorotoluene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
TRIP BLANK 051010	Acetone	4.0	ug/L	U	UJ	1.0
TRIP BLANK 051010	Benzene	0.40	ug/L	U	U	0.0080
TRIP BLANK 051010	Bromobenzene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	Bromochloromethane	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	Bromodichloromethane	0.40	ug/L	U	U	0.016
TRIP BLANK 051010	Bromoform	0.40	ug/L	U	U	0.019
TRIP BLANK 051010	Bromomethane	0.40	ug/L	U	UJ	0.038
TRIP BLANK 051010	Carbon disulfide	0.80	ug/L	U	U	0.070
TRIP BLANK 051010	Carbon tetrachloride	0.40	ug/L	U	U	0.018
TRIP BLANK 051010	Chlorobenzene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	Chloroethane	0.40	ug/L	U	U	0.070
TRIP BLANK 051010	Chloroform	0.40	ug/L	U	U	0.010
TRIP BLANK 051010	Chloromethane	0.084	ug/L	J	J	0.026

TRIP BLANK 051010	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
TRIP BLANK 051010	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
TRIP BLANK 051010	Dibromochloromethane	0.40	ug/L	U	U	0.018
TRIP BLANK 051010	Dibromomethane	0.40	ug/L	U	U	0.010
TRIP BLANK 051010	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
TRIP BLANK 051010	Diisopropyl ether	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	Ethyl ether	1.0	ug/L	U	U	0.22
TRIP BLANK 051010	Ethylbenzene	0.40	ug/L	U	U	0.027
TRIP BLANK 051010	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	Isopropylbenzene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	m,p-Xylenes	0.80	ug/L	U	U	0.060
TRIP BLANK 051010	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
TRIP BLANK 051010	Methylene chloride	0.40	ug/L	U	UJ	0.20
TRIP BLANK 051010	Naphthalene	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	n-Butylbenzene	0.40	ug/L	U	U	0.027
TRIP BLANK 051010	n-Propylbenzene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	o-Xylene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
TRIP BLANK 051010	sec-Butylbenzene	0.40	ug/L	U	U	0.024
TRIP BLANK 051010	Styrene	0.40	ug/L	U	U	0.024
TRIP BLANK 051010	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
TRIP BLANK 051010	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
TRIP BLANK 051010	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
TRIP BLANK 051010	tert-Butylbenzene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	Tetrachloroethene	0.40	ug/L	U	U	0.010
TRIP BLANK 051010	Tetrahydrofuran	4.0	ug/L	U	R	0.30
TRIP BLANK 051010	Toluene	0.40	ug/L	U	U	0.011
TRIP BLANK 051010	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
TRIP BLANK 051010	Trichloroethene	0.40	ug/L	U	U	0.020
TRIP BLANK 051010	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
TRIP BLANK 051010	Vinyl chloride	0.20	ug/L	U	U	0.019
TRIP BLANK 051010	1,4-Dioxane	1.0	ug/L	U	U	1.0
FIELD BLANK #2	Copper	1.2	ug/L	U	U	1.2
FIELD BLANK #2	Calcium	15	ug/L	U	U	15
FIELD BLANK #2	Manganese	0.70	ug/L	U	U	0.70
FIELD BLANK #2	Magnesium	56	ug/L			3.0
FIELD BLANK #2	Iron	9.0	ug/L	U	U	9.0
FIELD BLANK #2	Aluminum	4.0	ug/L	U	U	4.0
FIELD BLANK #2	Mercury	0.040	ug/L	U	U	0.040
FIELD BLANK #2	Aroclor 1221	0.50	ug/L	U	U	0.085
FIELD BLANK #2	Aroclor 1248	0.50	ug/L	U	U	0.088
FIELD BLANK #2	Aroclor 1254	0.50	ug/L	U	U	0.094
FIELD BLANK #2	Aroclor 1242	0.50	ug/L	U	U	0.096
FIELD BLANK #2	Aroclor 1260	0.50	ug/L	U	U	0.099
FIELD BLANK #2	Aroclor 1016	0.50	ug/L	U	U	0.11
FIELD BLANK #2	Aroclor 1232	0.50	ug/L	U	U	0.15
FIELD BLANK #2	Benzo(a)pyrene	1.0	ug/L	U	U	0.070
FIELD BLANK #2	1,2,4-Trichlorobenzene	1.0	ug/L	U	U	0.070
FIELD BLANK #2	Hexachloroethane	1.0	ug/L	U	U	0.070
FIELD BLANK #2	4-Chlorophenyl phenyl ether	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Benzo(a)anthracene	1.0	ug/L	U	U	0.080

FIELD BLANK #2	1,3-Dichlorobenzene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	1,2-Dichlorobenzene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	1,4-Dichlorobenzene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Chrysene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Dibenzofuran	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Phenanthrene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Benzo(k)fluoranthene	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Bis(2-chloroethoxy)methane	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Indeno(1,2,3-cd)pyrene	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Anthracene	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Fluoranthene	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Bis(2-chloroisopropyl) ether	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Benzo(b)fluoranthene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	Benzo(g,h,i)perylene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	Pyrene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	2-Chloronaphthalene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	Acenaphthene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	2-Nitroaniline	1.0	ug/L	U	U	0.11
FIELD BLANK #2	Butylbenzyl phthalate	1.0	ug/L	U	U	0.11
FIELD BLANK #2	Isophorone	1.0	ug/L	U	U	0.11
FIELD BLANK #2	2,6-Dinitrotoluene	1.0	ug/L	U	U	0.12
FIELD BLANK #2	Acenaphthylene	1.0	ug/L	U	U	0.12
FIELD BLANK #2	2-Methylnaphthalene	1.0	ug/L	U	U	0.12
FIELD BLANK #2	Carbazole	1.0	ug/L	UQ	U	0.14
FIELD BLANK #2	Dibenzo(a,h)anthracene	1.0	ug/L	U	U	0.14
FIELD BLANK #2	4-Bromophenyl phenyl ether	1.0	ug/L	U	U	0.15
FIELD BLANK #2	Fluorene	1.0	ug/L	U	U	0.15
FIELD BLANK #2	Nitrobenzene	1.0	ug/L	U	U	0.15
FIELD BLANK #2	Di-n-octyl phthalate	1.0	ug/L	U	U	0.16
FIELD BLANK #2	4-Chloroaniline	1.0	ug/L	U	U	0.17
FIELD BLANK #2	N-Nitroso-di-n-propylamine	1.0	ug/L	U	U	0.18
FIELD BLANK #2	1,2-Diphenylhydrazine	2.0	ug/L	U	U	0.18
FIELD BLANK #2	2,4-Dinitrotoluene	1.0	ug/L	U	U	0.19
FIELD BLANK #2	N-Nitrosodiphenylamine	2.0	ug/L	U	U	0.19
FIELD BLANK #2	Bis(2-chloroethyl) ether	1.0	ug/L	U	U	0.20
FIELD BLANK #2	3-Nitroaniline	1.0	ug/L	U	U	0.21
FIELD BLANK #2	Hexachlorobenzene	1.0	ug/L	U	U	0.22
FIELD BLANK #2	Hexachlorobutadiene	1.0	ug/L	U	U	0.30
FIELD BLANK #2	Phenol	1.0	ug/L	U	U	0.31
FIELD BLANK #2	Benzyl alcohol	1.0	ug/L	U	U	0.31
FIELD BLANK #2	4-Nitroaniline	1.5	ug/L	U	U	0.46
FIELD BLANK #2	2-Nitrophenol	2.0	ug/L	U	U	0.60
FIELD BLANK #2	2,4-Dichlorophenol	2.0	ug/L	U	U	0.61
FIELD BLANK #2	Bis(2-ethylhexyl) phthalate	2.0	ug/L	U	U	0.61
FIELD BLANK #2	4-Nitrophenol	5.0	ug/L	U	U	0.62
FIELD BLANK #2	4-Methylphenol	2.2	ug/L	U	U	0.67
FIELD BLANK #2	2-Chlorophenol	2.3	ug/L	U	U	0.68
FIELD BLANK #2	Di-n-butyl phthalate	2.5	ug/L	U	U	0.75
FIELD BLANK #2	2,4,5-Trichlorophenol	2.7	ug/L	U	U	0.79
FIELD BLANK #2	2,4,6-Trichlorophenol	2.9	ug/L	U	U	0.86
FIELD BLANK #2	2-Methylphenol	2.9	ug/L	U	U	0.87
FIELD BLANK #2	Pentachlorophenol	5.0	ug/L	U	U	0.89

FIELD BLANK #2	2-Methyl-4,6-dinitrophenol	5.0	ug/L	U	U	0.93
FIELD BLANK #2	4-Chloro-3-methylphenol	3.7	ug/L	U	U	1.1
FIELD BLANK #2	2,4-Dimethylphenol	4.0	ug/L	U	U	1.2
FIELD BLANK #2	2,4-Dinitrophenol	5.1	ug/L	U	U	1.5
FIELD BLANK #2	Benzoic acid	38	ug/L	U	U	11
FIELD BLANK #2	3,3'-Dichlorobenzidine	9.9	ug/L	UQ	U	3.0
FIELD BLANK #2	Naphthalene	0.073	ug/L	J	J	0.070
FIELD BLANK #2	Diethyl phthalate	0.32	ug/L	J	J	0.17
FIELD BLANK #2	Dimethyl phthalate	0.40	ug/L	JB	J	0.090
SIS18SB14	Total Solids	30.2	%			1.0
SIS18SB14	Manganese	123	mg/kg		J	0.053
SIS18SB14	Magnesium	1540	mg/kg		J	0.40
SIS18SB14	Copper	2080	mg/kg			0.20
SIS18SB14	Aluminum	5240	mg/kg			0.13
SIS18SB14	Iron	9520	mg/kg		J	0.99
SIS18SB14	Calcium	9850	mg/kg			0.20
SIS18SB15	Total Solids	65.2	%			1.0
SIS18SB15	Copper	135	mg/kg			0.092
SIS18SB15	Manganese	141	mg/kg		J	0.025
SIS18SB15	Calcium	2200	mg/kg			0.092
SIS18SB15	Aluminum	6210	mg/kg			0.061
SIS18SB15	Iron	7290	mg/kg		J	0.46
SIS18SB15	Magnesium	886	mg/kg		J	0.18
SIS18SB16	Total Solids	63	%			1.0
SIS18SB16	Manganese	102	mg/kg		J	0.025
SIS18SB16	Magnesium	1300	mg/kg		J	0.19
SIS18SB16	Copper	141	mg/kg			0.095
SIS18SB16	Iron	18700	mg/kg		J	0.48
SIS18SB16	Calcium	2080	mg/kg			0.095
SIS18SB16	Aluminum	16200	mg/kg			0.063
SIS18SB17	Total Solids	54.4	%			1.0
SIS18SB17	Copper	13.6	mg/kg			0.11
SIS18SB17	Magnesium	1500	mg/kg		J	0.22
SIS18SB17	Aluminum	18800	mg/kg			0.074
SIS18SB17	Iron	20400	mg/kg		J	0.55
SIS18SB17	Calcium	478	mg/kg			0.11
SIS18SB17	Manganese	86.9	mg/kg		J	0.029
SIS18SB18	Total Solids	57.3	%			1.0
SIS18SB18	Iron	12800	mg/kg		J	0.52
SIS18SB18	Magnesium	1590	mg/kg		J	0.21
SIS18SB18	Calcium	2900	mg/kg			0.10
SIS18SB18	Manganese	441	mg/kg		J	0.028
SIS18SB18	Copper	65.4	mg/kg			0.10
SIS18SB18	Aluminum	11400	mg/kg			0.070
SIS18SB19	Total Solids	69.4	%			1.0
SIS18SB19	Calcium	2230	mg/kg			0.086
SIS18SB19	Copper	400	mg/kg			0.086
SIS18SB19	Iron	4540	mg/kg		J	0.43
SIS18SB19	Magnesium	476	mg/kg		J	0.17
SIS18SB19	Manganese	50.1	mg/kg		J	0.023
SIS18SB19	Aluminum	4320	mg/kg			0.058
SIS18SB20	Total Solids	88	%			1.0

SIS18SB20	Calcium	1110	mg/kg			0.068
SIS18SB20	Copper	24.2	mg/kg			0.068
SIS18SB20	Manganese	31.3	mg/kg		J	0.018
SIS18SB20	Magnesium	560	mg/kg		J	0.14
SIS18SB20	Iron	5990	mg/kg		J	0.34
SIS18SB20	Aluminum	4520	mg/kg			0.045
SIS18SB21	Total Solids	67.3	%			1.0
SIS18SB21	Calcium	1590	mg/kg			0.089
SIS18SB21	Manganese	31.5	mg/kg		J	0.024
SIS18SB21	Copper	56.5	mg/kg			0.089
SIS18SB21	Iron	5760	mg/kg		J	0.45
SIS18SB21	Aluminum	6240	mg/kg			0.059
SIS18SB21	Magnesium	717	mg/kg		J	0.18
SIS18SB22	Total Solids	81.2	%			1.0
SIS18SB22	Magnesium	1070	mg/kg		J	0.15
SIS18SB22	Calcium	1160	mg/kg			0.074
SIS18SB22	Copper	38.5	mg/kg			0.074
SIS18SB22	Manganese	56.0	mg/kg		J	0.020
SIS18SB22	Iron	5940	mg/kg		J	0.37
SIS18SB22	Aluminum	6000	mg/kg			0.049
SIS18SB23	Total Solids	83.6	%			1.0
SIS18SB23	Copper	22.2	mg/kg			0.072
SIS18SB23	Manganese	49.6	mg/kg		J	0.019
SIS18SB23	Calcium	972	mg/kg			0.072
SIS18SB23	Aluminum	5350	mg/kg			0.048
SIS18SB23	Iron	5890	mg/kg		J	0.36
SIS18SB23	Magnesium	933	mg/kg		J	0.14
SIS18SB28	Total Solids	79.1	%			1.0
SIS18SB28	Calcium	1000	mg/kg			0.076
SIS18SB28	Copper	35.4	mg/kg			0.076
SIS18SB28	Manganese	89.1	mg/kg		J	0.020
SIS18SB28	Aluminum	3260	mg/kg			0.051
SIS18SB28	Iron	4550	mg/kg		J	0.38
SIS18SB28	Magnesium	537	mg/kg		J	0.15
SIS18SB28	Indeno(1,2,3-cd)pyrene	35	ug/kg	U	UJ	10
SIS18SB28	Benzo(a)anthracene	37	ug/kg	U	UJ	11
SIS18SB28	Naphthalene	38	ug/kg	U	UJ	11
SIS18SB28	4-Chloro-3-methylphenol	390	ug/kg	U	UJ	110
SIS18SB28	2,4-Dichlorophenol	400	ug/kg	U	UJ	120
SIS18SB28	1,2-Dichlorobenzene	40	ug/kg	U	UJ	13
SIS18SB28	Anthracene	42	ug/kg	U	UJ	13
SIS18SB28	4-Bromophenyl phenyl ether	43	ug/kg	U	UJ	13
SIS18SB28	2-Methylphenol	430	ug/kg	U	UJ	130
SIS18SB28	4-Methylphenol	440	ug/kg	U	UJ	130
SIS18SB28	2-Chlorophenol	440	ug/kg	U	UJ	130
SIS18SB28	2,4,5-Trichlorophenol	440	ug/kg	U	UJ	130
SIS18SB28	Fluorene	44	ug/kg	U	UJ	14
SIS18SB28	Benzo(b)fluoranthene	45	ug/kg	U	UJ	14
SIS18SB28	Carbazole	45	ug/kg	U	UJ	14
SIS18SB28	Dibenzo(a,h)anthracene	45	ug/kg	U	UJ	14
SIS18SB28	Pyrene	45	ug/kg	U	UJ	14
SIS18SB28	1,3-Dichlorobenzene	47	ug/kg	U	UJ	14

SIS18SB28	Bis(2-chloroisopropyl) ether	48	ug/kg	U	UJ	14
SIS18SB28	Phenanthrene	48	ug/kg	U	UJ	14
SIS18SB28	Chrysene	50	ug/kg	U	UJ	15
SIS18SB28	2-Nitrophenol	500	ug/kg	U	UJ	150
SIS18SB28	Phenol	520	ug/kg	U	UJ	150
SIS18SB28	1,4-Dichlorobenzene	53	ug/kg	U	UJ	16
SIS18SB28	2-Chloronaphthalene	57	ug/kg	U	UJ	16
SIS18SB28	Bis(2-chloroethyl) ether	58	ug/kg	U	UJ	18
SIS18SB28	Hexachlorobenzene	63	ug/kg	U	UJ	19
SIS18SB28	Acenaphthene	64	ug/kg	U	UJ	19
SIS18SB28	1,2,4-Trichlorobenzene	67	ug/kg	U	UJ	20
SIS18SB28	Hexachloroethane	69	ug/kg	U	UJ	21
SIS18SB28	N-Nitrosodiphenylamine	72	ug/kg	U	UJ	21
SIS18SB28	Benzo(a)pyrene	79	ug/kg	U	UJ	24
SIS18SB28	2-Methylnaphthalene	82	ug/kg	U	UJ	24
SIS18SB28	2,6-Dinitrotoluene	84	ug/kg	U	UJ	25
SIS18SB28	Acenaphthylene	84	ug/kg	U	UJ	25
SIS18SB28	Bis(2-chloroethoxy)methane	84	ug/kg	U	UJ	25
SIS18SB28	Fluoranthene	87	ug/kg	U	UJ	26
SIS18SB28	Benzo(k)fluoranthene	88	ug/kg	U	UJ	26
SIS18SB28	2,4-Dinitrophenol	890	ug/kg	U	UJ	270
SIS18SB28	2,4-Dinitrotoluene	96	ug/kg	U	UJ	29
SIS18SB28	Butylbenzyl phthalate	130	ug/kg	U	UJ	30
SIS18SB28	Benzo(g,h,i)perylene	130	ug/kg	U	UJ	32
SIS18SB28	Dimethyl phthalate	130	ug/kg	U	UJ	33
SIS18SB28	2-Nitroaniline	130	ug/kg	U	UJ	33
SIS18SB28	Isophorone	130	ug/kg	U	UJ	34
SIS18SB28	3,3'-Dichlorobenzidine	1200	ug/kg	U	UJ	350
SIS18SB28	Benzoic acid	1200	ug/kg	U	UJ	370
SIS18SB28	N-Nitroso-di-n-propylamine	140	ug/kg	U	UJ	38
SIS18SB28	Hexachlorobutadiene	130	ug/kg	U	UJ	39
SIS18SB28	4-Chlorophenyl phenyl ether	140	ug/kg	U	UJ	39
SIS18SB28	4-Nitroaniline	140	ug/kg	U	UJ	39
SIS18SB28	3-Nitroaniline	140	ug/kg	U	UJ	40
SIS18SB28	4-Nitrophenol	1400	ug/kg	U	UJ	410
SIS18SB28	Dibenzofuran	160	ug/kg	U	UJ	47
SIS18SB28	Diethyl phthalate	160	ug/kg	U	UJ	48
SIS18SB28	Di-n-octyl phthalate	160	ug/kg	U	UJ	49
SIS18SB28	Nitrobenzene	180	ug/kg	U	UJ	50
SIS18SB28	4-Chloroaniline	280	ug/kg	U	UJ	82
SIS18SB28	Pentachlorophenol	630	ug/kg	U	UJ	88
SIS18SB28	2-Methyl-4,6-dinitrophenol	630	ug/kg	U	UJ	89
SIS18SB28	2,4,6-Trichlorophenol	330	ug/kg	U	UJ	96
SIS18SB28	2,4-Dimethylphenol	330	ug/kg	U	UJ	97
SIS18SB28	Benzyl alcohol	340	ug/kg	U	UJ	98
SIS18SB28	Bis(2-ethylhexyl) phthalate	110	ug/kg	JB	U	35
SIS18SB28	Di-n-butyl phthalate	55	ug/kg	JB	J	50
SIS18SB29	Total Solids	83.2	%			1.0
SIS18SB29	Aluminum	2710	mg/kg			0.048
SIS18SB29	Copper	3.7	mg/kg			0.072
SIS18SB29	Iron	3790	mg/kg		J	0.36
SIS18SB29	Magnesium	514	mg/kg		J	0.14

SIS18SB29	Calcium	685	mg/kg			0.072
SIS18SB29	Manganese	71.5	mg/kg		J	0.019
SIS18SB30	Total Solids	88.9	%			1.0
SIS18SB30	Copper	24.2	mg/kg			0.067
SIS18SB30	Manganese	37.7	mg/kg		J	0.018
SIS18SB30	Calcium	585	mg/kg			0.067
SIS18SB30	Aluminum	3400	mg/kg			0.045
SIS18SB30	Iron	4640	mg/kg		J	0.34
SIS18SB30	Magnesium	675	mg/kg		J	0.13
SIS18SB31	Total Solids	52.6	%			1.0
SIS18SB31	Aluminum	18000	mg/kg			0.076
SIS18SB31	Copper	196	mg/kg			0.11
SIS18SB31	Manganese	33.3	mg/kg		J	0.030
SIS18SB31	Calcium	3870	mg/kg			0.11
SIS18SB31	Magnesium	694	mg/kg		J	0.23
SIS18SB31	Iron	8940	mg/kg		J	0.57
SIS18SB32	Total Solids	74.9	%			1.0
SIS18SB32	Copper	34.4	mg/kg			0.080
SIS18SB32	Aluminum	4810	mg/kg			0.053
SIS18SB32	Iron	6910	mg/kg		J	0.40
SIS18SB32	Calcium	874	mg/kg			0.080
SIS18SB32	Manganese	88.8	mg/kg		J	0.021
SIS18SB32	Magnesium	981	mg/kg		J	0.16
SIS18SD11	Total Solids	12.6	%			1.0
SIS18SD11	Calcium	13800	mg/kg		J	0.48
SIS18SD11	Manganese	361	mg/kg			0.13
SIS18SD11	Aluminum	4330	mg/kg			0.32
SIS18SD11	Copper	476	mg/kg			0.48
SIS18SD11	Iron	7600	mg/kg		J	2.4
SIS18SD11	Magnesium	867	mg/kg			0.95
SIS18SD11	Mercury	0.61	mg/kg		J	0.019
SIS18SD11	Aroclor 1221	400	ug/kg	U	UJ	160
SIS18SD11	Aroclor 1254	400	ug/kg	U	UJ	180
SIS18SD11	Aroclor 1232	400	ug/kg	U	UJ	210
SIS18SD11	Aroclor 1242	400	ug/kg	U	UJ	230
SIS18SD11	Aroclor 1248	400	ug/kg	U	UJ	230
SIS18SD11	Aroclor 1016	400	ug/kg	U	UJ	79
SIS18SD11	Aroclor 1260	400	ug/kg	U	UJ	95
SIS18SD11	Total Organic Carbon (TOC)	240000	mg/kg			4600
SIS18SD11 DUPE	Total Solids	15	%			1.0
SIS18SD11 DUPE	Calcium	13000	mg/kg		J	0.40
SIS18SD11 DUPE	Manganese	342	mg/kg			0.11
SIS18SD11 DUPE	Aluminum	3780	mg/kg			0.27
SIS18SD11 DUPE	Copper	390	mg/kg			0.40
SIS18SD11 DUPE	Iron	6680	mg/kg		J	2.0
SIS18SD11 DUPE	Magnesium	807	mg/kg			0.80
SIS18SD11 DUPE	Mercury	0.20	mg/kg		J	0.016
SIS18SD11 DUPE	Aroclor 1221	330	ug/kg	U	UJ	130
SIS18SD11 DUPE	Aroclor 1254	330	ug/kg	U	UJ	150
SIS18SD11 DUPE	Aroclor 1232	330	ug/kg	U	UJ	180
SIS18SD11 DUPE	Aroclor 1242	330	ug/kg	U	UJ	190
SIS18SD11 DUPE	Aroclor 1248	330	ug/kg	U	UJ	190

SIS18SD11 DUPE	Aroclor 1016	330	ug/kg	U	UJ	67
SIS18SD11 DUPE	Aroclor 1260	330	ug/kg	U	UJ	80
SIS18SD11 DUPE	Total Organic Carbon (TOC)	250000	mg/kg			3800
SIS18SD12	Total Solids	14.8	%			1.0
SIS18SD12	Magnesium	1080	mg/kg			0.81
SIS18SD12	Manganese	144	mg/kg			0.11
SIS18SD12	Calcium	18100	mg/kg		J	0.41
SIS18SD12	Aluminum	5660	mg/kg			0.27
SIS18SD12	Iron	6910	mg/kg		J	2.0
SIS18SD12	Copper	794	mg/kg			0.41
SIS18SD12	Mercury	0.72	mg/kg		J	0.016
SIS18SD12	Aroclor 1221	340	ug/kg	U	UJ	140
SIS18SD12	Aroclor 1254	340	ug/kg	U	UJ	160
SIS18SD12	Aroclor 1232	340	ug/kg	U	UJ	180
SIS18SD12	Aroclor 1242	340	ug/kg	U	UJ	200
SIS18SD12	Aroclor 1248	340	ug/kg	U	UJ	200
SIS18SD12	Aroclor 1016	340	ug/kg	U	UJ	68
SIS18SD12	Aroclor 1260	340	ug/kg	U	UJ	81
SIS18SD12	Total Organic Carbon (TOC)	150000	mg/kg			3900
SIS18SD13	Total Solids	23.5	%			1.0
SIS18SD13	Aluminum	10500	mg/kg			0.17
SIS18SD13	Magnesium	1060	mg/kg			0.51
SIS18SD13	Manganese	144	mg/kg			0.068
SIS18SD13	Copper	26.3	mg/kg			0.26
SIS18SD13	Calcium	2970	mg/kg		J	0.26
SIS18SD13	Iron	5740	mg/kg		J	1.3
SIS18SD13	Mercury	0.028	mg/kg	JY	J	0.010
SIS18SD13	Aroclor 1232	210	ug/kg	U	UJ	110
SIS18SD13	Aroclor 1242	210	ug/kg	U	UJ	120
SIS18SD13	Aroclor 1248	210	ug/kg	U	UJ	120
SIS18SD13	Aroclor 1016	210	ug/kg	U	UJ	42
SIS18SD13	Aroclor 1260	210	ug/kg	UM,Y	UJ	51
SIS18SD13	Aroclor 1221	210	ug/kg	U	UJ	85
SIS18SD13	Aroclor 1254	210	ug/kg	U	UJ	97
SIS18SD13	Total Organic Carbon (TOC)	87000	mg/kg			2400
SIS18SD14	Total Solids	15.8	%			1.0
SIS18SD14	Magnesium	1300	mg/kg			0.76
SIS18SD14	Copper	14.6	mg/kg			0.38
SIS18SD14	Aluminum	15000	mg/kg			0.25
SIS18SD14	Manganese	156	mg/kg			0.10
SIS18SD14	Calcium	2260	mg/kg		J	0.38
SIS18SD14	Iron	7200	mg/kg		J	1.9
SIS18SD14	Mercury	0.059	mg/kg		J	0.015
SIS18SD14	Aroclor 1221	320	ug/kg	U	UJ	130
SIS18SD14	Aroclor 1254	320	ug/kg	U	UJ	150
SIS18SD14	Aroclor 1232	320	ug/kg	U	UJ	170
SIS18SD14	Aroclor 1242	320	ug/kg	U	UJ	180
SIS18SD14	Aroclor 1248	320	ug/kg	U	UJ	180
SIS18SD14	Aroclor 1016	320	ug/kg	U	UJ	63
SIS18SD14	Aroclor 1260	320	ug/kg	U	UJ	76
SIS18SD14	Total Organic Carbon (TOC)	62000	mg/kg			3600
SIS18SD15	Total Solids	6.3	%			1.0

SIS18SD15	Iron	12100	mg/kg		J	4.8
SIS18SD15	Manganese	146	mg/kg			0.25
SIS18SD15	Calcium	1710	mg/kg		J	0.95
SIS18SD15	Magnesium	488	mg/kg			1.9
SIS18SD15	Aluminum	7220	mg/kg			0.63
SIS18SD15	Copper	9.8	mg/kg			0.95
SIS18SD15	Mercury	0.038	mg/kg	U	UJ	0.038
SIS18SD15	Aroclor 1016	790	ug/kg	U	UJ	160
SIS18SD15	Aroclor 1260	790	ug/kg	U	UJ	190
SIS18SD15	Aroclor 1221	790	ug/kg	U	UJ	320
SIS18SD15	Aroclor 1254	790	ug/kg	U	UJ	360
SIS18SD15	Aroclor 1232	790	ug/kg	U	UJ	430
SIS18SD15	Aroclor 1242	790	ug/kg	U	UJ	460
SIS18SD15	Aroclor 1248	790	ug/kg	U	UJ	460
SIS18SD15	Total Organic Carbon (TOC)	260000	mg/kg			9100
SIS18SS09	Total Solids	89.9	%			1.0
SIS18SS09	4-Chloro-3-methylphenol	340	ug/kg	U	U	100
SIS18SS09	2,4-Dichlorophenol	350	ug/kg	U	U	100
SIS18SS09	1,2-Dichlorobenzene	35	ug/kg	U	U	11
SIS18SS09	Anthracene	36	ug/kg	U	U	11
SIS18SS09	4-Bromophenyl phenyl ether	37	ug/kg	U	U	11
SIS18SS09	2-Methylphenol	370	ug/kg	U	U	110
SIS18SS09	4-Methylphenol	380	ug/kg	U	U	110
SIS18SS09	Fluorene	38	ug/kg	U	U	12
SIS18SS09	Benzo(b)fluoranthene	40	ug/kg	U	U	12
SIS18SS09	Carbazole	40	ug/kg	U	U	12
SIS18SS09	Dibenzo(a,h)anthracene	40	ug/kg	U	U	12
SIS18SS09	Pyrene	40	ug/kg	U	U	12
SIS18SS09	1,3-Dichlorobenzene	41	ug/kg	U	U	12
SIS18SS09	Bis(2-chloroisopropyl) ether	42	ug/kg	U	U	12
SIS18SS09	Phenanthrene	42	ug/kg	U	U	12
SIS18SS09	2-Chlorophenol	380	ug/kg	U	U	120
SIS18SS09	2,4,5-Trichlorophenol	380	ug/kg	U	U	120
SIS18SS09	Chrysene	44	ug/kg	U	U	13
SIS18SS09	2-Nitrophenol	440	ug/kg	U	U	130
SIS18SS09	Phenol	450	ug/kg	U	U	130
SIS18SS09	1,4-Dichlorobenzene	46	ug/kg	U	U	14
SIS18SS09	2-Chloronaphthalene	49	ug/kg	U	U	14
SIS18SS09	Bis(2-chloroethyl) ether	51	ug/kg	U	U	15
SIS18SS09	Hexachlorobenzene	55	ug/kg	U	U	16
SIS18SS09	Acenaphthene	56	ug/kg	U	U	16
SIS18SS09	1,2,4-Trichlorobenzene	58	ug/kg	U	U	18
SIS18SS09	Hexachloroethane	60	ug/kg	U	U	19
SIS18SS09	N-Nitrosodiphenylamine	63	ug/kg	U	U	19
SIS18SS09	Benzo(a)pyrene	69	ug/kg	U	U	21
SIS18SS09	2-Methylnaphthalene	71	ug/kg	U	U	21
SIS18SS09	2,6-Dinitrotoluene	74	ug/kg	U	U	22
SIS18SS09	Acenaphthylene	74	ug/kg	U	U	22
SIS18SS09	Bis(2-chloroethoxy)methane	74	ug/kg	U	U	22
SIS18SS09	Fluoranthene	76	ug/kg	U	U	23
SIS18SS09	Benzo(k)fluoranthene	77	ug/kg	U	U	23
SIS18SS09	2,4-Dinitrophenol	780	ug/kg	U	U	230

SIS18SS09	2,4-Dinitrotoluene	84	ug/kg	U	U	25
SIS18SS09	Butylbenzyl phthalate	88	ug/kg	U	U	26
SIS18SS09	Benzo(g,h,i)perylene	90	ug/kg	U	U	27
SIS18SS09	Dimethyl phthalate	94	ug/kg	U	U	29
SIS18SS09	2-Nitroaniline	96	ug/kg	U	U	29
SIS18SS09	Isophorone	110	ug/kg	U	U	30
SIS18SS09	3,3'-Dichlorobenzidine	1000	ug/kg	U	U	310
SIS18SS09	Benzoic acid	1100	ug/kg	U	U	320
SIS18SS09	N-Nitroso-di-n-propylamine	120	ug/kg	U	U	33
SIS18SS09	Hexachlorobutadiene	110	ug/kg	U	U	34
SIS18SS09	4-Chlorophenyl phenyl ether	120	ug/kg	U	U	34
SIS18SS09	4-Nitroaniline	120	ug/kg	U	U	34
SIS18SS09	3-Nitroaniline	120	ug/kg	U	U	35
SIS18SS09	4-Nitrophenol	1200	ug/kg	U	U	350
SIS18SS09	Dibenzofuran	140	ug/kg	U	U	41
SIS18SS09	Diethyl phthalate	140	ug/kg	U	U	42
SIS18SS09	Di-n-octyl phthalate	140	ug/kg	U	U	43
SIS18SS09	Nitrobenzene	150	ug/kg	U	U	44
SIS18SS09	4-Chloroaniline	240	ug/kg	U	U	71
SIS18SS09	Pentachlorophenol	550	ug/kg	U	U	77
SIS18SS09	2-Methyl-4,6-dinitrophenol	550	ug/kg	U	U	78
SIS18SS09	Indeno(1,2,3-cd)pyrene	31	ug/kg	U	U	8.8
SIS18SS09	2,4,6-Trichlorophenol	290	ug/kg	U	U	84
SIS18SS09	2,4-Dimethylphenol	290	ug/kg	U	U	85
SIS18SS09	Benzyl alcohol	300	ug/kg	U	U	86
SIS18SS09	Naphthalene	33	ug/kg	U	U	9.9
SIS18SS09	Benzo(a)anthracene	13	ug/kg	J	J	9.9
SIS18SS09	Di-n-butyl phthalate	47	ug/kg	JB	J	44
SIS18SS09	Bis(2-ethylhexyl) phthalate	52	ug/kg	JB	U	31
SIS18SS10	Total Solids	80.3	%			1.0
SIS18SS10	Indeno(1,2,3-cd)pyrene	35	ug/kg	U	UJ	10
SIS18SS10	Naphthalene	37	ug/kg	U	UJ	11
SIS18SS10	4-Chloro-3-methylphenol	390	ug/kg	U	UJ	110
SIS18SS10	1,2-Dichlorobenzene	40	ug/kg	U	UJ	12
SIS18SS10	Anthracene	41	ug/kg	U	UJ	12
SIS18SS10	4-Bromophenyl phenyl ether	42	ug/kg	U	UJ	12
SIS18SS10	2,4-Dichlorophenol	400	ug/kg	U	UJ	120
SIS18SS10	2-Methylphenol	420	ug/kg	U	UJ	130
SIS18SS10	4-Methylphenol	440	ug/kg	U	UJ	130
SIS18SS10	2-Chlorophenol	440	ug/kg	U	UJ	130
SIS18SS10	2,4,5-Trichlorophenol	440	ug/kg	U	UJ	130
SIS18SS10	Fluorene	44	ug/kg	U	UJ	14
SIS18SS10	Benzo(b)fluoranthene	45	ug/kg	U	UJ	14
SIS18SS10	Carbazole	45	ug/kg	U	UJ	14
SIS18SS10	Dibenzo(a,h)anthracene	45	ug/kg	U	UJ	14
SIS18SS10	Pyrene	45	ug/kg	U	UJ	14
SIS18SS10	1,3-Dichlorobenzene	46	ug/kg	U	UJ	14
SIS18SS10	Bis(2-chloroisopropyl) ether	47	ug/kg	U	UJ	14
SIS18SS10	Phenanthrene	47	ug/kg	U	UJ	14
SIS18SS10	Chrysene	50	ug/kg	U	UJ	15
SIS18SS10	2-Nitrophenol	500	ug/kg	U	UJ	150
SIS18SS10	Phenol	510	ug/kg	U	UJ	150

SIS18SS10	1,4-Dichlorobenzene	52	ug/kg	U	UJ	16
SIS18SS10	2-Chloronaphthalene	56	ug/kg	U	UJ	16
SIS18SS10	Bis(2-chloroethyl) ether	57	ug/kg	U	UJ	17
SIS18SS10	Hexachlorobenzene	62	ug/kg	U	UJ	19
SIS18SS10	Acenaphthene	63	ug/kg	U	UJ	19
SIS18SS10	1,2,4-Trichlorobenzene	66	ug/kg	U	UJ	20
SIS18SS10	Hexachloroethane	68	ug/kg	U	UJ	21
SIS18SS10	N-Nitrosodiphenylamine	71	ug/kg	U	UJ	21
SIS18SS10	Benzo(a)pyrene	78	ug/kg	U	UJ	24
SIS18SS10	2-Methylnaphthalene	81	ug/kg	U	UJ	24
SIS18SS10	2,6-Dinitrotoluene	83	ug/kg	U	UJ	25
SIS18SS10	Acenaphthylene	83	ug/kg	U	UJ	25
SIS18SS10	Bis(2-chloroethoxy)methane	83	ug/kg	U	UJ	25
SIS18SS10	Fluoranthene	86	ug/kg	U	UJ	26
SIS18SS10	Benzo(k)fluoranthene	87	ug/kg	U	UJ	26
SIS18SS10	2,4-Dinitrophenol	880	ug/kg	U	UJ	260
SIS18SS10	2,4-Dinitrotoluene	95	ug/kg	U	UJ	29
SIS18SS10	Butylbenzyl phthalate	120	ug/kg	U	UJ	30
SIS18SS10	Benzo(g,h,i)perylene	120	ug/kg	U	UJ	31
SIS18SS10	Dimethyl phthalate	120	ug/kg	U	UJ	32
SIS18SS10	2-Nitroaniline	120	ug/kg	U	UJ	32
SIS18SS10	Isophorone	120	ug/kg	U	UJ	34
SIS18SS10	3,3'-Dichlorobenzidine	1200	ug/kg	U	UJ	350
SIS18SS10	Benzoic acid	1200	ug/kg	U	UJ	360
SIS18SS10	N-Nitroso-di-n-propylamine	140	ug/kg	U	UJ	37
SIS18SS10	Hexachlorobutadiene	130	ug/kg	U	UJ	39
SIS18SS10	4-Chlorophenyl phenyl ether	140	ug/kg	U	UJ	39
SIS18SS10	4-Nitroaniline	140	ug/kg	U	UJ	39
SIS18SS10	3-Nitroaniline	140	ug/kg	U	UJ	40
SIS18SS10	4-Nitrophenol	1400	ug/kg	U	UJ	400
SIS18SS10	Dibenzofuran	160	ug/kg	U	UJ	46
SIS18SS10	Diethyl phthalate	160	ug/kg	U	UJ	47
SIS18SS10	Di-n-octyl phthalate	160	ug/kg	U	UJ	49
SIS18SS10	Nitrobenzene	170	ug/kg	U	UJ	50
SIS18SS10	4-Chloroaniline	270	ug/kg	U	UJ	81
SIS18SS10	Pentachlorophenol	620	ug/kg	U	UJ	87
SIS18SS10	2-Methyl-4,6-dinitrophenol	620	ug/kg	U	UJ	88
SIS18SS10	2,4,6-Trichlorophenol	320	ug/kg	U	UJ	95
SIS18SS10	2,4-Dimethylphenol	320	ug/kg	U	UJ	96
SIS18SS10	Benzyl alcohol	340	ug/kg	U	UJ	97
SIS18SS10	Benzo(a)anthracene	15	ug/kg	J	J	11
SIS18SS10	Bis(2-ethylhexyl) phthalate	150	ug/kg	B	U	35
SIS18SS10	Di-n-butyl phthalate	56	ug/kg	JB	J	50
SIS18SS11	Total Solids	87	%			1.0
SIS18SS11	Benzo(a)anthracene	33	ug/kg	U	U	10
SIS18SS11	Naphthalene	35	ug/kg	U	U	10
SIS18SS11	4-Chloro-3-methylphenol	360	ug/kg	U	U	110
SIS18SS11	2,4-Dichlorophenol	370	ug/kg	U	U	110
SIS18SS11	1,2-Dichlorobenzene	37	ug/kg	U	U	12
SIS18SS11	Anthracene	38	ug/kg	U	U	12
SIS18SS11	4-Bromophenyl phenyl ether	39	ug/kg	U	U	12
SIS18SS11	2-Methylphenol	390	ug/kg	U	U	120

SIS18SS11	4-Methylphenol	400	ug/kg	U	U	120
SIS18SS11	2-Chlorophenol	400	ug/kg	U	U	120
SIS18SS11	2,4,5-Trichlorophenol	400	ug/kg	U	U	120
SIS18SS11	Fluorene	40	ug/kg	U	U	13
SIS18SS11	Benzo(b)fluoranthene	42	ug/kg	U	U	13
SIS18SS11	Carbazole	42	ug/kg	U	U	13
SIS18SS11	Dibenzo(a,h)anthracene	42	ug/kg	U	U	13
SIS18SS11	Pyrene	42	ug/kg	U	U	13
SIS18SS11	1,3-Dichlorobenzene	43	ug/kg	U	U	13
SIS18SS11	Bis(2-chloroisopropyl) ether	44	ug/kg	U	U	13
SIS18SS11	Phenanthrene	44	ug/kg	U	U	13
SIS18SS11	Chrysene	46	ug/kg	U	U	14
SIS18SS11	2-Nitrophenol	460	ug/kg	U	U	140
SIS18SS11	Phenol	470	ug/kg	U	U	140
SIS18SS11	1,4-Dichlorobenzene	48	ug/kg	U	U	15
SIS18SS11	2-Chloronaphthalene	52	ug/kg	U	U	15
SIS18SS11	Bis(2-chloroethyl) ether	53	ug/kg	U	U	16
SIS18SS11	Hexachlorobenzene	58	ug/kg	U	U	17
SIS18SS11	Acenaphthene	59	ug/kg	U	U	17
SIS18SS11	1,2,4-Trichlorobenzene	61	ug/kg	U	U	18
SIS18SS11	Hexachloroethane	63	ug/kg	U	U	20
SIS18SS11	N-Nitrosodiphenylamine	66	ug/kg	U	U	20
SIS18SS11	Benzo(a)pyrene	73	ug/kg	U	U	22
SIS18SS11	2-Methylnaphthalene	75	ug/kg	U	U	22
SIS18SS11	2,6-Dinitrotoluene	77	ug/kg	U	U	23
SIS18SS11	Acenaphthylene	77	ug/kg	U	U	23
SIS18SS11	Bis(2-chloroethoxy)methane	77	ug/kg	U	U	23
SIS18SS11	Fluoranthene	80	ug/kg	U	U	24
SIS18SS11	Benzo(k)fluoranthene	81	ug/kg	U	U	24
SIS18SS11	2,4-Dinitrophenol	820	ug/kg	U	U	240
SIS18SS11	2,4-Dinitrotoluene	88	ug/kg	U	U	27
SIS18SS11	Butylbenzyl phthalate	92	ug/kg	U	U	28
SIS18SS11	Benzo(g,h,i)perylene	95	ug/kg	U	U	29
SIS18SS11	2-Nitroaniline	120	ug/kg	U	U	30
SIS18SS11	Dimethyl phthalate	99	ug/kg	U	U	30
SIS18SS11	Isophorone	120	ug/kg	U	U	31
SIS18SS11	3,3'-Dichlorobenzidine	1100	ug/kg	U	U	320
SIS18SS11	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	35
SIS18SS11	Hexachlorobutadiene	120	ug/kg	U	U	36
SIS18SS11	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	36
SIS18SS11	4-Nitroaniline	130	ug/kg	U	U	36
SIS18SS11	3-Nitroaniline	130	ug/kg	U	U	37
SIS18SS11	4-Nitrophenol	1300	ug/kg	U	U	370
SIS18SS11	Dibenzofuran	150	ug/kg	U	U	43
SIS18SS11	Diethyl phthalate	150	ug/kg	U	U	44
SIS18SS11	Di-n-octyl phthalate	150	ug/kg	U	U	45
SIS18SS11	Nitrobenzene	160	ug/kg	U	U	46
SIS18SS11	4-Chloroaniline	250	ug/kg	U	U	75
SIS18SS11	Pentachlorophenol	580	ug/kg	U	U	81
SIS18SS11	2-Methyl-4,6-dinitrophenol	580	ug/kg	U	U	82
SIS18SS11	2,4,6-Trichlorophenol	300	ug/kg	U	U	88
SIS18SS11	2,4-Dimethylphenol	300	ug/kg	U	U	89

SIS18SS11	Indeno(1,2,3-cd)pyrene	32	ug/kg	U	U	9.2
SIS18SS11	Benzyl alcohol	310	ug/kg	U	U	90
SIS18SS11	Bis(2-ethylhexyl) phthalate	180	ug/kg	B	U	32
SIS18SS11	Benzoic acid	450	ug/kg	J	J	340
SIS18SS11	Di-n-butyl phthalate	51	ug/kg	JB	J	46
SIS18SS12	Total Solids	71.7	%			1.0
SIS18SS12	2,4,6-Trichlorophenol	360	ug/kg	U	U	110
SIS18SS12	2,4-Dimethylphenol	360	ug/kg	U	U	110
SIS18SS12	Benzyl alcohol	370	ug/kg	U	U	110
SIS18SS12	Naphthalene	41	ug/kg	U	U	12
SIS18SS12	4-Chloro-3-methylphenol	430	ug/kg	U	U	130
SIS18SS12	2,4-Dichlorophenol	440	ug/kg	U	U	130
SIS18SS12	1,2-Dichlorobenzene	44	ug/kg	U	U	14
SIS18SS12	Anthracene	46	ug/kg	U	U	14
SIS18SS12	4-Bromophenyl phenyl ether	47	ug/kg	U	U	14
SIS18SS12	2-Methylphenol	470	ug/kg	U	U	140
SIS18SS12	4-Methylphenol	480	ug/kg	U	U	140
SIS18SS12	Fluorene	48	ug/kg	U	U	15
SIS18SS12	Carbazole	50	ug/kg	U	U	15
SIS18SS12	Dibenzo(a,h)anthracene	50	ug/kg	U	U	15
SIS18SS12	1,3-Dichlorobenzene	51	ug/kg	U	U	15
SIS18SS12	Bis(2-chloroisopropyl) ether	53	ug/kg	U	U	15
SIS18SS12	2-Chlorophenol	480	ug/kg	U	U	150
SIS18SS12	2,4,5-Trichlorophenol	480	ug/kg	U	U	150
SIS18SS12	2-Nitrophenol	550	ug/kg	U	U	160
SIS18SS12	Phenol	570	ug/kg	U	U	170
SIS18SS12	1,4-Dichlorobenzene	58	ug/kg	U	U	18
SIS18SS12	2-Chloronaphthalene	62	ug/kg	U	U	18
SIS18SS12	Bis(2-chloroethyl) ether	64	ug/kg	U	U	19
SIS18SS12	Hexachlorobenzene	69	ug/kg	U	U	21
SIS18SS12	Acenaphthene	70	ug/kg	U	U	21
SIS18SS12	1,2,4-Trichlorobenzene	73	ug/kg	U	U	22
SIS18SS12	Hexachloroethane	76	ug/kg	U	U	23
SIS18SS12	N-Nitrosodiphenylamine	79	ug/kg	U	U	23
SIS18SS12	2-Methylnaphthalene	90	ug/kg	U	U	26
SIS18SS12	2,6-Dinitrotoluene	93	ug/kg	U	U	28
SIS18SS12	Acenaphthylene	93	ug/kg	U	U	28
SIS18SS12	Bis(2-chloroethoxy)methane	93	ug/kg	U	U	28
SIS18SS12	2,4-Dinitrophenol	980	ug/kg	U	U	290
SIS18SS12	2,4-Dinitrotoluene	140	ug/kg	U	U	32
SIS18SS12	Dimethyl phthalate	140	ug/kg	U	U	36
SIS18SS12	2-Nitroaniline	140	ug/kg	U	U	36
SIS18SS12	Isophorone	140	ug/kg	U	U	37
SIS18SS12	3,3'-Dichlorobenzidine	1300	ug/kg	U	U	380
SIS18SS12	N-Nitroso-di-n-propylamine	150	ug/kg	U	U	41
SIS18SS12	Hexachlorobutadiene	140	ug/kg	U	U	43
SIS18SS12	4-Chlorophenyl phenyl ether	150	ug/kg	U	U	43
SIS18SS12	4-Nitroaniline	150	ug/kg	U	U	43
SIS18SS12	3-Nitroaniline	150	ug/kg	U	U	44
SIS18SS12	4-Nitrophenol	1500	ug/kg	U	U	450
SIS18SS12	Dibenzofuran	180	ug/kg	U	U	51
SIS18SS12	Diethyl phthalate	180	ug/kg	U	U	53

SIS18SS12	Di-n-octyl phthalate	180	ug/kg	U	U	54
SIS18SS12	Nitrobenzene	190	ug/kg	U	U	55
SIS18SS12	4-Chloroaniline	300	ug/kg	U	U	90
SIS18SS12	Pentachlorophenol	690	ug/kg	U	U	97
SIS18SS12	2-Methyl-4,6-dinitrophenol	690	ug/kg	U	U	98
SIS18SS12	Butylbenzyl phthalate	130	ug/kg	J	J	33
SIS18SS12	Di-n-butyl phthalate	130	ug/kg	JB	J	55
SIS18SS12	Phenanthrene	130	ug/kg	J	J	15
SIS18SS12	Chrysene	160	ug/kg			17
SIS18SS12	Benzo(a)pyrene	160	ug/kg			26
SIS18SS12	Benzo(a)anthracene	180	ug/kg			12
SIS18SS12	Bis(2-ethylhexyl) phthalate	2000	ug/kg	B		39
SIS18SS12	Benzo(b)fluoranthene	290	ug/kg			15
SIS18SS12	Pyrene	290	ug/kg			15
SIS18SS12	Fluoranthene	360	ug/kg			29
SIS18SS12	Benzoic acid	600	ug/kg	J	J	400
SIS18SS12	Indeno(1,2,3-cd)pyrene	81	ug/kg	J	J	11
SIS18SS12	Benzo(g,h,i)perylene	83	ug/kg	J	J	35
SIS18SS12	Benzo(k)fluoranthene	91	ug/kg	J	J	29
SIS18SS14	Total Solids	34.7	%			1.0
SIS18SS14	Magnesium	1070	mg/kg		J	0.35
SIS18SS14	Copper	1400	mg/kg			0.17
SIS18SS14	Aluminum	4240	mg/kg			0.12
SIS18SS14	Iron	7180	mg/kg		J	0.86
SIS18SS14	Manganese	82.9	mg/kg		J	0.046
SIS18SS14	Calcium	9150	mg/kg			0.17
SIS18SS15	Total Solids	75.8	%			1.0
SIS18SS15	Calcium	1760	mg/kg			0.079
SIS18SS15	Aluminum	4780	mg/kg			0.053
SIS18SS15	Iron	5470	mg/kg		J	0.40
SIS18SS15	Manganese	74.5	mg/kg		J	0.021
SIS18SS15	Copper	76.8	mg/kg			0.079
SIS18SS15	Magnesium	838	mg/kg		J	0.16
SIS18SS16	Total Solids	65.1	%			1.0
SIS18SS16	Magnesium	1110	mg/kg		J	0.18
SIS18SS16	Copper	163	mg/kg			0.091
SIS18SS16	Iron	17100	mg/kg		J	0.46
SIS18SS16	Calcium	2430	mg/kg			0.091
SIS18SS16	Manganese	73.4	mg/kg		J	0.024
SIS18SS16	Aluminum	14600	mg/kg			0.061
SIS18SS17	Total Solids	66.7	%			1.0
SIS18SS17	Magnesium	1080	mg/kg		J	0.18
SIS18SS17	Iron	10800	mg/kg		J	0.45
SIS18SS17	Copper	16.8	mg/kg			0.090
SIS18SS17	Calcium	306	mg/kg			0.090
SIS18SS17	Manganese	56.2	mg/kg		J	0.024
SIS18SS17	Aluminum	6670	mg/kg			0.060
SIS18SS18	Total Solids	69.6	%			1.0
SIS18SS18	Magnesium	1220	mg/kg		J	0.17
SIS18SS18	Calcium	1900	mg/kg			0.086
SIS18SS18	Manganese	261	mg/kg		J	0.023
SIS18SS18	Copper	34	mg/kg			0.086

SIS18SS18	Iron	7650	mg/kg		J	0.43
SIS18SS18	Aluminum	7760	mg/kg			0.057
SIS18SS19	Total Solids	54.7	%			1.0
SIS18SS19	Magnesium	1040	mg/kg		J	0.22
SIS18SS19	Calcium	3770	mg/kg			0.11
SIS18SS19	Manganese	87.8	mg/kg		J	0.029
SIS18SS19	Iron	9280	mg/kg		J	0.55
SIS18SS19	Copper	987	mg/kg			0.11
SIS18SS19	Aluminum	6900	mg/kg			0.073
SIS18SS20	Total Solids	74.3	%			1.0
SIS18SS20	Calcium	2080	mg/kg			0.081
SIS18SS20	Copper	251	mg/kg			0.081
SIS18SS20	Iron	5620	mg/kg		J	0.40
SIS18SS20	Manganese	64.9	mg/kg		J	0.022
SIS18SS20	Magnesium	851	mg/kg		J	0.16
SIS18SS20	Aluminum	4170	mg/kg			0.054
SIS18SS21	Total Solids	71	%			1.0
SIS18SS21	Calcium	1250	mg/kg			0.085
SIS18SS21	Manganese	31.1	mg/kg		J	0.023
SIS18SS21	Copper	43.3	mg/kg			0.085
SIS18SS21	Aluminum	3630	mg/kg			0.056
SIS18SS21	Iron	4080	mg/kg		J	0.42
SIS18SS21	Magnesium	641	mg/kg		J	0.17
SIS18SS22	Total Solids	48.2	%			1.0
SIS18SS22	Copper	2810	mg/kg			0.12
SIS18SS22	Manganese	38.7	mg/kg		J	0.033
SIS18SS22	Calcium	4240	mg/kg			0.12
SIS18SS22	Iron	6170	mg/kg		J	0.62
SIS18SS22	Magnesium	923	mg/kg		J	0.25
SIS18SS22	Aluminum	4690	mg/kg			0.083
SIS18SS23	Total Solids	88.3	%			1.0
SIS18SS23	Copper	21.6	mg/kg			0.068
SIS18SS23	Manganese	41.3	mg/kg		J	0.018
SIS18SS23	Calcium	762	mg/kg			0.068
SIS18SS23	Aluminum	4110	mg/kg			0.045
SIS18SS23	Iron	5380	mg/kg		J	0.34
SIS18SS23	Magnesium	815	mg/kg		J	0.14
SIS18SS24	Total Solids	85.4	%			1.0
SIS18SS24	Manganese	31.9	mg/kg		J	0.019
SIS18SS24	Iron	4190	mg/kg		J	0.35
SIS18SS24	Magnesium	512	mg/kg		J	0.14
SIS18SS24	Copper	6.1	mg/kg			0.070
SIS18SS24	Calcium	641	mg/kg			0.070
SIS18SS24	Aluminum	4270	mg/kg			0.47
SIS18SS25	Total Solids	60.8	%			1.0
SIS18SS25	Manganese	190	mg/kg		J	0.026
SIS18SS25	Copper	223	mg/kg			0.099
SIS18SS25	Calcium	3390	mg/kg			0.099
SIS18SS25	Magnesium	1040	mg/kg		J	0.20
SIS18SS25	Aluminum	7690	mg/kg			0.066
SIS18SS25	Iron	8630	mg/kg		J	0.49
SIS18SS25	4-Chloroaniline	360	ug/kg	U	U	110

SIS18SS25	Pentachlorophenol	820	ug/kg	U	UJ	120
SIS18SS25	2-Methyl-4,6-dinitrophenol	820	ug/kg	U	UJ	120
SIS18SS25	2,4,6-Trichlorophenol	430	ug/kg	U	UJ	130
SIS18SS25	2,4-Dimethylphenol	430	ug/kg	U	UJ	130
SIS18SS25	Benzyl alcohol	440	ug/kg	U	U	130
SIS18SS25	Naphthalene	49	ug/kg	U	U	15
SIS18SS25	4-Chloro-3-methylphenol	510	ug/kg	U	UJ	150
SIS18SS25	2,4-Dichlorophenol	530	ug/kg	U	UJ	150
SIS18SS25	1,2-Dichlorobenzene	53	ug/kg	U	U	16
SIS18SS25	Anthracene	54	ug/kg	U	U	16
SIS18SS25	4-Bromophenyl phenyl ether	56	ug/kg	U	U	16
SIS18SS25	2-Methylphenol	560	ug/kg	U	UJ	170
SIS18SS25	4-Methylphenol	580	ug/kg	U	UJ	170
SIS18SS25	2-Chlorophenol	580	ug/kg	U	UJ	170
SIS18SS25	2,4,5-Trichlorophenol	580	ug/kg	U	UJ	170
SIS18SS25	Fluorene	58	ug/kg	U	U	18
SIS18SS25	Carbazole	59	ug/kg	U	U	18
SIS18SS25	Dibenzo(a,h)anthracene	59	ug/kg	U	U	18
SIS18SS25	1,3-Dichlorobenzene	61	ug/kg	U	U	18
SIS18SS25	Bis(2-chloroisopropyl) ether	63	ug/kg	U	U	18
SIS18SS25	2-Nitrophenol	660	ug/kg	U	UJ	190
SIS18SS25	Phenol	670	ug/kg	U	UJ	200
SIS18SS25	1,4-Dichlorobenzene	69	ug/kg	U	U	21
SIS18SS25	2-Chloronaphthalene	74	ug/kg	U	U	21
SIS18SS25	Bis(2-chloroethyl) ether	76	ug/kg	U	U	23
SIS18SS25	Hexachlorobenzene	82	ug/kg	U	U	25
SIS18SS25	Acenaphthene	84	ug/kg	U	U	25
SIS18SS25	1,2,4-Trichlorobenzene	87	ug/kg	U	U	26
SIS18SS25	Hexachloroethane	90	ug/kg	U	U	28
SIS18SS25	N-Nitrosodiphenylamine	94	ug/kg	U	U	28
SIS18SS25	2-Methylnaphthalene	160	ug/kg	U	U	31
SIS18SS25	2,6-Dinitrotoluene	160	ug/kg	U	U	33
SIS18SS25	Acenaphthylene	160	ug/kg	U	U	33
SIS18SS25	Bis(2-chloroethoxy)methane	160	ug/kg	U	U	33
SIS18SS25	Benzo(k)fluoranthene	160	ug/kg	U	U	35
SIS18SS25	2,4-Dinitrophenol	1200	ug/kg	U	UJ	350
SIS18SS25	2,4-Dinitrotoluene	160	ug/kg	U	U	38
SIS18SS25	Benzo(g,h,i)perylene	160	ug/kg	U	U	41
SIS18SS25	Dimethyl phthalate	160	ug/kg	U	U	43
SIS18SS25	2-Nitroaniline	160	ug/kg	U	U	43
SIS18SS25	Isophorone	160	ug/kg	U	U	44
SIS18SS25	3,3'-Dichlorobenzidine	1500	ug/kg	U	UJ	460
SIS18SS25	N-Nitroso-di-n-propylamine	180	ug/kg	U	U	49
SIS18SS25	Hexachlorobutadiene	170	ug/kg	U	U	51
SIS18SS25	4-Chlorophenyl phenyl ether	180	ug/kg	U	U	51
SIS18SS25	4-Nitroaniline	180	ug/kg	U	U	51
SIS18SS25	3-Nitroaniline	180	ug/kg	U	U	53
SIS18SS25	4-Nitrophenol	1800	ug/kg	U	UJ	530
SIS18SS25	Dibenzofuran	210	ug/kg	U	U	61
SIS18SS25	Diethyl phthalate	210	ug/kg	U	U	63
SIS18SS25	Di-n-octyl phthalate	210	ug/kg	U	U	64
SIS18SS25	Nitrobenzene	230	ug/kg	U	U	66

SIS18SS25	Benzo(b)fluoranthene	120	ug/kg	J	J	18
SIS18SS25	Pyrene	120	ug/kg	J	J	18
SIS18SS25	Fluoranthene	140	ug/kg	J	J	35
SIS18SS25	Di-n-butyl phthalate	160	ug/kg	JB	J	66
SIS18SS25	Indeno(1,2,3-cd)pyrene	31	ug/kg	J	J	13
SIS18SS25	Phenanthrene	48	ug/kg	J	J	18
SIS18SS25	Benzo(a)pyrene	56	ug/kg	J	J	31
SIS18SS25	Butylbenzyl phthalate	63	ug/kg	J	J	39
SIS18SS25	Bis(2-ethylhexyl) phthalate	650	ug/kg	B	U	46
SIS18SS25	Benzo(a)anthracene	69	ug/kg	J	J	15
SIS18SS25	Benzoic acid	720	ug/kg	J	J	480
SIS18SS25	Chrysene	73	ug/kg	J	J	20
SIS18SS25 DUPE	Total Solids	68	%			1.0
SIS18SS25 DUPE	Manganese	154	mg/kg		J	0.024
SIS18SS25 DUPE	Copper	217	mg/kg			0.088
SIS18SS25 DUPE	Calcium	3020	mg/kg			0.088
SIS18SS25 DUPE	Magnesium	1040	mg/kg		J	0.18
SIS18SS25 DUPE	Aluminum	7280	mg/kg			0.059
SIS18SS25 DUPE	Iron	8640	mg/kg		J	0.44
SIS18SS25 DUPE	Pentachlorophenol	730	ug/kg	U	UJ	100
SIS18SS25 DUPE	2-Methyl-4,6-dinitrophenol	730	ug/kg	U	UJ	100
SIS18SS25 DUPE	2,4,6-Trichlorophenol	380	ug/kg	U	UJ	110
SIS18SS25 DUPE	2,4-Dimethylphenol	380	ug/kg	U	UJ	110
SIS18SS25 DUPE	Benzyl alcohol	400	ug/kg	U	UJ	110
SIS18SS25 DUPE	Naphthalene	44	ug/kg	U	UJ	13
SIS18SS25 DUPE	4-Chloro-3-methylphenol	450	ug/kg	U	UJ	130
SIS18SS25 DUPE	2,4-Dichlorophenol	470	ug/kg	U	UJ	140
SIS18SS25 DUPE	1,2-Dichlorobenzene	47	ug/kg	U	UJ	15
SIS18SS25 DUPE	Anthracene	48	ug/kg	U	UJ	15
SIS18SS25 DUPE	4-Bromophenyl phenyl ether	50	ug/kg	U	UJ	15
SIS18SS25 DUPE	2-Methylphenol	500	ug/kg	U	UJ	150
SIS18SS25 DUPE	4-Methylphenol	510	ug/kg	U	UJ	150
SIS18SS25 DUPE	2-Chlorophenol	510	ug/kg	U	UJ	150
SIS18SS25 DUPE	2,4,5-Trichlorophenol	510	ug/kg	U	UJ	150
SIS18SS25 DUPE	Fluorene	51	ug/kg	U	UJ	16
SIS18SS25 DUPE	Carbazole	53	ug/kg	U	UJ	16
SIS18SS25 DUPE	Dibenzo(a,h)anthracene	53	ug/kg	U	UJ	16
SIS18SS25 DUPE	1,3-Dichlorobenzene	54	ug/kg	U	UJ	16
SIS18SS25 DUPE	Bis(2-chloroisopropyl) ether	56	ug/kg	U	UJ	16
SIS18SS25 DUPE	2-Nitrophenol	590	ug/kg	U	UJ	170
SIS18SS25 DUPE	Phenol	600	ug/kg	U	UJ	180
SIS18SS25 DUPE	1,4-Dichlorobenzene	62	ug/kg	U	UJ	19
SIS18SS25 DUPE	2-Chloronaphthalene	66	ug/kg	U	UJ	19
SIS18SS25 DUPE	Bis(2-chloroethyl) ether	68	ug/kg	U	UJ	21
SIS18SS25 DUPE	Hexachlorobenzene	73	ug/kg	U	UJ	22
SIS18SS25 DUPE	Acenaphthene	75	ug/kg	U	UJ	22
SIS18SS25 DUPE	1,2,4-Trichlorobenzene	78	ug/kg	U	UJ	23
SIS18SS25 DUPE	Hexachloroethane	81	ug/kg	U	UJ	25
SIS18SS25 DUPE	N-Nitrosodiphenylamine	84	ug/kg	U	UJ	25
SIS18SS25 DUPE	Benzo(a)pyrene	92	ug/kg	U	UJ	28
SIS18SS25 DUPE	2-Methylnaphthalene	95	ug/kg	U	UJ	28
SIS18SS25 DUPE	2,6-Dinitrotoluene	98	ug/kg	U	UJ	29

SIS18SS25 DUPE	Acenaphthylene	98	ug/kg	U	UJ	29
SIS18SS25 DUPE	Bis(2-chloroethoxy)methane	98	ug/kg	U	UJ	29
SIS18SS25 DUPE	Benzo(k)fluoranthene	150	ug/kg	U	UJ	31
SIS18SS25 DUPE	2,4-Dinitrophenol	1000	ug/kg	U	UJ	310
SIS18SS25 DUPE	2,4-Dinitrotoluene	150	ug/kg	U	UJ	34
SIS18SS25 DUPE	Butylbenzyl phthalate	150	ug/kg	U	UJ	35
SIS18SS25 DUPE	Benzo(g,h,i)perylene	150	ug/kg	U	UJ	37
SIS18SS25 DUPE	Dimethyl phthalate	150	ug/kg	U	UJ	38
SIS18SS25 DUPE	2-Nitroaniline	150	ug/kg	U	UJ	38
SIS18SS25 DUPE	Isophorone	150	ug/kg	U	UJ	40
SIS18SS25 DUPE	3,3'-Dichlorobenzidine	1400	ug/kg	U	UJ	410
SIS18SS25 DUPE	N-Nitroso-di-n-propylamine	160	ug/kg	U	UJ	44
SIS18SS25 DUPE	Hexachlorobutadiene	150	ug/kg	U	UJ	45
SIS18SS25 DUPE	4-Chlorophenyl phenyl ether	160	ug/kg	U	UJ	45
SIS18SS25 DUPE	4-Nitroaniline	160	ug/kg	U	UJ	45
SIS18SS25 DUPE	3-Nitroaniline	160	ug/kg	U	UJ	47
SIS18SS25 DUPE	4-Nitrophenol	1600	ug/kg	U	UJ	470
SIS18SS25 DUPE	Dibenzofuran	190	ug/kg	U	UJ	54
SIS18SS25 DUPE	Diethyl phthalate	190	ug/kg	U	UJ	56
SIS18SS25 DUPE	Di-n-octyl phthalate	190	ug/kg	U	UJ	57
SIS18SS25 DUPE	Nitrobenzene	210	ug/kg	U	UJ	59
SIS18SS25 DUPE	4-Chloroaniline	320	ug/kg	U	UJ	95
SIS18SS25 DUPE	Di-n-butyl phthalate	110	ug/kg	JB	J	59
SIS18SS25 DUPE	Indeno(1,2,3-cd)pyrene	17	ug/kg	J	J	12
SIS18SS25 DUPE	Chrysene	18	ug/kg	J	J	18
SIS18SS25 DUPE	Phenanthrene	19	ug/kg	J	J	16
SIS18SS25 DUPE	Benzo(a)anthracene	40	ug/kg	J	J	13
SIS18SS25 DUPE	Benzo(b)fluoranthene	41	ug/kg	J	J	16
SIS18SS25 DUPE	Pyrene	41	ug/kg	J	J	16
SIS18SS25 DUPE	Bis(2-ethylhexyl) phthalate	440	ug/kg	B	U	41
SIS18SS25 DUPE	Fluoranthene	49	ug/kg	J	J	31
SIS18SS25 DUPE	Benzoic acid	610	ug/kg	J	J	430
SIS18SS26	Total Solids	84.8	%			1.0
SIS18SS26	Calcium	1020	mg/kg			0.071
SIS18SS26	Copper	31.8	mg/kg			0.071
SIS18SS26	Manganese	41.0	mg/kg		J	0.019
SIS18SS26	Aluminum	4040	mg/kg			0.047
SIS18SS26	Iron	4920	mg/kg		J	0.35
SIS18SS26	Magnesium	823	mg/kg		J	0.14
SIS18SS26	Naphthalene	35	ug/kg	U	U	11
SIS18SS26	4-Chloro-3-methylphenol	360	ug/kg	U	U	110
SIS18SS26	2,4-Dichlorophenol	380	ug/kg	U	U	110
SIS18SS26	1,2-Dichlorobenzene	38	ug/kg	U	U	12
SIS18SS26	Anthracene	39	ug/kg	U	U	12
SIS18SS26	4-Bromophenyl phenyl ether	40	ug/kg	U	U	12
SIS18SS26	2-Methylphenol	400	ug/kg	U	U	120
SIS18SS26	4-Methylphenol	410	ug/kg	U	U	120
SIS18SS26	2-Chlorophenol	410	ug/kg	U	U	120
SIS18SS26	2,4,5-Trichlorophenol	410	ug/kg	U	U	120
SIS18SS26	Fluorene	41	ug/kg	U	U	13
SIS18SS26	Benzo(b)fluoranthene	42	ug/kg	U	U	13
SIS18SS26	Carbazole	42	ug/kg	U	U	13

SIS18SS26	Dibenzo(a,h)anthracene	42	ug/kg	U	U	13
SIS18SS26	Pyrene	42	ug/kg	U	U	13
SIS18SS26	1,3-Dichlorobenzene	43	ug/kg	U	U	13
SIS18SS26	Bis(2-chloroisopropyl) ether	45	ug/kg	U	U	13
SIS18SS26	Phenanthrene	45	ug/kg	U	U	13
SIS18SS26	Chrysene	47	ug/kg	U	U	14
SIS18SS26	2-Nitrophenol	470	ug/kg	U	U	140
SIS18SS26	Phenol	480	ug/kg	U	U	140
SIS18SS26	1,4-Dichlorobenzene	49	ug/kg	U	U	15
SIS18SS26	2-Chloronaphthalene	53	ug/kg	U	U	15
SIS18SS26	Bis(2-chloroethyl) ether	54	ug/kg	U	U	16
SIS18SS26	Hexachlorobenzene	59	ug/kg	U	U	18
SIS18SS26	Acenaphthene	60	ug/kg	U	U	18
SIS18SS26	1,2,4-Trichlorobenzene	62	ug/kg	U	U	19
SIS18SS26	Hexachloroethane	65	ug/kg	U	U	20
SIS18SS26	N-Nitrosodiphenylamine	67	ug/kg	U	U	20
SIS18SS26	Benzo(a)pyrene	74	ug/kg	U	U	22
SIS18SS26	2-Methylnaphthalene	76	ug/kg	U	U	22
SIS18SS26	2,6-Dinitrotoluene	79	ug/kg	U	U	23
SIS18SS26	Acenaphthylene	79	ug/kg	U	U	23
SIS18SS26	Bis(2-chloroethoxy)methane	79	ug/kg	U	U	23
SIS18SS26	Fluoranthene	81	ug/kg	U	U	25
SIS18SS26	Benzo(k)fluoranthene	82	ug/kg	U	U	25
SIS18SS26	2,4-Dinitrophenol	830	ug/kg	U	U	250
SIS18SS26	2,4-Dinitrotoluene	89	ug/kg	U	U	27
SIS18SS26	Butylbenzyl phthalate	94	ug/kg	U	U	28
SIS18SS26	Benzo(g,h,i)perylene	96	ug/kg	U	U	29
SIS18SS26	Dimethyl phthalate	120	ug/kg	U	U	31
SIS18SS26	2-Nitroaniline	120	ug/kg	U	U	31
SIS18SS26	Isophorone	120	ug/kg	U	U	32
SIS18SS26	3,3'-Dichlorobenzidine	1100	ug/kg	U	U	330
SIS18SS26	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	35
SIS18SS26	Hexachlorobutadiene	120	ug/kg	U	U	36
SIS18SS26	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	36
SIS18SS26	4-Nitroaniline	130	ug/kg	U	U	36
SIS18SS26	3-Nitroaniline	130	ug/kg	U	U	38
SIS18SS26	4-Nitrophenol	1300	ug/kg	U	U	380
SIS18SS26	Dibenzofuran	150	ug/kg	U	U	43
SIS18SS26	Diethyl phthalate	150	ug/kg	U	U	45
SIS18SS26	Di-n-octyl phthalate	150	ug/kg	U	U	46
SIS18SS26	Nitrobenzene	160	ug/kg	U	U	47
SIS18SS26	4-Chloroaniline	260	ug/kg	U	U	76
SIS18SS26	Pentachlorophenol	590	ug/kg	U	U	82
SIS18SS26	2-Methyl-4,6-dinitrophenol	590	ug/kg	U	U	83
SIS18SS26	2,4,6-Trichlorophenol	310	ug/kg	U	U	89
SIS18SS26	Indeno(1,2,3-cd)pyrene	33	ug/kg	U	U	9.4
SIS18SS26	2,4-Dimethylphenol	310	ug/kg	U	U	90
SIS18SS26	Benzyl alcohol	320	ug/kg	U	U	92
SIS18SS26	Benzo(a)anthracene	14	ug/kg	J	J	11
SIS18SS26	Bis(2-ethylhexyl) phthalate	210	ug/kg	B	U	33
SIS18SS26	Benzoic acid	450	ug/kg	J	J	340
SIS18SS26	Di-n-butyl phthalate	60	ug/kg	JB	J	47

SIS18SS27	Total Solids	86.2	%			1.0
SIS18SS27	Copper	31	mg/kg			0.070
SIS18SS27	Manganese	37.7	mg/kg		J	0.019
SIS18SS27	Calcium	809	mg/kg			0.070
SIS18SS27	Aluminum	3770	mg/kg			0.046
SIS18SS27	Iron	4870	mg/kg		J	0.35
SIS18SS27	Magnesium	684	mg/kg		J	0.14
SIS18SS27	Benzo(a)anthracene	34	ug/kg	U	UJ	10
SIS18SS27	Naphthalene	35	ug/kg	U	UJ	10
SIS18SS27	4-Chloro-3-methylphenol	360	ug/kg	U	UJ	110
SIS18SS27	2,4-Dichlorophenol	370	ug/kg	U	UJ	110
SIS18SS27	1,2-Dichlorobenzene	37	ug/kg	U	UJ	12
SIS18SS27	Anthracene	38	ug/kg	U	UJ	12
SIS18SS27	4-Bromophenyl phenyl ether	39	ug/kg	U	UJ	12
SIS18SS27	2-Methylphenol	390	ug/kg	U	UJ	120
SIS18SS27	4-Methylphenol	410	ug/kg	U	UJ	120
SIS18SS27	2-Chlorophenol	410	ug/kg	U	UJ	120
SIS18SS27	2,4,5-Trichlorophenol	410	ug/kg	U	UJ	120
SIS18SS27	Fluorene	41	ug/kg	U	UJ	13
SIS18SS27	Benzo(b)fluoranthene	42	ug/kg	U	UJ	13
SIS18SS27	Carbazole	42	ug/kg	U	UJ	13
SIS18SS27	Dibenzo(a,h)anthracene	42	ug/kg	U	UJ	13
SIS18SS27	Pyrene	42	ug/kg	U	UJ	13
SIS18SS27	1,3-Dichlorobenzene	43	ug/kg	U	UJ	13
SIS18SS27	Bis(2-chloroisopropyl) ether	44	ug/kg	U	UJ	13
SIS18SS27	Phenanthrene	44	ug/kg	U	UJ	13
SIS18SS27	Chrysene	46	ug/kg	U	UJ	14
SIS18SS27	2-Nitrophenol	460	ug/kg	U	UJ	140
SIS18SS27	Phenol	480	ug/kg	U	UJ	140
SIS18SS27	1,4-Dichlorobenzene	49	ug/kg	U	UJ	15
SIS18SS27	2-Chloronaphthalene	52	ug/kg	U	UJ	15
SIS18SS27	Bis(2-chloroethyl) ether	53	ug/kg	U	UJ	16
SIS18SS27	Hexachlorobenzene	58	ug/kg	U	UJ	17
SIS18SS27	Acenaphthene	59	ug/kg	U	UJ	17
SIS18SS27	1,2,4-Trichlorobenzene	61	ug/kg	U	UJ	19
SIS18SS27	Hexachloroethane	64	ug/kg	U	UJ	20
SIS18SS27	N-Nitrosodiphenylamine	66	ug/kg	U	UJ	20
SIS18SS27	Benzo(a)pyrene	73	ug/kg	U	UJ	22
SIS18SS27	2-Methylnaphthalene	75	ug/kg	U	UJ	22
SIS18SS27	2,6-Dinitrotoluene	78	ug/kg	U	UJ	23
SIS18SS27	Acenaphthylene	78	ug/kg	U	UJ	23
SIS18SS27	Bis(2-chloroethoxy)methane	78	ug/kg	U	UJ	23
SIS18SS27	Fluoranthene	80	ug/kg	U	UJ	24
SIS18SS27	Benzo(k)fluoranthene	81	ug/kg	U	UJ	24
SIS18SS27	2,4-Dinitrophenol	820	ug/kg	U	UJ	240
SIS18SS27	2,4-Dinitrotoluene	88	ug/kg	U	UJ	27
SIS18SS27	Butylbenzyl phthalate	93	ug/kg	U	UJ	28
SIS18SS27	Benzo(g,h,i)perylene	95	ug/kg	U	UJ	29
SIS18SS27	Dimethyl phthalate	120	ug/kg	U	UJ	30
SIS18SS27	2-Nitroaniline	120	ug/kg	U	UJ	30
SIS18SS27	Isophorone	120	ug/kg	U	UJ	31
SIS18SS27	3,3'-Dichlorobenzidine	1100	ug/kg	U	UJ	320

SIS18SS27	Benzoic acid	1100	ug/kg	U	UJ	340
SIS18SS27	N-Nitroso-di-n-propylamine	130	ug/kg	U	UJ	35
SIS18SS27	Hexachlorobutadiene	120	ug/kg	U	UJ	36
SIS18SS27	4-Chlorophenyl phenyl ether	130	ug/kg	U	UJ	36
SIS18SS27	4-Nitroaniline	130	ug/kg	U	UJ	36
SIS18SS27	3-Nitroaniline	130	ug/kg	U	UJ	37
SIS18SS27	4-Nitrophenol	1300	ug/kg	U	UJ	370
SIS18SS27	Dibenzofuran	150	ug/kg	U	UJ	43
SIS18SS27	Diethyl phthalate	150	ug/kg	U	UJ	44
SIS18SS27	Di-n-octyl phthalate	150	ug/kg	U	UJ	45
SIS18SS27	Nitrobenzene	160	ug/kg	U	UJ	46
SIS18SS27	4-Chloroaniline	260	ug/kg	U	UJ	75
SIS18SS27	Pentachlorophenol	580	ug/kg	U	UJ	81
SIS18SS27	2-Methyl-4,6-dinitrophenol	580	ug/kg	U	UJ	82
SIS18SS27	2,4,6-Trichlorophenol	300	ug/kg	U	UJ	88
SIS18SS27	2,4-Dimethylphenol	300	ug/kg	U	UJ	89
SIS18SS27	Indeno(1,2,3-cd)pyrene	32	ug/kg	U	UJ	9.3
SIS18SS27	Benzyl alcohol	310	ug/kg	U	UJ	90
SIS18SS27	Bis(2-ethylhexyl) phthalate	190	ug/kg	B	U	32
SIS18SS27	Di-n-butyl phthalate	50	ug/kg	JB	J	46
SIS18SS29	Total Solids	84.7	%			1.0
SIS18SS29	Copper	4.4	mg/kg			0.070
SIS18SS29	Calcium	578	mg/kg			0.070
SIS18SS29	Manganese	75.6	mg/kg		J	0.019
SIS18SS29	Aluminum	3340	mg/kg			0.047
SIS18SS29	Iron	4740	mg/kg		J	0.35
SIS18SS29	Magnesium	561	mg/kg		J	0.14
SIS18SS30	Total Solids	79.8	%			1.0
SIS18SS30	Calcium	1130	mg/kg			0.075
SIS18SS30	Copper	138	mg/kg			0.075
SIS18SS30	Manganese	59.2	mg/kg		J	0.020
SIS18SS30	Magnesium	1350	mg/kg		J	0.15
SIS18SS30	Aluminum	6480	mg/kg			0.050
SIS18SS30	Iron	8360	mg/kg		J	0.38
SIS18SS31	Total Solids	80.6	%			1.0
SIS18SS31	Calcium	1410	mg/kg			0.074
SIS18SS31	Manganese	47.1	mg/kg		J	0.020
SIS18SS31	Copper	83.4	mg/kg			0.074
SIS18SS31	Aluminum	5460	mg/kg			0.050
SIS18SS31	Iron	6730	mg/kg		J	0.37
SIS18SS31	Magnesium	952	mg/kg		J	0.15
SIS18SS32	Total Solids	80.1	%			1.0
SIS18SS32	Copper	26.2	mg/kg			0.075
SIS18SS32	Aluminum	4030	mg/kg			0.050
SIS18SS32	Manganese	58.1	mg/kg		J	0.020
SIS18SS32	Iron	5960	mg/kg		J	0.37
SIS18SS32	Magnesium	655	mg/kg		J	0.15
SIS18SS32	Calcium	768	mg/kg			0.075
SIS18SS32 DUPE	Total Solids	77.8	%			1.0
SIS18SS32 DUPE	Copper	32.5	mg/kg			0.077
SIS18SS32 DUPE	Aluminum	5370	mg/kg			0.051
SIS18SS32 DUPE	Iron	6460	mg/kg		J	0.39

SIS18SS32 DUPE	Magnesium	762	mg/kg		J	0.15
SIS18SS32 DUPE	Manganese	79.0	mg/kg		J	0.021
SIS18SS32 DUPE	Calcium	819	mg/kg			0.077
SIS7SB04	Total Solids	46.8	%			1.0
SIS7SB04	4-Chloroaniline	470	ug/kg	U	U	140
SIS7SB04	Pentachlorophenol	510	ug/kg	U	R	150
SIS7SB04	2-Methyl-4,6-dinitrophenol	510	ug/kg	U	R	150
SIS7SB04	2,4,6-Trichlorophenol	550	ug/kg	U	R	160
SIS7SB04	2,4-Dimethylphenol	550	ug/kg	U	R	160
SIS7SB04	Benzyl alcohol	580	ug/kg	U	U	170
SIS7SB04	Naphthalene	64	ug/kg	U	U	19
SIS7SB04	4-Chloro-3-methylphenol	660	ug/kg	U	R	190
SIS7SB04	2,4-Dichlorophenol	680	ug/kg	U	R	200
SIS7SB04	1,2-Dichlorobenzene	68	ug/kg	U	U	21
SIS7SB04	Anthracene	70	ug/kg	U	U	21
SIS7SB04	4-Bromophenyl phenyl ether	72	ug/kg	U	U	21
SIS7SB04	2-Methylphenol	720	ug/kg	U	R	220
SIS7SB04	4-Methylphenol	750	ug/kg	U	R	220
SIS7SB04	2-Chlorophenol	750	ug/kg	U	R	220
SIS7SB04	2,4,5-Trichlorophenol	750	ug/kg	U	R	220
SIS7SB04	Fluorene	75	ug/kg	U	U	23
SIS7SB04	Carbazole	77	ug/kg	U	U	23
SIS7SB04	Dibenzo(a,h)anthracene	77	ug/kg	U	U	23
SIS7SB04	1,3-Dichlorobenzene	79	ug/kg	U	U	23
SIS7SB04	Bis(2-chloroisopropyl) ether	81	ug/kg	U	U	23
SIS7SB04	2-Nitrophenol	850	ug/kg	U	R	250
SIS7SB04	Phenol	870	ug/kg	U	R	260
SIS7SB04	1,4-Dichlorobenzene	89	ug/kg	U	U	28
SIS7SB04	2-Chloronaphthalene	96	ug/kg	U	U	28
SIS7SB04	Bis(2-chloroethyl) ether	98	ug/kg	U	U	30
SIS7SB04	Hexachlorobenzene	210	ug/kg	U	U	32
SIS7SB04	Acenaphthene	210	ug/kg	U	U	32
SIS7SB04	1,2,4-Trichlorobenzene	210	ug/kg	U	U	34
SIS7SB04	Hexachloroethane	210	ug/kg	U	U	36
SIS7SB04	N-Nitrosodiphenylamine	430	ug/kg	U	U	36
SIS7SB04	Benzo(a)pyrene	210	ug/kg	U	U	40
SIS7SB04	2-Methylnaphthalene	210	ug/kg	U	U	40
SIS7SB04	2,6-Dinitrotoluene	210	ug/kg	U	U	43
SIS7SB04	Acenaphthylene	210	ug/kg	U	U	43
SIS7SB04	Bis(2-chloroethoxy)methane	210	ug/kg	U	U	43
SIS7SB04	Benzo(k)fluoranthene	210	ug/kg	U	U	45
SIS7SB04	2,4-Dinitrophenol	1500	ug/kg	U	R	450
SIS7SB04	2,4-Dinitrotoluene	210	ug/kg	U	U	49
SIS7SB04	Butylbenzyl phthalate	210	ug/kg	U	U	51
SIS7SB04	Benzo(g,h,i)perylene	210	ug/kg	U	U	53
SIS7SB04	Dimethyl phthalate	210	ug/kg	U	U	55
SIS7SB04	2-Nitroaniline	210	ug/kg	U	U	55
SIS7SB04	Isophorone	210	ug/kg	U	U	58
SIS7SB04	3,3'-Dichlorobenzidine	2000	ug/kg	U	U	590
SIS7SB04	N-Nitroso-di-n-propylamine	230	ug/kg	U	U	64
SIS7SB04	Hexachlorobutadiene	220	ug/kg	U	U	66
SIS7SB04	4-Chlorophenyl phenyl ether	230	ug/kg	U	U	66

SIS7SB04	4-Nitroaniline	230	ug/kg	U	U	66
SIS7SB04	3-Nitroaniline	230	ug/kg	U	U	68
SIS7SB04	4-Nitrophenol	2300	ug/kg	U	R	690
SIS7SB04	Dibenzofuran	280	ug/kg	U	U	79
SIS7SB04	Diethyl phthalate	280	ug/kg	U	U	81
SIS7SB04	Di-n-octyl phthalate	280	ug/kg	U	U	83
SIS7SB04	Nitrobenzene	300	ug/kg	U	U	85
SIS7SB04	Di-n-butyl phthalate	130	ug/kg	JB	J	85
SIS7SB04	Indeno(1,2,3-cd)pyrene	22	ug/kg	J	J	17
SIS7SB04	Phenanthrene	27	ug/kg	J	J	23
SIS7SB04	Chrysene	28	ug/kg	J	J	26
SIS7SB04	Benzo(a)anthracene	30	ug/kg	J	J	19
SIS7SB04	Benzo(b)fluoranthene	40	ug/kg	J	J	23
SIS7SB04	Pyrene	42	ug/kg	J	J	23
SIS7SB04	Fluoranthene	55	ug/kg	J	J	45
SIS7SB04	Benzoic acid	980	ug/kg	J	J	620
SIS7SB04	Bis(2-ethylhexyl) phthalate	99	ug/kg	JB	U	60
SIS7SB04 DUPE	Total Solids	46.2	%			1.0
SIS7SB04 DUPE	4-Chloroaniline	480	ug/kg	U	U	140
SIS7SB04 DUPE	Pentachlorophenol	520	ug/kg	U	UJ	150
SIS7SB04 DUPE	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	UJ	150
SIS7SB04 DUPE	2,4,6-Trichlorophenol	560	ug/kg	U	UJ	160
SIS7SB04 DUPE	Indeno(1,2,3-cd)pyrene	61	ug/kg	U	U	17
SIS7SB04 DUPE	2,4-Dimethylphenol	560	ug/kg	U	UJ	170
SIS7SB04 DUPE	Benzyl alcohol	580	ug/kg	U	U	170
SIS7SB04 DUPE	Benzo(a)anthracene	63	ug/kg	U	U	19
SIS7SB04 DUPE	Naphthalene	65	ug/kg	U	U	19
SIS7SB04 DUPE	4-Chloro-3-methylphenol	670	ug/kg	U	UJ	200
SIS7SB04 DUPE	2,4-Dichlorophenol	690	ug/kg	U	UJ	200
SIS7SB04 DUPE	1,2-Dichlorobenzene	69	ug/kg	U	U	22
SIS7SB04 DUPE	Anthracene	71	ug/kg	U	U	22
SIS7SB04 DUPE	4-Bromophenyl phenyl ether	74	ug/kg	U	U	22
SIS7SB04 DUPE	2-Methylphenol	740	ug/kg	U	UJ	220
SIS7SB04 DUPE	4-Methylphenol	760	ug/kg	U	UJ	230
SIS7SB04 DUPE	2-Chlorophenol	760	ug/kg	U	UJ	230
SIS7SB04 DUPE	2,4,5-Trichlorophenol	760	ug/kg	U	UJ	230
SIS7SB04 DUPE	Fluorene	76	ug/kg	U	U	24
SIS7SB04 DUPE	Benzo(b)fluoranthene	78	ug/kg	U	U	24
SIS7SB04 DUPE	Carbazole	78	ug/kg	U	U	24
SIS7SB04 DUPE	Dibenzo(a,h)anthracene	78	ug/kg	U	U	24
SIS7SB04 DUPE	1,3-Dichlorobenzene	80	ug/kg	U	U	24
SIS7SB04 DUPE	Bis(2-chloroisopropyl) ether	82	ug/kg	U	U	24
SIS7SB04 DUPE	Chrysene	87	ug/kg	U	U	26
SIS7SB04 DUPE	2-Nitrophenol	870	ug/kg	U	UJ	260
SIS7SB04 DUPE	Phenol	890	ug/kg	U	UJ	260
SIS7SB04 DUPE	1,4-Dichlorobenzene	91	ug/kg	U	U	28
SIS7SB04 DUPE	2-Chloronaphthalene	97	ug/kg	U	U	28
SIS7SB04 DUPE	Bis(2-chloroethyl) ether	220	ug/kg	U	U	30
SIS7SB04 DUPE	Hexachlorobenzene	220	ug/kg	U	U	32
SIS7SB04 DUPE	Acenaphthene	220	ug/kg	U	U	32
SIS7SB04 DUPE	1,2,4-Trichlorobenzene	220	ug/kg	U	U	35
SIS7SB04 DUPE	Hexachloroethane	220	ug/kg	U	U	37

SIS7SB04 DUPE	N-Nitrosodiphenylamine	430	ug/kg	U	U	37
SIS7SB04 DUPE	Benzo(a)pyrene	220	ug/kg	U	U	41
SIS7SB04 DUPE	2-Methylnaphthalene	220	ug/kg	U	U	41
SIS7SB04 DUPE	2,6-Dinitrotoluene	220	ug/kg	U	U	43
SIS7SB04 DUPE	Acenaphthylene	220	ug/kg	U	U	43
SIS7SB04 DUPE	Bis(2-chloroethoxy)methane	220	ug/kg	U	U	43
SIS7SB04 DUPE	Fluoranthene	220	ug/kg	U	U	45
SIS7SB04 DUPE	Benzo(k)fluoranthene	220	ug/kg	U	U	45
SIS7SB04 DUPE	2,4-Dinitrophenol	1500	ug/kg	U	UJ	460
SIS7SB04 DUPE	2,4-Dinitrotoluene	220	ug/kg	U	U	50
SIS7SB04 DUPE	Butylbenzyl phthalate	220	ug/kg	U	U	52
SIS7SB04 DUPE	Benzo(g,h,i)perylene	220	ug/kg	U	U	54
SIS7SB04 DUPE	Dimethyl phthalate	220	ug/kg	U	U	56
SIS7SB04 DUPE	2-Nitroaniline	220	ug/kg	U	U	56
SIS7SB04 DUPE	Isophorone	220	ug/kg	U	U	58
SIS7SB04 DUPE	3,3'-Dichlorobenzidine	2000	ug/kg	U	UJ	600
SIS7SB04 DUPE	N-Nitroso-di-n-propylamine	240	ug/kg	U	U	65
SIS7SB04 DUPE	Hexachlorobutadiene	220	ug/kg	U	U	67
SIS7SB04 DUPE	4-Chlorophenyl phenyl ether	240	ug/kg	U	U	67
SIS7SB04 DUPE	4-Nitroaniline	240	ug/kg	U	U	67
SIS7SB04 DUPE	3-Nitroaniline	240	ug/kg	U	U	69
SIS7SB04 DUPE	4-Nitrophenol	2400	ug/kg	U	UJ	700
SIS7SB04 DUPE	Dibenzofuran	280	ug/kg	U	U	80
SIS7SB04 DUPE	Diethyl phthalate	280	ug/kg	U	U	82
SIS7SB04 DUPE	Di-n-octyl phthalate	280	ug/kg	U	U	84
SIS7SB04 DUPE	Nitrobenzene	300	ug/kg	U	U	87
SIS7SB04 DUPE	Di-n-butyl phthalate	130	ug/kg	JB	J	87
SIS7SB04 DUPE	Bis(2-ethylhexyl) phthalate	130	ug/kg	JB	U	61
SIS7SB04 DUPE	Phenanthrene	24	ug/kg	J	J	24
SIS7SB04 DUPE	Pyrene	29	ug/kg	J	J	24
SIS7SB04 DUPE	Benzoic acid	840	ug/kg	J	J	630
SIS7SB05	Total Solids	60.9	%			1.0
SIS7SB05	4-Chloroaniline	360	ug/kg	U	U	110
SIS7SB05	Pentachlorophenol	820	ug/kg	U	U	110
SIS7SB05	2-Methyl-4,6-dinitrophenol	820	ug/kg	U	U	120
SIS7SB05	2,4,6-Trichlorophenol	420	ug/kg	U	U	120
SIS7SB05	2,4-Dimethylphenol	420	ug/kg	U	U	130
SIS7SB05	Benzyl alcohol	440	ug/kg	U	U	130
SIS7SB05	Naphthalene	49	ug/kg	U	U	15
SIS7SB05	4-Chloro-3-methylphenol	510	ug/kg	U	U	150
SIS7SB05	2,4-Dichlorophenol	520	ug/kg	U	U	150
SIS7SB05	1,2-Dichlorobenzene	52	ug/kg	U	U	16
SIS7SB05	Anthracene	54	ug/kg	U	U	16
SIS7SB05	4-Bromophenyl phenyl ether	55	ug/kg	U	U	16
SIS7SB05	2-Methylphenol	550	ug/kg	U	U	160
SIS7SB05	4-Methylphenol	570	ug/kg	U	U	170
SIS7SB05	2-Chlorophenol	570	ug/kg	U	U	170
SIS7SB05	2,4,5-Trichlorophenol	570	ug/kg	U	U	170
SIS7SB05	Fluorene	57	ug/kg	U	U	18
SIS7SB05	Carbazole	59	ug/kg	U	U	18
SIS7SB05	Dibenzo(a,h)anthracene	59	ug/kg	U	U	18
SIS7SB05	1,3-Dichlorobenzene	60	ug/kg	U	U	18

SIS7SB05	Bis(2-chloroisopropyl) ether	62	ug/kg	U	U	18
SIS7SB05	2-Nitrophenol	650	ug/kg	U	U	190
SIS7SB05	Phenol	670	ug/kg	U	U	200
SIS7SB05	1,4-Dichlorobenzene	68	ug/kg	U	U	21
SIS7SB05	2-Chloronaphthalene	73	ug/kg	U	U	21
SIS7SB05	Bis(2-chloroethyl) ether	75	ug/kg	U	U	23
SIS7SB05	Hexachlorobenzene	82	ug/kg	U	U	24
SIS7SB05	Acenaphthene	83	ug/kg	U	U	24
SIS7SB05	1,2,4-Trichlorobenzene	86	ug/kg	U	U	26
SIS7SB05	Hexachloroethane	90	ug/kg	U	U	28
SIS7SB05	N-Nitrosodiphenylamine	93	ug/kg	U	U	28
SIS7SB05	2-Methylnaphthalene	160	ug/kg	U	U	31
SIS7SB05	2,6-Dinitrotoluene	160	ug/kg	U	U	33
SIS7SB05	Acenaphthylene	160	ug/kg	U	U	33
SIS7SB05	Bis(2-chloroethoxy)methane	160	ug/kg	U	U	33
SIS7SB05	Benzo(k)fluoranthene	160	ug/kg	U	U	34
SIS7SB05	2,4-Dinitrophenol	1200	ug/kg	U	UJ	340
SIS7SB05	2,4-Dinitrotoluene	160	ug/kg	U	U	38
SIS7SB05	Butylbenzyl phthalate	160	ug/kg	U	U	39
SIS7SB05	Benzo(g,h,i)perylene	160	ug/kg	U	U	41
SIS7SB05	Dimethyl phthalate	160	ug/kg	U	U	42
SIS7SB05	2-Nitroaniline	160	ug/kg	U	U	42
SIS7SB05	Isophorone	160	ug/kg	U	U	44
SIS7SB05	3,3'-Dichlorobenzidine	1500	ug/kg	U	U	450
SIS7SB05	Benzoic acid	1600	ug/kg	U	U	470
SIS7SB05	N-Nitroso-di-n-propylamine	180	ug/kg	U	U	49
SIS7SB05	Hexachlorobutadiene	170	ug/kg	U	U	51
SIS7SB05	4-Chlorophenyl phenyl ether	180	ug/kg	U	U	51
SIS7SB05	4-Nitroaniline	180	ug/kg	U	U	51
SIS7SB05	3-Nitroaniline	180	ug/kg	U	U	52
SIS7SB05	4-Nitrophenol	1800	ug/kg	U	U	530
SIS7SB05	Dibenzofuran	210	ug/kg	U	U	60
SIS7SB05	Diethyl phthalate	210	ug/kg	U	U	62
SIS7SB05	Di-n-octyl phthalate	210	ug/kg	U	U	64
SIS7SB05	Nitrobenzene	230	ug/kg	U	U	65
SIS7SB05	Di-n-butyl phthalate	230	ug/kg	U	U	65
SIS7SB05	Indeno(1,2,3-cd)pyrene	21	ug/kg	J	J	13
SIS7SB05	Benzo(a)pyrene	32	ug/kg	J	J	31
SIS7SB05	Phenanthrene	34	ug/kg	J	J	18
SIS7SB05	Chrysene	35	ug/kg	J	J	20
SIS7SB05	Benzo(a)anthracene	36	ug/kg	J	J	15
SIS7SB05	Benzo(b)fluoranthene	53	ug/kg	J	J	18
SIS7SB05	Pyrene	60	ug/kg	J	J	18
SIS7SB05	Bis(2-ethylhexyl) phthalate	66	ug/kg	JB	U	46
SIS7SB05	Fluoranthene	78	ug/kg	J	J	34
SIS7SB06	Total Solids	69	%			1.0
SIS7SB06	Pentachlorophenol	730	ug/kg	U	U	100
SIS7SB06	2-Methyl-4,6-dinitrophenol	730	ug/kg	U	U	100
SIS7SB06	2,4,6-Trichlorophenol	380	ug/kg	U	U	110
SIS7SB06	2,4-Dimethylphenol	380	ug/kg	U	U	110
SIS7SB06	Benzyl alcohol	390	ug/kg	U	U	110
SIS7SB06	Naphthalene	44	ug/kg	U	U	13

SIS7SB06	4-Chloro-3-methylphenol	450	ug/kg	U	U	130
SIS7SB06	2,4-Dichlorophenol	460	ug/kg	U	U	140
SIS7SB06	1,2-Dichlorobenzene	46	ug/kg	U	U	15
SIS7SB06	4-Bromophenyl phenyl ether	49	ug/kg	U	U	15
SIS7SB06	2-Methylphenol	490	ug/kg	U	U	150
SIS7SB06	4-Methylphenol	510	ug/kg	U	U	150
SIS7SB06	2-Chlorophenol	510	ug/kg	U	U	150
SIS7SB06	2,4,5-Trichlorophenol	510	ug/kg	U	U	150
SIS7SB06	1,3-Dichlorobenzene	54	ug/kg	U	U	16
SIS7SB06	Bis(2-chloroisopropyl) ether	55	ug/kg	U	U	16
SIS7SB06	2-Nitrophenol	580	ug/kg	U	U	170
SIS7SB06	Phenol	600	ug/kg	U	U	180
SIS7SB06	1,4-Dichlorobenzene	61	ug/kg	U	U	19
SIS7SB06	2-Chloronaphthalene	65	ug/kg	U	U	19
SIS7SB06	Bis(2-chloroethyl) ether	67	ug/kg	U	U	20
SIS7SB06	Hexachlorobenzene	73	ug/kg	U	U	22
SIS7SB06	1,2,4-Trichlorobenzene	77	ug/kg	U	U	23
SIS7SB06	Hexachloroethane	80	ug/kg	U	U	25
SIS7SB06	N-Nitrosodiphenylamine	83	ug/kg	U	U	25
SIS7SB06	2-Methylnaphthalene	94	ug/kg	U	U	28
SIS7SB06	2,6-Dinitrotoluene	97	ug/kg	U	U	29
SIS7SB06	Acenaphthylene	97	ug/kg	U	U	29
SIS7SB06	Bis(2-chloroethoxy)methane	97	ug/kg	U	U	29
SIS7SB06	2,4-Dinitrophenol	1000	ug/kg	U	UJ	310
SIS7SB06	2,4-Dinitrotoluene	150	ug/kg	U	U	33
SIS7SB06	Butylbenzyl phthalate	150	ug/kg	U	U	35
SIS7SB06	Dimethyl phthalate	150	ug/kg	U	U	38
SIS7SB06	2-Nitroaniline	150	ug/kg	U	U	38
SIS7SB06	Isophorone	150	ug/kg	U	U	39
SIS7SB06	3,3'-Dichlorobenzidine	1400	ug/kg	U	U	400
SIS7SB06	N-Nitroso-di-n-propylamine	160	ug/kg	U	U	44
SIS7SB06	Hexachlorobutadiene	150	ug/kg	U	U	45
SIS7SB06	4-Chlorophenyl phenyl ether	160	ug/kg	U	U	45
SIS7SB06	4-Nitroaniline	160	ug/kg	U	U	45
SIS7SB06	3-Nitroaniline	160	ug/kg	U	U	46
SIS7SB06	4-Nitrophenol	1600	ug/kg	U	U	470
SIS7SB06	Dibenzofuran	190	ug/kg	U	U	54
SIS7SB06	Diethyl phthalate	190	ug/kg	U	U	55
SIS7SB06	Di-n-octyl phthalate	190	ug/kg	U	U	57
SIS7SB06	Nitrobenzene	200	ug/kg	U	U	58
SIS7SB06	Di-n-butyl phthalate	200	ug/kg	U	U	58
SIS7SB06	4-Chloroaniline	320	ug/kg	U	U	94
SIS7SB06	Carbazole	110	ug/kg	J	J	16
SIS7SB06	Bis(2-ethylhexyl) phthalate	120	ug/kg	JB	U	41
SIS7SB06	Pyrene	1200	ug/kg			16
SIS7SB06	Benzo(b)fluoranthene	1300	ug/kg			16
SIS7SB06	Fluoranthene	1600	ug/kg			30
SIS7SB06	Benzoic acid	1700	ug/kg			420
SIS7SB06	Acenaphthene	24	ug/kg	J	J	22
SIS7SB06	Benzo(g,h,i)perylene	280	ug/kg			36
SIS7SB06	Indeno(1,2,3-cd)pyrene	300	ug/kg			12
SIS7SB06	Fluorene	37	ug/kg	J	J	16

SIS7SB06	Benzo(k)fluoranthene	380	ug/kg			30
SIS7SB06	Benzo(a)anthracene	630	ug/kg			13
SIS7SB06	Benzo(a)pyrene	700	ug/kg			28
SIS7SB06	Phenanthrene	720	ug/kg			16
SIS7SB06	Dibenzo(a,h)anthracene	83	ug/kg	J	J	16
SIS7SB06	Chrysene	860	ug/kg			17
SIS7SB06	Anthracene	94	ug/kg	J	J	15
SIS7SB07	Total Solids	86.4	%			1.0
SIS7SB07	Naphthalene	35	ug/kg	U	U	10
SIS7SB07	4-Chloro-3-methylphenol	360	ug/kg	U	U	110
SIS7SB07	2,4-Dichlorophenol	370	ug/kg	U	U	110
SIS7SB07	1,2-Dichlorobenzene	37	ug/kg	U	U	12
SIS7SB07	4-Bromophenyl phenyl ether	40	ug/kg	U	U	12
SIS7SB07	2-Methylphenol	400	ug/kg	U	U	120
SIS7SB07	4-Methylphenol	410	ug/kg	U	U	120
SIS7SB07	2-Chlorophenol	410	ug/kg	U	U	120
SIS7SB07	2,4,5-Trichlorophenol	410	ug/kg	U	U	120
SIS7SB07	1,3-Dichlorobenzene	43	ug/kg	U	U	13
SIS7SB07	Bis(2-chloroisopropyl) ether	44	ug/kg	U	U	13
SIS7SB07	2-Nitrophenol	460	ug/kg	U	U	140
SIS7SB07	Phenol	480	ug/kg	U	U	140
SIS7SB07	1,4-Dichlorobenzene	49	ug/kg	U	U	15
SIS7SB07	2-Chloronaphthalene	52	ug/kg	U	U	15
SIS7SB07	Bis(2-chloroethyl) ether	53	ug/kg	U	U	16
SIS7SB07	Hexachlorobenzene	58	ug/kg	U	U	17
SIS7SB07	1,2,4-Trichlorobenzene	62	ug/kg	U	U	19
SIS7SB07	Hexachloroethane	64	ug/kg	U	U	20
SIS7SB07	N-Nitrosodiphenylamine	66	ug/kg	U	U	20
SIS7SB07	2-Methylnaphthalene	76	ug/kg	U	U	22
SIS7SB07	2,6-Dinitrotoluene	78	ug/kg	U	U	23
SIS7SB07	Acenaphthylene	78	ug/kg	U	U	23
SIS7SB07	Bis(2-chloroethoxy)methane	78	ug/kg	U	U	23
SIS7SB07	2,4-Dinitrophenol	830	ug/kg	U	U	250
SIS7SB07	2,4-Dinitrotoluene	88	ug/kg	U	U	27
SIS7SB07	Butylbenzyl phthalate	93	ug/kg	U	U	28
SIS7SB07	Dimethyl phthalate	120	ug/kg	U	U	30
SIS7SB07	2-Nitroaniline	120	ug/kg	U	U	30
SIS7SB07	Isophorone	120	ug/kg	U	U	31
SIS7SB07	3,3'-Dichlorobenzidine	1100	ug/kg	U	UJ	320
SIS7SB07	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	35
SIS7SB07	Hexachlorobutadiene	120	ug/kg	U	U	36
SIS7SB07	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	36
SIS7SB07	4-Nitroaniline	130	ug/kg	U	U	36
SIS7SB07	3-Nitroaniline	130	ug/kg	U	U	37
SIS7SB07	4-Nitrophenol	1300	ug/kg	U	U	370
SIS7SB07	Dibenzofuran	150	ug/kg	U	U	43
SIS7SB07	Diethyl phthalate	150	ug/kg	U	U	44
SIS7SB07	Di-n-octyl phthalate	150	ug/kg	U	U	45
SIS7SB07	Nitrobenzene	160	ug/kg	U	U	46
SIS7SB07	Di-n-butyl phthalate	160	ug/kg	U	U	46
SIS7SB07	4-Chloroaniline	260	ug/kg	U	U	76
SIS7SB07	Pentachlorophenol	580	ug/kg	U	U	81

SIS7SB07	2-Methyl-4,6-dinitrophenol	580	ug/kg	U	U	83
SIS7SB07	2,4,6-Trichlorophenol	300	ug/kg	U	U	88
SIS7SB07	2,4-Dimethylphenol	300	ug/kg	U	U	89
SIS7SB07	Benzyl alcohol	310	ug/kg	U	U	91
SIS7SB07	Benzo(a)pyrene	1100	ug/kg			22
SIS7SB07	Chrysene	1200	ug/kg			14
SIS7SB07	Bis(2-ethylhexyl) phthalate	130	ug/kg	B	U	33
SIS7SB07	Anthracene	130	ug/kg			12
SIS7SB07	Pyrene	1800	ug/kg			13
SIS7SB07	Fluoranthene	2100	ug/kg			24
SIS7SB07	Carbazole	220	ug/kg			13
SIS7SB07	Benzo(b)fluoranthene	2200	ug/kg			13
SIS7SB07	Benzo(g,h,i)perylene	290	ug/kg			29
SIS7SB07	Acenaphthene	30	ug/kg	J	J	17
SIS7SB07	Indeno(1,2,3-cd)pyrene	350	ug/kg			9.3
SIS7SB07	Fluorene	39	ug/kg	J	J	13
SIS7SB07	Benzoic acid	460	ug/kg	J	J	340
SIS7SB07	Benzo(k)fluoranthene	830	ug/kg			24
SIS7SB07	Benzo(a)anthracene	850	ug/kg			10
SIS7SB07	Phenanthrene	850	ug/kg			13
SIS7SB07	Dibenzo(a,h)anthracene	93	ug/kg	J	J	13
SIS7SB08	Total Solids	74.1	%			1.0
SIS7SB08	2,4,6-Trichlorophenol	350	ug/kg	U	U	100
SIS7SB08	2,4-Dimethylphenol	350	ug/kg	U	U	100
SIS7SB08	Benzyl alcohol	360	ug/kg	U	U	100
SIS7SB08	Naphthalene	40	ug/kg	U	U	12
SIS7SB08	4-Chloro-3-methylphenol	420	ug/kg	U	U	120
SIS7SB08	2,4-Dichlorophenol	430	ug/kg	U	U	120
SIS7SB08	1,2-Dichlorobenzene	43	ug/kg	U	U	13
SIS7SB08	Anthracene	44	ug/kg	U	U	13
SIS7SB08	4-Bromophenyl phenyl ether	46	ug/kg	U	U	13
SIS7SB08	2-Methylphenol	460	ug/kg	U	U	140
SIS7SB08	4-Methylphenol	470	ug/kg	U	U	140
SIS7SB08	2-Chlorophenol	470	ug/kg	U	U	140
SIS7SB08	2,4,5-Trichlorophenol	470	ug/kg	U	U	140
SIS7SB08	Fluorene	47	ug/kg	U	U	15
SIS7SB08	Carbazole	48	ug/kg	U	U	15
SIS7SB08	Dibenzo(a,h)anthracene	48	ug/kg	U	U	15
SIS7SB08	1,3-Dichlorobenzene	50	ug/kg	U	U	15
SIS7SB08	Bis(2-chloroisopropyl) ether	51	ug/kg	U	U	15
SIS7SB08	2-Nitrophenol	540	ug/kg	U	U	160
SIS7SB08	Phenol	550	ug/kg	U	U	160
SIS7SB08	1,4-Dichlorobenzene	56	ug/kg	U	U	17
SIS7SB08	2-Chloronaphthalene	60	ug/kg	U	U	17
SIS7SB08	Bis(2-chloroethyl) ether	62	ug/kg	U	U	19
SIS7SB08	Hexachlorobenzene	67	ug/kg	U	U	20
SIS7SB08	Acenaphthene	68	ug/kg	U	U	20
SIS7SB08	1,2,4-Trichlorobenzene	71	ug/kg	U	U	21
SIS7SB08	Hexachloroethane	74	ug/kg	U	U	23
SIS7SB08	N-Nitrosodiphenylamine	76	ug/kg	U	U	23
SIS7SB08	Benzo(a)pyrene	84	ug/kg	U	U	25
SIS7SB08	2-Methylnaphthalene	87	ug/kg	U	U	25

SIS7SB08	2,6-Dinitrotoluene	90	ug/kg	U	U	27
SIS7SB08	Acenaphthylene	90	ug/kg	U	U	27
SIS7SB08	Bis(2-chloroethoxy)methane	90	ug/kg	U	U	27
SIS7SB08	Benzo(k)fluoranthene	94	ug/kg	U	U	28
SIS7SB08	2,4-Dinitrophenol	950	ug/kg	U	U	280
SIS7SB08	2,4-Dinitrotoluene	130	ug/kg	U	U	31
SIS7SB08	Butylbenzyl phthalate	130	ug/kg	U	U	32
SIS7SB08	Benzo(g,h,i)perylene	130	ug/kg	U	U	34
SIS7SB08	Dimethyl phthalate	130	ug/kg	U	U	35
SIS7SB08	2-Nitroaniline	130	ug/kg	U	U	35
SIS7SB08	Isophorone	130	ug/kg	U	U	36
SIS7SB08	3,3'-Dichlorobenzidine	1200	ug/kg	U	UJ	370
SIS7SB08	N-Nitroso-di-n-propylamine	150	ug/kg	U	U	40
SIS7SB08	Hexachlorobutadiene	140	ug/kg	U	U	42
SIS7SB08	4-Chlorophenyl phenyl ether	150	ug/kg	U	U	42
SIS7SB08	4-Nitroaniline	150	ug/kg	U	U	42
SIS7SB08	3-Nitroaniline	150	ug/kg	U	U	43
SIS7SB08	4-Nitrophenol	1500	ug/kg	U	U	430
SIS7SB08	Dibenzofuran	170	ug/kg	U	U	50
SIS7SB08	Diethyl phthalate	170	ug/kg	U	U	51
SIS7SB08	Di-n-octyl phthalate	170	ug/kg	U	U	52
SIS7SB08	Nitrobenzene	190	ug/kg	U	U	54
SIS7SB08	4-Chloroaniline	290	ug/kg	U	U	87
SIS7SB08	Pentachlorophenol	670	ug/kg	U	U	94
SIS7SB08	2-Methyl-4,6-dinitrophenol	670	ug/kg	U	U	95
SIS7SB08	Indeno(1,2,3-cd)pyrene	18	ug/kg	J	J	11
SIS7SB08	Phenanthrene	20	ug/kg	J	J	15
SIS7SB08	Benzo(a)anthracene	23	ug/kg	J	J	12
SIS7SB08	Chrysene	28	ug/kg	J	J	16
SIS7SB08	Benzo(b)fluoranthene	35	ug/kg	J	J	15
SIS7SB08	Pyrene	45	ug/kg	J	J	15
SIS7SB08	Fluoranthene	46	ug/kg	J	J	28
SIS7SB08	Di-n-butyl phthalate	55	ug/kg	J	J	54
SIS7SB08	Benzoic acid	590	ug/kg	J	J	390
SIS7SB08	Bis(2-ethylhexyl) phthalate	63	ug/kg	JB	U	38
SIS7SB09	Total Solids	62.5	%			1.0
SIS7SB09	4-Chloroaniline	350	ug/kg	U	U	100
SIS7SB09	Pentachlorophenol	790	ug/kg	U	U	110
SIS7SB09	2-Methyl-4,6-dinitrophenol	790	ug/kg	U	U	110
SIS7SB09	2,4,6-Trichlorophenol	410	ug/kg	U	U	120
SIS7SB09	2,4-Dimethylphenol	410	ug/kg	U	U	120
SIS7SB09	Benzyl alcohol	430	ug/kg	U	U	120
SIS7SB09	Indeno(1,2,3-cd)pyrene	44	ug/kg	U	U	13
SIS7SB09	Naphthalene	48	ug/kg	U	U	14
SIS7SB09	4-Chloro-3-methylphenol	490	ug/kg	U	U	140
SIS7SB09	2,4-Dichlorophenol	510	ug/kg	U	U	150
SIS7SB09	1,2-Dichlorobenzene	51	ug/kg	U	U	16
SIS7SB09	Anthracene	52	ug/kg	U	U	16
SIS7SB09	4-Bromophenyl phenyl ether	54	ug/kg	U	U	16
SIS7SB09	2-Methylphenol	540	ug/kg	U	U	160
SIS7SB09	Fluorene	56	ug/kg	U	U	17
SIS7SB09	Carbazole	57	ug/kg	U	U	17

SIS7SB09	Dibenzo(a,h)anthracene	57	ug/kg	U	U	17
SIS7SB09	1,3-Dichlorobenzene	59	ug/kg	U	U	17
SIS7SB09	Bis(2-chloroisopropyl) ether	60	ug/kg	U	U	17
SIS7SB09	4-Methylphenol	560	ug/kg	U	U	170
SIS7SB09	2-Chlorophenol	560	ug/kg	U	U	170
SIS7SB09	2,4,5-Trichlorophenol	560	ug/kg	U	U	170
SIS7SB09	2-Nitrophenol	630	ug/kg	U	U	190
SIS7SB09	Phenol	650	ug/kg	U	U	190
SIS7SB09	1,4-Dichlorobenzene	67	ug/kg	U	U	21
SIS7SB09	2-Chloronaphthalene	71	ug/kg	U	U	21
SIS7SB09	Bis(2-chloroethyl) ether	73	ug/kg	U	U	22
SIS7SB09	Hexachlorobenzene	79	ug/kg	U	U	24
SIS7SB09	Acenaphthene	81	ug/kg	U	U	24
SIS7SB09	1,2,4-Trichlorobenzene	84	ug/kg	U	U	25
SIS7SB09	Hexachloroethane	87	ug/kg	U	U	27
SIS7SB09	N-Nitrosodiphenylamine	90	ug/kg	U	U	27
SIS7SB09	Benzo(a)pyrene	160	ug/kg	U	U	30
SIS7SB09	2-Methylnaphthalene	160	ug/kg	U	U	30
SIS7SB09	2,6-Dinitrotoluene	160	ug/kg	U	U	32
SIS7SB09	Acenaphthylene	160	ug/kg	U	U	32
SIS7SB09	Bis(2-chloroethoxy)methane	160	ug/kg	U	U	32
SIS7SB09	Benzo(k)fluoranthene	160	ug/kg	U	U	33
SIS7SB09	2,4-Dinitrophenol	1100	ug/kg	U	UJ	330
SIS7SB09	2,4-Dinitrotoluene	160	ug/kg	U	U	37
SIS7SB09	Butylbenzyl phthalate	160	ug/kg	U	U	38
SIS7SB09	Benzo(g,h,i)perylene	160	ug/kg	U	U	40
SIS7SB09	Dimethyl phthalate	160	ug/kg	U	U	41
SIS7SB09	2-Nitroaniline	160	ug/kg	U	U	41
SIS7SB09	Isophorone	160	ug/kg	U	U	43
SIS7SB09	3,3'-Dichlorobenzidine	1500	ug/kg	U	U	440
SIS7SB09	N-Nitroso-di-n-propylamine	170	ug/kg	U	U	48
SIS7SB09	Hexachlorobutadiene	160	ug/kg	U	U	49
SIS7SB09	4-Chlorophenyl phenyl ether	170	ug/kg	U	U	49
SIS7SB09	4-Nitroaniline	170	ug/kg	U	U	49
SIS7SB09	3-Nitroaniline	170	ug/kg	U	U	51
SIS7SB09	4-Nitrophenol	1700	ug/kg	U	U	510
SIS7SB09	Dibenzofuran	210	ug/kg	U	U	59
SIS7SB09	Di-n-octyl phthalate	210	ug/kg	U	U	62
SIS7SB09	Nitrobenzene	220	ug/kg	U	U	63
SIS7SB09	Diethyl phthalate	210	ug/kg	U	U	60
SIS7SB09	Bis(2-ethylhexyl) phthalate	130	ug/kg	JB	U	44
SIS7SB09	Chrysene	20	ug/kg	J	J	19
SIS7SB09	Phenanthrene	25	ug/kg	J	J	17
SIS7SB09	Benzo(b)fluoranthene	27	ug/kg	J	J	17
SIS7SB09	Benzo(a)anthracene	29	ug/kg	J	J	14
SIS7SB09	Pyrene	38	ug/kg	J	J	17
SIS7SB09	Fluoranthene	44	ug/kg	J	J	33
SIS7SB09	Benzoic acid	580	ug/kg	J	J	460
SIS7SB09	Di-n-butyl phthalate	87	ug/kg	J	J	63
SIS7SS04	Total Solids	46.6	%			1.0
SIS7SS04	4-Chloroaniline	470	ug/kg	UM	UJ	140
SIS7SS04	Pentachlorophenol	520	ug/kg	U	R	150

SIS7SS04	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	R	150
SIS7SS04	2,4,6-Trichlorophenol	560	ug/kg	UM	R	160
SIS7SS04	2,4-Dimethylphenol	560	ug/kg	UM	R	170
SIS7SS04	Benzyl alcohol	580	ug/kg	U	U	170
SIS7SS04	Naphthalene	65	ug/kg	U	U	19
SIS7SS04	4-Chloro-3-methylphenol	670	ug/kg	U	R	200
SIS7SS04	2,4-Dichlorophenol	690	ug/kg	UM	R	200
SIS7SS04	1,2-Dichlorobenzene	69	ug/kg	U	U	22
SIS7SS04	Anthracene	71	ug/kg	UM	UJ	22
SIS7SS04	4-Bromophenyl phenyl ether	73	ug/kg	U	U	22
SIS7SS04	2-Methylphenol	730	ug/kg	UM	R	220
SIS7SS04	4-Methylphenol	750	ug/kg	UM	R	220
SIS7SS04	2-Chlorophenol	750	ug/kg	U	R	230
SIS7SS04	2,4,5-Trichlorophenol	750	ug/kg	U	R	230
SIS7SS04	Fluorene	75	ug/kg	U	U	24
SIS7SS04	Carbazole	77	ug/kg	U	U	24
SIS7SS04	Dibenzo(a,h)anthracene	77	ug/kg	U	U	24
SIS7SS04	1,3-Dichlorobenzene	80	ug/kg	U	U	24
SIS7SS04	Bis(2-chloroisopropyl) ether	82	ug/kg	U	U	24
SIS7SS04	2-Nitrophenol	860	ug/kg	U	R	250
SIS7SS04	Phenol	880	ug/kg	U	R	260
SIS7SS04	1,4-Dichlorobenzene	90	ug/kg	U	U	28
SIS7SS04	2-Chloronaphthalene	97	ug/kg	U	U	28
SIS7SS04	Bis(2-chloroethyl) ether	99	ug/kg	U	U	30
SIS7SS04	Hexachlorobenzene	220	ug/kg	U	U	32
SIS7SS04	Acenaphthene	220	ug/kg	U	U	32
SIS7SS04	1,2,4-Trichlorobenzene	220	ug/kg	U	U	34
SIS7SS04	Hexachloroethane	220	ug/kg	U	U	37
SIS7SS04	N-Nitrosodiphenylamine	430	ug/kg	UM	UJ	37
SIS7SS04	Benzo(a)pyrene	220	ug/kg	UM	UJ	41
SIS7SS04	2-Methylnaphthalene	220	ug/kg	U	U	41
SIS7SS04	2,6-Dinitrotoluene	220	ug/kg	U	U	43
SIS7SS04	Bis(2-chloroethoxy)methane	220	ug/kg	U	U	43
SIS7SS04	Acenaphthylene	220	ug/kg	UM	UJ	43
SIS7SS04	Benzo(k)fluoranthene	220	ug/kg	U	U	45
SIS7SS04	2,4-Dinitrophenol	1500	ug/kg	U	R	450
SIS7SS04	2,4-Dinitrotoluene	220	ug/kg	U	U	50
SIS7SS04	Butylbenzyl phthalate	220	ug/kg	U	U	52
SIS7SS04	Benzo(g,h,i)perylene	220	ug/kg	U	U	54
SIS7SS04	Dimethyl phthalate	220	ug/kg	U	U	56
SIS7SS04	2-Nitroaniline	220	ug/kg	U	U	56
SIS7SS04	Isophorone	220	ug/kg	U	U	58
SIS7SS04	3,3'-Dichlorobenzidine	2000	ug/kg	UM	R	600
SIS7SS04	N-Nitroso-di-n-propylamine	240	ug/kg	U	U	65
SIS7SS04	Hexachlorobutadiene	220	ug/kg	U	U	67
SIS7SS04	4-Chlorophenyl phenyl ether	240	ug/kg	U	U	67
SIS7SS04	4-Nitroaniline	240	ug/kg	U	U	67
SIS7SS04	3-Nitroaniline	240	ug/kg	U	U	69
SIS7SS04	4-Nitrophenol	2400	ug/kg	U	R	690
SIS7SS04	Dibenzofuran	280	ug/kg	U	U	80
SIS7SS04	Diethyl phthalate	280	ug/kg	U	U	82
SIS7SS04	Di-n-octyl phthalate	280	ug/kg	U	U	84

SIS7SS04	Nitrobenzene	300	ug/kg	U	U	86
SIS7SS04	Di-n-butyl phthalate	110	ug/kg	JB	J	86
SIS7SS04	Bis(2-ethylhexyl) phthalate	130	ug/kg	JB	U	60
SIS7SS04	Indeno(1,2,3-cd)pyrene	23	ug/kg	J	J	17
SIS7SS04	Chrysene	30	ug/kg	JM	J	26
SIS7SS04	Phenanthrene	31	ug/kg	J	J	24
SIS7SS04	Benzo(b)fluoranthene	33	ug/kg	J	J	24
SIS7SS04	Benzo(a)anthracene	34	ug/kg	J	J	19
SIS7SS04	Pyrene	48	ug/kg	J	J	24
SIS7SS04	Fluoranthene	63	ug/kg	JM	J	45
SIS7SS04	Benzoic acid	940	ug/kg	J	J	630
SIS7SS05	Total Solids	71.1	%			1.0
SIS7SS05	2-Methyl-4,6-dinitrophenol	700	ug/kg	U	U	100
SIS7SS05	2,4,6-Trichlorophenol	370	ug/kg	U	U	110
SIS7SS05	2,4-Dimethylphenol	370	ug/kg	U	U	110
SIS7SS05	Benzyl alcohol	380	ug/kg	U	U	110
SIS7SS05	Naphthalene	42	ug/kg	U	U	13
SIS7SS05	4-Chloro-3-methylphenol	440	ug/kg	U	U	130
SIS7SS05	2,4-Dichlorophenol	450	ug/kg	U	U	130
SIS7SS05	1,2-Dichlorobenzene	45	ug/kg	U	U	14
SIS7SS05	Anthracene	46	ug/kg	U	U	14
SIS7SS05	4-Bromophenyl phenyl ether	48	ug/kg	U	U	14
SIS7SS05	2-Methylphenol	480	ug/kg	U	U	140
SIS7SS05	Fluorene	49	ug/kg	U	U	15
SIS7SS05	Carbazole	51	ug/kg	U	U	15
SIS7SS05	Dibenzo(a,h)anthracene	51	ug/kg	U	U	15
SIS7SS05	1,3-Dichlorobenzene	52	ug/kg	U	U	15
SIS7SS05	Bis(2-chloroisopropyl) ether	53	ug/kg	U	U	15
SIS7SS05	4-Methylphenol	490	ug/kg	U	U	150
SIS7SS05	2-Chlorophenol	490	ug/kg	U	U	150
SIS7SS05	2,4,5-Trichlorophenol	490	ug/kg	U	U	150
SIS7SS05	2-Nitrophenol	560	ug/kg	U	U	170
SIS7SS05	Phenol	580	ug/kg	U	U	170
SIS7SS05	1,4-Dichlorobenzene	59	ug/kg	U	U	18
SIS7SS05	2-Chloronaphthalene	63	ug/kg	U	U	18
SIS7SS05	Bis(2-chloroethyl) ether	65	ug/kg	U	U	20
SIS7SS05	Hexachlorobenzene	70	ug/kg	U	U	21
SIS7SS05	Acenaphthene	72	ug/kg	U	U	21
SIS7SS05	1,2,4-Trichlorobenzene	74	ug/kg	U	U	22
SIS7SS05	Hexachloroethane	77	ug/kg	U	U	24
SIS7SS05	N-Nitrosodiphenylamine	80	ug/kg	U	U	24
SIS7SS05	2-Methylnaphthalene	91	ug/kg	U	U	27
SIS7SS05	2,6-Dinitrotoluene	94	ug/kg	U	U	28
SIS7SS05	Acenaphthylene	94	ug/kg	U	U	28
SIS7SS05	Bis(2-chloroethoxy)methane	94	ug/kg	U	U	28
SIS7SS05	Benzo(k)fluoranthene	98	ug/kg	U	U	30
SIS7SS05	2,4-Dinitrophenol	1000	ug/kg	U	UJ	300
SIS7SS05	2,4-Dinitrotoluene	140	ug/kg	U	U	32
SIS7SS05	Butylbenzyl phthalate	140	ug/kg	U	U	34
SIS7SS05	Benzo(g,h,i)perylene	140	ug/kg	U	U	35
SIS7SS05	Dimethyl phthalate	140	ug/kg	U	U	37
SIS7SS05	2-Nitroaniline	140	ug/kg	U	U	37

SIS7SS05	Isophorone	140	ug/kg	U	U	38
SIS7SS05	3,3'-Dichlorobenzidine	1300	ug/kg	U	U	390
SIS7SS05	Benzoic acid	1400	ug/kg	U	U	410
SIS7SS05	N-Nitroso-di-n-propylamine	150	ug/kg	U	U	42
SIS7SS05	Hexachlorobutadiene	140	ug/kg	U	U	44
SIS7SS05	4-Chlorophenyl phenyl ether	150	ug/kg	U	U	44
SIS7SS05	4-Nitroaniline	150	ug/kg	U	U	44
SIS7SS05	3-Nitroaniline	150	ug/kg	U	U	45
SIS7SS05	4-Nitrophenol	1500	ug/kg	U	U	450
SIS7SS05	Dibenzofuran	180	ug/kg	U	U	52
SIS7SS05	Diethyl phthalate	180	ug/kg	U	U	53
SIS7SS05	Di-n-octyl phthalate	180	ug/kg	U	U	55
SIS7SS05	Nitrobenzene	200	ug/kg	U	U	56
SIS7SS05	Di-n-butyl phthalate	200	ug/kg	U	U	56
SIS7SS05	4-Chloroaniline	310	ug/kg	U	U	91
SIS7SS05	Pentachlorophenol	700	ug/kg	U	U	98
SIS7SS05	Bis(2-ethylhexyl) phthalate	110	ug/kg	JB	U	39
SIS7SS05	Indeno(1,2,3-cd)pyrene	19	ug/kg	J	J	11
SIS7SS05	Phenanthrene	20	ug/kg	J	J	15
SIS7SS05	Benzo(a)anthracene	26	ug/kg	J	J	13
SIS7SS05	Benzo(a)pyrene	27	ug/kg	J	J	27
SIS7SS05	Chrysene	31	ug/kg	J	J	17
SIS7SS05	Benzo(b)fluoranthene	40	ug/kg	J	J	15
SIS7SS05	Pyrene	41	ug/kg	J	J	15
SIS7SS05	Fluoranthene	56	ug/kg	J	J	30
SIS7SS06	Total Solids	84.6	%			1.0
SIS7SS06	Naphthalene	35	ug/kg	U	U	11
SIS7SS06	4-Chloro-3-methylphenol	360	ug/kg	U	U	110
SIS7SS06	2,4-Dichlorophenol	380	ug/kg	U	U	110
SIS7SS06	1,2-Dichlorobenzene	38	ug/kg	U	U	12
SIS7SS06	4-Bromophenyl phenyl ether	40	ug/kg	U	U	12
SIS7SS06	2-Methylphenol	400	ug/kg	U	U	120
SIS7SS06	4-Methylphenol	410	ug/kg	U	U	120
SIS7SS06	2-Chlorophenol	410	ug/kg	U	U	120
SIS7SS06	2,4,5-Trichlorophenol	410	ug/kg	U	U	120
SIS7SS06	Dibenzo(a,h)anthracene	42	ug/kg	U	U	13
SIS7SS06	1,3-Dichlorobenzene	43	ug/kg	U	U	13
SIS7SS06	Bis(2-chloroisopropyl) ether	45	ug/kg	U	U	13
SIS7SS06	2-Nitrophenol	470	ug/kg	U	U	140
SIS7SS06	Phenol	480	ug/kg	U	U	140
SIS7SS06	1,4-Dichlorobenzene	49	ug/kg	U	U	15
SIS7SS06	2-Chloronaphthalene	53	ug/kg	U	U	15
SIS7SS06	Bis(2-chloroethyl) ether	54	ug/kg	U	U	16
SIS7SS06	Hexachlorobenzene	59	ug/kg	U	U	18
SIS7SS06	Acenaphthene	60	ug/kg	U	U	18
SIS7SS06	1,2,4-Trichlorobenzene	62	ug/kg	U	U	19
SIS7SS06	Hexachloroethane	65	ug/kg	U	U	20
SIS7SS06	N-Nitrosodiphenylamine	67	ug/kg	U	U	20
SIS7SS06	2-Methylnaphthalene	76	ug/kg	U	U	22
SIS7SS06	2,6-Dinitrotoluene	79	ug/kg	U	U	23
SIS7SS06	Acenaphthylene	79	ug/kg	U	U	23
SIS7SS06	Bis(2-chloroethoxy)methane	79	ug/kg	U	U	23

SIS7SS06	2,4-Dinitrophenol	830	ug/kg	U	UJ	250
SIS7SS06	2,4-Dinitrotoluene	89	ug/kg	U	U	27
SIS7SS06	Butylbenzyl phthalate	94	ug/kg	U	U	28
SIS7SS06	Dimethyl phthalate	120	ug/kg	U	U	31
SIS7SS06	2-Nitroaniline	120	ug/kg	U	U	31
SIS7SS06	Isophorone	120	ug/kg	U	U	32
SIS7SS06	3,3'-Dichlorobenzidine	1100	ug/kg	U	U	330
SIS7SS06	Benzoic acid	1200	ug/kg	U	U	340
SIS7SS06	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	35
SIS7SS06	Hexachlorobutadiene	120	ug/kg	U	U	36
SIS7SS06	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	36
SIS7SS06	4-Nitroaniline	130	ug/kg	U	U	36
SIS7SS06	3-Nitroaniline	130	ug/kg	U	U	38
SIS7SS06	4-Nitrophenol	1300	ug/kg	U	U	380
SIS7SS06	Dibenzofuran	150	ug/kg	U	U	43
SIS7SS06	Diethyl phthalate	150	ug/kg	U	U	45
SIS7SS06	Di-n-octyl phthalate	150	ug/kg	U	U	46
SIS7SS06	Nitrobenzene	160	ug/kg	U	U	47
SIS7SS06	Di-n-butyl phthalate	160	ug/kg	U	U	47
SIS7SS06	4-Chloroaniline	260	ug/kg	U	U	76
SIS7SS06	Pentachlorophenol	590	ug/kg	U	U	82
SIS7SS06	2-Methyl-4,6-dinitrophenol	590	ug/kg	U	U	83
SIS7SS06	2,4,6-Trichlorophenol	310	ug/kg	U	U	89
SIS7SS06	2,4-Dimethylphenol	310	ug/kg	U	U	90
SIS7SS06	Benzyl alcohol	320	ug/kg	U	U	92
SIS7SS06	Pyrene	1300	ug/kg			13
SIS7SS06	Carbazole	140	ug/kg			13
SIS7SS06	Benzo(b)fluoranthene	1400	ug/kg			13
SIS7SS06	Fluoranthene	1800	ug/kg			25
SIS7SS06	Fluorene	34	ug/kg	J	J	13
SIS7SS06	Benzo(k)fluoranthene	450	ug/kg			25
SIS7SS06	Benzo(g,h,i)perylene	480	ug/kg			29
SIS7SS06	Indeno(1,2,3-cd)pyrene	520	ug/kg			9.4
SIS7SS06	Benzo(a)anthracene	700	ug/kg			11
SIS7SS06	Phenanthrene	730	ug/kg			13
SIS7SS06	Bis(2-ethylhexyl) phthalate	77	ug/kg	JB	U	33
SIS7SS06	Benzo(a)pyrene	810	ug/kg			22
SIS7SS06	Anthracene	98	ug/kg	J	J	12
SIS7SS06	Chrysene	990	ug/kg			14
SIS7SS07	Total Solids	83.1	%			1.0
SIS7SS07	Naphthalene	36	ug/kg	U	U	11
SIS7SS07	4-Chloro-3-methylphenol	370	ug/kg	U	U	110
SIS7SS07	2,4-Dichlorophenol	380	ug/kg	U	U	110
SIS7SS07	1,2-Dichlorobenzene	38	ug/kg	U	U	12
SIS7SS07	4-Bromophenyl phenyl ether	41	ug/kg	U	U	12
SIS7SS07	2-Methylphenol	410	ug/kg	U	U	120
SIS7SS07	4-Methylphenol	420	ug/kg	U	U	120
SIS7SS07	1,3-Dichlorobenzene	44	ug/kg	U	U	13
SIS7SS07	Bis(2-chloroisopropyl) ether	46	ug/kg	U	U	13
SIS7SS07	2-Chlorophenol	420	ug/kg	U	U	130
SIS7SS07	2,4,5-Trichlorophenol	420	ug/kg	U	U	130
SIS7SS07	2-Nitrophenol	480	ug/kg	U	U	140

SIS7SS07	Phenol	490	ug/kg	U	U	150
SIS7SS07	1,4-Dichlorobenzene	50	ug/kg	U	U	16
SIS7SS07	2-Chloronaphthalene	54	ug/kg	U	U	16
SIS7SS07	Bis(2-chloroethyl) ether	55	ug/kg	U	U	17
SIS7SS07	Hexachlorobenzene	60	ug/kg	U	U	18
SIS7SS07	Acenaphthene	61	ug/kg	U	U	18
SIS7SS07	1,2,4-Trichlorobenzene	64	ug/kg	U	U	19
SIS7SS07	Hexachloroethane	66	ug/kg	U	U	20
SIS7SS07	N-Nitrosodiphenylamine	68	ug/kg	U	U	20
SIS7SS07	2-Methylnaphthalene	78	ug/kg	U	U	23
SIS7SS07	2,6-Dinitrotoluene	80	ug/kg	U	U	24
SIS7SS07	Acenaphthylene	80	ug/kg	U	U	24
SIS7SS07	Bis(2-chloroethoxy)methane	80	ug/kg	U	U	24
SIS7SS07	2,4-Dinitrophenol	850	ug/kg	U	U	250
SIS7SS07	2,4-Dinitrotoluene	91	ug/kg	U	U	28
SIS7SS07	Butylbenzyl phthalate	96	ug/kg	U	U	29
SIS7SS07	Dimethyl phthalate	120	ug/kg	U	U	31
SIS7SS07	2-Nitroaniline	120	ug/kg	U	U	31
SIS7SS07	Isophorone	120	ug/kg	U	U	32
SIS7SS07	3,3'-Dichlorobenzidine	1100	ug/kg	UM	R	330
SIS7SS07	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	36
SIS7SS07	Hexachlorobutadiene	120	ug/kg	U	U	37
SIS7SS07	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	37
SIS7SS07	4-Nitroaniline	130	ug/kg	U	U	37
SIS7SS07	3-Nitroaniline	130	ug/kg	U	U	38
SIS7SS07	4-Nitrophenol	1300	ug/kg	U	U	390
SIS7SS07	Dibenzofuran	160	ug/kg	U	U	44
SIS7SS07	Di-n-octyl phthalate	160	ug/kg	U	U	47
SIS7SS07	Nitrobenzene	170	ug/kg	U	U	48
SIS7SS07	4-Chloroaniline	260	ug/kg	UM	UJ	78
SIS7SS07	Pentachlorophenol	600	ug/kg	U	U	84
SIS7SS07	2-Methyl-4,6-dinitrophenol	600	ug/kg	U	U	85
SIS7SS07	2,4,6-Trichlorophenol	310	ug/kg	U	U	91
SIS7SS07	2,4-Dimethylphenol	310	ug/kg	U	U	92
SIS7SS07	Benzyl alcohol	320	ug/kg	U	U	94
SIS7SS07	Fluorene	14	ug/kg	J	J	13
SIS7SS07	Bis(2-ethylhexyl) phthalate	140	ug/kg	B	U	34
SIS7SS07	Benzo(g,h,i)perylene	190	ug/kg	M	J	30
SIS7SS07	Indeno(1,2,3-cd)pyrene	210	ug/kg	M	J	9.6
SIS7SS07	Benzo(k)fluoranthene	220	ug/kg			25
SIS7SS07	Phenanthrene	290	ug/kg			13
SIS7SS07	Benzo(a)anthracene	360	ug/kg			11
SIS7SS07	Carbazole	40	ug/kg	J	J	13
SIS7SS07	Benzo(a)pyrene	440	ug/kg			23
SIS7SS07	Anthracene	45	ug/kg	J	J	12
SIS7SS07	Chrysene	450	ug/kg			14
SIS7SS07	Benzoic acid	490	ug/kg	JY	J	350
SIS7SS07	Dibenzo(a,h)anthracene	52	ug/kg	JM	J	13
SIS7SS07	Pyrene	640	ug/kg			13
SIS7SS07	Diethyl phthalate	160	ug/kg	U	U	46
SIS7SS07	Fluoranthene	790	ug/kg			25
SIS7SS07	Di-n-butyl phthalate	82	ug/kg	J	J	48

SIS7SS07	Benzo(b)fluoranthene	830	ug/kg			13
SIS7SS08	Total Solids	76.8	%			1.0
SIS7SS08	2,4-Dimethylphenol	340	ug/kg	U	UJ	100
SIS7SS08	Benzyl alcohol	350	ug/kg	U	UJ	100
SIS7SS08	Naphthalene	39	ug/kg	U	UJ	12
SIS7SS08	4-Chloro-3-methylphenol	400	ug/kg	U	UJ	120
SIS7SS08	2,4-Dichlorophenol	420	ug/kg	U	UJ	120
SIS7SS08	1,2-Dichlorobenzene	42	ug/kg	U	UJ	13
SIS7SS08	Anthracene	43	ug/kg	U	UJ	13
SIS7SS08	4-Bromophenyl phenyl ether	44	ug/kg	U	UJ	13
SIS7SS08	2-Methylphenol	440	ug/kg	U	UJ	130
SIS7SS08	Fluorene	45	ug/kg	U	UJ	14
SIS7SS08	Carbazole	47	ug/kg	U	UJ	14
SIS7SS08	Dibenzo(a,h)anthracene	47	ug/kg	U	UJ	14
SIS7SS08	1,3-Dichlorobenzene	48	ug/kg	U	UJ	14
SIS7SS08	Bis(2-chloroisopropyl) ether	49	ug/kg	U	UJ	14
SIS7SS08	4-Methylphenol	450	ug/kg	U	UJ	140
SIS7SS08	2-Chlorophenol	450	ug/kg	U	UJ	140
SIS7SS08	2,4,5-Trichlorophenol	450	ug/kg	U	UJ	140
SIS7SS08	2-Nitrophenol	520	ug/kg	U	UJ	150
SIS7SS08	Phenol	530	ug/kg	U	UJ	160
SIS7SS08	1,4-Dichlorobenzene	55	ug/kg	U	UJ	17
SIS7SS08	2-Chloronaphthalene	58	ug/kg	U	UJ	17
SIS7SS08	Bis(2-chloroethyl) ether	60	ug/kg	U	UJ	18
SIS7SS08	Hexachlorobenzene	65	ug/kg	U	UJ	19
SIS7SS08	Acenaphthene	66	ug/kg	U	UJ	19
SIS7SS08	1,2,4-Trichlorobenzene	69	ug/kg	U	UJ	21
SIS7SS08	Hexachloroethane	71	ug/kg	U	UJ	22
SIS7SS08	N-Nitrosodiphenylamine	74	ug/kg	U	UJ	22
SIS7SS08	2-Methylnaphthalene	84	ug/kg	U	UJ	25
SIS7SS08	2,6-Dinitrotoluene	87	ug/kg	U	UJ	26
SIS7SS08	Acenaphthylene	87	ug/kg	U	UJ	26
SIS7SS08	Bis(2-chloroethoxy)methane	87	ug/kg	U	UJ	26
SIS7SS08	Benzo(k)fluoranthene	91	ug/kg	U	UJ	27
SIS7SS08	2,4-Dinitrophenol	920	ug/kg	U	UJ	270
SIS7SS08	2,4-Dinitrotoluene	99	ug/kg	U	UJ	30
SIS7SS08	Butylbenzyl phthalate	130	ug/kg	U	UJ	31
SIS7SS08	Dimethyl phthalate	130	ug/kg	U	UJ	34
SIS7SS08	2-Nitroaniline	130	ug/kg	U	UJ	34
SIS7SS08	Isophorone	130	ug/kg	U	UJ	35
SIS7SS08	3,3'-Dichlorobenzidine	1200	ug/kg	U	UJ	360
SIS7SS08	Benzoic acid	1300	ug/kg	U	UJ	380
SIS7SS08	N-Nitroso-di-n-propylamine	140	ug/kg	U	UJ	39
SIS7SS08	Hexachlorobutadiene	130	ug/kg	U	UJ	40
SIS7SS08	4-Chlorophenyl phenyl ether	140	ug/kg	U	UJ	40
SIS7SS08	4-Nitroaniline	140	ug/kg	U	UJ	40
SIS7SS08	3-Nitroaniline	140	ug/kg	U	UJ	42
SIS7SS08	4-Nitrophenol	1400	ug/kg	U	UJ	420
SIS7SS08	Dibenzofuran	170	ug/kg	U	UJ	48
SIS7SS08	Diethyl phthalate	170	ug/kg	U	UJ	49
SIS7SS08	Di-n-octyl phthalate	170	ug/kg	U	UJ	51
SIS7SS08	Nitrobenzene	180	ug/kg	U	UJ	52

SIS7SS08	4-Chloroaniline	290	ug/kg	U	UJ	84
SIS7SS08	Pentachlorophenol	650	ug/kg	U	UJ	91
SIS7SS08	2-Methyl-4,6-dinitrophenol	650	ug/kg	U	UJ	92
SIS7SS08	2,4,6-Trichlorophenol	340	ug/kg	U	UJ	99
SIS7SS08	Phenanthrene	25	ug/kg	J	J	14
SIS7SS08	Benzo(a)pyrene	25	ug/kg	J	J	25
SIS7SS08	Benzo(a)anthracene	27	ug/kg	J	J	12
SIS7SS08	Indeno(1,2,3-cd)pyrene	29	ug/kg	J	J	10
SIS7SS08	Benzo(g,h,i)perylene	33	ug/kg	J	J	32
SIS7SS08	Bis(2-ethylhexyl) phthalate	380	ug/kg	B	U	36
SIS7SS08	Chrysene	39	ug/kg	J	J	16
SIS7SS08	Pyrene	48	ug/kg	J	J	14
SIS7SS08	Benzo(b)fluoranthene	57	ug/kg	J	J	14
SIS7SS08	Di-n-butyl phthalate	58	ug/kg	J	J	52
SIS7SS08	Fluoranthene	61	ug/kg	J	J	27
SIS7SS09	Total Solids	70.4	%			1.0
SIS7SS09	2-Methyl-4,6-dinitrophenol	710	ug/kg	U	UJ	100
SIS7SS09	2,4,6-Trichlorophenol	370	ug/kg	U	UJ	110
SIS7SS09	2,4-Dimethylphenol	370	ug/kg	U	UJ	110
SIS7SS09	Benzyl alcohol	380	ug/kg	U	U	110
SIS7SS09	Naphthalene	42	ug/kg	U	U	13
SIS7SS09	4-Chloro-3-methylphenol	440	ug/kg	U	UJ	130
SIS7SS09	2,4-Dichlorophenol	450	ug/kg	U	UJ	130
SIS7SS09	1,2-Dichlorobenzene	45	ug/kg	U	U	14
SIS7SS09	Anthracene	47	ug/kg	U	U	14
SIS7SS09	4-Bromophenyl phenyl ether	48	ug/kg	U	U	14
SIS7SS09	2-Methylphenol	480	ug/kg	U	UJ	140
SIS7SS09	4-Methylphenol	500	ug/kg	U	UJ	150
SIS7SS09	2-Chlorophenol	500	ug/kg	U	UJ	150
SIS7SS09	2,4,5-Trichlorophenol	500	ug/kg	U	UJ	150
SIS7SS09	Fluorene	50	ug/kg	U	U	16
SIS7SS09	Carbazole	51	ug/kg	U	U	16
SIS7SS09	Dibenzo(a,h)anthracene	51	ug/kg	U	U	16
SIS7SS09	1,3-Dichlorobenzene	52	ug/kg	U	U	16
SIS7SS09	Bis(2-chloroisopropyl) ether	54	ug/kg	U	U	16
SIS7SS09	2-Nitrophenol	570	ug/kg	U	UJ	170
SIS7SS09	Phenol	580	ug/kg	U	UJ	170
SIS7SS09	1,4-Dichlorobenzene	59	ug/kg	U	U	18
SIS7SS09	2-Chloronaphthalene	64	ug/kg	U	U	18
SIS7SS09	Bis(2-chloroethyl) ether	65	ug/kg	U	U	20
SIS7SS09	Hexachlorobenzene	71	ug/kg	U	U	21
SIS7SS09	Acenaphthene	72	ug/kg	U	U	21
SIS7SS09	1,2,4-Trichlorobenzene	75	ug/kg	U	U	23
SIS7SS09	Hexachloroethane	78	ug/kg	U	U	24
SIS7SS09	N-Nitrosodiphenylamine	81	ug/kg	U	U	24
SIS7SS09	2-Methylnaphthalene	92	ug/kg	U	U	27
SIS7SS09	2,6-Dinitrotoluene	95	ug/kg	U	U	28
SIS7SS09	Acenaphthylene	95	ug/kg	U	U	28
SIS7SS09	Bis(2-chloroethoxy)methane	95	ug/kg	U	U	28
SIS7SS09	Benzo(k)fluoranthene	99	ug/kg	U	U	30
SIS7SS09	2,4-Dinitrophenol	1000	ug/kg	U	UJ	300
SIS7SS09	2,4-Dinitrotoluene	140	ug/kg	U	U	33

SIS7SS09	Butylbenzyl phthalate	140	ug/kg	U	U	34
SIS7SS09	Benzo(g,h,i)perylene	140	ug/kg	U	U	35
SIS7SS09	Dimethyl phthalate	140	ug/kg	U	U	37
SIS7SS09	2-Nitroaniline	140	ug/kg	U	U	37
SIS7SS09	Isophorone	140	ug/kg	U	U	38
SIS7SS09	3,3'-Dichlorobenzidine	1300	ug/kg	U	U	390
SIS7SS09	N-Nitroso-di-n-propylamine	160	ug/kg	U	U	42
SIS7SS09	Hexachlorobutadiene	140	ug/kg	U	U	44
SIS7SS09	4-Chlorophenyl phenyl ether	160	ug/kg	U	U	44
SIS7SS09	4-Nitroaniline	160	ug/kg	U	U	44
SIS7SS09	3-Nitroaniline	160	ug/kg	U	U	45
SIS7SS09	4-Nitrophenol	1600	ug/kg	U	UJ	460
SIS7SS09	Dibenzofuran	180	ug/kg	U	U	52
SIS7SS09	Diethyl phthalate	180	ug/kg	U	U	54
SIS7SS09	Di-n-octyl phthalate	180	ug/kg	U	U	55
SIS7SS09	Nitrobenzene	200	ug/kg	U	U	57
SIS7SS09	4-Chloroaniline	310	ug/kg	U	U	92
SIS7SS09	Pentachlorophenol	710	ug/kg	U	UJ	99
SIS7SS09	Bis(2-ethylhexyl) phthalate	160	ug/kg	B	U	40
SIS7SS09	Indeno(1,2,3-cd)pyrene	19	ug/kg	J	J	11
SIS7SS09	Benzo(a)pyrene	27	ug/kg	J	J	27
SIS7SS09	Chrysene	30	ug/kg	J	J	17
SIS7SS09	Benzo(a)anthracene	35	ug/kg	J	J	13
SIS7SS09	Phenanthrene	36	ug/kg	J	J	16
SIS7SS09	Benzo(b)fluoranthene	49	ug/kg	J	J	16
SIS7SS09	Pyrene	55	ug/kg	J	J	16
SIS7SS09	Di-n-butyl phthalate	60	ug/kg	J	J	57
SIS7SS09	Benzoic acid	620	ug/kg	J	J	410
SIS7SS09	Fluoranthene	64	ug/kg	J	J	30

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62000	SD
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12100	SD
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1710	SD
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PROJECT	SAMPNUMB	LOCATNCODE	MATRIX	XLOCATION
NBAFS	LF003-MW1	SITE 5	GW	22.65
NBAFS	LF003-MW1 DUPE	SITE 5	GW	22.65
NBAFS	LF003-MW2	SITE 5	GW	71.0
NBAFS	RINSE BLANK-1	SITES 5,8,9,10,18	RB	NA
NBAFS	SIS08-MW1	SITE 8	GW	81.0
NBAFS	SIS18- MW5	SITE 18	GW	20.5
NBAFS	SIS18-MW1	SITE 18	GW	51.0
NBAFS	SIS18-MW2	SITE 18	GW	11.5
NBAFS	SIS18-MW3	SITE 18	GW	51.0
NBAFS	SIS18-MW4	SITE 18	GW	21.0
NBAFS	SS008-MW1	SITE 9	GW	6.0
NBAFS	SS008-MW2	SITE 9	GW	11.5
NBAFS	SS008-MW3	SITE 9	GW	26.4
NBAFS	SS008-MW4	SITE 9	GW	82.0
NBAFS	SS009-MW1	SITE 10	GW	5.0
NBAFS	SS009-MW2	SITE 10	GW	5.9
NBAFS	SS009-MW3	SITE 10	GW	56.5
NBAFS	TRIP BLANK 051010	SITES 5,8,9,10,18	TB	NA
NBAFS	FIELD BLANK #2	SITE 7 & 18	RB	NA
NBAFS	SIS18SB14	SITE 18	SB	1.5
NBAFS	SIS18SB15	SITE 18	SB	1.5
NBAFS	SIS18SB16	SITE 18	SB	1.5
NBAFS	SIS18SB17	SITE 18	SB	1.5
NBAFS	SIS18SB18	SITE 18	SB	1.5
NBAFS	SIS18SB19	SITE 18	SB	1.5
NBAFS	SIS18SB20	SITE 18	SB	1.5
NBAFS	SIS18SB21	SITE 18	SB	1.5
NBAFS	SIS18SB22	SITE 18	SB	1.5
NBAFS	SIS18SB23	SITE 18	SB	1.5
NBAFS	SIS18SB28	SITE 18	SB	1.5
NBAFS	SIS18SB29	SITE 18	SB	1.5
NBAFS	SIS18SB30	SITE 18	SB	1.5
NBAFS	SIS18SB31	SITE 18	SB	1.5
NBAFS	SIS18SB32	SITE 18	SB	1.5
NBAFS	SIS18SD11	SITE 18	SD	0.0
NBAFS	SIS18SD11 DUPE	SITE 18	SD	0.0
NBAFS	SIS18SD12	SITE 18	SD	0.0
NBAFS	SIS18SD13	SITE 18	SD	0.0
NBAFS	SIS18SD14	SITE 18	SD	0.0
NBAFS	SIS18SD15	SITE 18	SD	0.0
NBAFS	SIS18SS09	SITE 18	SS	0.0
NBAFS	SIS18SS10	SITE 18	SS	0.0
NBAFS	SIS18SS11	SITE 18	SS	0.0
NBAFS	SIS18SS12	SITE 18	SS	0.0
NBAFS	SIS18SS14	SITE 18	SS	0.0
NBAFS	SIS18SS15	SITE 18	SS	0.0
NBAFS	SIS18SS16	SITE 18	SS	0.0
NBAFS	SIS18SS17	SITE 18	SS	0.0
NBAFS	SIS18SS18	SITE 18	SS	0.0
NBAFS	SIS18SS19	SITE 18	SS	0.0
NBAFS	SIS18SS20	SITE 18	SS	0.0

NBAFS	SIS18SS21	SITE 18	SS	0.0
NBAFS	SIS18SS22	SITE 18	SS	0.0
NBAFS	SIS18SS23	SITE 18	SS	0.0
NBAFS	SIS18SS24	SITE 18	SS	0.0
NBAFS	SIS18SS25	SITE 18	SS	0.0
NBAFS	SIS18SS25 DUPE	SITE 18	SS	0.0
NBAFS	SIS18SS26	SITE 18	SS	0.0
NBAFS	SIS18SS27	SITE 18	SS	0.0
NBAFS	SIS18SS29	SITE 18	SS	0.0
NBAFS	SIS18SS30	SITE 18	SS	0.0
NBAFS	SIS18SS31	SITE 18	SS	0.0
NBAFS	SIS18SS32	SITE 18	SS	0.0
NBAFS	SIS18SS32 DUPE	SITE 18	SS	0.0
NBAFS	SIS7SB04	SITE 7	SB	1.5
NBAFS	SIS7SB04 DUPE	SITE 7	SB	1.5
NBAFS	SIS7SB05	SITE 7	SB	1.5
NBAFS	SIS7SB06	SITE 7	SB	1.5
NBAFS	SIS7SB07	SITE 7	SB	1.5
NBAFS	SIS7SB08	SITE 7	SB	1.5
NBAFS	SIS7SB09	SITE 7	SB	1.5
NBAFS	SIS7SS04	SITE 7	SS	0.0
NBAFS	SIS7SS05	SITE 7	SS	0.0
NBAFS	SIS7SS06	SITE 7	SS	0.0
NBAFS	SIS7SS07	SITE 7	SS	0.0
NBAFS	SIS7SS08	SITE 7	SS	0.0
NBAFS	SIS7SS09	SITE 7	SS	0.0

YLOCATION	Z1	Z2
37.65	22.65	37.65
37.65	22.65	37.65
81.0	71.0	81.0
NA	NA	NA
101	81.0	101
30.5	20.5	30.5
61.0	51.0	61.0
21.5	11.5	21.5
71.0	51.0	71.0
31.0	21.0	31.0
26.0	6.0	26.0
26.5	11.5	26.5
41.4	26.4	41.4
102	82.0	102
15.0	5.0	15.0
20.9	5.9	20.9
76.5	56.5	76.5
NA	NA	NA
NA	NA	NA
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5

0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5

Site	Location	FieldID	Depth_Top	Depth_Bottom	Lab_Name	SDG
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958

NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	Accutest	78958

Field_Id	Matrix	Lab_Id	Prep_Method_No	Anal_Method_No	Sample_Date	Receipt_Date
SS009-MW2	GW	797343	8011	8011	05/11/10	05/13/10
SS009-MW2	GW	797343	8011	8011	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B

SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B SIM	05/11/10	05/13/10

Prep_Date	Analysis_Date	CAS	Analyte	Result	Lab_Qualifier
05/21/10	05/21/10	96-12-8	1,2-Dibromo-3-chloropropane	0.090	U
05/21/10	05/21/10	106-93-4	1,2-Dibromoethane	0.090	U
05/19/10	05/19/10	630-20-6	1,1,1,2-Tetrachloroethane	0.40	U
05/19/10	05/19/10	71-55-6	1,1,1-Trichloroethane	0.40	U
05/19/10	05/19/10	79-34-5	1,1,2,2-Tetrachloroethane	0.40	U
05/19/10	05/19/10	79-00-5	1,1,2-Trichloroethane	0.40	U
05/19/10	05/19/10	75-34-3	1,1-Dichloroethane	0.40	U
05/19/10	05/19/10	75-35-4	1,1-Dichloroethene	0.40	U
05/19/10	05/19/10	563-58-6	1,1-Dichloropropene	0.40	U
05/19/10	05/19/10	87-61-6	1,2,3-Trichlorobenzene	0.40	U
05/19/10	05/19/10	96-18-4	1,2,3-Trichloropropane	0.40	U
05/19/10	05/19/10	120-82-1	1,2,4-Trichlorobenzene	0.40	U
05/19/10	05/19/10	95-63-6	1,2,4-Trimethylbenzene	0.055	J
05/19/10	05/19/10	95-50-1	1,2-Dichlorobenzene	0.40	U
05/19/10	05/19/10	107-06-2	1,2-Dichloroethane	0.40	U
05/19/10	05/19/10	78-87-5	1,2-Dichloropropane	0.40	U
05/15/10	05/15/10	108-70-3	1,3,5-Trichlorobenzene	1.0	U
05/19/10	05/19/10	108-67-8	1,3,5-Trimethylbenzene	0.40	U
05/19/10	05/19/10	541-73-1	1,3-Dichlorobenzene	0.40	U
05/19/10	05/19/10	142-28-9	1,3-Dichloropropane	0.40	U
05/19/10	05/19/10	106-46-7	1,4-Dichlorobenzene	0.40	U
05/19/10	05/19/10	544-10-5	1-Chlorohexane	0.40	U
05/19/10	05/19/10	594-20-7	2,2-Dichloropropane	0.40	U
05/19/10	05/19/10	78-93-3	2-Butanone	2.0	U
05/19/10	05/19/10	95-49-8	2-Chlorotoluene	0.40	U
05/19/10	05/19/10	591-78-6	2-Hexanone	4.0	U
05/19/10	05/19/10	106-43-4	4-Chlorotoluene	0.40	U
05/19/10	05/19/10	108-10-1	4-Methyl-2-pentanone	4.0	U
05/19/10	05/19/10	67-64-1	Acetone	4.0	U
05/19/10	05/19/10	71-43-2	Benzene	0.40	U
05/19/10	05/19/10	108-86-1	Bromobenzene	0.40	U
05/19/10	05/19/10	74-97-5	Bromochloromethane	0.40	U
05/19/10	05/19/10	75-27-4	Bromodichloromethane	0.40	U
05/19/10	05/19/10	75-25-2	Bromoform	0.40	U
05/19/10	05/19/10	74-83-9	Bromomethane	0.40	U
05/19/10	05/19/10	75-15-0	Carbon disulfide	0.80	U
05/19/10	05/19/10	56-23-5	Carbon tetrachloride	0.40	U
05/19/10	05/19/10	108-90-7	Chlorobenzene	0.40	U
05/19/10	05/19/10	75-00-3	Chloroethane	0.40	U
05/19/10	05/19/10	67-66-3	Chloroform	0.043	J
05/19/10	05/19/10	74-87-3	Chloromethane	0.068	J
05/19/10	05/19/10	156-59-2	cis-1,2-Dichloroethene	0.40	U
05/19/10	05/19/10	10061-01-5	cis-1,3-Dichloropropene	0.40	U
05/19/10	05/19/10	124-48-1	Dibromochloromethane	0.40	U
05/19/10	05/19/10	74-95-3	Dibromomethane	0.40	U
05/19/10	05/19/10	75-71-8	Dichlorodifluoromethane	0.20	U
05/19/10	05/19/10	108-20-3	Diisopropyl ether	0.40	U
05/15/10	05/15/10	60-29-7	Ethyl ether	1.0	U
05/19/10	05/19/10	100-41-4	Ethylbenzene	0.047	J
05/19/10	05/19/10	87-68-3	Hexachlorobutadiene	0.40	U
05/19/10	05/19/10	98-82-8	Isopropylbenzene	0.40	U

05/19/10	05/19/10	1330-20-7	m,p-Xylenes	0.14	J
05/19/10	05/19/10	1634-04-4	Methyl tert-butyl ether	0.40	U
05/19/10	05/19/10	75-09-2	Methylene chloride	0.40	U
05/19/10	05/19/10	91-20-3	Naphthalene	0.40	U
05/19/10	05/19/10	104-51-8	n-Butylbenzene	0.40	U
05/19/10	05/19/10	103-65-1	n-Propylbenzene	0.40	U
05/19/10	05/19/10	95-47-6	o-Xylene	0.064	J
05/19/10	05/19/10	99-87-6	p-Isopropyltoluene	0.40	U
05/19/10	05/19/10	135-98-8	sec-Butylbenzene	0.40	U
05/19/10	05/19/10	100-42-5	Styrene	0.40	U
05/15/10	05/15/10	994-05-08	Tert-amyl methyl ether	1.0	U
05/15/10	05/15/10	75-65-0	Tert-Butyl Alcohol	20	U
05/15/10	05/15/10	637-92-3	Tert-butyl ethyl ether	1.0	U
05/19/10	05/19/10	98-06-6	tert-Butylbenzene	0.40	U
05/19/10	05/19/10	127-18-4	Tetrachloroethene	0.40	U
05/19/10	05/19/10	109-99-9	Tetrahydrofuran	4.0	U
05/19/10	05/19/10	108-88-3	Toluene	0.20	J
05/19/10	05/19/10	156-60-5	trans-1,2-Dichloroethene	0.40	U
05/19/10	05/19/10	10061-02-6	trans-1,3-Dichloropropene	0.40	U
05/19/10	05/19/10	79-01-6	Trichloroethene	0.40	U
05/19/10	05/19/10	75-69-4	Trichlorofluoromethane	0.20	U
05/19/10	05/19/10	75-01-4	Vinyl chloride	0.20	U
05/20/10	05/20/10	123-91-1	1,4-Dioxane	1.0	U

Val_Qualifiers	Combined_Qualifier	Units	Dilution	MDL	MRL	Res_Code	Surrog_Flg	PF_Code	Basis
	U	ug/L	1	0.030	0.090	PP01	F	T	W
	U	ug/L	1	0.030	0.090	PP01	F	T	W
	U	ug/L	1	0.011	0.40	PP01	F	T	W
	U	ug/L	1	0.0090	0.40	PP01	F	T	W
	U	ug/L	1	0.017	0.40	PP01	F	T	W
	U	ug/L	1	0.015	0.40	PP01	F	T	W
	U	ug/L	1	0.021	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.012	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.027	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
J	J	ug/L	1	0.029	0.40	PP01	F	T	W
	U	ug/L	1	0.025	0.40	PP01	F	T	W
	U	ug/L	1	0.015	0.40	PP01	F	T	W
	U	ug/L	1	0.012	0.40	PP01	F	T	W
	U	ug/L	1	0.30	1.0	PP01	F	T	W
	U	ug/L	1	0.024	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.020	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.019	0.40	PP01	F	T	W
	U	ug/L	1	0.50	2.0	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.12	4.0	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.18	4.0	PP01	F	T	W
	U	ug/L	1	1.0	4.0	PP01	F	T	W
	U	ug/L	1	0.0080	0.40	PP01	F	T	W
	U	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.016	0.40	PP01	F	T	W
	U	ug/L	1	0.019	0.40	PP01	F	T	W
	U	ug/L	1	0.038	0.40	PP01	F	T	W
	U	ug/L	1	0.070	0.80	PP01	F	T	W
	U	ug/L	1	0.018	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.070	0.40	PP01	F	T	W
J	J	ug/L	1	0.010	0.40	PP01	F	T	W
U	U	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.022	0.40	PP01	F	T	W
	U	ug/L	1	0.012	0.40	PP01	F	T	W
	U	ug/L	1	0.018	0.40	PP01	F	T	W
	U	ug/L	1	0.010	0.40	PP01	F	T	W
	U	ug/L	1	0.013	0.20	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.22	1.0	PP01	F	T	W
J	J	ug/L	1	0.027	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.026	0.40	PP01	F	T	W

J	J	ug/L	1	0.060	0.80	PP01	F	T	W
	U	ug/L	1	0.025	0.40	PP01	F	T	W
UJ	UJ	ug/L	1	0.20	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.027	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
J	J	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.025	0.40	PP01	F	T	W
	U	ug/L	1	0.024	0.40	PP01	F	T	W
	U	ug/L	1	0.024	0.40	PP01	F	T	W
	U	ug/L	1	0.14	1.0	PP01	F	T	W
R	R	ug/L	1	7.0	20	PP01	F	T	W
	U	ug/L	1	0.11	1.0	PP01	F	T	W
	U	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.010	0.40	PP01	F	T	W
R	R	ug/L	1	0.30	4.0	PP01	F	T	W
U	U	ug/L	1	0.011	0.40	PP01	F	T	W
	U	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.014	0.40	PP01	F	T	W
	U	ug/L	1	0.020	0.40	PP01	F	T	W
	U	ug/L	1	0.022	0.20	PP01	F	T	W
	U	ug/L	1	0.019	0.20	PP01	F	T	W
	U	ug/L	1	1.0	NA	PP01	F	T	W

Solids
0.0
0.0
0.0

0.0
0.0
0.0
0.0
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0.0
0.0
0.0

Site	Location	FieldID	Depth_Top	Depth_Bottom
NBAFS	Site 7 & 18	IDW DRUM	NA	NA

Lab_Name	SDG	Field_Id	Matrix	Lab_Id	Prep_Method_No
CT Labs	79122	IDW DRUM	AQ	801743	9040C
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	376.1
CT Labs	79122	IDW DRUM	AQ	801743	9012
CT Labs	79122	IDW DRUM	AQ	801743	1311/7470A
CT Labs	79122	IDW DRUM	AQ	801743	1010
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B

Anal_Method_No	Sample_Date	Receipt_Date	Prep_Date
9040C	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
376.1	05/21/10	05/25/10	05/26/10
9012	05/21/10	05/25/10	06/03/10
7470A	05/21/10	05/25/10	06/02/10
1010	05/21/10	05/25/10	05/27/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10

Analysis_Date	CAS	Analyte	Result	Lab_Qualifier
05/27/10	PH	pH	6.63	
05/27/10	71-43-2	Benzene	1.0	U
05/27/10	79-01-6	Trichloroethene	1.0	U
05/27/10	75-01-4	Vinyl chloride	1.0	U
05/27/10	56-23-5	Carbon tetrachloride	1.0	U
05/27/10	75-35-4	1,1-Dichloroethene	1.0	U
05/27/10	108-90-7	Chlorobenzene	1.0	U
05/27/10	107-06-2	1,2-Dichloroethane	1.0	U
05/27/10	127-18-4	Tetrachloroethene	1.0	U
05/27/10	78-93-3	2-Butanone	10	U
05/27/10	67-66-3	Chloroform	0.35	J
06/03/10	7440-22-4	Silver	0.70	U
06/03/10	7440-43-9	Cadmium	0.65	
06/03/10	7439-92-1	Lead	1.5	U
06/03/10	7440-47-3	Chromium	0.92	J
06/03/10	7782-49-2	Selenium	2.3	U
06/03/10	7440-38-2	Arsenic	7.4	J
06/05/10	7440-39-3	Barium	27.2	
05/26/10	18496-25-8	Sulfide	1.0	U
06/07/10	57-12-5	Cyanide	6.0	U
06/03/10	7439-97-6	Mercury	0.040	U
05/27/10	FLASHPT	Flashpoint	>140	
06/01/10	67-72-1	Hexachloroethane	1.0	U
06/01/10	106-46-7	1,4-Dichlorobenzene	1.0	U
06/01/10	98-95-3	Nitrobenzene	1.0	U
06/01/10	121-14-2	2,4-Dinitrotoluene	1.0	U
06/01/10	118-74-1	Hexachlorobenzene	1.0	U
06/01/10	87-68-3	Hexachlorobutadiene	1.0	U
06/01/10	1319-77-3	4-Methylphenol	2.3	U
06/01/10	95-95-4	2,4,5-Trichlorophenol	2.7	U
06/01/10	88-06-2	2,4,6-Trichlorophenol	2.9	U
06/01/10	95-48-7	2-Methylphenol	2.9	U
06/01/10	87-86-5	Pentachlorophenol	5.1	U
06/01/10	110-86-1	Pyridine	6.0	U
05/26/10	67-66-3	Chloroform	1.0	U
05/26/10	71-43-2	Benzene	1.0	U
05/26/10	79-01-6	Trichloroethene	1.0	U
05/26/10	75-01-4	Vinyl chloride	1.0	U
05/26/10	56-23-5	Carbon tetrachloride	1.0	U
05/26/10	75-35-4	1,1-Dichloroethene	1.0	U
05/26/10	108-90-7	Chlorobenzene	1.0	U
05/26/10	107-06-2	1,2-Dichloroethane	1.0	U
05/26/10	127-18-4	Tetrachloroethene	1.0	U
05/26/10	78-93-3	2-Butanone	10	U

Spacer	Combined_Qualifier	Units	Dilution	MDL	MRL
		S.U.	1	1.0	NA
	U	ug/L	1	0.19	1.0
	U	ug/L	1	0.21	1.0
	U	ug/L	1	0.22	1.0
	U	ug/L	1	0.23	1.0
	U	ug/L	1	0.24	1.0
	U	ug/L	1	0.24	1.0
	U	ug/L	1	0.30	1.0
	U	ug/L	1	0.30	1.0
	U	ug/L	1	2.4	10
	J	ug/L	1	0.15	1.0
	U	ug/L	1	0.70	2.0
		ug/L	1	0.11	0.40
	U	ug/L	1	1.5	4.9
	J	ug/L	1	0.70	2.0
	U	ug/L	1	2.3	14
	J	ug/L	1	4.0	13
		ug/L	1	0.26	1.8
	U	mg/L	1	1.0	1.0
	U	ug/L	1	6.0	20
	U	ug/L	1	0.040	0.14
		Deg.	1	NA	NA
	U	ug/L	1	0.071	1.0
	U	ug/L	1	0.082	1.0
	U	ug/L	1	0.15	1.0
	U	ug/L	1	0.19	1.0
	U	ug/L	1	0.22	1.0
	U	ug/L	1	0.31	1.0
	U	ug/L	1	0.68	2.3
	U	ug/L	1	0.81	2.7
	U	ug/L	1	0.88	2.9
	U	ug/L	1	0.89	2.9
	U	ug/L	1	0.91	5.1
	U	ug/L	1	1.8	6.0
	U	ug/L	1	0.15	1.0
	U	ug/L	1	0.19	1.0
	U	ug/L	1	0.21	1.0
	U	ug/L	1	0.22	1.0
	U	ug/L	1	0.23	1.0
	U	ug/L	1	0.24	1.0
	U	ug/L	1	0.24	1.0
	U	ug/L	1	0.30	1.0
	U	ug/L	1	0.30	1.0
	U	ug/L	1	2.4	10

Res_Code	Surrog_Flg	PF_Code	Basis	Solids
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP02	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0

09/13/19	Sample ID	Matrix	Top Depth	Bottom Depth	Date Collected	SDG
Analytical Program for Site 5						
	LF003-MW1	GW	22.65	37.65	05/10/10	78958
	LF003-MW2	GW	71.0	81.0	05/10/10	78958
Field Duplicate	LF003-MW1 DUPE	GW	22.65	37.65	05/10/10	78958
	Rinse Blank-1	GW	NA	NA	05/12/10	78958
	Trip Blank	GW	NA	NA	05/10/10	78958
Analytical Program for Site 7						
	SIS7SS04	SS	0.0	0.5	05/20/10	79122
	SIS7SS05	SS	0.0	0.5	05/20/10	79122
	SIS7SS06	SS	0.0	0.5	05/20/10	79122
	SIS7SS07	SS	0.0	0.5	05/20/10	79122
	SIS7SS08	SS	0.0	0.5	05/20/10	79122
	SIS7SS09	SS	0.0	0.5	05/20/10	79122
	SIS7SB04	SB	1.5	2.0	05/20/10	79122
	SIS7SB05	SB	1.5	2.0	05/20/10	79122
	SIS7SB06	SB	1.5	2.0	05/20/10	79122
	SIS7SB07	SB	1.5	2.0	05/20/10	79122
	SIS7SB08	SB	1.5	2.0	05/20/10	79122
	SIS7SB09	SB	1.5	2.0	05/20/10	79122
Field Duplicate	SIS7SB04 DUPE	SB	1.5	2.0	05/20/10	79122
Analytical Program for Site 8						
	SIS8-MW1	GW	81.0	101	05/12/10	78958
Analytical Program for Site 9						
	SS008-MW1	GW	6.0	26.0	05/11/10	78958
	SS008-MW2	GW	11.5	26.5	05/11/10	78958
	SS008-MW3	GW	26.4	41.4	05/11/10	78958
	SS008-MW4	GW	82.0	102	05/11/10	78958
Analytical Program for Site 10						
	SS009-MW1	GW	5.0	15.0	05/11/10	78958
	SS009-MW2	GW	5.9	20.9	05/11/10	78958
	SS009-MW3	GW	56.5	76.5	05/11/10	78958
Analytical Program for Site 18						
	SIS18SD11	SD	0.0	0.5	05/20/10	79122
	SIS18SD12	SD	0.0	0.5	05/20/10	79122
	SIS18SD13	SD	0.0	0.5	05/20/10	79122
	SIS18SD14	SD	0.0	0.5	05/20/10	79122
	SIS18SD15	SD	0.0	0.5	05/20/10	79122
Field Duplicate	SIS18SD11 DUPE	SD	0.0	0.5	05/20/10	79122
	SIS18SS9	SS	0.0	0.5	05/20/10	79122
	SIS18SS10	SS	0.0	0.5	05/20/10	79122

	SIS18SS11	SS	0.0	0.5	05/20/10	79122
	SIS18SS12	SS	0.0	0.5	05/20/10	79122
	SIS18SS14	SS	0.0	0.5	05/20/10	79122
	SIS18SB14	SB	1.5	2.0	05/20/10	79122
	SIS18SS15	SS	0.0	0.5	05/20/10	79122
	SIS18SB15	SB	1.5	2.0	05/20/10	79122
	SIS18SS16	SS	0.0	0.5	05/20/10	79122
	SIS18SB16	SB	1.5	2.0	05/20/10	79122
	SIS18SS17	SS	0.0	0.5	05/20/10	79122
	SIS18SB17	SB	1.5	2.0	05/20/10	79122
	SIS18SS18	SS	0.0	0.5	05/20/10	79122
	SIS18SB18	SB	1.5	2.0	05/20/10	79122
	SIS18SS19	SS	0.0	0.5	05/20/10	79122
	SIS18SB19	SB	1.5	2.0	05/20/10	79122
	SIS18SS20	SS	0.0	0.5	05/20/10	79122
	SIS18SB20	SB	1.5	2.0	05/20/10	79122
	SIS18SS21	SS	0.0	0.5	05/20/10	79122
	SIS18SB21	SB	1.5	2.0	05/20/10	79122
	SIS18SS22	SS	0.0	0.5	05/20/10	79122
	SIS18SB22	SB	1.5	2.0	05/20/10	79122
	SIS18SS23	SS	0.0	0.5	05/20/10	79122
	SIS18SB23	SB	1.5	2.0	05/20/10	79122
	SIS18SS24	SS	0.0	0.5	05/20/10	79122
	SIS18SS25	SS	0.0	0.5	05/20/10	79122
	SIS18SS26	SS	0.0	0.5	05/20/10	79122
	SIS18SS27	SS	0.0	0.5	05/20/10	79122
	SIS18SB28	SB	1.5	2.0	05/20/10	79122
	SIS18SS29	SS	0.0	0.5	05/20/10	79122
	SIS18SB29	SB	1.5	2.0	05/20/10	79122
	SIS18SS30	SS	0.0	0.5	05/20/10	79122
	SIS18SB30	SB	1.5	2.0	05/20/10	79122
	SIS18SS31	SS	0.0	0.5	05/20/10	79122
	SIS18SB31	SB	1.5	2.0	05/20/10	79122
	SIS18SS32	SS	0.0	0.5	05/20/10	79122
	SIS18SB32	SB	1.5	2.0	05/20/10	79122
Field Duplicate	SIS18SS32 DUPE	SO	NA	NA	05/20/10	79122
Field Duplicate	SIS18SS25 DUPE	SO	NA	NA	05/20/10	79122
	Trip Blank	QC	NA	NA	05/21/10	79122
	Field Blank-2	SO/SD	NA	NA	05/21/10	79122
	SIS18-MW1	GW	51.0	61.0	05/10/10	78958
	SIS18-MW2	GW	11.5	21.5	05/12/10	78958
	SIS18-MW3	GW	51.0	71.0	05/10/10	78958
	SIS18-MW4	GW	21.0	31.0	05/10/10	78958
	SIS18-MW5	GW	20.5	30.5	05/10/10	78958

Analytical Program for Site Wide Investigative-Derived Waste						
	IDW DRUM	AQ	NA	NA	05/21/10	79122

Status Key:	
P =	Proposed Sample to be Collected
L =	Lab Sample Analyses in Process
F =	Form 1 Received
R =	Data Package Received
V =	Validation in Process
C =	Validation Completed
EC =	ERPIMS Completed
A =	Added to Original Scope
NA =	Not Applicable
TBD=	To Be Determined

TAT =	14/30

[1]The NHDES TCL VOCs

[2]The waste characterizatic

NA = Not Applicable.

Hg = Mercury

Cu = Copper

TOC = Total Organic Car

Lab ID	Fax Due Date	Data Pkg. Due Date	Fax Date Received	Data Pkg. Date Rec.	TCL SVOC	Stat.	NHDES VOC[1]	Stat.	TCL PCBs	Stat.
797348	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797345	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797349	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797335	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797352	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
801631	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801625	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801623	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801621	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801627	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801629	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801632	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801626	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801624	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801622	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801628	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801630	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801633	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
797337	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797341	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797339	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797340	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797338	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797342	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797343	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797344	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
801738	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801737	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801735	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801740	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801741	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801739	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801806	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801733	06/08/10	06/24/10	06/15/10	06/21/10	1	C				

801732	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801724	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801667	06/08/10	06/24/10	06/15/10	06/21/10						
801668	06/08/10	06/24/10	06/15/10	06/21/10						
801656	06/08/10	06/24/10	06/15/10	06/21/10						
801666	06/08/10	06/24/10	06/15/10	06/21/10						
801671	06/08/10	06/24/10	06/15/10	06/21/10						
801672	06/08/10	06/24/10	06/15/10	06/21/10						
801669	06/08/10	06/24/10	06/15/10	06/21/10						
801670	06/08/10	06/24/10	06/15/10	06/21/10						
801673	06/08/10	06/24/10	06/15/10	06/21/10						
801674	06/08/10	06/24/10	06/15/10	06/21/10						
801675	06/08/10	06/24/10	06/15/10	06/21/10						
801676	06/08/10	06/24/10	06/15/10	06/21/10						
801677	06/08/10	06/24/10	06/15/10	06/21/10						
801678	06/08/10	06/24/10	06/15/10	06/21/10						
801681	06/08/10	06/24/10	06/15/10	06/21/10						
801682	06/08/10	06/24/10	06/15/10	06/21/10						
801679	06/08/10	06/24/10	06/15/10	06/21/10						
801680	06/08/10	06/24/10	06/15/10	06/21/10						
801683	06/08/10	06/24/10	06/15/10	06/21/10						
801684	06/08/10	06/24/10	06/15/10	06/21/10						
801685	06/08/10	06/24/10	06/15/10	06/21/10						
801709	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801711	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801712	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801713	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801715	06/08/10	06/24/10	06/15/10	06/21/10						
801785	06/08/10	06/24/10	06/15/10	06/21/10						
801716	06/08/10	06/24/10	06/15/10	06/21/10						
801717	06/08/10	06/24/10	06/15/10	06/21/10						
801718	06/08/10	06/24/10	06/15/10	06/21/10						
801719	06/08/10	06/24/10	06/15/10	06/21/10						
801720	06/08/10	06/24/10	06/15/10	06/21/10						
801721	06/08/10	06/24/10	06/15/10	06/21/10						
801722	06/08/10	06/24/10	06/15/10	06/21/10						
801710	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801742	06/08/10	06/24/10	06/15/10	06/21/10			1	C		
801746	06/08/10	06/24/10	06/15/10	06/21/10	1	C			1	C
797346	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797336	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797350	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797347	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797351	05/27/10	06/14/10	06/01/10	06/11/10			1	C		

801743	06/08/10	06/24/10	06/15/10	06/21/10						
				TOTALS	23		19		7	

Days

; includes methods 8260B, 8260B SIM for 1,4-dioxane, and 8011 for EDB and DBCP.

on parameters include TCLP VOCs, TCLP SVOCs, TCLP Metals, Flashpoint, Cyanide, Sulfide, and C

·bon

Mercury	Stat.	Copper	Stat.	Al, Fe, Mn, Ca, Mg	Stat.	TOC	Stat.	Waste Char.[2]	Stat.	Total
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
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										1
										1
										1
										1
										1
										1
										1
										1
										1
1	C			1	C	1	C			4
1	C			1	C	1	C			4
1	C			1	C	1	C			4
1	C			1	C	1	C			4
1	C			1	C	1	C			4
1	C			1	C	1	C			4
										1
										1

										1
										1
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					3
		1	C	1	C					3
		1	C	1	C					3
		1	C	1	C					3
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					3
										1
1	C	1	C	1	C					5
										1
										1
										1
										1
										1

								1	C	1
7		36		42		6		1		141

Corrosivity as pH.

Shaw Environmental, Inc.
2113 Emmorton Park Road
Edgewood, Maryland
410-612-6350
FAX: 410-612-6351

Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation - 1,4-Dioxane
CT Laboratories, Inc., SDG 78958 (Accutest SDG M91375)

DATE: June 23, 2010

The purpose of this memorandum is to present the data validation report for the samples collected for the NBAFS RI/FS Sites on May 10, 2010, May 11, 2010, and May 12, 2010. The samples were analyzed for compound 1,4-dioxane using USEPA SW846 Method 5030B/8260B by Selective Ion Monitoring (SIM). A total of eighteen aqueous field and QC samples were validated. The sample IDs are:

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
LF003-MW1	797348	SIS18-MW4	797347
LF003-MW1 DUPE	797349	SS008-MW1	797341
LF003-MW2	797345	SS008-MW2	797339
RINSE BLANK-1	797335	SS008-MW3	797340
SIS08-MW1	797337	SS008-MW4	797338
SIS18-MW5	797351	SS009-MW1	797342
SIS18-MW1	797346	SS009-MW2	797343
SIS18-MW2	797336	SS009-MW3	797344
SIS18-MW3	797350	TRIP BLANK 051010	797352

Data were reviewed by Eric Malarek and validated using a combination of project QAPP, *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April 2009* (DoD, 2009) (DoD QSM), method-specific criteria, and laboratory SOP criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999). Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	No	
	X	Holding Times and Preservation
	X	Instrument Performance Results
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analysis
	X	Laboratory Control Sample / Laboratory Control Sample Duplicate
	X	Matrix Spike / Spike Duplicate Sample
X		System Monitoring Compounds
	X	Internal Standards
X		Field Sample Duplicate
	X	Quantitation Verification

The quality of data collected in support of this sampling activity is considered acceptable with noted qualifications.

Eric Malarek, Chemist

6/23/10

Date

NBAFS RI/FS VALIDATION REPORT
1,4-DIOXANE REVIEW
SDG 78958 (ACCUTEST M91375)

I-Holding Times and Preservation
The objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of analysis. Holding time criteria: For aqueous samples cooled @ 4°C ± 2°C; pH<2 HCl, the maximum holding time is 14 days from sample collection to analysis (USEPA criteria).

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 05/10/10, 05/11/10, and 05/12/10 the coolers were received on 05/13/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C and 1.9°C. The 1,4-dioxane was received on by the secondary laboratory (Accutest) on 05/14/10 at 1.2°C. The lab temperatures were slightly below criteria for several of the coolers; however, no impacts resulted from these outliers. No qualifiers were applied based upon these outliers.

- Holding Time Review: The aqueous samples were collected for 1,4-dioxane on 05/10/10, 05/11/10, and 05/12/10. All samples were analyzed on 05/19/10 and 05/20/10 for 1,4-dioxane. Sample collection dates may be found on the attached form 1s. All criteria were met. No qualifiers were applied.

II-Instrument Performance Check
The analysis of the instrument performance check solution must be performed at the beginning of each 12-hour period during which samples are analyzed.

- The instrument performance check, bromofluorobenzene (BFB), met the ion abundance criteria. No qualification was applied.

III-Initial Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used is capable of producing acceptable qualitative and quantitative data for volatile target compounds. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. The RRF must be greater than 0.1 for chloromethane, 1,1-dichloroethane, and bromoform and greater than 0.3 for 1,1,2,2-tetrachloroethane and chlorobenzene. Percent relative standard deviation (%RSD) must be ≤15% for each target compound and must be ≤30% for each calibration check compound. For compounds analyzed using linear regression, correlation coefficients must be $r \geq 0.995$ (coefficient of determination $r^2 \geq 0.99$ for higher order).

- For initial calibration performed on 01/13/10 on instrument GCMSM, 1,4-dioxane was within criteria (%RSD≤15%). 1,4-Dioxane was quantified using SIM procedures. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) were analyzed using this initial calibration.

IV-Continuing Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used is capable of producing acceptable qualitative and quantitative data for volatile target compounds. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis. The RRF must be greater than 0.1 for chloromethane, 1,1-dichloroethane, and bromoform and greater than 0.3 for 1,1,2,2-tetrachloroethane and chlorobenzene. The percent difference (%D) or percent drift (for linear regression or second order) between the initial calibration RRF and the continuing calibration RRF must be within 20% for all target compounds.

- For initial calibration verification performed on 01/13/10 @21:59 on instrument GCMSM, all criteria were met for 1,4-dioxane (%D≤20%; %Drift≤20%). No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For continuing calibration performed on 05/19/10 @20:22 on instrument GCMSM, all criteria were met for all target compounds (%D≤20%; %Drift≤20%). No qualifiers were applied. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) apply to this continuing calibration.

- For continuing calibration performed on 05/20/10 @17:27 on instrument GCMSM, all criteria were met for all target compounds (%D≤20%; %Drift≤20%). No qualifiers were applied. Samples SIS18-MW5 (797351) and SIS18-MW3 (797350) apply to this continuing calibration.

V-Blank Analysis
The purpose of blank analyses is to determine the presence and magnitude of contamination problems resulting from field and laboratory activities. A method blank analysis must be performed after the calibration standards and once every 12-hour time period beginning with the injection of BFB. No contaminants should be detected in any of the associated blanks > the MDL. DoD QSM criteria specifies all concentrations should be less than one-half MRL (<MRL for common laboratory contaminants methylene chloride, acetone, and 2-butanone). Positive sample results are reported and qualified "U", if the concentration of the compound in the sample is ≤10 times (10x) the maximum amount in any blank for the common laboratory contaminants methylene chloride, acetone, and 2-butanone, or 5 times (5x) the maximum amount for other volatile target compounds. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor of one. The trip blank TRIP BLANK 051010 (797352) and rinse blank RINSE BLANK-1 (797335) apply to all groundwater samples collected on 05/10/10, 05/11/10, and 05/12/10.

Table 2 Blank Contamination Analysis Summary

Analysis Date	QC Blank ID	Compound	Max Conc. µg/L	Action Level µg/L	U qualified samples (For this SDG)
05/19/10	MSM1170-MB	All target <½MRL	NA	NA	None
05/20/10	MSM1170-MB1	All target <½MRL	NA	NA	None
05/19/10	RINSE BLANK-1	All target <½MRL	NA	NA	None
05/19/10	TRIP BLANK 051010	All target <½MRL	NA	NA	None

MRL = Method Reporting Limit
NA = Not Applicable

VI-Laboratory Control Sample and Laboratory Control Sample Duplicate
Data for laboratory control samples (LCS) and LCSD are evaluated to determine long-term precision and accuracy of the analytical method on various matrices. Percent recoveries (%Rs) should be within the specified control limits. DoD QSM LCS/LCSD recovery limits are specified in Table G-4 of the DoD QSM (DoD, 2009). The laboratory QC limits for 1,4-dioxane are 60-140%; RPD≤30%. The DoD LCS/LCSD precision RPD criteria is ≤30%.

- Samples MSM1170-BS and MSM1170-BSD were used as the LCS/LCSD for the 1,4-dioxane analysis on 05/19/10. All criteria were met. No qualifiers were applied. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) apply to this LCS/LCSD.

- Samples MSM1170-BS1 and MSM1170-BSD1 were used as the LCS/LCSD for the 1,4-dioxane analysis on 05/19/10. All criteria were met. No qualifiers were applied. Samples SIS18-MW5 (797351) and SIS18-MW3 (797350) apply to this LCS/LCSD.

VII-Matrix Spike and Matrix Spike Duplicate
Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The percent recoveries (%Rs) and the relative percent difference (RPD) must be within the specified control limits. DoD QSM MS and MSD recovery limits use the LCS criteria specified in Table G-4 of the DoD QSM (DoD, 2009). The laboratory QC limits for 1,4-dioxane are 60-140%; RPD≤30%. The DoD MS/MSD precision RPD criteria is ≤30%.

- Sample RINSE BLANK-1 (797335) was used for the MS/MSD analysis performed on 05/19/10. All criteria were met. No qualifiers were applied. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) apply to this MS/MSD.

VIII-System Monitoring Compounds (Surrogates)
Laboratory performance on individual samples is evaluated through the review of surrogate spike samples. Recoveries for system monitoring compounds in volatile samples and blanks must be within the specified control limits.

Criteria: 1,4-Dioxane-d8 (60-140%) – (DoD QSM Criteria: None Listed)

- For sample LF003-MW1 (797348), 1,4-dioxane-d8 (147%) was outside criteria for the 05/20/10 run due to matrix interference. The sample was re-analyzed for confirmation with similar results (200%). The sample was non-detect and qualified "UJ" based upon this outlier.

- For all other samples, all criteria were met for all runs.

IX-Internal Standards (IS)
Internal standards performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run. Specific criteria include: area counts (-50% to +100%) of the associated calibration standard, and retention time (± 30 seconds) from that of the associated calibration standard.

- All criteria were met for all runs. No qualifiers were applied.

X-Field Duplicate Sample Analysis
Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were qualified rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 50% RPD for the aqueous samples.

- Field groundwater sample duplicate pair LF003-MW1 (797348) and LF003-MW1 DUPE (797349) was collected for 1,4-dioxane. 1,4-Dioxane was detected above the MRL in the duplicate pair and non-detect in the parent sample; therefore, was qualified estimated "J" for detects and "UJ" for non-detects based upon this outlier. The field sample duplicate was out due to the combination of matrix interference and sample in-homogeneity. The parent sample also had out of control surrogate recovery (See Section VIII) which supports the matrix interferences. The 1,4-dioxane was confirmed on primary and secondary ions in the field duplicate LF003-MW1 DUPE (797349) at 23.4 µg/L; but the ratio was off due to matrix interference and sample in-homogeneity. The results are still reported given this ratio condition. The parent LF003-MW1 (797348) was non-detect at <1.0 µg/L and had something detected; but too low to quantify. This happens with field samples with interfering matrix with the EPA method 8260B SIM being performed. The laboratory also thinks looking at parent and field duplicate results that it looked like an inconsistency (non-homogeneous) in the sample vials between parent and field duplicate.

XI-Quantitation Verification
The accuracy of analytical results is verified through the calculation of several parameters. The percent difference (%D) between the calculated and the reported values should be within 10%. Any sample value >MDL and <MRL or <3*MDL (whichever is greater) was qualified as estimated, "J."

Sample: LF003-MW1 DUPE (797349), 1,4-Dioxane

Conc. (µg/L) = (Ax)*(Is) *(DF) / (Ais)*(RRF)

where: Ax is the compound area
Ais is the corresponding internal standard area
Is is the corresponding internal standard concentration (µg/L)
DF is the dilution factor
RRF is the relative response factor.

Conc. µg/L = (2327 * 1.0 µg/L * 1) / (4959 * 0.020) = 23.4 µg/L

Reported Conc. = 23.4 µg/L
%D = 0.0%
Values were within 10% difference.

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

Raw Data: M36811.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	RINSE BLANK-1		
Lab Sample ID:	M91375-1	**Date Sampled:**	05/12/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36811.D	1	05/19/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	115%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36817.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	SIS 18 MW-2		
Lab Sample ID:	M91375-2	**Date Sampled:**	05/12/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36817.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	116%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36818.D

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Accutest Laboratories

Report of Analysis

Client Sample ID:	SIS 8 MW-1		
Lab Sample ID:	M91375-3	**Date Sampled:**	05/12/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36818.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	124%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36819.D

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Accutest Laboratories

Report of Analysis

Client Sample ID:	SS008 MW-4		
Lab Sample ID:	M91375-4	**Date Sampled:**	05/11/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36819.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	123%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36820.D

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Accutest Laboratories

Report of Analysis

Client Sample ID:	SS008 MW-2		
Lab Sample ID:	M91375-5	**Date Sampled:**	05/11/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36820.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	110%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36821.D

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Accutest Laboratories

Report of Analysis

Client Sample ID:	SS008 MW-3		
Lab Sample ID:	M91375-6	**Date Sampled:**	05/11/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36821.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	119%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36822.D

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Accutest Laboratories

Report of Analysis

Client Sample ID:	SS008 MW-1		
Lab Sample ID:	M91375-7	**Date Sampled:**	05/11/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36822.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	117%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36823.D

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Accutest Laboratories

Report of Analysis

Client Sample ID:	SS009 MW-1		
Lab Sample ID:	M91375-8	**Date Sampled:**	05/11/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36823.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	119%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36824.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	SS009 MW-2		
Lab Sample ID:	M91375-9	**Date Sampled:**	05/11/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36824.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	125%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36825.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	SS009 MW-3		
Lab Sample ID:	M91375-10	**Date Sampled:**	05/11/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36825.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	113%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36826.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	LF003 MW-2		
Lab Sample ID:	M91375-11	**Date Sampled:**	05/10/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36826.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	115%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36827.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	SIS 18 MW-1		
Lab Sample ID:	M91375-12	**Date Sampled:**	05/10/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36827.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	119%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36828.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	SIS 18 MW-4		
Lab Sample ID:	M91375-13	**Date Sampled:**	05/10/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36828.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	118%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36829.D M36843.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	LF003 MW-1		
Lab Sample ID:	M91375-14	**Date Sampled:**	05/10/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36829.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2 [a]	M36843.D	1	05/20/10	SC	n/a	n/a	MSM1170

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND UJ	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	200% [b]	147% [b]	60-140%

(a) Confirmation run for surrogate recoveries.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36830.D

Form 1 Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	LF003 MW-1 DUPE		
Lab Sample ID:	M91375-15	**Date Sampled:**	05/10/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36830.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	23.4	1.0	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	131%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	SIS 18 MW-3		
Lab Sample ID:	M91375-16	**Date Sampled:**	05/10/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36846.D	1	05/20/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	122%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36848.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	SIS 18 MW-5		
Lab Sample ID:	M91375-17	**Date Sampled:**	05/10/10
Matrix:	AQ - Ground Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36848.D	1	05/21/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	115%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36810.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	M91375-18	**Date Sampled:**	05/10/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/14/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36810.D	1	05/19/10	SC	n/a	n/a	MSM1170
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	115%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Shaw Environmental, Inc.
2113 Emmorton Park Road
Edgewood, Maryland
410-612-6350
FAX: 410-612-6351

Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation – Ethylene dibromide and 1,2-Dibromo-3-chloropropane CT Laboratories, Inc., SDG 78958

DATE: June 23, 2010

The purpose of this memorandum is to present the data validation report for the samples collected for the NBAFS RI/FS Sites on May 10, 2010, May 11, 2010, and May 12, 2010. The samples were analyzed for Ethylene dibromide (EDB) and 1,2-Dibromo-3-chloropropane (DBCP) using USEPA SW846 Method 8011. A total of eighteen aqueous field and QC samples were validated. The sample IDs are:

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
LF003-MW1	797348	SIS18-MW4	797347
LF003-MW1 DUPE	797349	SS008-MW1	797341
LF003-MW2	797345	SS008-MW2	797339
RINSE BLANK-1	797335	SS008-MW3	797340
SIS08-MW1	797337	SS008-MW4	797338
SIS18-MW5	797351	SS009-MW1	797342
SIS18-MW1	797346	SS009-MW2	797343
SIS18-MW2	797336	SS009-MW3	797344
SIS18-MW3	797350	TRIP BLANK 051010	797352

Data were reviewed by Eric Malarek and validated using a combination of project QAPP, *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April 2009* (DoD, 2009) (DoD QSM), method-specific criteria, and laboratory SOP criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999). Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	No	
	X	Holding Times and Preservation
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analysis
	X	Laboratory Control Sample
	X	Matrix Spike/ Spike Duplicate Sample
	X	System Monitoring Compounds
	X	Field Sample Duplicate
	X	Quantitation Verification

The quality of data collected in support of this sampling activity is considered acceptable.

Eric Malarek, Chemist

6/23/10

Date

NBAFS RI/FS VALIDATION REPORT
EDB & DBCP REVIEW
SDG 78958

I-Holding Times and Preservation
The objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of analysis. Holding time criteria: For aqueous samples cooled @ 4°C ± 2°C; Sodium thiosulfate (if chlorine in sample), the maximum holding time is 14 days from sample collection to analysis (Method 504.1 criteria).

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 05/10/10, 05/11/10, and 05/12/10 the coolers were received on 05/13/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C and 1.9°C. The 1,4-dioxane was received on by the secondary laboratory (Accutest) on 05/14/10 at 1.2°C. The lab temperatures were slightly below criteria for several of the coolers; however, no impacts resulted from these outliers. No qualifiers were applied based upon these outliers.

- Holding Time Review: The aqueous samples were collected for EDB and DBCP on 05/10/10, 05/11/10, and 05/12/10. All samples were extracted and analyzed on 05/21/10 and 05/24/10. Sample collection dates may be found on the attached form 1s. All criteria were met. No qualifiers were applied.

II-Initial Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for the target compounds. The initial 5-point calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run. The DoD QSM specifies that the correlation coefficient (r) must be ≥0.995 or coefficient of determination r^2>0.99 and/or the percent relative standard deviation (%RSD) must be ≤20%.

- For initial calibration performed on 05/21/10 on instrument Semi7, all target compounds were within criteria (%RSD≤20%). Compounds EDB (r^2=0.9912 front detector; r^2=0.9901 back detector linear) and DBCP (r^2=0.9901 front detector; r^2=0.9913 back detector linear) were quantified using linear regression with all coefficient of determinations ≥0.99. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) were analyzed using this initial calibration.

III-Continuing Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for the target compounds. Continuing calibration standards are analyzed after every 10 samples, and at the end of the analysis sequence. DoD QSM specifies the percent difference (%D) from initial calibration should be no greater than ±20%.

- For initial calibration verification performed on 05/21/10 @13:24 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. No samples reported were analyzed under this initial calibration verification.

- For continuing calibration performed on 05/21/10 @13:37 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. Samples RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW2 (797336), SS008-MW2 (797339), SS008-MW3 (797340), and SS008-MW4 (797338) apply to this continuing calibration.

- For continuing calibration performed on 05/21/10 @16:01 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. Samples LF003-MW1 (797348), LF003-MW2 (797345), SIS18-MW1 (797346), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS009-MW1 (797342), SS009-MW2 (797343), and SS009-MW3 (797344) apply to this continuing calibration.

- For continuing calibration performed on 05/21/10 @18:25 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. Samples SIS18-MW5 (797351) and TRIP BLANK 051010 (797352) apply to this continuing calibration.

- For continuing calibration performed on 05/21/10 @19:22 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. No samples reported were analyzed under this continuing calibration.

- For continuing calibration performed on 05/24/10 @08:26 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. Sample LF003-MW1 DUPE (797349) applies to this continuing calibration.

- For continuing calibration performed on 05/24/10 @09:06 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. No samples reported were analyzed under this continuing calibration.

IV-Blank Analysis

The purpose of blank analyses is to determine the presence and magnitude of contamination problems resulting from field and laboratory activities. One method blank per analytical batch must be run on each instrument used to analyze samples. No contaminants should be detected in any of the associated blanks >MDL. DoD QSM criteria specifies all concentrations should be less than one-half MRL (<MRL for common laboratory contaminants methylene chloride, acetone, and 2-butanone). Positive sample results are reported and qualified "U", if the concentration of the compound in the sample is ≤10 times (10x) the maximum amount in any blank for the common laboratory contaminants methylene chloride, acetone, and 2-butanone, or 5 times (5x) the maximum amount for other volatile target compounds. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor of one. The trip blank TRIP BLANK 051010 (797352) and rinse blank RINSE BLANK-1 (797335) apply to all groundwater samples collected on 05/10/10, 05/11/10, and 05/12/10.

Table 2 Blank Contamination Analysis Summary

Analysis Date	QC Blank ID	Compound	Max Conc. µg/L	Action Level µg/L	U qualified samples (For this SDG)
05/21/10	MB-799646	All target <½MRL	NA	NA	None
05/21/10	RINSE BLANK-1	All target <½MRL	NA	NA	None
05/21/10	TRIP BLANK 051010	All target <½MRL	NA	NA	None

MRL = Method Reporting Limit
NA = Not Applicable

V-Laboratory Control Sample
Data for laboratory control samples (LCS) are evaluated to determine long-term accuracy of the analytical method on various matrices. Percent recoveries (%Rs) should be within the specified control limits. DoD LCS recovery limits are not specified in Appendix G of the DOD QSM V4.1; therefore, the established laboratory limits should be used. The laboratory QC limits for EDB and DBCP are 60-140%.

- Sample LCS799647 was used as the LCS for the VOC analysis on 05/21/10. All criteria were met. No qualifiers were applied. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) apply to this LCS.

VI-Matrix Spike/Matrix Spike Duplicate
Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The percent recoveries (%Rs) and the relative percent difference (RPD) must be within the specified control limits. DoD MS and MSD recovery limits are not specified in Appendix G of the DOD QSM V4.1; therefore, the established laboratory limits should be used. The laboratory QC limits for EDB and DBCP are 60-140%; RPD≤40%. The DoD QSM V4.1 MS/MSD precision RPD criterion is ≤30%.

- Sample SIS08-MW1 (797337) was used for the MS/MSD analysis for compounds EDB and DBCP performed on 05/21/10. All criteria were met for these compounds. No qualifiers were applied. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) apply to this MS/MSD.

VII-System Monitoring Compounds (Surrogates)
Laboratory performance on individual samples is evaluated through the review of surrogate spike samples. Recoveries for system monitoring compounds in volatile samples and blanks must be within the specified control limits.

Criteria: 1,2-Dibromopropane (70-130%) – (DoD QSM Criteria: None Listed)

- All criteria were met for all runs. No qualifiers were applied.

VIII-Field Duplicate Sample Analysis
Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were qualified rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 50% RPD for the aqueous samples.

- Field groundwater sample duplicate pair LF003-MW1 (797348) and LF003-MW1 DUPE (797349) was collected for EDB and DBCP. EDB and DBCP were non-detect for the duplicate pair. All criteria were met. No qualifiers were applied.

IX-Quantitation Verification
The accuracy of analytical results is verified through the calculation of several parameters. The percent difference (%D) between the calculated and the reported values should be within 10%. Any sample value >MDL and <MRL or <3*MDL (whichever is greater) was qualified as estimated, "J."

Sample: SIS08-MW1-MS (797337MS), Ethylene dibromide

$y = mx + b$

where: x is the response area
m is the slope
y is the amount or concentration of analyte (µg/L)
b is a constant

x (area) = (Sample Area) = 2325069

m = 1.13385e-007 b = -0.0286346 DF = 1

y = 1.13385e-007 * (2325069) - 0.0286346

y = 0.234993 µg/L = 0.235 µg/L

Reported Conc. = 0.235 µg/L
%D = 0.0%
Values were within 10% difference.

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

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Sample Description: RINSE BLANK-1

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797335
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	14:55	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	14:55	0.090	U	0.030	0.090

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Sample Description: SIS18-MW2

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797336
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	15:09	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	15:09	0.090	U	0.030	0.090

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Sample Description: SIS08-MW1

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797337
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	14:16	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	14:16	0.090	U	0.030	0.090

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1B

SEMIVOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797338
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	15:22	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	15:22	0.090	U	0.030	0.090

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Sample Description: SS008-MW2

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797339
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		

TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*): /

Concentration Units: ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	15:35	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	15:35	0.090	U	0.030	0.090

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Sample Description: SS008-MW3

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797340
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	. . ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	15:48	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	15:48	0.090	U	0.030	0.090

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Sample Description: SS008-MW1

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797341
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	16:14	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	16:14	0.090	U	0.030	0.090

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Sample Description: SS009-MW1

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797342
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	16:27	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	16:27	0.090	U	0.030	0.090

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Sample Description: SS009-MW2

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797343
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	16:40	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	16:40	0.090	U	0.030	0.090

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Sample Description
SS009-MW3

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797344
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	16:53	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	16:53	0.090	U	0.030	0.090

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Sample Description: LF003-MW2

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797345
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	17:06	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	17:06	0.090	U	0.030	0.090

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Sample Description: SIS18-MW1

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797346
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010 17:20	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010 17:20	0.090	U	0.030	0.090

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Sample Description: **SIS18-MW4**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797347
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	17:33	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	17:33	0.090	U	0.030	0.090

CT LABORATORIES
delivering more than data from your environmental analyses

Sample Description
LF003-MW1

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797348
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	17:46	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	17:46	0.090	U	0.030	0.090

CT LABORATORIES
delivering more than data from your environmental analyses

Sample Description: LF003-MW1 DUPE

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797349
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/24/2010	08:39	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/24/2010	08:39	0.090	U	0.030	0.090

CT LABORATORIES
delivering more than data from your environmental analyses

Sample Description: SIS18-MW3

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797350
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	18:12	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	18:12	0.090	U	0.030	0.090

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Sample Description: SIS18- MW5

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797351
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	18:38	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	18:38	0.090	U	0.030	0.090

CT LABORATORIES
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Sample Description
TRIP BLANK 051010

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	78958
Sample wt/vol:	(g/L)	CTL Sample ID:	797352
% Solids:		Date Received:	05/13/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	66876	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	05/21/2010	18:52	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	05/21/2010	18:52	0.090	U	0.030	0.090

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Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation - Volatiles
CT Laboratories, Inc., SDG 78958

DATE: June 23, 2010

The purpose of this memorandum is to present the data validation report for the samples collected for the NBAFS RI/FS Sites on May 10, 2010, May 11, 2010, and May 12, 2010. The samples were analyzed for volatile organic compounds (VOCs) using USEPA SW846 Method 5030B/8260B. A total of eighteen aqueous field and QC samples were validated. The sample IDs are:

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
LF003-MW1	797348	SIS18-MW4	797347
LF003-MW1 DUPE	797349	SS008-MW1	797341
LF003-MW2	797345	SS008-MW2	797339
RINSE BLANK-1	797335	SS008-MW3	797340
SIS08-MW1	797337	SS008-MW4	797338
SIS18-MW5	797351	SS009-MW1	797342
SIS18-MW1	797346	SS009-MW2	797343
SIS18-MW2	797336	SS009-MW3	797344
SIS18-MW3	797350	TRIP BLANK 051010	797352

Data were reviewed by Eric Malarek and validated using a combination of project QAPP, *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April 2009* (DoD, 2009) (DoD QSM), method-specific criteria, and laboratory SOP criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999). Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	No	
	X	Holding Times and Preservation
	X	Instrument Performance Results
X		Initial Calibration
X		Continuing Calibration
X		Blank Analysis
	X	Laboratory Control Sample
X		Matrix Spike/ Spike Duplicate Sample
X		System Monitoring Compounds
	X	Internal Standards
	X	Field Sample Duplicate
X		Quantitation Verification

The quality of data collected in support of this sampling activity is considered acceptable with the noted qualifications; except for the following. Compounds tert-butyl alcohol and tetrahydrofuran were qualified rejected "R" for samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) based upon the initial and continuing calibrations low relative response ratios (See Sections III and IV). Compound 2-butanone was qualified rejected "R" for samples LF003-MW2 (797345), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW3 (797350), SIS18-MW4 (797347), and TRIP BLANK 051010 (797352) based upon the continuing calibration low relative response ratio (See Section IV).

Eric Malarek, Chemist

6/23/10
Date

NBAFS RI/FS VALIDATION REPORT
VOLATILES REVIEW
SDG 78958

I-Holding Times and Preservation
The objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of analysis. Holding time criteria: For aqueous samples cooled @ 4°C ± 2°C; pH<2 HCl, the maximum holding time is 14 days from sample collection to analysis (USEPA criteria).

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 05/10/10, 05/11/10, and 05/12/10 the coolers were received on 05/13/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C and 1.9°C. The 1,4-dioxane was received on by the secondary laboratory (Accutest) on 05/14/10 at 1.2°C. The lab temperatures were slightly below criteria for several of the coolers; however, no impacts resulted from these outliers. No qualifiers were applied based upon these outliers.

- Holding Time Review: The aqueous samples were collected for VOCs on 05/10/10, 05/11/10, and 05/12/10. All samples were analyzed on 05/15/10 and 05/16/10 for target compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol and on 05/19/10 and 05/20/10 for the remaining target compounds. Sample collection dates may be found on the attached form 1s. All criteria were met. No qualifiers were applied.

II-Instrument Performance Check
The analysis of the instrument performance check solution must be performed at the beginning of each 12-hour period during which samples are analyzed.

- The instrument performance check, bromofluorobenzene (BFB), met the ion abundance criteria. No qualification was applied.

III-Initial Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used is capable of producing acceptable qualitative and quantitative data for volatile target compounds. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. The RRF must be greater than 0.1 for chloromethane, 1,1-dichloroethane, and bromoform and greater than 0.3 for 1,1,2,2-tetrachloroethane and chlorobenzene. The minimum relative response factor (RRF) must be ≥0.05 for all other compounds. Percent relative standard deviation (%RSD) must be ≤15% for each target compound and must be ≤30% for each calibration check compound. For compounds analyzed using linear regression, correlation coefficients must be r≥0.995 (coefficient of determination r^2≥0.99 for higher order).

- For initial calibration for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol performed on 05/12/10 on instrument VMS1, compound tert-butyl alcohol (RRF=0.035) was outside criteria. For all other target compounds, all criteria were met (%RSD≤15% or ≤30%; RRF≥0.05). Compounds methylene chloride (r=0.999; linear), cis-1,3-dichloropropene (r=0.999; linear), trans-1,3-dichloropropene (r=0.998; linear), and bromoform (r=0.997; linear) were quantified using linear regression with correlation coefficient ≥0.995. Compound tert-butyl alcohol was non-detect for all associated samples and qualified rejected "R" based upon the low relative response ratio. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) were analyzed using this initial calibration.

- For initial calibration performed on 05/18/10 on instrument VMS1, compound tetrahydrofuran (RRF=0.032) was outside criteria. For all other target compounds, all criteria were met (%RSD≤15% or ≤30%; RRF≥0.05). Compounds acetone (r=0.997; linear), methylene chloride (r=0.990; linear), tert-butyl alcohol (r=0.990; linear), and bromoform (r=0.999; linear) were quantified using linear regression. Methylene chloride and tert-butyl alcohol had correlations <0.995. All other noted compounds had correlation coefficient ≥0.995. Compound tetrahydrofuran was qualified "J" for detects and rejected "R" for non-detects based upon the low relative response ratio. Methylene chloride was qualified "J" for detects and "UJ" for non-detects based upon the low correlation coefficient. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) were analyzed using this initial calibration.

IV-Continuing Calibration

Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used is capable of producing acceptable qualitative and quantitative data for volatile target compounds. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis. The RRF must be greater than 0.1 for chloromethane, 1,1-dichloroethane, and bromoform and greater than 0.3 for 1,1,2,2-tetrachloroethane and chlorobenzene. The minimum relative response factor (RRF) must be ≥0.05 for all other compounds. The percent difference (%D) or percent drift (for linear regression or second order) between the initial calibration RRF and the continuing calibration RRF must be within 20% for all target compounds.

- For initial calibration verification performed on 05/12/10 @23:55 on instrument VMS1, compound tert-butyl alcohol (RRF=0.031) was outside criteria (%D≤20%; %Drift≤20%; RRF≥0.05). For all other target compounds, all criteria were met. No samples were reported using this initial calibration verification; therefore, no qualifiers were applied based upon this outlier.

- For initial calibration verification performed on 05/13/10 @10:06 on instrument VMS1, compound naphthalene (20.3%) was outside criteria (%D≤20%; %Drift≤20%; RRF≥0.05). For all other target compounds, all criteria were met. No samples were reported using this initial calibration verification; therefore, no qualifiers were applied based upon this outlier.

- For initial calibration verification performed on 05/18/10 @17:35 on instrument VMS1, compounds acetone (21.1%; RRF=0.030), methylene chloride (45.3%), 2-butanone (RRF=0.049), tetrahydrofuran (RRF=0.031), and tert-butyl alcohol (RRF=0.006) were outside criteria (%D≤20%; %Drift≤20%; RRF≥0.05). For all other target compounds, all criteria were met. Compounds acetone (r=0.997; linear), methylene chloride (r=0.990; linear), tert-butyl alcohol (r=0.990; linear), and bromoform (r=0.999; linear) were quantified using linear regression. Tert-butyl alcohol was quantified using other initial and continuing calibrations; therefore, no qualifiers were applied based upon this outlier. No samples were reported using this initial calibration verification; therefore, no qualifiers were applied based upon these outliers.

- For initial calibration verification performed on 05/19/10 @11:56 on instrument VMS1, compounds acetone (RRF=0.033), methylene chloride (51.4%), tetrahydrofuran (RRF=0.035), and tert-butyl alcohol (RRF=0.008) were outside criteria (%D≤20%; %Drift≤20%; RRF≥0.05). For all other target compounds, all criteria were met. Compounds acetone (r=0.997; linear), methylene chloride (r=0.990; linear), tert-butyl alcohol (r=0.990; linear), and bromoform (r=0.999; linear) were quantified using linear regression. Tert-butyl alcohol was quantified using other initial and continuing calibrations; therefore, no qualifiers were applied based upon this outlier. No samples were reported using this initial calibration verification; therefore, no qualifiers were applied based upon these outliers.

- For continuing calibration for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol performed on 05/15/10 @07:51 on instrument VMS1, compound tert-butyl alcohol (RRF=0.030) was outside criteria (%D≤20%; %Drift≤20%; RRF≥0.05). For all other target compounds, all criteria were met. Compound tert-butyl alcohol was non-detect for all associated samples and qualified rejected "R" based upon the low relative response ratio. Samples LF003-MW2 (797345), SIS08-MW1 (797337), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), and SS009-MW3 (797344) apply to this continuing calibration.

- For continuing calibration for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol performed on 05/16/10 @11:09 on instrument VMS1, compound tert-butyl alcohol (RRF=0.029) was outside criteria (%D≤20%; %Drift≤20%; RRF≥0.05). For all other target compounds, all criteria were met. Acetone (20.9%) and bromoform (20.3%) were outside criteria; however, were quantified using other initial and continuing calibrations; therefore, no qualifiers were applied based upon these outliers. Compound tert-butyl alcohol was non-detect for all associated samples and qualified rejected "R" based upon the low relative response ratio. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), RINSE BLANK-1 (797335), SIS18-MW5 (797351), SIS18-MW3 (797350), and TRIP BLANK 051010 (797352) apply to this continuing calibration.

- For continuing calibration performed on 05/19/10 @12:37 on instrument VMS1, compounds acetone (RRF=0.032), methylene chloride (50.6%), tert-butyl alcohol (RRF=0.008), and tetrahydrofuran (RRF=0.032) were outside criteria. For all other target compounds, all criteria were met for all target compounds (%D≤20%; %Drift≤20%; RRF≥0.05). Compound tetrahydrofuran was qualified "J" for detects and rejected "R" for non-detects based upon the low relative response ratio. Methylene chloride was qualified estimated "J" for detects and "UJ" for non-detects based upon the high %D. Acetone was quantified using linear regression method; therefore, no qualifiers were applied based upon the low RRF. Tert-butyl alcohol was quantified using other initial and continuing calibrations; therefore, no qualifiers were applied based upon this outlier. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW2 (797336), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), and SS009-MW3 (797344) apply to this continuing calibration.

- For continuing calibration performed on 05/20/10 @08:42 on instrument VMS1, compounds bromomethane (20.1%), acetone (23.7%; 37.4%; RRF=0.029), methylene chloride (50.9%), tert-butyl alcohol (RRF=0.006), 2-butanone (RRF=0.048), and tetrahydrofuran (RRF=0.030) were outside criteria. For all other target compounds, all criteria were met for all target compounds (%D≤20%; %Drift≤20%; RRF≥0.05). Compounds tetrahydrofuran and 2-butanone were qualified "J" for detects and rejected "R" for non-detects based upon the low relative response ratios. Acetone, methylene chloride, and bromomethane were qualified estimated "J" for detects and "UJ" for non-detects based upon the high %Ds. Acetone was quantified using linear regression method; therefore, no qualifiers were applied based upon the low RRF. Tert-butyl alcohol was quantified using other initial and continuing calibrations; therefore, no qualifiers were applied based upon this outlier. Samples LF003-MW2 (797345), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW3 (797350), SIS18-MW4 (797347), and TRIP BLANK 051010 (797352) apply to this continuing calibration.

V-Blank Analysis

The purpose of blank analyses is to determine the presence and magnitude of contamination problems resulting from field and laboratory activities. A method blank analysis must be performed after the calibration standards and once every 12-hour time period beginning with the injection of BFB. No contaminants should be detected in any of the associated blanks > the MDL. DoD QSM criteria specifies all concentrations should be less than one-half MRL (<MRL for common laboratory contaminants methylene chloride, acetone, and 2-butanone). Positive sample results are reported and qualified "U", if the concentration of the compound in the sample is ≤10 times (10x) the maximum amount in any blank for the common laboratory contaminants methylene chloride, acetone, and 2-butanone, or 5 times (5x) the maximum amount for other volatile target compounds. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor of one. The trip blank TRIP BLANK 051010 (797352) and rinse blank RINSE BLANK-1 (797335) apply to all groundwater samples collected on 05/10/10, 05/11/10, and 05/12/10.

Table 2 Blank Contamination Analysis Summary

Analysis Date	QC Blank ID	Compound	Max Conc. µg/L	Action Level µg/L	U qualified samples (for this SDG)
05/19/10	MB-800021	All target <½MRL	NA	NA	None
05/15/10	MB-800326	All target <½MRL	NA	NA	None
05/20/10	RINSE BLANK-1	acetone	10	100	LF003-MW1 DUPE
05/20/10	RINSE BLANK-1	2-butanone	1.5J	15	None
05/20/10	RINSE BLANK-1	chloromethane	0.064J	0.32	LF003-MW2, SIS18-MW1, SIS18-MW2, SIS18-MW3, SS008-MW2, SS008-MW4, SS009-MW2, SS009-MW3
05/20/10	RINSE BLANK-1	tetrahydrofuran	7.0	35.0	None
05/20/10	RINSE BLANK-1	toluene	0.20J	1.5	SIS08-MW1, SIS18-MW1, SIS18-MW3, SIS18-MW4, SS008-MW3, SS008-MW4, SS009-MW2, SS009-MW3
05/16/10	RINSE BLANK-1	Ethyl ether	23	115	None
05/20/10	TRIP BLANK 051010	chloromethane	0.084J	0.42	LF003-MW2, SIS18-MW1, SIS18-MW2, SIS18-MW3, SS008-MW2, SS008-MW4, SS009-MW2, SS009-MW3
05/16/10	TRIP BLANK 051010	All target <½MRL	NA	NA	None

J = Estimated value <MRL and >MDL.
MRL = Method Reporting Limit
NA = Not Applicable

VI-Laboratory Control Sample

Data for laboratory control samples (LCS) are evaluated to determine long-term accuracy of the analytical method on various matrices. Percent recoveries (%Rs) should be within the specified control limits. DoD LCS recovery limits are specified in Table G-4 of the DoD QSM (DoD, 2009).

- Sample LCS800020 was used as the LCS for the VOC analysis on 05/19/10. All criteria were met. No qualifiers were applied. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) apply to this LCS.

- Sample LCS800325 was used as the LCS for the VOC analysis for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol on 05/15/10. All criteria were met. No qualifiers were applied. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) apply to this LCS.

VII-Matrix Spike/Matrix Spike Duplicate
Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The percent recoveries (%Rs) and the relative percent difference (RPD) must be within the specified control limits. DoD MS and MSD recovery limits use the LCS criteria specified in Table G-4 of the DoD QSM (DoD, 2009). The DoD MS/MSD precision RPD criteria is ≤30%.

- Sample SS008-MW4 (797338) was used for the MS/MSD analysis performed on 05/20/10. Target compounds 1,2,4-trimethylbenzene (54%; RPD=38%), 1,3,5-trimethylbenzene (50%; RPD=45%), acetone (RPD=49%), chloromethane (131%), dichlorodifluoromethane (170%), and styrene (39%; RPD=51%) were outside criteria limits. For all other target compounds, all criteria were met. The associated LCS was within the recovery limits for all target compounds for the 02/16/10 run. Compounds 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, chloromethane, dichlorodifluoromethane, and styrene were qualified estimated "J" for detects and "UJ" for non-detects based upon these outliers for the spiked sample. Acetone was non-detect for the spiked sample; therefore, no qualifiers were applied based upon the high RPD. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) apply to this MS/MSD.

- Sample SIS18-MW2 (797336) was used for the MS/MSD analysis for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol performed on 05/16/10. All criteria were met for these compounds. No qualifiers were applied. Samples LF003-MW1 (797348), LF003-MW1 DUPE (797349), LF003-MW2 (797345), RINSE BLANK-1 (797335), SIS08-MW1 (797337), SIS18-MW5 (797351), SIS18-MW1 (797346), SIS18-MW2 (797336), SIS18-MW3 (797350), SIS18-MW4 (797347), SS008-MW1 (797341), SS008-MW2 (797339), SS008-MW3 (797340), SS008-MW4 (797338), SS009-MW1 (797342), SS009-MW2 (797343), SS009-MW3 (797344), and TRIP BLANK 051010 (797352) apply to this MS/MSD.

VIII-System Monitoring Compounds (Surrogates)
Laboratory performance on individual samples is evaluated through the review of surrogate spike samples. Recoveries for system monitoring compounds in volatile samples and blanks must be within the specified control limits.

Criteria:
1,2-Dichloroethane-d4 (70-120%) – (DoD QSM Criteria: 70-120%)
4-Bromofluorobenzene (75-120%) – (DoD QSM Criteria: 75-120%)
Toluene-d8 (85-120%) – (DoD QSM Criteria: 85-120%)
Dibromofluoromethane (85-115%) – (DoD QSM Criteria: 85-115%)

- For sample SIS18-MW3 (797350), toluene-d8 (67%) was outside criteria for the 05/20/10 run due to matrix interference. All other surrogates were within criteria limits. All criteria were met for the 05/16/10 run. All detects were qualified "J" and non-detects "UJ" based upon this outlier.

- For all other samples, all criteria were met for all runs.

IX-Internal Standards (IS)
Internal standards performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run. Specific criteria include: area counts (-50% to +100%) of the associated calibration standard, and retention time (± 30 seconds) from that of the associated calibration standard.

- All criteria were met for all runs. No qualifiers were applied.

X-Field Duplicate Sample Analysis
Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were qualified rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 50% RPD for the aqueous samples.

- Field groundwater sample duplicate pair LF003-MW1 (797348) and LF003-MW1 DUPE (797349) was collected for VOCs. All detected compounds found in the sample and its duplicate pair and associated RPD are noted in **Table 3**. Target compounds 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, ethylbenzene, isopropylbenzene, m,p-xylenes, naphthalene, n-butylbenzene, n-propylbenzene, o-xylene, p-isopropyltoluene, and sec-butylbenzene were detected in the duplicate pair and evaluated in the duplicate assessment. Acetone, chloroform, and tert-butylbenzene were detected below the MRL in either the original sample or the duplicate pair and non-detect in the other sample; therefore, not used in the duplicate assessment. Methylene chloride was detected above the MRL in the duplicate pair and non-detect in the parent sample; therefore, was qualified estimated "J" for detects and "UJ" for non-detects based upon this outlier. All other VOC target compounds were non-detect for the duplicate pair.

Table 3 Field Precision Hits Analysis Summary for VOCs for Duplicate Pair LF003-MW1 (797348) and LF003-MW1 DUPE (797349)

Compound	Original Sample (µg/L)	Duplicate Pair (µg/L)	RPD
1,2,4-Trimethylbenzene	200	200	0.0
1,3,5-Trimethylbenzene	71	74	4.1
Acetone	80U	61J	NA
Chloroform	0.55J	8.0U	NA
Ethylbenzene	1.9J	1.9J	0.0
Isopropylbenzene	10	11	9.5
m,p-Xylenes	14J	14J	0.0
Methylene chloride	8.0U	15	NA
Naphthalene	9.8	8.6	13.0
n-Butylbenzene	49	47	4.2
n-Propylbenzene	43	44	2.3
o-Xylene	11	12	8.7
p-Isopropyltoluene	3.9J	3.8J	2.6
sec-Butylbenzene	11	11	0.0
tert-Butylbenzene	8.0U	0.52J	NA

J = Estimated value <MRL and >MDL.
U = Value non-detect as <MRL.
NA = Not Applicable

XI-Quantitation Verification
The accuracy of analytical results is verified through the calculation of several parameters. The percent difference (%D) between the calculated and the reported values should be within 10%. Any sample value >MDL and <MRL or <3*MDL (whichever is greater) was qualified as estimated, "J."

Sample: SIS18-MW3 (797350), Tetrachloroethene

Conc. (µg/L) = (Ax)*(Is) *(DF) / (Ais)*(RRF)

where: Ax is the compound area
Ais is the corresponding internal standard area
Is is the corresponding internal standard concentration (µg/L)
DF is the dilution factor
RRF is the relative response factor.

Conc. µg/L = (33653 * 4.0 µg/L * 1) / (1099078 * 0.317) = 0.39 µg/L

Reported Conc. = 0.39 µg/L
%D = 0.0%
Values were within 10% difference.

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

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VOLATILE ORGANICS ANALYSIS

Sample Description: **RINSE BLANK-1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797335
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/16/2010 / 13:13	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	23		0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **RINSE BLANK-1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797335
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 15:21	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	1.5	J J	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **RINSE BLANK-1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797335
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 15:21	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	10		1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.064	J J	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **RINSE BLANK-1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797335
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 15:21	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U UJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	7.0	J	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.20	J J	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797336
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 10:35	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U		0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U		0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U		0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U	R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U		0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797336
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 16:01	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797336
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 16:01	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.067	J V	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797336
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 16:01	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U VJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.011	U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS08-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797337
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 11:16	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS08-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797337
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 16:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS08-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797337
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 16:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.026	U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS08-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797337
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 16:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U UJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.15	J U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797338
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 11:57	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797338
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 17:21	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U M VJ	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U M VJ	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797338
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 17:21	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.070	J J	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.065	J M U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797338
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 17:21	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U UJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U M UJ	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.23	J U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797339
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 12:37	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797339
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 18:03	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797339
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 18:03	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.11	J U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797339
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 18:03	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U UJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.011	U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797340
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 13:19	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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Sample Description: **SS008-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797340
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 18:42	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797340
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 18:42	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.026	U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797340
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 18:42	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U		0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U	VJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U		0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U		0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U		0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U		0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U		0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U		0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U		0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U		0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U		0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U	R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.078	J	U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U		0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U		0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U		0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	4.2			0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U		0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797341
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 14:00	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U		0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U		0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U		0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U	R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U		0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797341
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 19:23	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797341
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 19:23	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.026	U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797341
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 19:23	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U		0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U	UJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U		0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U		0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U		0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U		0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U		0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U		0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U		0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U		0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U		0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U	R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.011	U		0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U		0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U		0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U		0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U		0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U		0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797342
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 14:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797342
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 20:03	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797342
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 20:03	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.026	U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797342
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 20:03	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U UJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.011	U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797343
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 15:22	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797343
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 20:42	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.055	J J	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797343
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 20:42	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.043	J J	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.068	J U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.047	J J	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.14	J J	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797343
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 20:42	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U		0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U	UJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U		0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U		0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U		0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.064	J	J	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U		0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U		0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U		0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U		0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U		0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U	R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.20	J	U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U		0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U		0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U		0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U		0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U		0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797344
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 16:03	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797344
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 21:22	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797344
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 21:22	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.12	J V	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS009-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797344
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/19/2010 / 21:22	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.45		0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U VJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.23	J V	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797345
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 16:44	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797345
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 11:20	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U		0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U		0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U		0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U		0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U		0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U		0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U		0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U		0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U		0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U		0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U		0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U		0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U		0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U		0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U		0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U		0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U		0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U		0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U		0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U		0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	R	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U		0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U		0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U		0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797345
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 11:20	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U UJ	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U UJ	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.085	J U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797345
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 11:20	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	3.5		0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U VJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.011	U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797346
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 17:25	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797346
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 12:00	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U R	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797346
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 12:00	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U VJ	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U VJ	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.024	J J	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.14	J U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.42		0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797346
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 12:00	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U		0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U	VJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U		0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U		0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U		0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U		0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U		0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U		0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U		0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U		0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.35	J	J	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U	R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.091	J	V	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U		0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U		0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.79			0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U		0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U		0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797347
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/15/2010 / 18:06	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797347
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 12:39	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U R	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797347
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 12:39	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U UJ	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U UJ	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.026	U U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797347
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 12:39	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U VJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.10	J J	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.064	J U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797348
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	5.00
Date & Time Analyzed:	05/16/2010 / 17:59	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	1.5	U V	1.5	2.5	5.0	5.5
60-29-7	Ethyl ether	1.1	U V	1.1	1.3	5.0	5.0
994-05-08	Tert-amyl methyl ether	0.70	U V	0.70	1.3	5.0	5.0
75-65-0	Tert-butyl alcohol	35	U V R	35	40	100	120
637-92-3	Tert-butyl ethyl ether	0.55	U V	0.55	1.3	5.0	5.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: LF003-MW1

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797348
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	20.00
Date & Time Analyzed:	05/19/2010 / 22:02	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.22	U	0.22	0.40	8.0	8.0
71-55-6	1,1,1-Trichloroethane	0.18	U	0.18	0.40	8.0	8.0
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	0.34	1.0	8.0	8.0
79-00-5	1,1,2-Trichloroethane	0.30	U	0.30	1.0	8.0	8.0
75-34-3	1,1-Dichloroethane	0.42	U	0.42	1.0	8.0	8.0
75-35-4	1,1-Dichloroethene	0.80	U	0.80	1.0	8.0	8.0
563-58-6	1,1-Dichloropropene	0.24	U	0.24	0.40	8.0	8.0
87-61-6	1,2,3-Trichlorobenzene	0.80	U	0.80	1.0	8.0	8.0
96-18-4	1,2,3-Trichloropropane	0.54	U	0.54	2.0	8.0	8.0
120-82-1	1,2,4-Trichlorobenzene	0.80	U	0.80	1.0	8.0	8.0
95-63-6	1,2,4-Trimethylbenzene	200		0.58	1.0	8.0	8.0
95-50-1	1,2-Dichlorobenzene	0.50	U	0.50	1.0	8.0	8.0
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.40	8.0	8.0
78-87-5	1,2-Dichloropropane	0.24	U	0.24	0.40	8.0	8.0
108-67-8	1,3,5-Trimethylbenzene	71		0.48	1.0	8.0	8.0
541-73-1	1,3-Dichlorobenzene	0.60	U	0.60	1.0	8.0	8.0
142-28-9	1,3-Dichloropropane	0.40	U	0.40	0.40	8.0	8.0
106-46-7	1,4-Dichlorobenzene	0.60	U	0.60	1.0	8.0	8.0
544-10-5	1-Chlorohexane	0.80	U	0.80	4.0	8.0	8.0
594-20-7	2,2-Dichloropropane	0.38	U	0.38	4.0	8.0	8.0
78-93-3	2-Butanone	10	U	10	10	40	40
95-49-8	2-Chlorotoluene	0.60	U	0.60	1.0	8.0	8.0
591-78-6	2-Hexanone	2.4	U	2.4	4.0	80	80
106-43-4	4-Chlorotoluene	0.60	U	0.60	4.0	8.0	8.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797348
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	20.00
Date & Time Analyzed:	05/19/2010 / 22:02	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	3.6	U	3.6	10	80	80
67-64-1	Acetone	20	U	20	40	80	80
71-43-2	Benzene	0.16	U	0.16	0.40	8.0	8.0
108-86-1	Bromobenzene	0.52	U	0.52	1.0	8.0	8.0
74-97-5	Bromochloromethane	0.60	U	0.60	1.0	8.0	8.0
75-27-4	Bromodichloromethane	0.32	U	0.32	0.40	8.0	8.0
75-25-2	Bromoform	0.38	U	0.38	0.40	8.0	8.0
74-83-9	Bromomethane	0.76	U	0.76	1.0	8.0	8.0
75-15-0	Carbon disulfide	1.4	U	1.4	2.0	16	16
56-23-5	Carbon tetrachloride	0.36	U	0.36	0.40	8.0	8.0
108-90-7	Chlorobenzene	0.60	U	0.60	4.0	8.0	8.0
75-00-3	Chloroethane	1.4	U	1.4	2.0	8.0	8.0
67-66-3	Chloroform	0.55	J J	0.20	0.40	8.0	8.0
74-87-3	Chloromethane	0.52	U	0.52	4.0	8.0	8.0
156-59-2	cis-1,2-Dichloroethene	0.44	U	0.44	1.0	8.0	8.0
10061-01-5	cis-1,3-Dichloropropene	0.24	U	0.24	0.40	8.0	8.0
124-48-1	Dibromochloromethane	0.36	U	0.36	0.40	8.0	8.0
74-95-3	Dibromomethane	0.20	U	0.20	0.40	8.0	8.0
75-71-8	Dichlorodifluoromethane	0.26	U	0.26	0.40	4.0	4.0
108-20-3	Diisopropyl ether	0.8	U	0.8	1	8	8
100-41-4	Ethylbenzene	1.9	J J	0.54	1.0	8.0	8.0
87-68-3	Hexachlorobutadiene	0.60	U	0.60	1.0	8.0	8.0
98-82-8	Isopropylbenzene	10		0.52	1.0	8.0	8.0
1330-20-7	m & p-Xylene	14	J J	1.2	2.0	16	16

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797348
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	20.00
Date & Time Analyzed:	05/19/2010 / 22:02	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.50	U		0.50	1.0	8.0	8.0
75-09-2	Methylene chloride	4.0	U	UJ	4.0	4.0	8.0	13
91-20-3	Naphthalene	9.8			0.80	1.0	8.0	8.0
104-51-8	n-Butylbenzene	49			0.54	1.0	8.0	8.0
103-65-1	n-Propylbenzene	43			0.60	1.0	8.0	8.0
95-47-6	o-Xylene	11			0.52	1.0	8.0	8.0
99-87-6	p-Isopropyltoluene	3.9	J	J	0.50	1.0	8.0	8.0
135-98-8	sec-Butylbenzene	11			0.48	1.0	8.0	8.0
100-42-5	Styrene	0.48	U		0.48	1.0	8.0	8.0
98-06-6	tert-Butylbenzene	0.52	U		0.52	1.0	8.0	8.0
127-18-4	Tetrachloroethene	0.20	U		0.20	0.40	8.0	8.0
109-99-9	Tetrahydrofuran	6.0	U	R	6.0	10	80	80
108-88-3	Toluene	0.22	U		0.22	0.40	8.0	8.0
156-60-5	trans-1,2-Dichloroethene	0.52	U		0.52	1.0	8.0	8.0
10061-02-6	trans-1,3-Dichloropropene	0.28	U		0.28	0.40	8.0	8.0
79-01-6	Trichloroethene	0.40	U		0.40	0.40	8.0	8.0
75-69-4	Trichlorofluoromethane	0.44	U		0.44	1.0	4.0	4.0
75-01-4	Vinyl chloride	0.38	U		0.38	0.40	4.0	4.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW1 DUPE**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797349
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	5.00
Date & Time Analyzed:	05/16/2010 / 18:40	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	1.5	U V	1.5	2.5	5.0	5.5
60-29-7	Ethyl ether	1.1	U V	1.1	1.3	5.0	5.0
994-05-08	Tert-amyl methyl ether	0.70	U V	0.70	1.3	5.0	5.0
75-65-0	Tert-butyl alcohol	35	U V R	35	40	100	120
637-92-3	Tert-butyl ethyl ether	0.55	U V	0.55	1.3	5.0	5.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW1 DUPE**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797349
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	20.00
Date & Time Analyzed:	05/19/2010 / 22:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.22	U	0.22	0.40	8.0	8.0
71-55-6	1,1,1-Trichloroethane	0.18	U	0.18	0.40	8.0	8.0
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	0.34	1.0	8.0	8.0
79-00-5	1,1,2-Trichloroethane	0.30	U	0.30	1.0	8.0	8.0
75-34-3	1,1-Dichloroethane	0.42	U	0.42	1.0	8.0	8.0
75-35-4	1,1-Dichloroethene	0.80	U	0.80	1.0	8.0	8.0
563-58-6	1,1-Dichloropropene	0.24	U	0.24	0.40	8.0	8.0
87-61-6	1,2,3-Trichlorobenzene	0.80	U	0.80	1.0	8.0	8.0
96-18-4	1,2,3-Trichloropropane	0.54	U	0.54	2.0	8.0	8.0
120-82-1	1,2,4-Trichlorobenzene	0.80	U	0.80	1.0	8.0	8.0
95-63-6	1,2,4-Trimethylbenzene	200		0.58	1.0	8.0	8.0
95-50-1	1,2-Dichlorobenzene	0.50	U	0.50	1.0	8.0	8.0
107-06-2	1,2-Dichloroethane	0.30	U	0.30	0.40	8.0	8.0
78-87-5	1,2-Dichloropropane	0.24	U	0.24	0.40	8.0	8.0
108-67-8	1,3,5-Trimethylbenzene	74		0.48	1.0	8.0	8.0
541-73-1	1,3-Dichlorobenzene	0.60	U	0.60	1.0	8.0	8.0
142-28-9	1,3-Dichloropropane	0.40	U	0.40	0.40	8.0	8.0
106-46-7	1,4-Dichlorobenzene	0.60	U	0.60	1.0	8.0	8.0
544-10-5	1-Chlorohexane	0.80	U	0.80	4.0	8.0	8.0
594-20-7	2,2-Dichloropropane	0.38	U	0.38	4.0	8.0	8.0
78-93-3	2-Butanone	10	U	10	10	40	40
95-49-8	2-Chlorotoluene	0.60	U	0.60	1.0	8.0	8.0
591-78-6	2-Hexanone	2.4	U	2.4	4.0	80	80
106-43-4	4-Chlorotoluene	0.60	U	0.60	4.0	8.0	8.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW1 DUPE**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797349
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	20.00
Date & Time Analyzed:	05/19/2010 / 22:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	3.6	U	3.6	10	80	80
67-64-1	Acetone	61	J U	20	40	80	80
71-43-2	Benzene	0.16	U	0.16	0.40	8.0	8.0
108-86-1	Bromobenzene	0.52	U	0.52	1.0	8.0	8.0
74-97-5	Bromochloromethane	0.60	U	0.60	1.0	8.0	8.0
75-27-4	Bromodichloromethane	0.32	U	0.32	0.40	8.0	8.0
75-25-2	Bromoform	0.38	U	0.38	0.40	8.0	8.0
74-83-9	Bromomethane	0.76	U	0.76	1.0	8.0	8.0
75-15-0	Carbon disulfide	1.4	U	1.4	2.0	16	16
56-23-5	Carbon tetrachloride	0.36	U	0.36	0.40	8.0	8.0
108-90-7	Chlorobenzene	0.60	U	0.60	4.0	8.0	8.0
75-00-3	Chloroethane	1.4	U	1.4	2.0	8.0	8.0
67-66-3	Chloroform	0.20	U	0.20	0.40	8.0	8.0
74-87-3	Chloromethane	0.52	U	0.52	4.0	8.0	8.0
156-59-2	cis-1,2-Dichloroethene	0.44	U	0.44	1.0	8.0	8.0
10061-01-5	cis-1,3-Dichloropropene	0.24	U	0.24	0.40	8.0	8.0
124-48-1	Dibromochloromethane	0.36	U	0.36	0.40	8.0	8.0
74-95-3	Dibromomethane	0.20	U	0.20	0.40	8.0	8.0
75-71-8	Dichlorodifluoromethane	0.26	U	0.26	0.40	4.0	4.0
108-20-3	Diisopropyl ether	0.8	U	0.8	1	8	8
100-41-4	Ethylbenzene	1.9	J J	0.54	1.0	8.0	8.0
87-68-3	Hexachlorobutadiene	0.60	U	0.60	1.0	8.0	8.0
98-82-8	Isopropylbenzene	11		0.52	1.0	8.0	8.0
1330-20-7	m & p-Xylene	14	J J	1.2	2.0	16	16

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003-MW1 DUPE**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797349
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	20.00
Date & Time Analyzed:	05/19/2010 / 22:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.50	U	0.50	1.0	8.0	8.0
75-09-2	Methylene chloride	15	J	4.0	4.0	8.0	13
91-20-3	Naphthalene	8.6		0.80	1.0	8.0	8.0
104-51-8	n-Butylbenzene	47		0.54	1.0	8.0	8.0
103-65-1	n-Propylbenzene	44		0.60	1.0	8.0	8.0
95-47-6	o-Xylene	12		0.52	1.0	8.0	8.0
99-87-6	p-Isopropyltoluene	3.8	J J	0.50	1.0	8.0	8.0
135-98-8	sec-Butylbenzene	11		0.48	1.0	8.0	8.0
100-42-5	Styrene	0.48	U	0.48	1.0	8.0	8.0
98-06-6	tert-Butylbenzene	0.52	J J	0.52	1.0	8.0	8.0
127-18-4	Tetrachloroethene	0.20	U	0.20	0.40	8.0	8.0
109-99-9	Tetrahydrofuran	6.0	U R	6.0	10	80	80
108-88-3	Toluene	0.22	U	0.22	0.40	8.0	8.0
156-60-5	trans-1,2-Dichloroethene	0.52	U	0.52	1.0	8.0	8.0
10061-02-6	trans-1,3-Dichloropropene	0.28	U	0.28	0.40	8.0	8.0
79-01-6	Trichloroethene	0.40	U	0.40	0.40	8.0	8.0
75-69-4	Trichlorofluoromethane	0.44	U	0.44	1.0	4.0	4.0
75-01-4	Vinyl chloride	0.38	U	0.38	0.40	4.0	4.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797350
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/16/2010 / 15:56	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797350
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 13:19	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	UJ	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	UJ	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	UJ	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	UJ	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	UJ	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	UJ	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	UJ	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	UJ	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	UJ	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	UJ	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	UJ	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	UJ	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	UJ	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	UJ	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	UJ	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	UJ	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	UJ	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	UJ	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	UJ	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	UJ	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U	R	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	UJ	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	UJ	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	UJ	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797350
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 13:19	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	UJ	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U	UJ	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	UJ	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	UJ	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	UJ	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	UJ	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	UJ	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U	UJ	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	UJ	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	UJ	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	UJ	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	UJ	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.050	J	J	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.066	J	U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.24	J	J	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	UJ	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	UJ	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	UJ	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	UJ	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	UJ	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	UJ	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	UJ	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	UJ	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	UJ	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18-MW3**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797350
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 13:19	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers		DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	VJ	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U	VJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	VJ	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	VJ	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	VJ	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	VJ	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	VJ	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	VJ	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	VJ	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	VJ	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.39	J	J	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U	R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.079	J	U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	VJ	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	VJ	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.46		J	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	VJ	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	VJ	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18- MW5**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797351
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/16/2010 / 16:37	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18- MW5**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797351
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 13:59	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U R	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18- MW5**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797351
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 13:59	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U UJ	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U UJ	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.026	U	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SIS18- MW5**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797351
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 13:59	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U UJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.067	J J	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.011	U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **TRIP BLANK 051010**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797352
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66897	Dilution Factor:	1.00
Date & Time Analyzed:	05/16/2010 / 14:34	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	0.50	1.0	1.1
60-29-7	Ethyl ether	0.22	U	0.22	0.25	1.0	1.0
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	0.25	1.0	1.0
75-65-0	Tert-butyl alcohol	7.0	U R	7.0	8.0	20	23
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	0.25	1.0	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **TRIP BLANK 051010**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797352
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 10:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.011	U	0.011	0.020	0.40	0.40
71-55-6	1,1,1-Trichloroethane	0.0090	U	0.0090	0.020	0.40	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.017	U	0.017	0.050	0.40	0.40
79-00-5	1,1,2-Trichloroethane	0.015	U	0.015	0.050	0.40	0.40
75-34-3	1,1-Dichloroethane	0.021	U	0.021	0.050	0.40	0.40
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.050	0.40	0.40
563-58-6	1,1-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
87-61-6	1,2,3-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
96-18-4	1,2,3-Trichloropropane	0.027	U	0.027	0.10	0.40	0.40
120-82-1	1,2,4-Trichlorobenzene	0.040	U	0.040	0.050	0.40	0.40
95-63-6	1,2,4-Trimethylbenzene	0.029	U	0.029	0.050	0.40	0.40
95-50-1	1,2-Dichlorobenzene	0.025	U	0.025	0.050	0.40	0.40
107-06-2	1,2-Dichloroethane	0.015	U	0.015	0.020	0.40	0.40
78-87-5	1,2-Dichloropropane	0.012	U	0.012	0.020	0.40	0.40
108-67-8	1,3,5-Trimethylbenzene	0.024	U	0.024	0.050	0.40	0.40
541-73-1	1,3-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
142-28-9	1,3-Dichloropropane	0.020	U	0.020	0.020	0.40	0.40
106-46-7	1,4-Dichlorobenzene	0.030	U	0.030	0.050	0.40	0.40
544-10-5	1-Chlorohexane	0.040	U	0.040	0.20	0.40	0.40
594-20-7	2,2-Dichloropropane	0.019	U	0.019	0.20	0.40	0.40
78-93-3	2-Butanone	0.50	U R	0.50	0.50	2.0	2.0
95-49-8	2-Chlorotoluene	0.030	U	0.030	0.050	0.40	0.40
591-78-6	2-Hexanone	0.12	U	0.12	0.20	4.0	4.0
106-43-4	4-Chlorotoluene	0.030	U	0.030	0.20	0.40	0.40

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VOLATILE ORGANICS ANALYSIS

Sample Description: **TRIP BLANK 051010**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797352
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 10:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.18	U	0.18	0.50	4.0	4.0
67-64-1	Acetone	1.0	U UJ	1.0	2.0	4.0	4.0
71-43-2	Benzene	0.0080	U	0.0080	0.020	0.40	0.40
108-86-1	Bromobenzene	0.026	U	0.026	0.050	0.40	0.40
74-97-5	Bromochloromethane	0.030	U	0.030	0.050	0.40	0.40
75-27-4	Bromodichloromethane	0.016	U	0.016	0.020	0.40	0.40
75-25-2	Bromoform	0.019	U	0.019	0.020	0.40	0.40
74-83-9	Bromomethane	0.038	U UJ	0.038	0.050	0.40	0.40
75-15-0	Carbon disulfide	0.070	U	0.070	0.10	0.80	0.80
56-23-5	Carbon tetrachloride	0.018	U	0.018	0.020	0.40	0.40
108-90-7	Chlorobenzene	0.030	U	0.030	0.20	0.40	0.40
75-00-3	Chloroethane	0.070	U	0.070	0.10	0.40	0.40
67-66-3	Chloroform	0.010	U	0.010	0.020	0.40	0.40
74-87-3	Chloromethane	0.084	J J	0.026	0.20	0.40	0.40
156-59-2	cis-1,2-Dichloroethene	0.022	U	0.022	0.050	0.40	0.40
10061-01-5	cis-1,3-Dichloropropene	0.012	U	0.012	0.020	0.40	0.40
124-48-1	Dibromochloromethane	0.018	U	0.018	0.020	0.40	0.40
74-95-3	Dibromomethane	0.010	U	0.010	0.020	0.40	0.40
75-71-8	Dichlorodifluoromethane	0.013	U	0.013	0.020	0.20	0.20
108-20-3	Diisopropyl ether	0.04	U	0.04	0.05	0.4	0.4
100-41-4	Ethylbenzene	0.027	U	0.027	0.050	0.40	0.40
87-68-3	Hexachlorobutadiene	0.030	U	0.030	0.050	0.40	0.40
98-82-8	Isopropylbenzene	0.026	U	0.026	0.050	0.40	0.40
1330-20-7	m & p-Xylene	0.060	U	0.060	0.10	0.80	0.80

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VOLATILE ORGANICS ANALYSIS

Sample Description: TRIP BLANK 051010

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	78958
Sample wt/vol:	(g/mL)	CTL Sample ID:	797352
% Solids:		Date Received:	05/13/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	66728	Dilution Factor:	1.00
Date & Time Analyzed:	05/20/2010 / 10:41	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.025	U	0.025	0.050	0.40	0.40
75-09-2	Methylene chloride	0.20	U UJ	0.20	0.20	0.40	0.66
91-20-3	Naphthalene	0.040	U	0.040	0.050	0.40	0.40
104-51-8	n-Butylbenzene	0.027	U	0.027	0.050	0.40	0.40
103-65-1	n-Propylbenzene	0.030	U	0.030	0.050	0.40	0.40
95-47-6	o-Xylene	0.026	U	0.026	0.050	0.40	0.40
99-87-6	p-Isopropyltoluene	0.025	U	0.025	0.050	0.40	0.40
135-98-8	sec-Butylbenzene	0.024	U	0.024	0.050	0.40	0.40
100-42-5	Styrene	0.024	U	0.024	0.050	0.40	0.40
98-06-6	tert-Butylbenzene	0.026	U	0.026	0.050	0.40	0.40
127-18-4	Tetrachloroethene	0.010	U	0.010	0.020	0.40	0.40
109-99-9	Tetrahydrofuran	0.30	U R	0.30	0.50	4.0	4.0
108-88-3	Toluene	0.011	U	0.011	0.020	0.40	0.40
156-60-5	trans-1,2-Dichloroethene	0.026	U	0.026	0.050	0.40	0.40
10061-02-6	trans-1,3-Dichloropropene	0.014	U	0.014	0.020	0.40	0.40
79-01-6	Trichloroethene	0.020	U	0.020	0.020	0.40	0.40
75-69-4	Trichlorofluoromethane	0.022	U	0.022	0.050	0.20	0.20
75-01-4	Vinyl chloride	0.019	U	0.019	0.020	0.20	0.20

Shaw Environmental, Inc.
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Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation Data Validation – Select Metals
CT Laboratories, Inc., SDG 79122

DATE: July 1, 2010

The purpose of this memorandum is to present the data validation report for the confirmation soil samples collected for the NBAFS RI/FS Sites on May 20, 2010 and May 21, 2010. The soils and sediment samples were analyzed for the select metals copper, calcium, manganese, magnesium, iron, aluminum, and mercury using USEPA SW-846 3050B/6010C for ICP metals and SW-846 7471A for mercury. A total of forty-one solid samples and one rinse blank were validated. The sample Ids are:

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
SIS18SS15	801656	SIS18SS25	801709
SIS18SB15	801666	SIS18SS25DUPE	801710
SIS18SS14	801667	SIS18SS26	801711
SIS18SB14	801668	SIS18SS27	801712
SIS18SS17	801669	SIS18SB28	801713
SIS18SB17	801670	SIS18SS29	801715
SIS18SS16	801671	SIS18SS30	801716
SIS18SB16	801672	SIS18SB30	801717
SIS18SS18	801673	SIS18SS31	801718
SIS18SB18	801674	SIS18SB31	801719
SIS18SS19	801675	SIS18SS32	801720
SIS18SB19	801676	SIS18SB32	801721
SIS18SS20	801677	SIS18SS32DUPE	801722
SIS18SB20	801678	SIS18SD13	801735
SIS18SS22	801679	SIS18SD12	801737
SIS18SB22	801680	SIS18SD11	801738
SIS18SS21	801681	SIS18SD11DUPE	801739
SIS18SB21	801682	SIS18SD14	801740
SIS18SS23	801683	SIS18SD15	801741
SIS18SB23	801684	FIELD BLANK #2	801746
SIS18SS24	801685	SIS18SB29	801785

Data were reviewed and validated using a combination of project QAPP, *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April, 2009* (DoD, 2009) (DoD QSM), method-specific criteria, and laboratory SOP criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004)*. Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	**No**	
	X	Holding Times and Preservation
	X	Initial and Continuing Calibration
	X	Blank Analysis
	X	ICP Interference Check Sample (ICS)
	X	Laboratory Control Sample (LCS)
	X	Laboratory Duplicate
X		Matrix Spike (MS) and Spike Duplicate (MSD)
X		Field Duplicate
X		ICP Serial Dilution
X		Quantitation Verification

The quality of data collected in support of this sampling activity is considered acceptable with noted qualifications.

Eric Malarek, Chemist

7/1/10
Date

NBAFS RI/FS VALIDATION REPORT
METALS REVIEW
SDG 79122

I-Holding Times and Preservation

The primary objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of sample analysis. For metals analysis, aqueous and solid samples are received and stored at cool @4°C±2°C with a maximum holding time of 180 days for ICP metals (28 days for mercury) from collection (USEPA criteria). The aqueous samples are also preserved to pH<2 with nitric acid.

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 05/20/10 and 05/21/10 the coolers were received on 05/25/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C, 3.7°C, and 3.0°C. All criteria were met. No qualifiers were applied.

- Holding Time Review: The solid samples were collected on 05/20/10 and 05/21/10 for the select metals copper, calcium, manganese, magnesium, iron, aluminum, and mercury. For ICP metals, the rinse blank sample was digested on 06/02/10 and analyzed on 06/03/10, 06/05/10 (manganese), and 06/10/10 (iron and aluminum). For ICP metals, the solid samples were digested on 05/26/10 and analyzed on 06/04/10, 06/05/10, and 06/11/10 (iron, magnesium, and aluminum). For mercury, the rinse blank sample was digested on 06/02/10 and analyzed on 06/03/10. For mercury, the solid samples were digested on 06/03/10 and analyzed on 06/04/10. The prep and analysis dates for each sample may be found on the attached form 1s. All criteria were met. No qualifiers were applied.

II-Initial and Continuing Calibration

Requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analysis run, and continuing calibration verification documents that the initial calibration is still valid.

ICP:	1- blank (DoD QSM <1/2MRL)	Hg:	1- blank (DoD QSM <1/2MRL)
	3 – standards (r≥0.995)		5 – standards (r≥0.995)
	ICV/CCV (90-110%) (DoD QSM 90-110%)		ICV (90-110%) (DoD QSM 90-110%)
	MRL (70-130% for single pt) (DoD QSM 80-120%)		CCV (80-120%) (DoD QSM 80-120%)
			MRL (80-120%) (DoD QSM 80-120%)

- For ICP metals, the rinse blank was analyzed on 06/03/10, 06/05/10 (manganese), and 06/10/10 (iron and aluminum). For ICP metals, the solid samples were analyzed on 06/04/10, 06/05/10, and 06/11/10 (iron, magnesium, and aluminum). All ICP metals were calibrated using 5 point calibrations with correlation coefficients >0.995. Mercury was analyzed for the rinse blank on 06/03/10 with a correlation coefficient of 0.9996. Mercury was analyzed for the solid samples on 06/04/10 with a correlation coefficient of 0.9998.

- The ICP CCV analyzed on 06/11/10 @01:43 was outside criteria for copper (115%). All associated samples were reported using 06/04/10 and 06/05/10 runs for copper; therefore, no qualifiers were applied based upon the high recovery.

- All other ICV/CCV/MRL samples were within criteria for all target metals and runs. No qualifiers were applied.

III-Blanks

The purpose of blank analyses is to determine the presence and magnitude of contamination problems resulting from field and laboratory activities. One method blank per analytical batch must be run on each instrument used to analyze samples. Calibration blanks were analyzed initially and at a 10% frequency thereafter for each batch. No contaminants should be detected in any of the associated blanks >MDL. The DoD QSM criteria specifies all concentrations should be less than ½MRL (<MRL for common laboratory contaminants methylene chloride, acetone, 2-butanone, and phthalate esters) and <LOD (i.e. <2MDL) for the calibration blanks. Positive sample results are reported and qualified "U", if the concentration of the compound in the sample is ≤10 times (10x) the maximum amount in any blank for the common laboratory contaminants methylene chloride, acetone, 2-butanone, and phthalate esters, or 5 times (5X) the maximum amount for other target compounds. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor of one and for solid matrices were converted to soil values from µg/L to mg/kg for ICP (soil conversion factor = 40) and from µg/L to mg/kg for Hg (soil conversion factor = 24), if needed. The rinse blank FIELD BLANK #2 (801746) applies to all soil and sediment samples collected on 05/20/10 and 05/21/10.

Table 2 Blank Contamination Analysis Summary

Analysis Date	Analysis	QC Blank ID	Max Conc. µg/L	Action Level µg/L	U qualified samples (for this SDG)
06/03/10	ICP-Al	ICB/CCBs	12.9	64.5	None
06/03/10	ICP-Ba	ICB/CCBs	0.629	3.15	None
06/03/10	ICP-Fe	ICB/CCBs	29.0	145	None
06/03/10	ICP-Mg	ICB/CCBs	13.4	67.0	None
06/10/10	ICP	ICB/CCBs	<LOD	NA	None
06/03/10	Hg	ICB/CCBs	<LOD	NA	None
06/05/10	ICP-Ba	804592	0.496	2.48	None
06/03/10	ICP-Se	804592	2.40	12.0	None
06/03/10	Hg	804049	<½MRL	NA	None
Analysis Date	**Analysis**	**QC Blank ID**	**Max Conc. mg/kg**	**Action Level mg/kg**	**U qualified samples (for this SDG)**
06/05/10	ICP-Al	ICB/CCBs	0.545	2.73	None
06/05/10	ICP-Fe	ICB/CCBs	2.44	12.2	None
06/05/10	ICP-Mg	ICB/CCBs	0.463	2.32	None
06/05/10	ICP	ICB/CCBs	<LOD	NA	None
06/10/10	ICP-Al	ICB/CCBs	0.0493	0.25	None
06/10/10	ICP-Ca	ICB/CCBs	0.48	2.40	None
06/11/10	ICP	ICB/CCBs	<LOD	NA	None
06/04/10	Hg	ICB/CCBs	<LOD	NA	None
06/04/10	ICP-Al	802131	0.14	0.70	None
06/04/10	ICP-Fe	802131	0.41	2.05	None
06/04/10	ICP-Mg	802131	0.12	0.60	None
06/04/10	ICP-Mn	802131	0.071	0.36	None
06/05/10	ICP-Fe	802135	0.35	1.75	None
06/05/10	ICP-Mn	802135	0.041	0.21	None
06/11/10	ICP-Al	802135	0.59	2.95	None
06/05/10	ICP-Fe	802139	0.30	1.50	None
06/04/10	Hg	804055	<½MRL	NA	None
06/03/10	ICP	FIELD BLANK #2	<½MRL	NA	None
06/05/10	ICP-Mg	FIELD BLANK #2	1.40	7.00	None
06/10/10	ICP	FIELD BLANK #2	<½MRL	NA	None
06/03/10	Hg	FIELD BLANK #2	<½MRL	NA	None

LOD = Limit of Detection
MRL = Method Reporting Limit
NA = Not Applicable
SDG= Sample Delivery Group

V-ICP Interference Check Sample (ICS)
The ICP interference check sample (ICS) verifies inter-element and background correction factors. ICP Interference Check is performed at the beginning and end of each sample analysis run. Control limits are 80-120% (DoD QSM limits 80-120%).

- All criteria were met. No qualifiers were applied.

VI-Laboratory Control Samples (LCS)
The laboratory control sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. The DoD QSM aqueous LCS criteria are specified in Table G-18 of the DoD QSM (DoD, 2009) and are 80-120% and RPD≤20% for metals. The DoD QSM solid LCS criteria are specified in Table G-19 of the DoD QSM (DoD, 2009) and are 80-120% (75%-120% for silver) and RPD≤20% for metals.

- Sample 804593 was used as aqueous LCS for ICP metals analysis dated 06/03/10. All criteria were met. No qualifiers were applied. Sample FIELD BLANK #2 (801746) applies to this LCS.

- Sample 802132 was used as solid LCS for ICP metals analysis dated 06/04/10. All criteria were met. No qualifiers were applied. Samples SIS18SS15 (801656), SIS18SB15 (801666), SIS18SS14 (801667), SIS18SB14 (801668), SIS18SS17 (801669), SIS18SB17 (801670), SIS18SS16 (801671), SIS18SB16 (801672), SIS18SS18 (801673), SIS18SB18 (801674), SIS18SS19 (801675), SIS18SB19 (801676), SIS18SS20 (801677), SIS18SB20 (801678), SIS18SS22 (801679), SIS18SB22 (801680), SIS18SS21 (801681), SIS18SB21 (801682), SIS18SS23 (801683), SIS18SB23 (801684), SIS18SS24 (801685), SIS18SS25 (801709), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS29 (801715), SIS18SS30 (801716), SIS18SB30 (801717), SIS18SS31 (801718), SIS18SB31 (801719), SIS18SS32 (801720), SIS18SB32 (801721), SIS18SS32DUPE (801722), SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), SIS18SD15 (801741), and SIS18SB29 (801785) apply to this LCS.

- Sample 802136 was used as solid LCS for ICP metals analysis dated 06/05/10. All criteria were met. No qualifiers were applied. Samples SIS18SS15 (801656), SIS18SB15 (801666), SIS18SS14 (801667), SIS18SB14 (801668), SIS18SS17 (801669), SIS18SB17 (801670), SIS18SS16 (801671), SIS18SB16 (801672), SIS18SS18 (801673), SIS18SB18 (801674), SIS18SS19 (801675), SIS18SB19 (801676), SIS18SS20 (801677), SIS18SB20 (801678), SIS18SS22 (801679), SIS18SB22 (801680), SIS18SS21 (801681), SIS18SB21 (801682), SIS18SS23 (801683), SIS18SB23 (801684), SIS18SS24 (801685), SIS18SS25 (801709), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS29 (801715), SIS18SS30 (801716), SIS18SB30 (801717), SIS18SS31 (801718), SIS18SB31 (801719), SIS18SS32 (801720), SIS18SB32 (801721), SIS18SS32DUPE (801722), SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), SIS18SD15 (801741), and SIS18SB29 (801785) apply to this LCS.

- Sample 802140 was used as solid LCS for ICP metals analysis dated 06/05/10. All criteria were met. No qualifiers were applied. Samples SIS18SS15 (801656), SIS18SB15 (801666), SIS18SS14 (801667), SIS18SB14 (801668), SIS18SS17 (801669), SIS18SB17 (801670), SIS18SS16 (801671), SIS18SB16 (801672), SIS18SS18 (801673), SIS18SB18 (801674), SIS18SS19 (801675), SIS18SB19 (801676), SIS18SS20 (801677), SIS18SB20 (801678), SIS18SS22 (801679), SIS18SB22 (801680), SIS18SS21 (801681), SIS18SB21 (801682), SIS18SS23 (801683), SIS18SB23 (801684), SIS18SS24 (801685), SIS18SS25 (801709), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS29 (801715), SIS18SS30 (801716), SIS18SB30 (801717), SIS18SS31 (801718), SIS18SB31 (801719), SIS18SS32 (801720), SIS18SB32 (801721), SIS18SS32DUPE (801722), SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), SIS18SD15 (801741), and SIS18SB29 (801785) apply to this LCS.

- Sample 804050 was used as aqueous LCS for mercury analysis dated 06/03/10. All criteria were met. No qualifiers were applied. Sample FIELD BLANK #2 (801746) applies to this LCS.

- Sample 804056 was used as solid LCS for mercury analysis dated 06/04/10. All criteria were met. No qualifiers were applied. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), and SIS18SD15 (801741) apply to this LCS.

VII-Laboratory Duplicate

Duplicate sample determinations are used to demonstrate acceptable method precision by the laboratory at the time of analysis. Duplicate analysis is also performed to generate data in order to determine the long-term precision of the analytical method on various matrices. RPDs must be within established control limits. The DoD QSM aqueous and solid limits for metals are 20% RPD for ICP metals and mercury.

- No aqueous or solid laboratory duplicate was analyzed with this SDG; therefore, it was not evaluated. See Section VII for lab precision statement using MS/MSD.

VIII-Matrix Spike (MS) and Spike Duplicate (MSD)

MS and MSD are generated to determine long-term accuracy and precision of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Specific criteria include the analyses of matrix spike samples at a frequency of one MS/MSD per 20 samples of similar matrix. MS/MSD recoveries and relative percent differences between MS recoveries should be within the specified limits. The DoD MS and MSD solid recovery limits use the LCS criteria specified in Table G-19 of the DoD QSM (DoD, 2009) and are 80-120% (75%-120% for silver) and RPD≤20% for metals. Post digestion spikes aqueous and solid limits are 75-125% for ICP metals.

- Sample SIS18SS15 (801656) was used as solid MS/MSD for ICP metals analysis dated 06/04/10. Copper (70%, 18%), iron (122%), and manganese (76%; 59%) were outside criteria. For all other metals, all criteria were met. The post digestion spike was outside criteria for copper (30%) and iron (-300%). The associated LCS was within criteria for all target metals (see section VI). The sample concentration was >4 times the spike added for copper; therefore, no qualifiers were applied based upon these outliers. Iron and manganese were qualified estimated "J" for detects and "UJ" for non-detects based upon the low/high recoveries. Samples SIS18SS15 (801656), SIS18SB15 (801666), SIS18SS14 (801667), SIS18SB14 (801668), SIS18SS17 (801669), SIS18SB17 (801670), SIS18SS16 (801671), SIS18SB16 (801672), SIS18SS18 (801673), SIS18SB18 (801674), SIS18SS19 (801675), SIS18SB19 (801676), SIS18SS20 (801677), SIS18SB20 (801678), SIS18SS22 (801679), SIS18SB22 (801680), SIS18SS21 (801681), SIS18SB21 (801682), SIS18SS23 (801683), SIS18SB23 (801684), SIS18SS24 (801685), SIS18SS25 (801709), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS29 (801715), SIS18SS30 (801716), SIS18SB30 (801717), SIS18SS31 (801718), SIS18SB31 (801719), SIS18SS32 (801720), SIS18SB32 (801721), SIS18SS32DUPE (801722), and SIS18SB29 (801785) apply to this MS/MSD.

- Sample SIS18SS24 (801685) was used as solid MS/MSD for ICP metals analysis dated 06/05/10 (06/11/10 for aluminum). Aluminum (5350%, 5171%) and iron (1215%, 1147%) were outside criteria. For all other metals, all criteria were met. The post digestion spike was outside criteria for aluminum (68%) and iron (-350%). The associated LCS was within criteria for all target metals (see section VI). The sample concentration was >4 times the spike added for aluminum and iron; therefore, no qualifiers were applied based upon these outliers. Samples SIS18SS15 (801656), SIS18SB15 (801666), SIS18SS14 (801667), SIS18SB14 (801668), SIS18SS17 (801669), SIS18SB17 (801670), SIS18SS16 (801671), SIS18SB16 (801672), SIS18SS18 (801673), SIS18SB18 (801674), SIS18SS19 (801675), SIS18SB19 (801676), SIS18SS20 (801677), SIS18SB20 (801678), SIS18SS22 (801679), SIS18SB22 (801680), SIS18SS21 (801681), SIS18SB21 (801682), SIS18SS23 (801683), SIS18SB23 (801684), SIS18SS24 (801685), SIS18SS25 (801709), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS29 (801715), SIS18SS30 (801716), SIS18SB30 (801717), SIS18SS31 (801718), SIS18SB31 (801719), SIS18SS32 (801720), SIS18SB32 (801721), SIS18SS32DUPE (801722), and SIS18SB29 (801785) apply to this MS/MSD.

- Sample SIS18SD12 (801737) was used as solid MS/MSD for ICP metals analysis dated 06/05/10. Calcium (76%, 71%) and copper (-102%, -50%) were outside criteria. The associated LCS was within criteria for all target metals (see section VI). The post digestion spike was outside criteria for copper (6%). The sample concentration was >4 times the spike added for copper; therefore, no qualifiers were applied based upon these outliers. Calcium was qualified estimated "J" for detects and "UJ" for non-detects based upon the low recoveries. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), and SIS18SD15 (801741) apply to this MS/MSD.

- Sample SIS18SD13 (801735) was used as solid MS/MSD for mercury analysis dated 06/04/10. Mercury (58%; RPD=52%) was outside criteria. The associated LCS was within criteria for all target metals (see section VI). The post digestion spike was within criteria for mercury (106%). Mercury was qualified estimated "J" for detects and "UJ" for non-detects based upon these outliers. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), and SIS18SD15 (801741) apply to this MS/MSD.

IX-Field Duplicate Sample Analysis

Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 35% RPD for the solid samples.

- Field solid sample duplicate pair SIS18SS25 (801709) and SIS18SS25DUPE (801710) was collected for select metals. All detected metals found in the sample and its duplicate pair and associated %RPD are noted in **Table 3**. All other target metals were non-detect. All criteria were met. No qualifiers were applied.

Table 3 Field Precision Hits Analysis Summary for Select Metals for Duplicate Pair SIS18SS25 (801709) and SIS18SS25DUPE (801710)

Compound	Original Sample (mg/kg)	Duplicate Pair (mg/kg)	%RPD
Manganese	190	154	20.9
Copper	223	217	2.7
Calcium	3390	3020	11.5
Magnesium	1040	1040	0.0
Aluminum	7690	7280	5.5
Iron	8630	8640	0.1

- Field solid sample duplicate pair SIS18SB32 (801721) and SIS18SS32DUPE (801722) was collected for select metals. All detected metals found in the sample and its duplicate pair and associated %RPD are noted in **Table 4**. All other target metals were non-detect. All criteria were met. No qualifiers were applied.

Table 4 Field Precision Hits Analysis Summary for Select Metals for Duplicate Pair SIS18SB32 (801721) and SIS18SS32DUPE (801722)

Compound	Original Sample (mg/kg)	Duplicate Pair (mg/kg)	%RPD
Copper	34.4	32.5	5.7
Aluminum	4810	5370	11.0
Iron	6910	6460	6.7
Calcium	874	762	13.7
Manganese	88.8	79.0	11.7
Magnesium	981	819	18.0

- Field solid sample duplicate pair SIS18SD11 (801738) and SIS18SD11DUPE (801739) was collected for select metals. All detected metals found in the sample and its duplicate pair and associated %RPD are noted in **Table 5**. All other target metals were non-detect. Mercury (101%) was outside criteria (matrix effects) and was qualified estimated "J" for the duplicate pair based upon the high %RPD. For all other target metals, all criteria were met.

Table 5 Field Precision Hits Analysis Summary for Select Metals for Duplicate Pair SIS18SD11 (801738) and SIS18SD11DUPE (801739)

Compound	Original Sample (mg/kg)	Duplicate Pair (mg/kg)	%RPD
Calcium	13800	13000	6.0
Manganese	361	342	5.4
Aluminum	4330	3780	13.6
Copper	476	390	19.9
Iron	7600	6680	12.9
Magnesium	867	807	7.2
Mercury	0.61	0.20	101

X-ICP Serial Dilution

An ICP serial dilution is performed to determine whether significant physical or chemical interferences exist due to sample matrix at high concentrations. An analysis of a 5-fold dilution should agree within 10% difference of the original result when the concentration in sample is a factor of 50 above MDL for ICP.

- Sample SIS18SS15 (801656) was used as solid serial dilution for ICP metals analysis dated 06/04/10. Magnesium (14%) and manganese (14%) were outside criteria. For all other metals, all criteria were met. Magnesium and manganese were qualified estimated "J" for detects based upon the high %Ds. Samples SIS18SS15 (801656), SIS18SB15 (801666), SIS18SS14 (801667), SIS18SB14 (801668), SIS18SS17 (801669), SIS18SB17 (801670), SIS18SS16 (801671), SIS18SB16 (801672), SIS18SS18 (801673), SIS18SB18 (801674), SIS18SS19 (801675), SIS18SB19 (801676), SIS18SS20 (801677), SIS18SB20 (801678), SIS18SS22 (801679), SIS18SB22 (801680), SIS18SS21 (801681), SIS18SB21 (801682), SIS18SS23 (801683), SIS18SB23 (801684), SIS18SS24 (801685), SIS18SS25 (801709), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS29 (801715), SIS18SS30 (801716), SIS18SB30 (801717), SIS18SS31 (801718), SIS18SB31 (801719), SIS18SS32 (801720), SIS18SB32 (801721), SIS18SS32DUPE (801722), and SIS18SB29 (801785) apply to this serial dilution.

- Sample SIS18SS24 (801685) was used as solid serial dilution for ICP metals analysis dated 06/05/10 (06/11/10 for aluminum). All criteria were met. No qualifiers were applied. Samples SIS18SS15 (801656), SIS18SB15 (801666), SIS18SS14 (801667), SIS18SB14 (801668), SIS18SS17 (801669), SIS18SB17 (801670), SIS18SS16 (801671), SIS18SB16 (801672), SIS18SS18 (801673), SIS18SB18 (801674), SIS18SS19 (801675), SIS18SB19 (801676), SIS18SS20 (801677), SIS18SB20 (801678), SIS18SS22 (801679), SIS18SB22 (801680), SIS18SS21 (801681), SIS18SB21 (801682), SIS18SS23 (801683), SIS18SB23 (801684), SIS18SS24 (801685), SIS18SS25 (801709), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS29 (801715), SIS18SS30 (801716), SIS18SB30 (801717), SIS18SS31 (801718), SIS18SB31 (801719), SIS18SS32 (801720), SIS18SB32 (801721), SIS18SS32DUPE (801722), and SIS18SB29 (801785) apply to this serial dilution.

- Sample SIS18SD12 (801737) was used as solid serial dilution for ICP metals analysis dated 06/05/10. Iron (16%) was outside criteria. For all other metals, all criteria were met. Iron was qualified estimated "J" for detects based upon the high %Ds. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), and SIS18SD15 (801741) apply to this serial dilution.

- Sample SIS18SD13 (801735) was used as solid serial dilution for mercury analysis dated 06/04/10. All criteria were met. No qualifiers were applied. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), and SIS18SD15 (801741) apply to this serial dilution.

XI-Quantitation Verification
The accuracy of analytical results is verified through the calculation of several parameters. The percent difference (%D) between the calculated and the reported values should be within 10%. Any sample value >MDL and <MRL or <3*MDL (whichever was greater) was qualified as estimated, "J." Please note that Microbac replaces the "U" lab qualifier for non-detections with a "Q" for where there are multiple QC failures and with a "J" for where there is a single QC failure. For where this was the case, the "U" has been added back in as "UQ" or "UJ" on the form 1s for non-detections to signify that the compound was actually a non-detect for the end user. The following calculations were performed for verification.

Sample: SIS18SD11 (801738), Aluminum

Conc. (mg/kg) = {(conc. μg/L)*(Final Volume L)*(DF)} / {(Weight Sample g)*(Fraction Solids)}

Conc. (mg/kg) = {(21800 μg/L)*(0.050 L)*(1)} / {(2.0 g)*(0.1260)} = 4330 μg/g = 4330 mg/kg

Reported concentration = 4330 mg/kg
%D = 0.0%
Values were within 10% difference.

Sample: SIS18SD11 (801738), Mercury

Conc. (mg/kg) = {(conc. μg/L)*(Final Volume L)*(DF)} / {(Weight Sample g)*(Fraction Solids)}

Conc. (mg/kg) = {(1.78 μg/L)*(0.025 L)*(1)} / {(0.58 g)*(0.1260)} = 0.61 μg/g = 0.61 mg/kg

Reported concentration = 0.61 mg/kg
%D = 0.0%
Values were within 10% difference.

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **FIELD BLANK #2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	GROUND WATER	SDG No.:	79122
% Solids:		Lab Sample ID:	801746
Analytical Method:	EPA 7470A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67306	Analysis Date/Time	06/03/2010 10:57
Analytical Prep Batch #:	33373	Prep. Date/Time:	06/02/2010 16:00

Concentration Units: ug/L

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7439-97-6	Total Mercury	0.040	U	0.040	0.040	0.14	0.14

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **FIELD BLANK #2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	GROUND WATER	SDG No.:	79122
% Solids:		Lab Sample ID:	801746
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67296	Analysis Date/Time	06/05/2010 12:30
Analytical Prep Batch #:	33405	Prep. Date/Time:	06/02/2010 15:30

Concentration Units: ug/L

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7439-95-4	Total Magnesium	56.0		3.0	3.0	11	11

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Sample Description: **FIELD BLANK #2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	GROUND WATER	SDG No.:	79122
% Solids:		Lab Sample ID:	801746
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67296	Analysis Date/Time	06/03/2010 18:53
Analytical Prep Batch #:	33405	Prep. Date/Time:	06/02/2010 15:30

Concentration Units: ug/L

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Total Calcium	15	U	15	15	100	100
7440-50-8	Total Copper	1.2	U	1.2	1.2	3.8	3.8
7439-96-5	Total Manganese	0.70	U	0.70	0.70	2.0	2.3

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **FIELD BLANK #2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	GROUND WATER	SDG No.:	79122
% Solids:		Lab Sample ID:	801746
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67296	Analysis Date/Time	06/10/2010 21:22
Analytical Prep Batch #:	33405	Prep. Date/Time:	06/02/2010 15:30

Concentration Units: ug/L

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Total Aluminum	4.0	U	4.0	4.0	26	26
7439-89-6	Total Iron	9.0	U	9.0	9.0	29	29

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Sample Description: SIS18SB14

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	30.2	Lab Sample ID:	801668
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 21:56
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	5240		0.13	0.13	0.40	0.40
7440-70-2	Calcium	9850		0.20	0.50	1.7	1.7
7440-50-8	Copper	2080		0.20	0.20	0.66	0.66
7439-89-6	Iron	9520	J	0.99	0.99	3.3	3.3
7439-95-4	Magnesium	1540	J	0.40	0.40	1.3	1.3
7439-96-5	Manganese	123	J	0.053	0.066	0.17	0.17

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB15**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	65.2	Lab Sample ID:	801666
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 21:43
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	6210		0.061	0.061	0.18	0.18
7440-70-2	Calcium	2200		0.092	0.23	0.77	0.77
7440-50-8	Copper	135		0.092	0.092	0.31	0.31
7439-89-6	Iron	7290	J	0.46	0.46	1.5	1.5
7439-95-4	Magnesium	886	J	0.18	0.18	0.61	0.61
7439-96-5	Manganese	141	J	0.025	0.031	0.077	0.080

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB16**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	63.0	Lab Sample ID:	801672
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 01:18
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	16200		0.063	0.063	0.19	0.19

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB16**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	63.0	Lab Sample ID:	801672
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 22:34
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	2080		0.095	0.24	0.79	0.79
7440-50-8	Copper	141		0.095	0.095	0.32	0.32
7439-89-6	Iron	18700	J	0.48	0.48	1.6	1.6
7439-95-4	Magnesium	1300	J	0.19	0.19	0.63	0.63
7439-96-5	Manganese	102	J	0.025	0.032	0.079	0.083

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB17**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	54.4	Lab Sample ID:	801670
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 22:08
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	18800		0.074	0.074	0.22	0.22
7440-70-2	Calcium	478		0.11	0.28	0.92	0.92
7440-50-8	Copper	13.6		0.11	0.11	0.37	0.37
7439-89-6	Iron	20400	J	0.55	0.55	1.8	1.8
7439-95-4	Magnesium	1500	J	0.22	0.22	0.74	0.74
7439-96-5	Manganese	86.9	J	0.029	0.037	0.092	0.096

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Sample Description: SIS18SB18

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	57.3	Lab Sample ID:	801674
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 01:31
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	11400		0.070	0.070	0.21	0.21

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB18**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	57.3	Lab Sample ID:	801674
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 22:46
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	2900		0.10	0.26	0.87	0.87
7440-50-8	Copper	65.4		0.10	0.10	0.35	0.35
7439-89-6	Iron	12800	J	0.52	0.52	1.7	1.7
7439-95-4	Magnesium	1590	J	0.21	0.21	0.70	0.70
7439-96-5	Manganese	441	J	0.028	0.035	0.087	0.091

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB19**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	69.4	Lab Sample ID:	801676
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 01:56
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4320		0.058	0.058	0.17	0.17

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB19**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	69.4	Lab Sample ID:	801676
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 22:59
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	2230		0.086	0.22	0.72	0.72
7440-50-8	Copper	400		0.086	0.086	0.29	0.29
7439-89-6	Iron	4540	J	0.43	0.43	1.4	1.4
7439-95-4	Magnesium	476	J	0.17	0.17	0.58	0.58
7439-96-5	Manganese	50.1	J	0.023	0.029	0.072	0.075

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB20**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	88.0	Lab Sample ID:	801678
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 02:08
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4520		0.045	0.045	0.14	0.14

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB20**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	88.0	Lab Sample ID:	801678
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 23:11
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	1110		0.068	0.17	0.57	0.57
7440-50-8	Copper	24.2		0.068	0.068	0.23	0.23
7439-89-6	Iron	5990	J	0.34	0.34	1.1	1.1
7439-95-4	Magnesium	560	J	0.14	0.14	0.45	0.45
7439-96-5	Manganese	31.3	J	0.018	0.023	0.057	0.059

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB21**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	67.3	Lab Sample ID:	801682
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 02:33
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	6240		0.059	0.059	0.18	0.18
7439-89-6	Iron	5760	J	0.45	0.45	1.5	1.5
7439-95-4	Magnesium	717	J	0.18	0.18	0.59	0.59

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INORGANIC ANALYSIS DATA SHEET

Sample Description: SIS18SB21

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	67.3	Lab Sample ID:	801682
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 23:49
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	1590		0.089	0.22	0.74	0.74
7440-50-8	Copper	56.5		0.089	0.089	0.30	0.30
7439-96-5	Manganese	31.5	J	0.024	0.030	0.074	0.077

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Sample Description

SIS18SB22

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	81.2	Lab Sample ID:	801680
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 02:21
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	6000		0.049	0.049	0.15	0.15

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB22**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	81.2	Lab Sample ID:	801680
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 23:24
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	1160		0.074	0.18	0.62	0.62
7440-50-8	Copper	38.5		0.074	0.074	0.25	0.25
7439-89-6	Iron	5940	J	0.37	0.37	1.2	1.2
7439-95-4	Magnesium	1070	J	0.15	0.15	0.49	0.49
7439-96-5	Manganese	56.0	J	0.020	0.025	0.062	0.064

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB23**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	83.6	Lab Sample ID:	801684
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/05/2010 00:01
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	972		0.072	0.18	0.60	0.60
7440-50-8	Copper	22.2		0.072	0.072	0.24	0.24
7439-96-5	Manganese	49.6	J	0.019	0.024	0.060	0.062

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB23**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	83.6	Lab Sample ID:	801684
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 02:46
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	5350		0.048	0.048	0.14	0.14
7439-89-6	Iron	5890	J	0.36	0.36	1.2	1.2
7439-95-4	Magnesium	933	J	0.14	0.14	0.48	0.48

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB28**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	79.1	Lab Sample ID:	801713
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 01:29
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	1000		0.076	0.19	0.63	0.63
7440-50-8	Copper	35.4		0.076	0.076	0.25	0.25
7439-96-5	Manganese	89.1	J	0.020	0.025	0.063	0.066

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB28**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	79.1	Lab Sample ID:	801713
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 03:48
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	3260		0.051	0.051	0.15	0.15
7439-89-6	Iron	4550	J	0.38	0.38	1.3	1.3
7439-95-4	Magnesium	537	J	0.15	0.15	0.51	0.51

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB29**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	83.2	Lab Sample ID:	801785
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67103	Analysis Date/Time	06/05/2010 04:05
Analytical Prep Batch #:	33297	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	2710		0.048	0.048	0.14	0.14
7440-70-2	Calcium	685		0.072	0.18	0.60	0.60
7440-50-8	Copper	3.7		0.072	0.072	0.24	0.24
7439-89-6	Iron	3790	J	0.36	0.36	1.2	1.2
7439-95-4	Magnesium	514	J	0.14	0.14	0.48	0.48
7439-96-5	Manganese	71.5	J	0.019	0.024	0.060	0.063

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB30**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	88.9	Lab Sample ID:	801717
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 01:48
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	585		0.067	0.17	0.56	0.56
7440-50-8	Copper	24.2		0.067	0.067	0.22	0.22
7439-96-5	Manganese	37.7	J	0.018	0.022	0.056	0.058

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SB30**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	88.9	Lab Sample ID:	801717
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 04:07
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	3400		0.045	0.045	0.13	0.13
7439-89-6	Iron	4640	J	0.34	0.34	1.1	1.1
7439-95-4	Magnesium	675	J	0.13	0.13	0.45	0.45

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Sample Description

SIS18SB31

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	52.6	Lab Sample ID:	801719
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 02:13
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	18000		0.076	0.076	0.23	0.23
7440-70-2	Calcium	3870		0.11	0.29	0.95	0.95
7440-50-8	Copper	196		0.11	0.11	0.38	0.38
7439-89-6	Iron	8940	J	0.57	0.57	1.9	1.9
7439-95-4	Magnesium	694	J	0.23	0.23	0.76	0.76
7439-96-5	Manganese	33.3	J	0.030	0.038	0.095	0.099

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INORGANIC ANALYSIS DATA SHEET

Sample Description

SIS18SB32

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	74.9	Lab Sample ID:	801721
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 02:26
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4810		0.053	0.053	0.16	0.16
7440-70-2	Calcium	874		0.080	0.20	0.67	0.67
7440-50-8	Copper	34.4		0.080	0.080	0.27	0.27
7439-89-6	Iron	6910	J	0.40	0.40	1.3	1.3
7439-95-4	Magnesium	981	J	0.16	0.16	0.53	0.53
7439-96-5	Manganese	88.8	J	0.021	0.027	0.067	0.069

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Sample Description: SIS18SD11

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	12.6	Lab Sample ID:	801738
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67103	Analysis Date/Time	06/05/2010 03:41
Analytical Prep Batch #:	33297	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4330		0.32	0.32	0.95	0.95
7440-70-2	Calcium	13800	J	0.48	1.2	4.0	4.0
7440-50-8	Copper	476		0.48	0.48	1.6	1.6
7439-89-6	Iron	7600	J	2.4	2.4	7.9	7.9
7439-95-4	Magnesium	867		0.95	0.95	3.2	3.2
7439-96-5	Manganese	361		0.13	0.16	0.40	0.41

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SD11**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	12.6	Lab Sample ID:	801738
Analytical Method:	EPA 7471A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67342	Analysis Date/Time	06/04/2010 11:10
Analytical Prep Batch #:	33375	Prep. Date/Time:	06/03/2010 09:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7439-97-6	Mercury	0.61	J	0.019	0.019	0.063	0.063

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SD11 DUPE**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	15.0	Lab Sample ID:	801739
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67103	Analysis Date/Time	06/05/2010 03:47
Analytical Prep Batch #:	33297	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	3780		0.27	0.27	0.80	0.80
7440-70-2	Calcium	13000	J	0.40	1.0	3.3	3.3
7440-50-8	Copper	390		0.40	0.40	1.3	1.3
7439-89-6	Iron	6680	J	2.0	2.0	6.7	6.7
7439-95-4	Magnesium	807		0.80	0.80	2.7	2.7
7439-96-5	Manganese	342		0.11	0.13	0.33	0.35

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SD11 DUPE**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	15.0	Lab Sample ID:	801739
Analytical Method:	EPA 7471A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67342	Analysis Date/Time	06/04/2010 11:12
Analytical Prep Batch #:	33375	Prep. Date/Time:	06/03/2010 09:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7439-97-6	Mercury	0.20	J	0.016	0.016	0.053	0.053

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Sample Description: SIS18SD12

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	14.8	Lab Sample ID:	801737
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67103	Analysis Date/Time	06/05/2010 02:57
Analytical Prep Batch #:	33297	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	5660		0.27	0.27	0.81	0.81
7440-70-2	Calcium	18100	J	0.41	1.0	3.4	3.4
7440-50-8	Copper	794		0.41	0.41	1.4	1.4
7439-89-6	Iron	6910	J	2.0	2.0	6.8	6.8
7439-95-4	Magnesium	1080		0.81	0.81	2.7	2.7
7439-96-5	Manganese	144		0.11	0.14	0.34	0.35

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SD12**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	14.8	Lab Sample ID:	801737
Analytical Method:	EPA 7471A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67342	Analysis Date/Time	06/04/2010 11:08
Analytical Prep Batch #:	33375	Prep. Date/Time:	06/03/2010 09:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7439-97-6	Mercury	0.72	J	0.016	0.016	0.053	0.053

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SD13**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	23.5	Lab Sample ID:	801735
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 02:38
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	10500		0.17	0.17	0.51	0.51
7440-70-2	Calcium	2970	J	0.26	0.64	2.1	2.1
7440-50-8	Copper	26.3		0.26	0.26	0.85	0.85
7439-89-6	Iron	5740	J	1.3	1.3	4.3	4.3
7439-95-4	Magnesium	1060		0.51	0.51	1.7	1.7
7439-96-5	Manganese	144		0.068	0.085	0.21	0.22

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SD13**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	23.5	Lab Sample ID:	801735
Analytical Method:	EPA 7471A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67342	Analysis Date/Time	06/04/2010 10:55
Analytical Prep Batch #:	33375	Prep. Date/Time:	06/03/2010 09:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7439-97-6	Mercury	0.028	J Y J	0.010	0.010	0.034	0.034

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Sample Description: SIS18SD14

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Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	15.8	Lab Sample ID:	801740
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67103	Analysis Date/Time	06/05/2010 03:52
Analytical Prep Batch #:	33297	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	15000		0.25	0.25	0.76	0.76
7440-70-2	Calcium	2260	J	0.38	0.95	3.2	3.2
7440-50-8	Copper	14.6		0.38	0.38	1.3	1.3
7439-89-6	Iron	7200	J	1.9	1.9	6.3	6.3
7439-95-4	Magnesium	1300		0.76	0.76	2.5	2.5
7439-96-5	Manganese	156		0.10	0.13	0.32	0.33

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Sample Description

SIS18SD14

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	15.8	Lab Sample ID:	801740
Analytical Method:	EPA 7471A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67342	Analysis Date/Time	06/04/2010 11:13
Analytical Prep Batch #:	33375	Prep. Date/Time:	06/03/2010 09:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7439-97-6	Mercury	0.059	J	0.015	0.015	0.050	0.050

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Sample Description: SIS18SD15

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	6.3	Lab Sample ID:	801741
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67103	Analysis Date/Time	06/05/2010 03:59
Analytical Prep Batch #:	33297	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	7220		0.63	0.63	1.9	1.9
7440-70-2	Calcium	1710	J	0.95	2.4	7.9	7.9
7440-50-8	Copper	9.8		0.95	0.95	3.2	3.2
7439-89-6	Iron	12100	J	4.8	4.8	16	16
7439-95-4	Magnesium	488		1.9	1.9	6.3	6.3
7439-96-5	Manganese	146		0.25	0.32	0.79	0.83

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SD15**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	6.3	Lab Sample ID:	801741
Analytical Method:	EPA 7471A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67342	Analysis Date/Time	06/04/2010 11:15
Analytical Prep Batch #:	33375	Prep. Date/Time:	06/03/2010 09:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7439-97-6	Mercury	0.038	U VJ	0.038	0.038	0.13	0.13

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS14**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	34.7	Lab Sample ID:	801667
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 21:49
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4240		0.12	0.12	0.35	0.35
7440-70-2	Calcium	9150		0.17	0.43	1.4	1.4
7440-50-8	Copper	1400		0.17	0.17	0.58	0.58
7439-89-6	Iron	7180	J	0.86	0.86	2.9	2.9
7439-95-4	Magnesium	1070	J	0.35	0.35	1.2	1.2
7439-96-5	Manganese	82.9	J	0.046	0.058	0.14	0.15

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS15**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	75.8	Lab Sample ID:	801656
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 21:11
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4780		0.053	0.053	0.16	0.16
7440-70-2	Calcium	1760		0.079	0.20	0.66	0.66
7440-50-8	Copper	76.8		0.079	0.079	0.26	0.26
7439-89-6	Iron	5470	J	0.40	0.40	1.3	1.3
7439-95-4	Magnesium	838	J	0.16	0.16	0.53	0.53
7439-96-5	Manganese	74.5	J	0.021	0.026	0.066	0.069

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Sample Description: **SIS18SS16**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	65.1	Lab Sample ID:	801671
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 01:12
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	14600		0.061	0.061	0.18	0.18

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS16**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	65.1	Lab Sample ID:	801671
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 22:27
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	2430		0.091	0.23	0.76	0.76
7440-50-8	Copper	163		0.091	0.091	0.30	0.30
7439-89-6	Iron	17100	J	0.46	0.46	1.5	1.5
7439-95-4	Magnesium	1110	J	0.18	0.18	0.61	0.61
7439-96-5	Manganese	73.4	J	0.024	0.030	0.076	0.079

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Sample Description

SIS18SS17

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	66.7	Lab Sample ID:	801669
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 22:02
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	6670		0.060	0.060	0.18	0.18
7440-70-2	Calcium	306		0.090	0.22	0.75	0.75
7440-50-8	Copper	16.8		0.090	0.090	0.30	0.30
7439-89-6	Iron	10800	J	0.45	0.45	1.5	1.5
7439-95-4	Magnesium	1080	J	0.18	0.18	0.60	0.60
7439-96-5	Manganese	56.2	J	0.024	0.030	0.075	0.078

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS18**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	69.6	Lab Sample ID:	801673
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 01:24
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	7760		0.057	0.057	0.17	0.17

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS18**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	69.6	Lab Sample ID:	801673
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 22:40
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	1900		0.086	0.22	0.72	0.72
7440-50-8	Copper	34.0		0.086	0.086	0.29	0.29
7439-89-6	Iron	7650	J	0.43	0.43	1.4	1.4
7439-95-4	Magnesium	1220	J	0.17	0.17	0.57	0.57
7439-96-5	Manganese	261	J	0.023	0.029	0.072	0.075

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS19**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	54.7	Lab Sample ID:	801675
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 01:37
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	6900		0.073	0.073	0.22	0.22

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Sample Description: **SIS18SS19**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	54.7	Lab Sample ID:	801675
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 22:53
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	3770		0.11	0.27	0.91	0.91
7440-50-8	Copper	987		0.11	0.11	0.37	0.37
7439-89-6	Iron	9280	J	0.55	0.55	1.8	1.8
7439-95-4	Magnesium	1040	J	0.22	0.22	0.73	0.73
7439-96-5	Manganese	87.8	J	0.029	0.037	0.091	0.095

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Sample Description: **SIS18SS20**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	74.3	Lab Sample ID:	801677
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 02:02
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4170		0.054	0.054	0.16	0.16

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS20**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	74.3	Lab Sample ID:	801677
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 23:05
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	2080		0.081	0.20	0.67	0.67
7440-50-8	Copper	251		0.081	0.081	0.27	0.27
7439-89-6	Iron	5620	J	0.40	0.40	1.3	1.3
7439-95-4	Magnesium	851	J	0.16	0.16	0.54	0.54
7439-96-5	Manganese	64.9	J	0.022	0.027	0.067	0.070

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS21**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	71.0	Lab Sample ID:	801681
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 02:27
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	3630		0.056	0.056	0.17	0.17
7439-89-6	Iron	4080	J	0.42	0.42	1.4	1.4
7439-95-4	Magnesium	641	J	0.17	0.17	0.56	0.56

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Sample Description: **SIS18SS21**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	71.0	Lab Sample ID:	801681
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 23:42
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	1250		0.085	0.21	0.70	0.70
7440-50-8	Copper	43.3		0.085	0.085	0.28	0.28
7439-96-5	Manganese	31.1	J	0.023	0.028	0.070	0.073

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS22**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	48.2	Lab Sample ID:	801679
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 02:15
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4690		0.083	0.083	0.25	0.25

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS22**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	48.2	Lab Sample ID:	801679
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 23:18
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	4240		0.12	0.31	1.0	1.0
7440-50-8	Copper	2810		0.12	0.12	0.41	0.41
7439-89-6	Iron	6170	J	0.62	0.62	2.1	2.1
7439-95-4	Magnesium	923	J	0.25	0.25	0.83	0.83
7439-96-5	Manganese	38.7	J	0.033	0.041	0.10	0.11

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS23**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	88.3	Lab Sample ID:	801683
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/11/2010 02:39
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4110		0.045	0.045	0.14	0.14
7439-89-6	Iron	5380	J	0.34	0.34	1.1	1.1
7439-95-4	Magnesium	815	J	0.14	0.14	0.45	0.45

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS23**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	88.3	Lab Sample ID:	801683
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67101	Analysis Date/Time	06/04/2010 23:55
Analytical Prep Batch #:	33295	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	762		0.068	0.17	0.57	0.57
7440-50-8	Copper	21.6		0.068	0.068	0.23	0.23
7439-96-5	Manganese	41.3	J	0.018	0.023	0.057	0.059

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Sample Description: **SIS18SS24**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	85.4	Lab Sample ID:	801685
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 00:20
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	641		0.070	0.18	0.59	0.59
7440-50-8	Copper	6.1		0.070	0.070	0.23	0.23
7439-89-6	Iron	4190	J	0.35	0.35	1.2	1.2
7439-95-4	Magnesium	512	J	0.14	0.14	0.47	0.47
7439-96-5	Manganese	31.9	J	0.019	0.023	0.059	0.061

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Sample Description: **SIS18SS24**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	85.4	Lab Sample ID:	801685
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	10.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 03:11
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4270		0.47	0.47	1.4	1.4

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Sample Description: **SIS18SS25**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	60.8	Lab Sample ID:	801709
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 01:04
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	3390		0.099	0.25	0.82	0.82
7440-50-8	Copper	223		0.099	0.099	0.33	0.33
7439-96-5	Manganese	190	J	0.026	0.033	0.082	0.086

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Sample Description: **SIS18SS25**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	60.8	Lab Sample ID:	801709
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 03:23
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	7690		0.066	0.066	0.20	0.20
7439-89-6	Iron	8630	J	0.49	0.49	1.6	1.6
7439-95-4	Magnesium	1040	J	0.20	0.20	0.66	0.66

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS25 DUPE**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	68.0	Lab Sample ID:	801710
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 01:10
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	3020		0.088	0.22	0.74	0.74
7440-50-8	Copper	217		0.088	0.088	0.29	0.29
7439-96-5	Manganese	154	J	0.024	0.029	0.074	0.076

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Sample Description: **SIS18SS25 DUPE**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	68.0	Lab Sample ID:	801710
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 03:29
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	7280		0.059	0.059	0.18	0.18
7439-89-6	Iron	8640	J	0.44	0.44	1.5	1.5
7439-95-4	Magnesium	1040	J	0.18	0.18	0.59	0.59

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Sample Description: **SIS18SS26**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	84.8	Lab Sample ID:	801711
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 01:16
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	1020		0.071	0.18	0.59	0.59
7440-50-8	Copper	31.8		0.071	0.071	0.24	0.24
7439-96-5	Manganese	41.0	J	0.019	0.024	0.059	0.061

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Sample Description: **SIS18SS26**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	84.8	Lab Sample ID:	801711
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 03:36
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4040		0.047	0.047	0.14	0.14
7439-89-6	Iron	4920	J	0.35	0.35	1.2	1.2
7439-95-4	Magnesium	823	J	0.14	0.14	0.47	0.47

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INORGANIC ANALYSIS DATA SHEET

Sample Description: **SIS18SS27**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	86.2	Lab Sample ID:	801712
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 01:23
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	809		0.070	0.17	0.58	0.58
7440-50-8	Copper	31.0		0.070	0.070	0.23	0.23
7439-96-5	Manganese	37.7	J	0.019	0.023	0.058	0.060

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Sample Description

SIS18SS27

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	86.2	Lab Sample ID:	801712
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 03:42
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	3770		0.046	0.046	0.14	0.14
7439-89-6	Iron	4870	J	0.35	0.35	1.2	1.2
7439-95-4	Magnesium	684	J	0.14	0.14	0.46	0.46

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Sample Description

SIS18SS29

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	84.7	Lab Sample ID:	801715
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 01:35
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	578		0.070	0.17	0.58	0.58
7440-50-8	Copper	4.4		0.070	0.070	0.23	0.23
7439-96-5	Manganese	75.6	J	0.019	0.023	0.058	0.060

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Sample Description: **SIS18SS29**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	84.7	Lab Sample ID:	801715
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 03:55
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	3340		0.047	0.047	0.14	0.14
7439-89-6	Iron	4740	J	0.35	0.35	1.2	1.2
7439-95-4	Magnesium	561	J	0.14	0.14	0.47	0.47

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Sample Description: **SIS18SS30**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	79.8	Lab Sample ID:	801716
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 01:42
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	1130		0.075	0.19	0.63	0.63
7440-50-8	Copper	138		0.075	0.075	0.25	0.25
7439-96-5	Manganese	59.2	J	0.020	0.025	0.063	0.065

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Sample Description: **SIS18SS30**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	79.8	Lab Sample ID:	801716
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 04:01
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	6480		0.050	0.050	0.15	0.15
7439-89-6	Iron	8360	J	0.38	0.38	1.3	1.3
7439-95-4	Magnesium	1350	J	0.15	0.15	0.50	0.50

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Sample Description: **SIS18SS31**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	80.6	Lab Sample ID:	801718
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 01:54
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7440-70-2	Calcium	1410		0.074	0.19	0.62	0.62
7440-50-8	Copper	83.4		0.074	0.074	0.25	0.25
7439-96-5	Manganese	47.1	J	0.020	0.025	0.062	0.065

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Sample Description: **SIS18SS31**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	80.6	Lab Sample ID:	801718
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/11/2010 04:26
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	5460		0.050	0.050	0.15	0.15
7439-89-6	Iron	6730	J	0.37	0.37	1.2	1.2
7439-95-4	Magnesium	952	J	0.15	0.15	0.50	0.50

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Sample Description: **SIS18SS32**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	80.1	Lab Sample ID:	801720
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 02:19
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	4030		0.050	0.050	0.15	0.15
7440-70-2	Calcium	768		0.075	0.19	0.62	0.62
7440-50-8	Copper	26.2		0.075	0.075	0.25	0.25
7439-89-6	Iron	5960	J	0.37	0.37	1.2	1.2
7439-95-4	Magnesium	655	J	0.15	0.15	0.50	0.50
7439-96-5	Manganese	58.1	J	0.020	0.025	0.062	0.065

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Sample Description: SIS18SS32 DUPE

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Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	77.8	Lab Sample ID:	801722
Analytical Method:	EPA 6010C	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67102	Analysis Date/Time	06/05/2010 02:32
Analytical Prep Batch #:	33296	Prep. Date/Time:	05/26/2010 12:30

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
7429-90-5	Aluminum	5370		0.051	0.051	0.15	0.15
7440-70-2	Calcium	819		0.077	0.19	0.64	0.64
7440-50-8	Copper	32.5		0.077	0.077	0.26	0.26
7439-89-6	Iron	6460	J	0.39	0.39	1.3	1.3
7439-95-4	Magnesium	762	J	0.15	0.15	0.51	0.51
7439-96-5	Manganese	79.0	J	0.021	0.026	0.064	0.067

Shaw Environmental, Inc.
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Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation – Target Compound List Polychlorinated Biphenyls
CT Laboratories, Inc., SDG 79122

DATE: June 29, 2010

The purpose of this memorandum is to present the data validation report for the confirmation soil samples collected for the NBAFS RI/FS Sites on May 20, 2010 and May 21, 2010. Solid samples were analyzed for target compound list (TCL) polychlorinated biphenyls (PCBs) using USEPA SW-846 method 3545/8082. A total of seven solid samples and one rinse blank were validated. The sample Ids are:

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
SIS18SD13	801735	SIS18SD14	801740
SIS18SD12	801737	SIS18SD15	801741
SIS18SD11	801738	FIELD BLANK #2	801746
SIS18SD11DUPE	801739		

Data were reviewed by Eric Malarek and validated using a combination of project QAPP, *Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April 2009* (DoD, 2009) (DoD QSM), method-specific criteria, and laboratory SOP criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999). Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	No	
X		Holding Times and Preservation
	X	Instrument Performance Check
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analysis
X		System Monitoring Compounds
	X	Laboratory Control Sample
X		Matrix Spike/Spike Duplicate
	X	Field Duplicate
	X	Quantitation Verification

The quality of data collected in support of this sampling activity is considered acceptable with noted qualifications.

Eric Malarek, Chemist

6/29/10
Date

NBAFS RI/FS VALIDATION REPORT
TCL PCBs REVIEW
SDG 79122

I-Holding Times and Preservation
The objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of sample extraction and analysis. Holding time criteria: For solid samples, pesticide and PCB compounds are shipped cooled (@4°C ± 2°C) with a maximum holding time of 14 days (7 days for the rinse blank) from sample collection to preparative extraction and 40 days from preparative extraction to determinative analysis (USEPA criteria).

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 05/20/10 and 05/21/10 the coolers were received on 05/25/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C, 3.7°C, and 3.0°C. All criteria were met. No qualifiers were applied.

- Holding Time Review: The solid samples were collected on 05/21/10. The TCL PCB soil samples were extracted on 06/08/10 and analyzed on 06/14/10. The TCL PCB rinse blank sample was extracted on 05/25/10 and analyzed on 06/07/10. Sample collection dates may be found on the attached form 1s. All of the TCL PCB soil samples were extracted 4 days beyond established holding times and were qualified estimated "J" for detects and "UJ" for non-detects based upon this outlier. All criteria were met for the rinse blank sample.

II-Instrument Performance Check (Degradation Standard)
Performance checks on the gas chromatograph with electron capture detector (GC/ECD) system are performed to ensure adequate resolution and instrument sensitivity. The performance evaluation mixture (PEM) must be analyzed at the beginning of the analytical sequence. The breakdown of Endrin and 4,4'-DDT must be ≤15% on both signals.

- For analysis performed on 04/26/10 @10:10, endrin and 4,4'-DDT percent breakdowns were 6.95% and 7.82%. All criteria were met. No qualifiers were applied.

- For analysis performed on 04/27/10 @05:22, endrin and 4,4'-DDT percent breakdowns were 8.21% and 9.20%. All criteria were met. No qualifiers were applied.

- For analysis performed on 04/29/10 @12:12, endrin and 4,4'-DDT percent breakdowns were 2.52% and 4.94%. All criteria were met. No qualifiers were applied.

- For analysis performed on 04/29/10 @08:58, endrin and 4,4'-DDT percent breakdowns were 2.41% and 3.09%. All criteria were met. No qualifiers were applied.

III-Initial Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for the target compounds. The initial 5 point calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run. Calibration factors are generated for each compound. The DoD QSM specifies that the percent relative standard deviation (%RSD) for all single peak target analytes, and aroclors 1016, 1242, 1254, and 1260 must be <20% or the mean %RSD for all analytes in the standard must be ≤20%. If linear regression is used, the correlation coefficient must be ≥0.995.

- For the PCB initial calibration performed on 03/09/10 on instrument Semi 7, all criteria were met. No qualifiers were applied. All TCL PCBs were calibrated using linear regression with correlation coefficients >0.995 for both the front and rear detectors. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), SIS18SD15 (801741), and FIELD BLANK #2 (801746) were analyzed using this initial calibration.

IV-Continuing Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for pesticide/PCB target compounds. Continuing calibration standards containing both target compounds and surrogates are analyzed at the beginning of each 12-hour analytical shift and after every 20 samples. The DoD QSM specifies that the percent difference (%D) or the average %Ds for all analytes in the standard from the initial calibration should be no greater than ±20%.

- For PCB 1221 initial calibration verification performed on 03/09/10 @19:30 on instrument Semi 7, all criteria were met for all target compounds. No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For PCB 1232 initial calibration verification performed on 03/09/10 @19:39 on instrument Semi 7, all criteria were met for all target compounds. No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For PCB 1242 initial calibration verification performed on 03/09/10 @19:47 on instrument Semi 7, all criteria were met for all target compounds. No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For PCB 1248 initial calibration verification performed on 03/09/10 @19:56 on instrument Semi 7, all criteria were met for all target compounds. No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For PCB 1254 initial calibration verification performed on 03/09/10 @20:05 on instrument Semi 7, all criteria were met for all target compounds. No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For PCB 1262 initial calibration verification performed on 03/09/10 @20:14 on instrument Semi 7, all criteria were met for all target compounds. No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For PCB 1268 initial calibration verification performed on 03/09/10 @20:23 on instrument Semi 7, all criteria were met for all target compounds. No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For PCB 1016/1260 initial calibration verification performed on 03/10/10 @11:49 on instrument Semi 7, all criteria were met for all target compounds. No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For PCB 1016/1260 continuing calibration performed on 06/07/10 @12:42 on instrument Semi 7, all criteria were met. No qualifiers were applied. No samples reported were analyzed using this continuing calibration.

- For PCB 1016/1260 continuing calibration performed on 06/07/10 @15:17 on instrument Semi 7, all criteria were met. No qualifiers were applied. No samples reported were analyzed using this continuing calibration.

- For PCB 1016/1260 continuing calibration performed on 06/07/10 @16:18 on instrument Semi 7, all criteria were met. No qualifiers were applied. Sample FIELD BLANK #2 (801746) was analyzed using this continuing calibration.

- For PCB 1016/1260 continuing calibration performed on 06/14/10 @08:43 on instrument Semi 7, all criteria were met. No qualifiers were applied. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), and SIS18SD15 (801741) were analyzed using this continuing calibration.

- For PCB 1016/1260 continuing calibration performed on 06/14/10 @10:59 on instrument Semi 7, all criteria were met. No qualifiers were applied. No samples reported were analyzed using this continuing calibration.

V-Blank Analysis

The purpose of laboratory or field blank analyses is to determine the existence and magnitude of contamination problems resulting from laboratory or field activities. One method blank per analytical batch must be run on each instrument used to analyze samples. The DoD QSM criterion specifies all concentrations should be less than one-half MRL. Positive sample results are reported and qualified "U", if the concentration of the compound in the sample is ≤5 times (5X) the maximum amount for PCB target compounds. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor of one and for solid matrices were converted to soil values (soil conversion factor = 33) if needed. The rinse blank FIELD BLANK #2 (801746) applies to all soil samples collected on 05/20/10 and 05/21/10.

Table 2 Blank Contamination Analysis Summary

Parameter	Analysis Date	QC Blank ID	Compound	Max Conc. µg/L	Action Level µg/L	U qualified samples (for this SDG)
TCL PCBs	06/07/10	MB-801912	All target <½MRL	NA	NA	None
Parameter	**Analysis Date**	**QC Blank ID**	**Compound**	**Max Conc. µg/kg**	**Action Level µg/kg**	**U qualified samples (for this SDG)**
TCL PCBs	06/14/10	MB-806962	All target <½MRL	NA	NA	None
TCL PCBs	06/07/10	FIELD BLANK #2	All target <½MRL	NA	NA	None

NA = Not Applicable
MRL = Method Reporting Limit

VI-System Monitoring Compound (Surrogates)
Laboratory performance on individual samples is evaluated through the review of surrogate spike samples. Surrogate spikes are added to all samples and blanks to measure their recovery in sample and blank matrices. The percent recoveries (%Rs) must be within the specified control limits. DoD surrogate recovery limits are specified in Table G-3 of the DoD QSM (DoD, 2009). If the surrogate is not listed, then the laboratory criteria shall be used.

PCBs Solid Criteria: Decachlorobiphenyl: 60-125% (DoD QSM 60-125%)

- For sample SIS18SD12 (801737), surrogate decachlorobiphenyl (41%) was outside criteria. All target PCBs were non-detect and were qualified estimated "UJ" based upon this outlier.

- For sample SIS18SD11 (801738), surrogate decachlorobiphenyl (49%) was outside criteria. All target PCBs were non-detect and were qualified estimated "UJ" based upon this outlier.

- For sample SIS18SD11DUPE (801739), surrogate decachlorobiphenyl (40%) was outside criteria. All target PCBs were non-detect and were qualified estimated "UJ" based upon this outlier.

- For sample SIS18SD15 (801741), surrogate decachlorobiphenyl (16%) was outside criteria. All target PCBs were non-detect and were qualified estimated "UJ" based upon this outlier.

- For all other PCB samples, all criteria were met.

VII-Laboratory Control Sample
Laboratory control samples (LCS) are used to monitor laboratory accuracy by calculating the percent recoveries of the spiked compounds. All LCS percent recoveries must be within the specified control limits. DoD QSM solid LCS recovery limits are specified in Table G-15 and Table G-17 of the DoD QSM (DoD, 2009). If the compound is not listed, then the laboratory criteria shall be used.

- Samples LCS-806963 was used as the solid LCS for the PCB analysis on 06/14/10. All criteria were met. No qualifiers were applied. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), SIS18SD15 (801741), and FIELD BLANK #2 (801746) apply to this LCS/LCSD.

VIII-Matrix Spike/Matrix Spike Duplicate
Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The percent recoveries (%Rs) and the relative percent difference (RPD) must be within the specified control limits. DoD solid MS/MSD recovery limits follow the LCS criteria and are specified in Table G-15 and Table G-17 of the DoD QSM (DoD, 2009). If the compound is not listed, then the laboratory criteria shall be used. The DoD QSM solid precision limit for pesticides and PCBs is ≤30% RPD.

- Sample SIS18SD13 (801735) was used as solid PCB 1016/1260 MS/MSD for the 06/01/10 run. All criteria were met. No qualifiers were applied. No reported soil samples apply to this MS/MSD.

- Sample SIS18SD13 (801735) was used as solid 1016/1260 MS/MSD for the 06/14/10 run. PCB 1260 (40%; RPD=174%) and PCB 1016 (RPD=173%) were outside criteria limits. PCB 1016 and PCB 1260 were non-detect for the spiked sample and was qualified "UJ" based upon the low recovery/high RPDs. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), SIS18SD15 (801741), and FIELD BLANK #2 (801746) apply to this MS/MSD.

IX-Field Duplicate Sample Analysis
Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 50% RPD for the solid samples.

- Field soil sample duplicate pair SIS18SD11 (801738) and SIS18SD11DUPE (801739) was collected for TCL PCBs. All TCL PCBs were non-detect in the original and duplicate pair samples. All criteria were met. No qualifiers were applied.

X-Quantitation Verification
The accuracy of analytical results was verified through the calculation of several parameters. The difference between the calculated value and the reported value must be within 10% difference. All positive values must have less than or equal to 40% %RPD between the primary and secondary columns. Any sample value >MDL and <MRL or <3*MDL (whichever is greater) was qualified as estimated, "J."

- All TCL PCBs were non-detect for all associated samples. No confirmations were required.

Sample: LCS-806963, PCB 1260

PCB 1260 (mg/kg) = (X mg/kg from software calculation) * (DF) / (Fraction Solids)
Average concentration = 0.455 mg/kg * (1) / (1.000) = 0.455 mg/kg = 455 µg/kg Wet Weight

Reported Value = 455 µg/kg
% Difference = 0.0%
Values were within 10% difference.

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

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Sample Description: **SIS18SD13**

1D-2

PCB ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.06 (g/L)	CTL Sample ID:	801735
% Solids:	23.5	Date Received:	05/25/2010
Conc. Extract Vol:	10.0 (mL)	Date/Time Prepared:	06/08/2010 / 11:00
Analytical Method:	EPA 8082A	Analytical Prep Batch #	33459
Analytical Run #:	67511	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, , ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
12674-11-2	Aroclor-1016	06/14/2010 10:07	210	U	UJ	42	210
11104-28-2	Aroclor-1221	06/14/2010 10:07	280	U	UJ	85	280
11141-16-5	Aroclor-1232	06/14/2010 10:07	380	U	UJ	110	380
53469-21-9	Aroclor-1242	06/14/2010 10:07	410	U	UJ	120	410
12672-29-6	Aroclor-1248	06/14/2010 10:07	410	U	UJ	120	410
11097-69-1	Aroclor-1254	06/14/2010 10:07	320	U	UJ	97	320
11096-82-5	Aroclor-1260	06/14/2010 10:07	210	U	M,Y UJ	51	210

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CT LABORATORIES
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Sample Description: **SIS18SD12**

1D-2

PCB ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.98 (g/L)	CTL Sample ID:	801737
% Solids:	14.8	Date Received:	05/25/2010
Conc. Extract Vol:	10.0 (mL)	Date/Time Prepared:	06/08/2010 / 11:00
Analytical Method:	EPA 8082A	Analytical Prep Batch #	33459
Analytical Run #:	67511	Dilution Factor:	1.00
Cleanup Date/Time/Type:	,	,	,
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/kg	

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
12674-11-2	Aroclor-1016	06/14/2010	09:22	340	U	UJ	68	340
11104-28-2	Aroclor-1221	06/14/2010	09:22	450	U	UJ	140	450
11141-16-5	Aroclor-1232	06/14/2010	09:22	610	U	UJ	180	610
53469-21-9	Aroclor-1242	06/14/2010	09:22	650	U	UJ	200	650
12672-29-6	Aroclor-1248	06/14/2010	09:22	660	U	UJ	200	660
11097-69-1	Aroclor-1254	06/14/2010	09:22	510	U	UJ	160	510
11096-82-5	Aroclor-1260	06/14/2010	09:22	340	U	UJ	81	340

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CT LABORATORIES
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Sample Description: **SIS18SD11**

1D-2

PCB ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801738
% Solids:	12.6	Date Received:	05/25/2010
Conc. Extract Vol:	10.0 (mL)	Date/Time Prepared:	06/08/2010 / 11:00
Analytical Method:	EPA 8082A	Analytical Prep Batch #	33459
Analytical Run #:	67511	Dilution Factor:	1.00
Cleanup Date/Time/Type:	,	,	,
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
12674-11-2	Aroclor-1016	06/14/2010	09:31	400	U	UJ	79	400
11104-28-2	Aroclor-1221	06/14/2010	09:31	520	U	UJ	160	520
11141-16-5	Aroclor-1232	06/14/2010	09:31	710	U	UJ	210	710
53469-21-9	Aroclor-1242	06/14/2010	09:31	760	U	UJ	230	760
12672-29-6	Aroclor-1248	06/14/2010	09:31	770	U	UJ	230	770
11097-69-1	Aroclor-1254	06/14/2010	09:31	600	U	UJ	180	600
11096-82-5	Aroclor-1260	06/14/2010	09:31	400	U	UJ	95	400

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Sample Description: **SIS18SD11 DUPE**

1D-2
PCB ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.99 (g/L)	CTL Sample ID:	801739
% Solids:	15.0	Date Received:	05/25/2010
Conc. Extract Vol:	10.0 (mL)	Date/Time Prepared:	06/08/2010 / 11:00
Analytical Method:	EPA 8082A	Analytical Prep Batch #	33459
Analytical Run #:	67511	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, , ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
12674-11-2	Aroclor-1016	06/14/2010	09:40	330	U	UJ	67	330
11104-28-2	Aroclor-1221	06/14/2010	09:40	440	U	UJ	130	440
11141-16-5	Aroclor-1232	06/14/2010	09:40	600	U	UJ	180	600
53469-21-9	Aroclor-1242	06/14/2010	09:40	640	U	UJ	190	640
12672-29-6	Aroclor-1248	06/14/2010	09:40	650	U	UJ	190	650
11097-69-1	Aroclor-1254	06/14/2010	09:40	510	U	UJ	150	510
11096-82-5	Aroclor-1260	06/14/2010	09:40	330	U	UJ	80	330

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Sample Description: SIS18SD14

1D-2
PCB ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801740
% Solids:	15.8	Date Received:	05/25/2010
Conc. Extract Vol:	10.0 (mL)	Date/Time Prepared:	06/08/2010 / 11:00
Analytical Method:	EPA 8082A	Analytical Prep Batch #	33459
Analytical Run #:	67511	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, , ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/kg	

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
12674-11-2	Aroclor-1016	06/14/2010	09:49	320	U	UJ	63	320
11104-28-2	Aroclor-1221	06/14/2010	09:49	420	U	UJ	130	420
11141-16-5	Aroclor-1232	06/14/2010	09:49	570	U	UJ	170	570
53469-21-9	Aroclor-1242	06/14/2010	09:49	610	U	UJ	180	610
12672-29-6	Aroclor-1248	06/14/2010	09:49	610	U	UJ	180	610
11097-69-1	Aroclor-1254	06/14/2010	09:49	480	U	UJ	150	480
11096-82-5	Aroclor-1260	06/14/2010	09:49	320	U	UJ	76	320

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CT LABORATORIES
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Sample Description: SIS18SD15

1D-2
PCB ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.01 (g/L)	CTL Sample ID:	801741
% Solids:	6.3	Date Received:	05/25/2010
Conc. Extract Vol:	10.0 (mL)	Date/Time Prepared:	06/08/2010 / 11:00
Analytical Method:	EPA 8082A	Analytical Prep Batch #	33459
Analytical Run #:	67511	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, , ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
12674-11-2	Aroclor-1016	06/14/2010	09:58	790	U	UJ	160	790
11104-28-2	Aroclor-1221	06/14/2010	09:58	1000	U	UJ	320	1000
11141-16-5	Aroclor-1232	06/14/2010	09:58	1400	U	UJ	430	1400
53469-21-9	Aroclor-1242	06/14/2010	09:58	1500	U	UJ	460	1500
12672-29-6	Aroclor-1248	06/14/2010	09:58	1500	U	UJ	460	1500
11097-69-1	Aroclor-1254	06/14/2010	09:58	1200	U	UJ	360	1200
11096-82-5	Aroclor-1260	06/14/2010	09:58	790	U	UJ	190	790

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CT LABORATORIES
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Sample Description: **FIELD BLANK #2**

1D-2
PCB ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	79122
Sample wt/vol:	1.0 (g/L)	CTL Sample ID:	801746
% Solids:		Date Received:	05/25/2010
Conc. Extract Vol:	10.0 (mL)	Date/Time Prepared:	05/25/2010 / 11:00
Analytical Method:	EPA 8082A	Analytical Prep Batch #	33294
Analytical Run #:	67233	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, , ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
12674-11-2	Aroclor-1016	06/07/2010	09:54	0.50	U	0.11	0.50
11104-28-2	Aroclor-1221	06/07/2010	09:54	0.50	U	0.085	0.50
11141-16-5	Aroclor-1232	06/07/2010	09:54	0.50	U	0.15	0.50
53469-21-9	Aroclor-1242	06/07/2010	09:54	0.50	U	0.096	0.50
12672-29-6	Aroclor-1248	06/07/2010	09:54	0.50	U	0.088	0.50
11097-69-1	Aroclor-1254	06/07/2010	09:54	0.50	U	0.094	0.50
11096-82-5	Aroclor-1260	06/07/2010	09:54	0.50	U	0.099	0.50

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Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation – Semi-Volatiles
CT Laboratories, Inc., SDG 79122

DATE: June 28, 2010

The purpose of this memorandum is to present the data validation report for the samples collected for the NBAFS RI/FS Sites on May 20, 2010 and May 21, 2010. Samples were analyzed for target compound list (TCL) semivolatile organic compounds (SVOCs) using USEPA SW846 Methods 3545/8270C for the soil sample analysis. A total of twenty-two soil samples and one rinse blank were validated. The sample Ids are:

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
SIS7SS07	801621	SIS7SB04DUPE	801633
SIS7SB07	801622	SIS18SS25	801709
SIS7SS06	801623	SIS18SS25DUPE	801710
SIS7SB06	801624	SIS18SS26	801711
SIS7SS05	801625	SIS18SS27	801712
SIS7SB05	801626	SIS18SB28	801713
SIS7SS08	801627	SIS18SS12	801724
SIS7SB08	801628	SIS18SS11	801732
SIS7SS09	801629	SIS18SS10	801733
SIS7SB09	801630	FIELD BLANK #2	801746
SIS7SS04	801631	SIS18SS09	801806
SIS7SB04	801632		

Data were reviewed and validated using a combination of project QAPP, *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April 2009* (DoD, 2009) (DoD QSM), method-specific criteria, and laboratory SOP criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999). Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	No	
	X	Holding Times and Preservation
	X	Instrument Performance Check
	X	Initial Calibration
X		Continuing Calibration
X		Blank Analysis
X		Surrogate Spikes
	X	Internal Standards
	X	Laboratory Control Sample
X		Matrix Spike/Spike Duplicate
X		Field Duplicate
X		Quantitation Verification

The quality of data collected in support of this sampling activity is considered acceptable with noted qualifications, except for the following. For samples SIS7SS04 (801631) and SIS7SB04 (801632), all acid fraction non-detects were qualified rejected "R" based upon surrogate recoveries found with less than 10% recovery (See Section VI for further details). Compound 3,3'-dichlorobenzidine was non-detect for the spiked samples SIS7SS04 (801631) and SIS7SS07 (801621) and was qualified rejected "R" based upon no recovery found in the MS or MSD (See Section IX for further details).

Eric Malarek, Chemist

6/28/10
Date

NBAFS RI/FS VALIDATION REPORT
SEMIVOLATILES REVIEW
SDG 79122

I-Holding Times and Preservation
The objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of sample extraction and analysis. All samples are cooled @4°C ± 2°C. The maximum holding time criteria for semivolatile organic compounds (SVOCs) for soil samples is 14 days (7 days for the rinse blank) from sample collection to preparative extraction and 40 days from preparative extraction to determinative analysis (USEPA criteria).

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 05/20/10 and 05/21/10 the coolers were received on 05/25/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C, 3.7°C, and 3.0°C. All criteria were met. No qualifiers were applied.

- Holding Time Review: The soil samples were collected on 05/20/10 and 05/21/10. The SVOCs were extracted on 05/26/10 and analyzed on 06/07/10 and 06/09/10 for the soil samples. The SVOCs were extracted on 05/25/10 and analyzed on 06/01/10 for the rinse blank. Sample collection dates may be found on the attached form 1s. All criteria were met. No qualifiers were applied.

II-Instrument Performance Check
GC/MS instrument performance checks are performed to ensure mass resolution, identification and, to some degree, sensitivity. The analysis of the instrument performance check solution must be performed at the beginning of each 12-hour period during which samples are analyzed.

- The instrument performance check, decafluorotriphenylphosphine (DFTPP), met the ion abundance criteria. No qualification was applied.

III-Initial Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used is capable of producing acceptable qualitative and quantitative data for reported SVOC compounds. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. The DoD QSM specifies that for compounds analyzed using linear regression or second order, correlation coefficients must be >0.995 (coefficient of determination r^2>0.99 for higher order). The minimum relative response factor (RRF) criteria must be ≥0.05. Initial calibration percent relative standard deviation (%RSD) must be ≤15% on the average for all compounds (<30% for CCCs).

- Initial calibration for the TCL SVOCs was performed on 05/11/10 on instrument SVMS1. Compounds benzoic acid (35.1%), 2,4-dinitrophenol (28.9%), 4,6-dinitro-2-methylphenol (16.7%), carbazole (18.1%), and 3,3'-dichlorobenzidine (24.3%) were outside criteria. All other target compounds were within criteria (%RSD≤15% or ≤30%; RRF≥0.05). Compounds benzoic acid (r^2=0.998; quadratic), 2,4-dinitrophenol (r^2=0.999; quadratic), 4,6-dinitro-2-methylphenol (r^2=0.999; quadratic), pentachlorophenol (r^2=0.999; quadratic), carbazole (r^2=0.998; quadratic), and 3,3'-dichlorobenzidine (r^2=0.995; quadratic) were quantified using second order regression with coefficients of determination >0.99; therefore, no qualifiers were applied based upon these outliers. Samples SIS7SS07 (801621), SIS7SB07 (801622), SIS7SS06 (801623), SIS7SB06 (801624), SIS7SS05 (801625), SIS7SB05 (801626), SIS7SS08 (801627), SIS7SS09 (801629), SIS7SB09 (801630), SIS18SS25 (801709; re-analysis), SIS7SB08 (801628; re-analysis), SIS7SB04DUPE (801633; re-analysis), and FIELD BLANK #2 (801746) were reported using this initial calibration (only the reported samples are noted for clarity).

- Initial calibration for the TCL SVOCs was performed on 06/07/10 on instrument SVMS2. Compounds n-nitroso-di-n-propylamine (17.3%), benzoic acid (32.9%), 2,4-dinitrophenol (16.8%), and 3,3'-dichlorobenzidine (34.3%) were outside criteria. All other target compounds were within criteria (%RSD≤15% or ≤30%; RRF≥0.05). Compounds n-nitroso-di-n-propylamine (r^2=0.998; quadratic), benzoic acid (r^2=0.999; quadratic), 2,4-dinitrophenol (r^2=0.999; quadratic), 4,6-dinitro-2-methylphenol (r^2=0.999; quadratic), and 3,3'-dichlorobenzidine (r^2=0.997; quadratic) were quantified using second order regression with coefficients of determination >0.99; therefore, no qualifiers were applied based upon these outliers. Samples SIS7SS04 (801631), SIS7SB04 (801632), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS12 (801724), SIS18SS11 (801732), SIS18SS10 (801733), and SIS18SS09 (801806) were reported using this initial calibration (only the reported samples are noted for clarity).

IV-Continuing Calibration

Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used was capable of producing acceptable qualitative and quantitative data for semivolatile target compounds. Continuing calibration standards containing both target and surrogates compounds are analyzed at the beginning of each 12-hour analysis period following the analysis of the instrument performance check and prior to the analysis of blanks and samples. The minimum relative response factors (RRF) for semivolatile target compounds and surrogates must be ≥0.05. The DoD QSM specifies that the percent difference (%D) between the initial calibration RRF and the continuing calibration RRF must be within ±20% for all target compounds.

- For initial calibration verification performed on 05/11/10 @12:30 on instrument SVMS1, all target compounds were within criteria (80-100% recovery). No samples were reported using this initial calibration verification.

- For initial calibration verification performed on 05/11/10 @12:50 on instrument SVMS1, all target compounds were within criteria (80-100% recovery). No samples were reported using this initial calibration verification.

- For initial calibration verification performed on 06/07/10 @16:04 on instrument SVMS2, all target compounds were within criteria (80-100% recovery). No samples were reported using this initial calibration verification.

- For initial calibration verification performed on 06/07/10 @16:25 on instrument SVMS2, all target compounds were within criteria (80-100% recovery). No samples were reported using this initial calibration verification.

- For continuing calibration performed on 06/01/10 @10:10 on instrument SVMS1, target compound 3,3'-dichlorobenzidine (33.5%) for the RRF was outside criteria; however, this compound was quantified using quadratic equation and the percent drift for this compound was <20%. No qualifiers were applied based upon this outlier. All other target compounds were within criteria (%D≤20%; %Drift≤20%; RRF≥0.05). Sample FIELD BLANK #2 (801746) applies to this continuing calibration.

- For continuing calibration performed on 06/07/10 @14:01 on instrument SVMS1, target compound 2,4-dinitrophenol (-25.4%) was quantified using quadratic equation and outside %drift criteria (%D≤20%; %Drift≤20%; RRF≥0.05). Benzoic acid (-21.8%), 2,4-dinitrophenol (-39.1%), 4,6-dinitro-2-methylphenol (-26.0%) RRFs were outside criteria; however, these compounds were quantified using quadratic equations and the percent drifts were <20% for benzoic acid and 4,6-dinitro-2-methylphenol. All other target compounds were within criteria (%D≤20%; %Drift≤20%; RRF≥0.05). 2,4-Dinitrophenol was qualified "J" for detects and "UJ" for non-detects based upon the high %Drift. Samples SIS7SS06 (801623), SIS7SB06 (801624), SIS7SS05 (801625), SIS7SB05 (801626), SIS7SS08 (801627), SIS7SS09 (801629), and SIS7SB09 (801630) apply to this continuing calibration. Sample SIS7SB08 (801628) was reported using the 06/09/10 re-analysis run.

- For continuing calibration performed on 06/07/10 @14:41 on instrument SVMS2, all target compounds were within criteria (%D≤20%; %Drift≤20%; RRF≥0.05). No qualifiers were applied. All other target compounds were within criteria Samples SIS7SS04 (801631), SIS7SB04 (801632), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS12 (801724), SIS18SS11 (801732), SIS18SS10 (801733), and SIS18SS09 (801806) apply to this continuing calibration. Samples SIS7SB04DUPE (801633) and SIS18SS25 (801709) were reported using the 06/09/10 re-analysis run.

- For continuing calibration performed on 06/08/10 @14:11 on instrument SVMS1, target compounds 2,4-dinitrophenol (-24.0%), carbazole (-21.0%), and 3,3'-dichlorobenzidine (-42.8%) were quantified using quadratic equations and were outside %drift criteria (%D≤20%; %Drift≤20%; RRF≥0.05). 4-chloroaniline (-21.9%) was quantified using RRF and was outside criteria. Target compound 2,4-dinitrophenol (-37.4%) RRF was outside criteria; however, this compound was quantified using quadratic equation. Target compound 4-chloroaniline (-22.1%) was outside % drift criteria; however, was quantified using RRF technique. All other target compounds were within criteria (%D≤20%; %Drift≤20%; RRF≥0.05). Samples SIS7SS04 (801631) and SIS7SB04 (801632) were reported using the 06/07/10 original run; therefore, no qualifiers were applied based upon these outliers.

- For continuing calibration performed on 06/09/10 @09:47 on instrument SVMS1, target compound 3,3'-dichlorobenzidine (-40.3%) was quantified using quadratic equations and was outside %drift criteria (%D≤20%; %Drift≤20%; RRF≥0.05). Target compound 2,4-dinitrophenol (-22.6%) for the RRF was outside criteria; however, this compound was quantified using quadratic equation. All other target compounds were within criteria (%D≤20%; %Drift≤20%; RRF≥0.05). Target compound 3,3'-dichlorobenzidine was qualified "J" for detects and "UJ" for non-detects based upon the high %Drift. Samples SIS7SS07 (801621), SIS7SB07 (801622), SIS18SS25 (801709; re-analysis), SIS7SB08 (801628; re-analysis), and SIS7SB04DUPE (801633; re-analysis) apply to this continuing calibration. Samples SIS7SS08 (801627), SIS7SS09 (801629), SIS7SB09 (801630), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS10 (801733), and SIS18SS09 (801806) were reported using the original samples in the 06/07/10 run.

- For continuing calibration performed on 06/14/10 @09:54 on instrument SVMS1, target compounds benzyl alcohol (23.7%), bis(2-chloro)isopropyl ether (-22.3%), and 2-nitroaniline (-26.2%) were quantified using RRF technique with %Ds exceeding criteria. All other target compounds were within criteria (%D≤20%; %Drift≤20%; RRF≥0.05). Sample SIS7SS06 (801623) was reported using the original sample in the 06/07/10 run; therefore, no qualifiers were applied based upon these outliers.

V-Blank Analysis

The purpose of blank analyses is to determine the presence and magnitude of contamination problems resulting from field and laboratory activities. A method blank analysis must be performed after the calibration standards and once every 12-hour time period beginning with the injection of DFTPP. No contaminants should be detected in any of the associated blanks >MDL. DoD QSM criteria specifies all concentrations should be less than one-half MRL (<MRL for common laboratory contaminants methylene chloride, acetone, 2-butanone, and phthalate esters). Positive sample results are reported and qualified "U", if the concentration of the compound in the sample is ≤10 times (10x) the maximum amount in any blank for the common laboratory contaminants phthalate esters, or 5 times (5X) the maximum amount for other semivolatile target compounds. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor of one. For the soil samples, the action levels are based upon 100% solids and were converted to soil values (soil conversion factor = 33 [1000mL→30g]). The rinse blank FIELD BLANK #2 (801746) applies to all soil samples collected on 05/20/10 and 05/21/10.

Table 2 Blank Contamination Analysis Summary

Analysis Date	QC Blank ID	Compound	Max Conc. µg/L	Action Level µg/L	U qualified samples (For this SDG)
06/01/10	MB-801906	Bis(2-ethylhexyl)phthalate	1.3B	13	None (Only Soil Samples)
06/01/10	MB-801906	Butylbenzylphthalate	0.12B	1.2	None (Only Soil Samples)
06/01/10	MB-801906	Dimethyl phthalate	0.114B	1.14	None (Only Soil Samples)
06/01/10	MB-801906	Di-n-butyl phthalate	0.89B	8.9	None (Only Soil Samples)
Analysis Date	**QC Blank ID**	**Compound**	**Max Conc. µg/kg**	**Action Level µg/kg**	**U qualified samples (For this SDG)**
06/07/10	MB-802158	Bis(2-ethylhexyl)phthalate	46.7	467	SIS18SB28, SIS18SS09, SIS18SS10, SIS18SS11, SIS18SS25DUPE, SIS18SS26, SIS18SS27, SIS7SB04, SIS7SB05, SIS7SB06, SIS7SB09, SIS7SS04, SIS7SS05, SIS7SS06, SIS7SS08, SIS7SS09
06/08/10	MB-802163	Bis(2-ethylhexyl)phthalate	65.8	658	SIS18SS25, SIS7SB04DUPE, SIS7SB07, SIS7SB08, SIS7SS07
06/01/10	FIELD BLANK #2	Naphthalene	2.41J	12.1	None
06/01/10	FIELD BLANK #2	Diethyl phthalate	10.6J	106	None
06/01/10	FIELD BLANK #2	Dimethyl phthalate	13.2JB	132	None

J = Estimated value <MRL and >MDL.
B = Analyte detected in associated method blank.

VI-Surrogate Spikes

Laboratory performance on individual samples is evaluated through the review of surrogate spike samples. Surrogate spikes are added to all samples and blanks to measure their recovery in sample and blank matrices. The percent recoveries (%Rs) must be within the specified control limits.

Soil Criteria: 2,4,6-Tribromophenol (35-125%) – S3 (DoD QSM Criteria: 35-125%)
2-Fluorobiphenyl (45-105%) – S5 (DoD QSM Criteria: 45-105%)
2-Fluorophenol (35-105%) – S1 (DoD QSM Criteria: 35-105%)
Nitrobenzene-d5 (35-100%) – S4 (DoD QSM Criteria: 35-100%)
Phenol-d5 (40-100%) – S2 (DoD QSM Criteria: 40-100%)
p-Terphenyl – d14 (30-125%) – S6 (DoD QSM Criteria: 30-125%)

- For sample SIS7SS06 (801623), phenol-d5 (38%) was outside criteria for the 06/07/10 run due to matrix interference. All other surrogates were within criteria limits. Since only one acid fraction surrogate was outside criteria; no qualifiers were applied based upon this outlier.

- For sample SIS7SS08 (801627), 2,4,6-tribromophenol (11%), 2-fluorobiphenyl (17%), 2-fluorophenol (12%), nitrobenzene-d5 (19%), phenol-d5 (20%), and p-terphenyl (16%) were outside criteria for the 06/07/10 run due to matrix interference. All acid fraction and base/neutral fraction detects were qualified "J" and non-detects "UJ" based upon these outliers.

- For sample SIS7SB08 (801628), 2-fluorophenol (32%) was outside criteria for the 06/07/10 run due to matrix interference. All other surrogates were within criteria limits. Since only one acid fraction surrogate was outside criteria; no qualifiers were applied based upon this outlier.

- For sample SIS7SS09 (801629), 2,4,6-tribromophenol (28%), 2-fluorophenol (19%), and phenol-d5 (37%) were outside criteria for the 06/07/10 run due to matrix interference. All acid fraction detects were qualified "J" and non-detects "UJ" based upon these outliers.

- For sample SIS7SB09 (801630), 2-fluorophenol (34%) was outside criteria for the 06/07/10 run due to matrix interference. All other surrogates were within criteria limits. Since only one acid fraction surrogate was outside criteria; no qualifiers were applied based upon this outlier.

- For sample SIS7SS04 (801631), 2,4,6-tribromophenol (25%), 2-fluorobiphenyl (43%), 2-fluorophenol (2%), and phenol-d5 (10%) were outside criteria for the 06/09/10 run due to matrix interference. Since only one base/neutral fraction surrogate was outside criteria; no qualifiers were applied based upon this outlier. All acid fraction detects were qualified "J" and non-detects "R" based upon these outliers.

- For sample SIS7SB04 (801632), 2,4,6-tribromophenol (29%), 2-fluorophenol (5%), and phenol-d5 (19%) were outside criteria for the 06/09/10 run due to matrix interference. All acid fraction detects were qualified "J" and non-detects "R" based upon these outliers.

- For sample SIS7SB04DUPE (801633), 2-fluorophenol (22%) and phenol-d5 (38%) were outside criteria for the 06/09/10 run due to matrix interference. All acid fraction detects were qualified "J" and non-detects "UJ" based upon these outliers.

- For sample SIS18SS25 (801709), 2-fluorobiphenyl (44%), 2-fluorophenol (20%), and phenol-d5 (27%) were outside criteria for the 06/09/10 run due to matrix interference. Since only one base/neutral fraction surrogate was outside criteria; no qualifiers were applied based upon this outlier. All acid fraction detects were qualified "J" and non-detects "UJ" based upon these outliers.

- For sample SIS18SS25DUPE (801710), 2,4,6-tribromophenol (19%), 2-fluorobiphenyl (21%), 2-fluorophenol (14%), nitrobenzene-d5 (23%), phenol-d5 (18%), and p-terphenyl (24%) were outside criteria for the 06/09/10 run due to matrix interference. All acid fraction and base/neutral fraction detects were qualified "J" and non-detects "UJ" based upon these outliers.

- For sample SIS18SS27 (801712), 2,4,6-tribromophenol (14%), 2-fluorobiphenyl (26%), 2-fluorophenol (27%), nitrobenzene-d5 (25%), phenol-d5 (29%), and p-terphenyl (24%) were outside criteria for the 06/09/10 run due to matrix interference. All acid fraction and base/neutral fraction detects were qualified "J" and non-detects "UJ" based upon these outliers.

- For sample SIS18SB28 (801713), 2,4,6-tribromophenol (17%), 2-fluorobiphenyl (25%), 2-fluorophenol (19%), nitrobenzene-d5 (28%), phenol-d5 (21%), and p-terphenyl (24%) were outside criteria for the 06/09/10 run due to matrix interference. All acid fraction and base/neutral fraction detects were qualified "J" and non-detects "UJ" based upon these outliers.

- For sample SIS18SS10 (801733), 2,4,6-tribromophenol (26%), 2-fluorobiphenyl (29%), 2-fluorophenol (27%), nitrobenzene-d5 (29%), and phenol-d5 (26%) were outside criteria for the 06/09/10 run due to matrix interference. All acid fraction and base/neutral fraction detects were qualified "J" and non-detects "UJ" based upon these outliers.

- For sample SIS18SS09 (801806), 2,4,6-tribromophenol (31%) was outside criteria for the 06/09/10 run due to matrix interference. All other surrogates were within criteria limits. Since only one acid fraction surrogate was outside criteria; no qualifiers were applied based upon this outlier.

- For all other samples, all criteria were met for all runs.

VII-Internal Standards
Internal standards performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run. Internal standard area counts for samples and blanks must not vary by more than a factor of two (-50% to +100%) from the associated calibration standard. The retention time of the internal standards in samples and blanks must not vary by more than ±30 seconds from the retention time of the associated calibration standard.

- All criteria were met. No qualifiers were applied.

VIII-Laboratory Control Sample
Laboratory control samples (LCS) are used to monitor laboratory accuracy by calculating the percent recoveries of the spiked compounds. All LCS percent recoveries must be within the specified control limits. DoD LCS solid recovery limits are specified in Table D-2 and Table D-7 of the DoD QSM (DoD, 2006). The DoD QSM LCS criterion for non-listed SVOCs is to use current laboratory in-house limits or QAPP limits.

- Sample LCS801907 was used as the aqueous LCS for the SVOC analysis on 06/01/10. Target compounds 3,3'-dichlorobenzidine (172%) and carbazole (128%) were outside criteria. For all other target compounds, all criteria were met. Target compounds 3,3'-dichlorobenzidine and carbazole were non-detect for all associated samples; therefore, no qualifiers were applied based upon these outliers. Sample FIELD BLANK #2 (801746) applies to this LCS.

- Sample LCS802159 was used as the solid LCS for the SVOC analysis on 06/07/10. All criteria were met for all target compounds. No qualifiers were applied. Samples SIS7SS06 (801623), SIS7SB06 (801624), SIS7SS05 (801625), SIS7SB05 (801626), SIS7SS08 (801627), SIS7SS09 (801629), SIS7SB09 (801630), SIS7SS04 (801631), SIS7SB04 (801632), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS12 (801724), SIS18SS11 (801732), SIS18SS10 (801733), and SIS18SS09 (801806) apply to this LCS.

- Sample LCS802164 was used as the solid LCS for the SVOC analysis on 06/09/10. All criteria were met for all target compounds. No qualifiers were applied. Samples SIS7SS07 (801621), SIS7SB07 (801622), SIS7SB04DUPE (801633), SIS7SB08 (801628), and SIS18SS25 (801709) apply to this LCS.

IX-Matrix Spike/Matrix Spike Duplicate
Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The percent recoveries (%Rs) and the relative percent difference (RPD) must be within the specified control limits. DoD MS and MSD soil recovery limits use the LCS criteria specified in Table G-2 and Table G-7 of the DoD QSM (DoD, 2009). The DoD MS/MSD precision RPD criteria is ≤30% for soil matrices. The DoD QSM LCS criterion for non-listed SVOCs is to use current laboratory in-house limits or QAPP limits.

- Since the only aqueous sample for this SDG is a rinse blank FIELD BLANK #2 (801746); the aqueous MS/MSD was not evaluated.

- Sample SIS7SS04 (801631) was used for the soil MS/MSD analysis on 06/07/10. Target compounds 4-chloroaniline (7.0%; 8.0%), 2,4,6-trichlorophenol (42%), 2,4-dimethylphenol (8.0%; 7.0%), 2,4-dichlorophenol (44%), anthracene (49%; 54%), 2-methylphenol (22%; 26%), 4-methylphenol (33%; 38%), n-nitrosodiphenylamine (33%; 35%), benzo(a)pyrene (49%), acenaphthylene (43%), 3,3'-dichlorobenzidine (0.0%; 0.0%), chrysene (53%), and fluoranthene (54%) were outside criteria limits. For all other target compounds, all criteria were met. The associated LCS was within the recovery limits for all target compounds for the 06/07/10 run. Compounds 4-chloroaniline, 2,4,6-trichlorophenol, 2,4-dimethylphenol, 2,4-dichlorophenol, anthracene, 2-methylphenol, 4-methylphenol, n-nitrosodiphenylamine, benzo(a)pyrene, acenaphthylene, chrysene, and fluoranthene were qualified estimated "J" for detects and "UJ" for non-detects based upon these outliers for the spiked sample. Compound 3,3'-dichlorobenzidine was non-detect for the spiked sample and was qualified rejected "R" based upon no recovery found in the MS or MSD. Samples SIS7SS06 (801623), SIS7SB06 (801624), SIS7SS05 (801625), SIS7SB05 (801626), SIS7SS08 (801627), SIS7SS09 (801629), SIS7SB09 (801630), SIS7SS04 (801631), SIS7SB04 (801632), SIS18SS25DUPE (801710), SIS18SS26 (801711), SIS18SS27 (801712), SIS18SB28 (801713), SIS18SS12 (801724), SIS18SS11 (801732), SIS18SS10 (801733), and SIS18SS09 (801806) apply to this MS/MSD.

- Sample SIS7SS07 (801621) was used for the soil MS/MSD analysis on 06/09/10. Target compounds 3,3'-dichlorobenzidine (0.0%; 0.0%), 4-chloroaniline (6.0%; 7.0%), benzo(g,h,i)perylene (24%; 19%), benzoic acid (RPD=48%), indeno(1,2,3-cd)pyrene (31%; 25%), and dibenzo(a,h)anthracene (35%; 29%) were outside criteria limits. For all other target compounds, all criteria were met. The associated LCS was within the recovery limits for all target compounds for the 06/09/10 run. Compounds 4-chloroaniline, benzo(g,h,i)perylene, indeno(1,2,3-cd)pyrene, and dibenzo(a,h)anthracene were qualified estimated "J" for detects and "UJ" for non-detects based upon these outliers for the spiked sample. Compound 3,3'-dichlorobenzidine was non-detect for the spiked sample and was qualified rejected "R" based upon no recovery found in the MS or MSD. Benzoic acid was detected for the spiked sample; therefore, was qualified estimated "J" based upon the high RPD. Samples SIS7SS07 (801621), SIS7SB07 (801622), SIS7SB08 (801628), SIS7SB04DUPE (801633), and SIS18SS25 (801709) apply to this MS/MSD.

X-Field Duplicate Sample Analysis
Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 50% RPD for the soil samples.

- Field soil sample duplicate pair SIS18SS25 (801709) and SIS18SS25DUPE (801710) was collected for SVOCs. All detected compounds found in the sample and its duplicate pair and associated RPD are noted in **Table 3**. Target compounds benzo(b)fluoranthene, pyrene, fluoranthene, di-n-butyl phthalate, indeno(1,2,3-cd)pyrene, phenanthrene, bis(2-ethylhexyl) phthalate, benzo(a)anthracene, benzoic acid, and chrysene were detected in the duplicate pair and evaluated in the duplicate assessment. Benzo(a)pyrene and butylbenzyl phthalate were detected below the MRL in the original sample and non-detect in the duplicate pair sample; therefore, not used in the duplicate assessment. Benzo(b)fluoranthene (98.1%), pyrene (98.1%), fluoranthene (96.3%), indeno(1,2,3-cd)pyrene (58.3%), phenanthrene (89.6%), benzo(a)anthracene (53.2%), and chrysene (121%) were qualified estimated "J" for detects based upon the high RPDs due to sample in-homogeneity and/or matrix interferences. All other SVOC target compounds were non-detect for the duplicate pair.

Table 3 Field Precision Hits Analysis Summary for SVOCs for Duplicate Pair SIS18SS25 (801709) and SIS18SS25DUPE (801710)

Compound	Original Sample (µg/kg)	Duplicate Pair (µg/kg)	RPD
Benzo(b)fluoranthene	120J	41J	98.1
Pyrene	120J	41J	98.1
Fluoranthene	140J	49J	96.3
Di-n-butyl phthalate	160JB	110JB	37.0
Indeno(1,2,3-cd)pyrene	31J	17J	58.3
Phenanthrene	48J	19J	89.6
Benzo(a)pyrene	56J	92U	NA
Butylbenzyl phthalate	63J	150U	NA
Bis(2-ethylhexyl) phthalate	650B	440B	38.5
Benzo(a)anthracene	69J	40J	53.2
Benzoic acid	720J	610J	16.5
Chrysene	73J	18J	121

J = Estimated value <MRL and >MDL.
B = Analyte detected in associated method blank.
U = Value non-detect as <MRL.
NA = Not Applicable

- Field soil sample duplicate pair SIS7SB04 (801632) and SIS7SB04DUPE (801633) was collected for SVOCs. All detected compounds found in the sample and its duplicate pair and associated RPD are noted in **Table 4**. Target compounds di-n-butyl phthalate, phenanthrene, pyrene, benzoic acid, and bis(2-ethylhexyl) phthalate were detected in the duplicate pair and evaluated in the duplicate assessment. Indeno(1,2,3-cd)pyrene, phenanthrene, chrysene, benzo(a)anthracene, benzo(b)fluoranthene, pyrene, and fluoranthene were detected below the MRL in the duplicate pair sample and non-detect in the original sample; therefore, not used in the duplicate assessment. All other SVOC target compounds were non-detect for the duplicate pair. All criteria were met. No qualifiers were applied.

Table 4 Field Precision Hits Analysis Summary for SVOCs for Duplicate Pair SIS7SB04 (801632) and SIS7SB04DUPE (801633)

Compound	Original Sample (µg/kg)	Duplicate Pair (µg/kg)	RPD
Di-n-butyl phthalate	130JB	130JB	0.0
Indeno(1,2,3-cd)pyrene	22J	61U	NA
Phenanthrene	27J	24J	11.8
Chrysene	28J	87U	NA
Benzo(a)anthracene	30J	63U	NA
Benzo(b)fluoranthene	40J	78U	NA
Pyrene	42J	29J	36.6
Fluoranthene	55J	220U	NA
Benzoic acid	980J	840J	15.4
Bis(2-ethylhexyl) phthalate	99JB	130JB	27.1

J = Estimated value <MRL and >MDL.
B = Analyte detected in associated method blank.
U = Value non-detect as <MRL.
NA = Not Applicable

XI-Quantitation Verification

The accuracy of analytical results was verified through the calculation of several parameters. Percent difference (%D) between the calculated and reported values must be ≤10%. Any sample value >MDL and <MRL or <3*MDL (whichever is greater) was qualified as estimated, "J."

Sample: SIS7SS06 (801623), fluoranthene

Conc. µg/kg = (Ax * Is * Vt * DF) / (Ais * RRF * Vi * Ws * D)

where:
- Conc. = Sample concentration in µg/kg
- Ax = Area of characteristic ion for compound being measured.
- Is = Amount of internal standard injected (ng).
- Vt = Volume of total extract, taking into account dilutions (i.e., a 1-to-10 dilution of a 1-mL extract will mean V(t) = 10,000 µL.
- Ais = Area of characteristic ion for the internal standard.
- RRF = Average relative response factor for compound being measured (from ICAL)
- Vi = Volume of extract injected (µL).
- W(s) = Weight of sample extracted or diluted in grams.
- D = Percent dry weight (100 - % moisture in sample)/100
- DF = Dilution factor

Conc. µg/kg = (661813 * 20ng * 1000µL * 1) / (741136 * 1.199 * 1µL * 10.06g * 0.8460) = 1733 µg/kg

Reported Value = 1800 µg/kg
% Difference = 3.7%
Values were within 10% difference

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

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Sample Description: **SIS7SS07**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.02 (g/L)	CTL Sample ID:	801621
% Solids:	83.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/09/2010 14:04	120	U	19	120
95-50-1	1,2-Dichlorobenzene	06/09/2010 14:04	120	U	12	120
541-73-1	1,3-Dichlorobenzene	06/09/2010 14:04	120	U	13	120
106-46-7	1,4-Dichlorobenzene	06/09/2010 14:04	120	U	16	120
95-95-4	2,4,5-Trichlorophenol	06/09/2010 14:04	420	U	130	420
88-06-2	2,4,6-Trichlorophenol	06/09/2010 14:04	310	U	91	310
120-83-2	2,4-Dichlorophenol	06/09/2010 14:04	380	U	110	380
105-67-9	2,4-Dimethylphenol	06/09/2010 14:04	310	U	92	310
51-28-5	2,4-Dinitrophenol	06/09/2010 14:04	850	U	250	850
121-14-2	2,4-Dinitrotoluene	06/09/2010 14:04	120	U	28	120
606-20-2	2,6-Dinitrotoluene	06/09/2010 14:04	120	U	24	120
91-58-7	2-Chloronaphthalene	06/09/2010 14:04	120	U	16	120
95-57-8	2-Chlorophenol	06/09/2010 14:04	420	U	130	420
91-57-6	2-Methylnaphthalene	06/09/2010 14:04	120	U	23	120
95-48-7	2-Methylphenol	06/09/2010 14:04	410	U	120	410
88-74-4	2-Nitroaniline	06/09/2010 14:04	120	U	31	120
88-75-5	2-Nitrophenol	06/09/2010 14:04	480	U	140	480
1319-77-3	3 & 4-Methylphenol	06/09/2010 14:04	420	U	120	420
91-94-1	3,3'-Dichlorobenzidine	06/09/2010 14:04	1100	U M R	330	1100
99-09-2	3-Nitroaniline	06/09/2010 14:04	130	U	38	130
534-52-1	4,6-Dinitro-2-methylphenol	06/09/2010 14:04	600	U	85	600
101-55-3	4-Bromophenyl-phenyl ether	06/09/2010 14:04	120	U	12	120
59-50-7	4-Chloro-3-methylphenol	06/09/2010 14:04	370	U	110	370

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Sample Description: SIS7SS07

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.02 (g/L)	CTL Sample ID:	801621
% Solids:	83.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers			LOD/DL	RL
106-47-8	4-Chloroaniline	06/09/2010	14:04	260	U	M	UJ	78	260
7005-72-3	4-Chlorophenyl-phenyl ether	06/09/2010	14:04	130	U			37	130
100-01-6	4-Nitroaniline	06/09/2010	14:04	130	U			37	130
100-02-7	4-Nitrophenol	06/09/2010	14:04	1300	U			390	1300
83-32-9	Acenaphthene	06/09/2010	14:04	120	U			18	120
208-96-8	Acenaphthylene	06/09/2010	14:04	120	U			24	120
120-12-7	Anthracene	06/09/2010	14:04	45	J		J	12	120
56-55-3	Benzo(a)anthracene	06/09/2010	14:04	360				11	120
50-32-8	Benzo(a)pyrene	06/09/2010	14:04	440				23	120
205-99-2	Benzo(b)fluoranthene	06/09/2010	14:04	830				13	120
191-24-2	Benzo(g,h,i)perylene	06/09/2010	14:04	190		M	J	30	120
207-08-9	Benzo(k)fluoranthene	06/09/2010	14:04	220				25	120
65-85-0	Benzoic acid	06/09/2010	14:04	490	J	Y	J	350	1200
100-51-6	Benzyl alcohol	06/09/2010	14:04	320	U			94	320
111-91-1	Bis(2-chloroethoxy)methane	06/09/2010	14:04	120	U			24	120
111-44-4	Bis(2-chloroethyl)ether	06/09/2010	14:04	120	U			17	120
108-60-1	Bis(2-chloroisopropyl)ether	06/09/2010	14:04	120	U			13	120
117-81-7	Bis(2-ethylhexyl)phthalate	06/09/2010	14:04	140		B	U	34	120
85-68-7	Butylbenzylphthalate	06/09/2010	14:04	120	U			29	120
86-74-8	Carbazole	06/09/2010	14:04	40	J		J	13	120
218-01-9	Chrysene	06/09/2010	14:04	450				14	120
53-70-3	Dibenzo(a,h)anthracene	06/09/2010	14:04	52	J	M	J	13	120
132-64-9	Dibenzofuran	06/09/2010	14:04	160	U			44	160
84-66-2	Diethylphthalate	06/09/2010	14:04	160	U			46	160

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Sample Description: SIS7SS07

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.02 (g/L)	CTL Sample ID:	801621
% Solids:	83.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/09/2010	14:04	120	U		31	120
84-74-2	Di-n-butylphthalate	06/09/2010	14:04	82	J	J	48	170
117-84-0	Di-n-octylphthalate	06/09/2010	14:04	160	U		47	160
206-44-0	Fluoranthene	06/09/2010	14:04	790			25	120
86-73-7	Fluorene	06/09/2010	14:04	14	J	J	13	120
118-74-1	Hexachlorobenzene	06/09/2010	14:04	120	U		18	120
87-68-3	Hexachlorobutadiene	06/09/2010	14:04	120	U		37	120
67-72-1	Hexachloroethane	06/09/2010	14:04	120	U		20	120
193-39-5	Indeno(1,2,3-cd)pyrene	06/09/2010	14:04	210	M	J	9.6	120
78-59-1	Isophorone	06/09/2010	14:04	120	U		32	120
91-20-3	Naphthalene	06/09/2010	14:04	120	U		11	120
98-95-3	Nitrobenzene	06/09/2010	14:04	170	U		48	170
621-64-7	N-Nitroso-di-n-propylamine	06/09/2010	14:04	130	U		36	130
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/09/2010	14:04	240	U		20	240
87-86-5	Pentachlorophenol	06/09/2010	14:04	600	U		84	600
85-01-8	Phenanthrene	06/09/2010	14:04	290			13	120
108-95-2	Phenol	06/09/2010	14:04	490	U		150	490
129-00-0	Pyrene	06/09/2010	14:04	640			13	120

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Sample Description: SIS7SB07

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.96 (g/L)	CTL Sample ID:	801622
% Solids:	86.4	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/09/2010 15:04	120	U	19	120
95-50-1	1,2-Dichlorobenzene	06/09/2010 15:04	120	U	12	120
541-73-1	1,3-Dichlorobenzene	06/09/2010 15:04	120	U	13	120
106-46-7	1,4-Dichlorobenzene	06/09/2010 15:04	120	U	15	120
95-95-4	2,4,5-Trichlorophenol	06/09/2010 15:04	410	U	120	410
88-06-2	2,4,6-Trichlorophenol	06/09/2010 15:04	300	U	88	300
120-83-2	2,4-Dichlorophenol	06/09/2010 15:04	370	U	110	370
105-67-9	2,4-Dimethylphenol	06/09/2010 15:04	300	U	89	300
51-28-5	2,4-Dinitrophenol	06/09/2010 15:04	830	U	250	830
121-14-2	2,4-Dinitrotoluene	06/09/2010 15:04	120	U	27	120
606-20-2	2,6-Dinitrotoluene	06/09/2010 15:04	120	U	23	120
91-58-7	2-Chloronaphthalene	06/09/2010 15:04	120	U	15	120
95-57-8	2-Chlorophenol	06/09/2010 15:04	410	U	120	410
91-57-6	2-Methylnaphthalene	06/09/2010 15:04	120	U	22	120
95-48-7	2-Methylphenol	06/09/2010 15:04	400	U	120	400
88-74-4	2-Nitroaniline	06/09/2010 15:04	120	U	30	120
88-75-5	2-Nitrophenol	06/09/2010 15:04	460	U	140	460
1319-77-3	3 & 4-Methylphenol	06/09/2010 15:04	410	U	120	410
91-94-1	3,3'-Dichlorobenzidine	06/09/2010 15:04	1100	U VJ	320	1100
99-09-2	3-Nitroaniline	06/09/2010 15:04	130	U	37	130
534-52-1	4,6-Dinitro-2-methylphenol	06/09/2010 15:04	580	U	83	580
101-55-3	4-Bromophenyl-phenyl ether	06/09/2010 15:04	120	U	12	120
59-50-7	4-Chloro-3-methylphenol	06/09/2010 15:04	360	U	110	360

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CT LABORATORIES
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Sample Description: **SIS7SB07**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.96 (g/L)	CTL Sample ID:	801622
% Solids:	86.4	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/09/2010	15:04	260	U		76	260
7005-72-3	4-Chlorophenyl-phenyl ether	06/09/2010	15:04	130	U		36	130
100-01-6	4-Nitroaniline	06/09/2010	15:04	130	U		36	130
100-02-7	4-Nitrophenol	06/09/2010	15:04	1300	U		370	1300
83-32-9	Acenaphthene	06/09/2010	15:04	30	J	J	17	120
208-96-8	Acenaphthylene	06/09/2010	15:04	120	U		23	120
120-12-7	Anthracene	06/09/2010	15:04	130			12	120
56-55-3	Benzo(a)anthracene	06/09/2010	15:04	850			10	120
50-32-8	Benzo(a)pyrene	06/09/2010	15:04	1100			22	120
205-99-2	Benzo(b)fluoranthene	06/09/2010	15:04	2200			13	120
191-24-2	Benzo(g,h,i)perylene	06/09/2010	15:04	290			29	120
207-08-9	Benzo(k)fluoranthene	06/09/2010	15:04	830			24	120
65-85-0	Benzoic acid	06/09/2010	15:04	460	J	J	340	1100
100-51-6	Benzyl alcohol	06/09/2010	15:04	310	U		91	310
111-91-1	Bis(2-chloroethoxy)methane	06/09/2010	15:04	120	U		23	120
111-44-4	Bis(2-chloroethyl)ether	06/09/2010	15:04	120	U		16	120
108-60-1	Bis(2-chloroisopropyl)ether	06/09/2010	15:04	120	U		13	120
117-81-7	Bis(2-ethylhexyl)phthalate	06/09/2010	15:04	130	B	U	33	120
85-68-7	Butylbenzylphthalate	06/09/2010	15:04	120	U		28	120
86-74-8	Carbazole	06/09/2010	15:04	220			13	120
218-01-9	Chrysene	06/09/2010	15:04	1200			14	120
53-70-3	Dibenzo(a,h)anthracene	06/09/2010	15:04	93	J	J	13	120
132-64-9	Dibenzofuran	06/09/2010	15:04	150	U		43	150
84-66-2	Diethylphthalate	06/09/2010	15:04	150	U		44	150

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CT LABORATORIES
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Sample Description: **SIS7SB07**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.96 (g/L)	CTL Sample ID:	801622
% Solids:	86.4	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/09/2010	15:04	120	U		30	120
84-74-2	Di-n-butylphthalate	06/09/2010	15:04	160	U		46	160
117-84-0	Di-n-octylphthalate	06/09/2010	15:04	150	U		45	150
206-44-0	Fluoranthene	06/09/2010	15:04	2100			24	120
86-73-7	Fluorene	06/09/2010	15:04	39	J	J	13	120
118-74-1	Hexachlorobenzene	06/09/2010	15:04	120	U		17	120
87-68-3	Hexachlorobutadiene	06/09/2010	15:04	120	U		36	120
67-72-1	Hexachloroethane	06/09/2010	15:04	120	U		20	120
193-39-5	Indeno(1,2,3-cd)pyrene	06/09/2010	15:04	350			9.3	120
78-59-1	Isophorone	06/09/2010	15:04	120	U		31	120
91-20-3	Naphthalene	06/09/2010	15:04	120	U		10	120
98-95-3	Nitrobenzene	06/09/2010	15:04	160	U		46	160
621-64-7	N-Nitroso-di-n-propylamine	06/09/2010	15:04	130	U		35	130
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/09/2010	15:04	230	U		20	230
87-86-5	Pentachlorophenol	06/09/2010	15:04	580	U		81	580
85-01-8	Phenanthrene	06/09/2010	15:04	850			13	120
108-95-2	Phenol	06/09/2010	15:04	480	U		140	480
129-00-0	Pyrene	06/09/2010	15:04	1800			13	120

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CT LABORATORIES
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Sample Description: SIS7SS06

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.06 (g/L)	CTL Sample ID:	801623
% Solids:	84.6	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010	22:58	120	U	19	120
95-50-1	1,2-Dichlorobenzene	06/07/2010	22:58	120	U	12	120
541-73-1	1,3-Dichlorobenzene	06/07/2010	22:58	120	U	13	120
106-46-7	1,4-Dichlorobenzene	06/07/2010	22:58	120	U	15	120
95-95-4	2,4,5-Trichlorophenol	06/07/2010	22:58	410	U	120	410
88-06-2	2,4,6-Trichlorophenol	06/07/2010	22:58	310	U	89	310
120-83-2	2,4-Dichlorophenol	06/07/2010	22:58	380	U	110	380
105-67-9	2,4-Dimethylphenol	06/07/2010	22:58	310	U	90	310
51-28-5	2,4-Dinitrophenol	06/07/2010	22:58	830	U UJ	250	830
121-14-2	2,4-Dinitrotoluene	06/07/2010	22:58	120	U	27	120
606-20-2	2,6-Dinitrotoluene	06/07/2010	22:58	120	U	23	120
91-58-7	2-Chloronaphthalene	06/07/2010	22:58	120	U	15	120
95-57-8	2-Chlorophenol	06/07/2010	22:58	410	U	120	410
91-57-6	2-Methylnaphthalene	06/07/2010	22:58	120	U	22	120
95-48-7	2-Methylphenol	06/07/2010	22:58	400	U	120	400
88-74-4	2-Nitroaniline	06/07/2010	22:58	120	U	31	120
88-75-5	2-Nitrophenol	06/07/2010	22:58	470	U	140	470
1319-77-3	3 & 4-Methylphenol	06/07/2010	22:58	410	U	120	410
91-94-1	3,3'-Dichlorobenzidine	06/07/2010	22:58	1100	U	330	1100
99-09-2	3-Nitroaniline	06/07/2010	22:58	130	U	38	130
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010	22:58	590	U	83	590
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010	22:58	120	U	12	120
59-50-7	4-Chloro-3-methylphenol	06/07/2010	22:58	360	U	110	360

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Sample Description: SIS7SS06

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.06 (g/L)	CTL Sample ID:	801623
% Solids:	84.6	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010	22:58	260	U		76	260
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010	22:58	130	U		36	130
100-01-6	4-Nitroaniline	06/07/2010	22:58	130	U		36	130
100-02-7	4-Nitrophenol	06/07/2010	22:58	1300	U		380	1300
83-32-9	Acenaphthene	06/07/2010	22:58	120	U		18	120
208-96-8	Acenaphthylene	06/07/2010	22:58	120	U		23	120
120-12-7	Anthracene	06/07/2010	22:58	98	J	J	12	120
56-55-3	Benzo(a)anthracene	06/07/2010	22:58	700			11	120
50-32-8	Benzo(a)pyrene	06/07/2010	22:58	810			22	120
205-99-2	Benzo(b)fluoranthene	06/07/2010	22:58	1400			13	120
191-24-2	Benzo(g,h,i)perylene	06/07/2010	22:58	480			29	120
207-08-9	Benzo(k)fluoranthene	06/07/2010	22:58	450			25	120
65-85-0	Benzoic acid	06/07/2010	22:58	1200	U		340	1200
100-51-6	Benzyl alcohol	06/07/2010	22:58	320	U		92	320
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010	22:58	120	U		23	120
111-44-4	Bis(2-chloroethyl)ether	06/07/2010	22:58	120	U		16	120
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010	22:58	120	U		13	120
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010	22:58	77	J	B V	33	120
85-68-7	Butylbenzylphthalate	06/07/2010	22:58	120	U		28	120
86-74-8	Carbazole	06/07/2010	22:58	140			13	120
218-01-9	Chrysene	06/07/2010	22:58	990			14	120
53-70-3	Dibenzo(a,h)anthracene	06/07/2010	22:58	120	U		13	120
132-64-9	Dibenzofuran	06/07/2010	22:58	150	U		43	150
84-66-2	Diethylphthalate	06/07/2010	22:58	150	U		45	150

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CT LABORATORIES
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Sample Description: **SIS7SS06**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.06 (g/L)	CTL Sample ID:	801623
% Solids:	84.6	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010	22:58	120	U	31	120
84-74-2	Di-n-butylphthalate	06/07/2010	22:58	160	U	47	160
117-84-0	Di-n-octylphthalate	06/07/2010	22:58	150	U	46	150
206-44-0	Fluoranthene	06/07/2010	22:58	1800		25	120
86-73-7	Fluorene	06/07/2010	22:58	34	J J	13	120
118-74-1	Hexachlorobenzene	06/07/2010	22:58	120	U	18	120
87-68-3	Hexachlorobutadiene	06/07/2010	22:58	120	U	36	120
67-72-1	Hexachloroethane	06/07/2010	22:58	120	U	20	120
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010	22:58	520		9.4	120
78-59-1	Isophorone	06/07/2010	22:58	120	U	32	120
91-20-3	Naphthalene	06/07/2010	22:58	120	U	11	120
98-95-3	Nitrobenzene	06/07/2010	22:58	160	U	47	160
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010	22:58	130	U	35	130
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010	22:58	230	U	20	230
87-86-5	Pentachlorophenol	06/07/2010	22:58	590	U	82	590
85-01-8	Phenanthrene	06/07/2010	22:58	730		13	120
108-95-2	Phenol	06/07/2010	22:58	480	U	140	480
129-00-0	Pyrene	06/07/2010	22:58	1300		13	120

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CT LABORATORIES
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Sample Description: **SIS7SB06**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.98 (g/L)	CTL Sample ID:	801624
% Solids:	69.0	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010 23:18	150	U	23	150
95-50-1	1,2-Dichlorobenzene	06/07/2010 23:18	150	U	15	150
541-73-1	1,3-Dichlorobenzene	06/07/2010 23:18	150	U	16	150
106-46-7	1,4-Dichlorobenzene	06/07/2010 23:18	150	U	19	150
95-95-4	2,4,5-Trichlorophenol	06/07/2010 23:18	510	U	150	510
88-06-2	2,4,6-Trichlorophenol	06/07/2010 23:18	380	U	110	380
120-83-2	2,4-Dichlorophenol	06/07/2010 23:18	460	U	140	460
105-67-9	2,4-Dimethylphenol	06/07/2010 23:18	380	U	110	380
51-28-5	2,4-Dinitrophenol	06/07/2010 23:18	1000	U UJ	310	1000
121-14-2	2,4-Dinitrotoluene	06/07/2010 23:18	150	U	33	150
606-20-2	2,6-Dinitrotoluene	06/07/2010 23:18	150	U	29	150
91-58-7	2-Chloronaphthalene	06/07/2010 23:18	150	U	19	150
95-57-8	2-Chlorophenol	06/07/2010 23:18	510	U	150	510
91-57-6	2-Methylnaphthalene	06/07/2010 23:18	150	U	28	150
95-48-7	2-Methylphenol	06/07/2010 23:18	490	U	150	490
88-74-4	2-Nitroaniline	06/07/2010 23:18	150	U	38	150
88-75-5	2-Nitrophenol	06/07/2010 23:18	580	U	170	580
1319-77-3	3 & 4-Methylphenol	06/07/2010 23:18	510	U	150	510
91-94-1	3,3'-Dichlorobenzidine	06/07/2010 23:18	1400	U	400	1400
99-09-2	3-Nitroaniline	06/07/2010 23:18	160	U	46	160
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010 23:18	730	U	100	730
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010 23:18	150	U	15	150
59-50-7	4-Chloro-3-methylphenol	06/07/2010 23:18	450	U	130	450

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CT LABORATORIES
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Sample Description: SIS7SB06

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.98 (g/L)	CTL Sample ID:	801624
% Solids:	69.0	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 23:18	320	U	94	320
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 23:18	160	U	45	160
100-01-6	4-Nitroaniline	06/07/2010 23:18	160	U	45	160
100-02-7	4-Nitrophenol	06/07/2010 23:18	1600	U	470	1600
83-32-9	Acenaphthene	06/07/2010 23:18	24	J J	22	150
208-96-8	Acenaphthylene	06/07/2010 23:18	150	U	29	150
120-12-7	Anthracene	06/07/2010 23:18	94	J J	15	150
56-55-3	Benzo(a)anthracene	06/07/2010 23:18	630		13	150
50-32-8	Benzo(a)pyrene	06/07/2010 23:18	700		28	150
205-99-2	Benzo(b)fluoranthene	06/07/2010 23:18	1300		16	150
191-24-2	Benzo(g,h,i)perylene	06/07/2010 23:18	280		36	150
207-08-9	Benzo(k)fluoranthene	06/07/2010 23:18	380		30	150
65-85-0	Benzoic acid	06/07/2010 23:18	1700		420	1400
100-51-6	Benzyl alcohol	06/07/2010 23:18	390	U	110	390
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 23:18	150	U	29	150
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 23:18	150	U	20	150
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 23:18	150	U	16	150
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 23:18	120	J B U	41	150
85-68-7	Butylbenzylphthalate	06/07/2010 23:18	150	U	35	150
86-74-8	Carbazole	06/07/2010 23:18	110	J J	16	150
218-01-9	Chrysene	06/07/2010 23:18	860		17	150
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 23:18	83	J J	16	150
132-64-9	Dibenzofuran	06/07/2010 23:18	190	U	54	190
84-66-2	Diethylphthalate	06/07/2010 23:18	190	U	55	190

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1B
SEMIVOLATILE ORGANICS ANALYSIS

Sample Description: **SIS7SB06**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.98 (g/L)	CTL Sample ID:	801624
% Solids:	69.0	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 23:18	150	U	38	150
84-74-2	Di-n-butylphthalate	06/07/2010 23:18	200	U	58	200
117-84-0	Di-n-octylphthalate	06/07/2010 23:18	190	U	57	190
206-44-0	Fluoranthene	06/07/2010 23:18	1600		30	150
86-73-7	Fluorene	06/07/2010 23:18	37	J J	16	150
118-74-1	Hexachlorobenzene	06/07/2010 23:18	150	U	22	150
87-68-3	Hexachlorobutadiene	06/07/2010 23:18	150	U	45	150
67-72-1	Hexachloroethane	06/07/2010 23:18	150	U	25	150
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 23:18	300		12	150
78-59-1	Isophorone	06/07/2010 23:18	150	U	39	150
91-20-3	Naphthalene	06/07/2010 23:18	150	U	13	150
98-95-3	Nitrobenzene	06/07/2010 23:18	200	U	58	200
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 23:18	160	U	44	160
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 23:18	290	U	25	290
87-86-5	Pentachlorophenol	06/07/2010 23:18	730	U	100	730
85-01-8	Phenanthrene	06/07/2010 23:18	720		16	150
108-95-2	Phenol	06/07/2010 23:18	600	U	180	600
129-00-0	Pyrene	06/07/2010 23:18	1200		16	150

CT LABORATORIES
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Sample Description: SIS7SS05

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.01 (g/L)	CTL Sample ID:	801625
% Solids:	71.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/kg	

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010 20:59	140	U	22	140
95-50-1	1,2-Dichlorobenzene	06/07/2010 20:59	140	U	14	140
541-73-1	1,3-Dichlorobenzene	06/07/2010 20:59	140	U	15	140
106-46-7	1,4-Dichlorobenzene	06/07/2010 20:59	140	U	18	140
95-95-4	2,4,5-Trichlorophenol	06/07/2010 20:59	490	U	150	490
88-06-2	2,4,6-Trichlorophenol	06/07/2010 20:59	370	U	110	370
120-83-2	2,4-Dichlorophenol	06/07/2010 20:59	450	U	130	450
105-67-9	2,4-Dimethylphenol	06/07/2010 20:59	370	U	110	370
51-28-5	2,4-Dinitrophenol	06/07/2010 20:59	1000	U VJ	300	1000
121-14-2	2,4-Dinitrotoluene	06/07/2010 20:59	140	U	32	140
606-20-2	2,6-Dinitrotoluene	06/07/2010 20:59	140	U	28	140
91-58-7	2-Chloronaphthalene	06/07/2010 20:59	140	U	18	140
95-57-8	2-Chlorophenol	06/07/2010 20:59	490	U	150	490
91-57-6	2-Methylnaphthalene	06/07/2010 20:59	140	U	27	140
95-48-7	2-Methylphenol	06/07/2010 20:59	480	U	140	480
88-74-4	2-Nitroaniline	06/07/2010 20:59	140	U	37	140
88-75-5	2-Nitrophenol	06/07/2010 20:59	560	U	170	560
1319-77-3	3 & 4-Methylphenol	06/07/2010 20:59	490	U	150	490
91-94-1	3,3'-Dichlorobenzidine	06/07/2010 20:59	1300	U	390	1300
99-09-2	3-Nitroaniline	06/07/2010 20:59	150	U	45	150
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010 20:59	700	U	100	700
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010 20:59	140	U	14	140
59-50-7	4-Chloro-3-methylphenol	06/07/2010 20:59	440	U	130	440

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CT LABORATORIES
delivering more than data from your environmental analyses

Sample Description: **SIS7SS05**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.01 (g/L)	CTL Sample ID:	801625
% Solids:	71.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010	20:59	310	U		91	310
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010	20:59	150	U		44	150
100-01-6	4-Nitroaniline	06/07/2010	20:59	150	U		44	150
100-02-7	4-Nitrophenol	06/07/2010	20:59	1500	U		450	1500
83-32-9	Acenaphthene	06/07/2010	20:59	140	U		21	140
208-96-8	Acenaphthylene	06/07/2010	20:59	140	U		28	140
120-12-7	Anthracene	06/07/2010	20:59	140	U		14	140
56-55-3	Benzo(a)anthracene	06/07/2010	20:59	26	J	J	13	140
50-32-8	Benzo(a)pyrene	06/07/2010	20:59	27	J	J	27	140
205-99-2	Benzo(b)fluoranthene	06/07/2010	20:59	40	J	J	15	140
191-24-2	Benzo(g,h,i)perylene	06/07/2010	20:59	140	U		35	140
207-08-9	Benzo(k)fluoranthene	06/07/2010	20:59	140	U		30	140
65-85-0	Benzoic acid	06/07/2010	20:59	1400	U		410	1400
100-51-6	Benzyl alcohol	06/07/2010	20:59	380	U		110	380
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010	20:59	140	U		28	140
111-44-4	Bis(2-chloroethyl)ether	06/07/2010	20:59	140	U		20	140
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010	20:59	140	U		15	140
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010	20:59	110	J	B V	39	140
85-68-7	Butylbenzylphthalate	06/07/2010	20:59	140	U		34	140
86-74-8	Carbazole	06/07/2010	20:59	140	U		15	140
218-01-9	Chrysene	06/07/2010	20:59	31	J	J	17	140
53-70-3	Dibenzo(a,h)anthracene	06/07/2010	20:59	140	U		15	140
132-64-9	Dibenzofuran	06/07/2010	20:59	180	U		52	180
84-66-2	Diethylphthalate	06/07/2010	20:59	180	U		53	180

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CT LABORATORIES
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Sample Description: **SIS7SS05**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.01 (g/L)	CTL Sample ID:	801625
% Solids:	71.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 20:59	140	U		37	140
84-74-2	Di-n-butylphthalate	06/07/2010 20:59	200	U		56	200
117-84-0	Di-n-octylphthalate	06/07/2010 20:59	180	U		55	180
206-44-0	Fluoranthene	06/07/2010 20:59	56	J	J	30	140
86-73-7	Fluorene	06/07/2010 20:59	140	U		15	140
118-74-1	Hexachlorobenzene	06/07/2010 20:59	140	U		21	140
87-68-3	Hexachlorobutadiene	06/07/2010 20:59	140	U		44	140
67-72-1	Hexachloroethane	06/07/2010 20:59	140	U		24	140
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 20:59	19	J	J	11	140
78-59-1	Isophorone	06/07/2010 20:59	140	U		38	140
91-20-3	Naphthalene	06/07/2010 20:59	140	U		13	140
98-95-3	Nitrobenzene	06/07/2010 20:59	200	U		56	200
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 20:59	150	U		42	150
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 20:59	280	U		24	280
87-86-5	Pentachlorophenol	06/07/2010 20:59	700	U		98	700
85-01-8	Phenanthrene	06/07/2010 20:59	20	J	J	15	140
108-95-2	Phenol	06/07/2010 20:59	580	U		170	580
129-00-0	Pyrene	06/07/2010 20:59	41	J	J	15	140

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CT LABORATORIES
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Sample Description: **SIS7SB05**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.07 (g/L)	CTL Sample ID:	801626
% Solids:	60.9	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010 21:19	160	U	26	160
95-50-1	1,2-Dichlorobenzene	06/07/2010 21:19	160	U	16	160
541-73-1	1,3-Dichlorobenzene	06/07/2010 21:19	160	U	18	160
106-46-7	1,4-Dichlorobenzene	06/07/2010 21:19	160	U	21	160
95-95-4	2,4,5-Trichlorophenol	06/07/2010 21:19	570	U	170	570
88-06-2	2,4,6-Trichlorophenol	06/07/2010 21:19	420	U	120	420
120-83-2	2,4-Dichlorophenol	06/07/2010 21:19	520	U	150	520
105-67-9	2,4-Dimethylphenol	06/07/2010 21:19	420	U	130	420
51-28-5	2,4-Dinitrophenol	06/07/2010 21:19	1200	U UJ	340	1200
121-14-2	2,4-Dinitrotoluene	06/07/2010 21:19	160	U	38	160
606-20-2	2,6-Dinitrotoluene	06/07/2010 21:19	160	U	33	160
91-58-7	2-Chloronaphthalene	06/07/2010 21:19	160	U	21	160
95-57-8	2-Chlorophenol	06/07/2010 21:19	570	U	170	570
91-57-6	2-Methylnaphthalene	06/07/2010 21:19	160	U	31	160
95-48-7	2-Methylphenol	06/07/2010 21:19	550	U	160	550
88-74-4	2-Nitroaniline	06/07/2010 21:19	160	U	42	160
88-75-5	2-Nitrophenol	06/07/2010 21:19	650	U	190	650
1319-77-3	3 & 4-Methylphenol	06/07/2010 21:19	570	U	170	570
91-94-1	3,3'-Dichlorobenzidine	06/07/2010 21:19	1500	U	450	1500
99-09-2	3-Nitroaniline	06/07/2010 21:19	180	U	52	180
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010 21:19	820	U	120	820
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010 21:19	160	U	16	160
59-50-7	4-Chloro-3-methylphenol	06/07/2010 21:19	510	U	150	510

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Sample Description: SIS7SB05

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.07 (g/L)	CTL Sample ID:	801626
% Solids:	60.9	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 21:19	360	U		110	360
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 21:19	180	U		51	180
100-01-6	4-Nitroaniline	06/07/2010 21:19	180	U		51	180
100-02-7	4-Nitrophenol	06/07/2010 21:19	1800	U		530	1800
83-32-9	Acenaphthene	06/07/2010 21:19	160	U		24	160
208-96-8	Acenaphthylene	06/07/2010 21:19	160	U		33	160
120-12-7	Anthracene	06/07/2010 21:19	160	U		16	160
56-55-3	Benzo(a)anthracene	06/07/2010 21:19	36	J	J	15	160
50-32-8	Benzo(a)pyrene	06/07/2010 21:19	32	J	J	31	160
205-99-2	Benzo(b)fluoranthene	06/07/2010 21:19	53	J	J	18	160
191-24-2	Benzo(g,h,i)perylene	06/07/2010 21:19	160	U		41	160
207-08-9	Benzo(k)fluoranthene	06/07/2010 21:19	160	U		34	160
65-85-0	Benzoic acid	06/07/2010 21:19	1600	U		470	1600
100-51-6	Benzyl alcohol	06/07/2010 21:19	440	U		130	440
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 21:19	160	U		33	160
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 21:19	160	U		23	160
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 21:19	160	U		18	160
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 21:19	66	J	B U	46	160
85-68-7	Butylbenzylphthalate	06/07/2010 21:19	160	U		39	160
86-74-8	Carbazole	06/07/2010 21:19	160	U		18	160
218-01-9	Chrysene	06/07/2010 21:19	35	J	J	20	160
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 21:19	160	U		18	160
132-64-9	Dibenzofuran	06/07/2010 21:19	210	U		60	210
84-66-2	Diethylphthalate	06/07/2010 21:19	210	U		62	210

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Sample Description: SIS7SB05

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.07 (g/L)	CTL Sample ID:	801626
% Solids:	60.9	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 21:19	160	U		42	160
84-74-2	Di-n-butylphthalate	06/07/2010 21:19	230	U		65	230
117-84-0	Di-n-octylphthalate	06/07/2010 21:19	210	U		64	210
206-44-0	Fluoranthene	06/07/2010 21:19	78	J	J	34	160
86-73-7	Fluorene	06/07/2010 21:19	160	U		18	160
118-74-1	Hexachlorobenzene	06/07/2010 21:19	160	U		24	160
87-68-3	Hexachlorobutadiene	06/07/2010 21:19	170	U		51	170
67-72-1	Hexachloroethane	06/07/2010 21:19	160	U		28	160
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 21:19	21	J	J	13	160
78-59-1	Isophorone	06/07/2010 21:19	160	U		44	160
91-20-3	Naphthalene	06/07/2010 21:19	160	U		15	160
98-95-3	Nitrobenzene	06/07/2010 21:19	230	U		65	230
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 21:19	180	U		49	180
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 21:19	330	U		28	330
87-86-5	Pentachlorophenol	06/07/2010 21:19	820	U		110	820
85-01-8	Phenanthrene	06/07/2010 21:19	34	J	J	18	160
108-95-2	Phenol	06/07/2010 21:19	670	U		200	670
129-00-0	Pyrene	06/07/2010 21:19	60	J	J	18	160

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CT LABORATORIES
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Sample Description: SIS7SS08

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801627
% Solids:	76.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010 21:39	130	U VJ	21	130
95-50-1	1,2-Dichlorobenzene	06/07/2010 21:39	130	U VJ	13	130
541-73-1	1,3-Dichlorobenzene	06/07/2010 21:39	130	U VJ	14	130
106-46-7	1,4-Dichlorobenzene	06/07/2010 21:39	130	U VJ	17	130
95-95-4	2,4,5-Trichlorophenol	06/07/2010 21:39	450	U VJ	140	450
88-06-2	2,4,6-Trichlorophenol	06/07/2010 21:39	340	U VJ	99	340
120-83-2	2,4-Dichlorophenol	06/07/2010 21:39	420	U VJ	120	420
105-67-9	2,4-Dimethylphenol	06/07/2010 21:39	340	U VJ	100	340
51-28-5	2,4-Dinitrophenol	06/07/2010 21:39	920	U VJ	270	920
121-14-2	2,4-Dinitrotoluene	06/07/2010 21:39	130	U VJ	30	130
606-20-2	2,6-Dinitrotoluene	06/07/2010 21:39	130	U VJ	26	130
91-58-7	2-Chloronaphthalene	06/07/2010 21:39	130	U VJ	17	130
95-57-8	2-Chlorophenol	06/07/2010 21:39	450	U VJ	140	450
91-57-6	2-Methylnaphthalene	06/07/2010 21:39	130	U VJ	25	130
95-48-7	2-Methylphenol	06/07/2010 21:39	440	U VJ	130	440
88-74-4	2-Nitroaniline	06/07/2010 21:39	130	U VJ	34	130
88-75-5	2-Nitrophenol	06/07/2010 21:39	520	U VJ	150	520
1319-77-3	3 & 4-Methylphenol	06/07/2010 21:39	450	U VJ	140	450
91-94-1	3,3'-Dichlorobenzidine	06/07/2010 21:39	1200	U VJ	360	1200
99-09-2	3-Nitroaniline	06/07/2010 21:39	140	U VJ	42	140
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010 21:39	650	U VJ	92	650
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010 21:39	130	U VJ	13	130
59-50-7	4-Chloro-3-methylphenol	06/07/2010 21:39	400	U VJ	120	400

CT LABORATORIES
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Sample Description: SIS7SS08

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801627
% Solids:	76.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 21:39	290	U	UJ	84	290
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 21:39	140	U	UJ	40	140
100-01-6	4-Nitroaniline	06/07/2010 21:39	140	U	UJ	40	140
100-02-7	4-Nitrophenol	06/07/2010 21:39	1400	U	UJ	420	1400
83-32-9	Acenaphthene	06/07/2010 21:39	130	U	UJ	19	130
208-96-8	Acenaphthylene	06/07/2010 21:39	130	U	UJ	26	130
120-12-7	Anthracene	06/07/2010 21:39	130	U	UJ	13	130
56-55-3	Benzo(a)anthracene	06/07/2010 21:39	27	J	J	12	130
50-32-8	Benzo(a)pyrene	06/07/2010 21:39	25	J	J	25	130
205-99-2	Benzo(b)fluoranthene	06/07/2010 21:39	57	J	J	14	130
191-24-2	Benzo(g,h,i)perylene	06/07/2010 21:39	33	J	J	32	130
207-08-9	Benzo(k)fluoranthene	06/07/2010 21:39	130	U	UJ	27	130
65-85-0	Benzoic acid	06/07/2010 21:39	1300	U	UJ	380	1300
100-51-6	Benzyl alcohol	06/07/2010 21:39	350	U	UJ	100	350
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 21:39	130	U	UJ	26	130
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 21:39	130	U	UJ	18	130
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 21:39	130	U	UJ	14	130
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 21:39	380	B	U	36	130
85-68-7	Butylbenzylphthalate	06/07/2010 21:39	130	U	UJ	31	130
86-74-8	Carbazole	06/07/2010 21:39	130	U	UJ	14	130
218-01-9	Chrysene	06/07/2010 21:39	39	J	J	16	130
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 21:39	130	U	UJ	14	130
132-64-9	Dibenzofuran	06/07/2010 21:39	170	U	UJ	48	170
84-66-2	Diethylphthalate	06/07/2010 21:39	170	U	UJ	49	170

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CT LABORATORIES
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Sample Description: SIS7SS08

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801627
% Solids:	76.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/kg	

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 21:39	130	U	UJ	34	130
84-74-2	Di-n-butylphthalate	06/07/2010 21:39	58	J	J	52	180
117-84-0	Di-n-octylphthalate	06/07/2010 21:39	170	U	UJ	51	170
206-44-0	Fluoranthene	06/07/2010 21:39	61	J	J	27	130
86-73-7	Fluorene	06/07/2010 21:39	130	U	UJ	14	130
118-74-1	Hexachlorobenzene	06/07/2010 21:39	130	U	UJ	19	130
87-68-3	Hexachlorobutadiene	06/07/2010 21:39	130	U	UJ	40	130
67-72-1	Hexachloroethane	06/07/2010 21:39	130	U	UJ	22	130
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 21:39	29	J	J	10	130
78-59-1	Isophorone	06/07/2010 21:39	130	U	UJ	35	130
91-20-3	Naphthalene	06/07/2010 21:39	130	U	UJ	12	130
98-95-3	Nitrobenzene	06/07/2010 21:39	180	U	UJ	52	180
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 21:39	140	U	UJ	39	140
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 21:39	260	U	UJ	22	260
87-86-5	Pentachlorophenol	06/07/2010 21:39	650	U	UJ	91	650
85-01-8	Phenanthrene	06/07/2010 21:39	25	J	J	14	130
108-95-2	Phenol	06/07/2010 21:39	530	U	UJ	160	530
129-00-0	Pyrene	06/07/2010 21:39	48	J	J	14	130

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CT LABORATORIES
delivering more than data from your environmental analyses

Sample Description: SIS7SB08

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.07 (g/L)	CTL Sample ID:	801628
% Solids:	74.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/09/2010	10:46	130	U	21	130
95-50-1	1,2-Dichlorobenzene	06/09/2010	10:46	130	U	13	130
541-73-1	1,3-Dichlorobenzene	06/09/2010	10:46	130	U	15	130
106-46-7	1,4-Dichlorobenzene	06/09/2010	10:46	130	U	17	130
95-95-4	2,4,5-Trichlorophenol	06/09/2010	10:46	470	U	140	470
88-06-2	2,4,6-Trichlorophenol	06/09/2010	10:46	350	U	100	350
120-83-2	2,4-Dichlorophenol	06/09/2010	10:46	430	U	120	430
105-67-9	2,4-Dimethylphenol	06/09/2010	10:46	350	U	100	350
51-28-5	2,4-Dinitrophenol	06/09/2010	10:46	950	U	280	950
121-14-2	2,4-Dinitrotoluene	06/09/2010	10:46	130	U	31	130
606-20-2	2,6-Dinitrotoluene	06/09/2010	10:46	130	U	27	130
91-58-7	2-Chloronaphthalene	06/09/2010	10:46	130	U	17	130
95-57-8	2-Chlorophenol	06/09/2010	10:46	470	U	140	470
91-57-6	2-Methylnaphthalene	06/09/2010	10:46	130	U	25	130
95-48-7	2-Methylphenol	06/09/2010	10:46	460	U	140	460
88-74-4	2-Nitroaniline	06/09/2010	10:46	130	U	35	130
88-75-5	2-Nitrophenol	06/09/2010	10:46	540	U	160	540
1319-77-3	3 & 4-Methylphenol	06/09/2010	10:46	470	U	140	470
91-94-1	3,3'-Dichlorobenzidine	06/09/2010	10:46	1200	U UJ	370	1200
99-09-2	3-Nitroaniline	06/09/2010	10:46	150	U	43	150
534-52-1	4,6-Dinitro-2-methylphenol	06/09/2010	10:46	670	U	95	670
101-55-3	4-Bromophenyl-phenyl ether	06/09/2010	10:46	130	U	13	130
59-50-7	4-Chloro-3-methylphenol	06/09/2010	10:46	420	U	120	420

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CT LABORATORIES
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Sample Description: SIS7SB08

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.07 (g/L)	CTL Sample ID:	801628
% Solids:	74.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/09/2010	10:46	290	U		87	290
7005-72-3	4-Chlorophenyl-phenyl ether	06/09/2010	10:46	150	U		42	150
100-01-6	4-Nitroaniline	06/09/2010	10:46	150	U		42	150
100-02-7	4-Nitrophenol	06/09/2010	10:46	1500	U		430	1500
83-32-9	Acenaphthene	06/09/2010	10:46	130	U		20	130
208-96-8	Acenaphthylene	06/09/2010	10:46	130	U		27	130
120-12-7	Anthracene	06/09/2010	10:46	130	U		13	130
56-55-3	Benzo(a)anthracene	06/09/2010	10:46	23	J	J	12	130
50-32-8	Benzo(a)pyrene	06/09/2010	10:46	130	U		25	130
205-99-2	Benzo(b)fluoranthene	06/09/2010	10:46	35	J	J	15	130
191-24-2	Benzo(g,h,i)perylene	06/09/2010	10:46	130	U		34	130
207-08-9	Benzo(k)fluoranthene	06/09/2010	10:46	130	U		28	130
65-85-0	Benzoic acid	06/09/2010	10:46	590	J	J	390	1300
100-51-6	Benzyl alcohol	06/09/2010	10:46	360	U		100	360
111-91-1	Bis(2-chloroethoxy)methane	06/09/2010	10:46	130	U		27	130
111-44-4	Bis(2-chloroethyl)ether	06/09/2010	10:46	130	U		19	130
108-60-1	Bis(2-chloroisopropyl)ether	06/09/2010	10:46	130	U		15	130
117-81-7	Bis(2-ethylhexyl)phthalate	06/09/2010	10:46	63	J	B U	38	130
85-68-7	Butylbenzylphthalate	06/09/2010	10:46	130	U		32	130
86-74-8	Carbazole	06/09/2010	10:46	130	U		15	130
218-01-9	Chrysene	06/09/2010	10:46	28	J	J	16	130
53-70-3	Dibenzo(a,h)anthracene	06/09/2010	10:46	130	U		15	130
132-64-9	Dibenzofuran	06/09/2010	10:46	170	U		50	170
84-66-2	Diethylphthalate	06/09/2010	10:46	170	U		51	170

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CT LABORATORIES
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Sample Description: SIS7SB08

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.07 (g/L)	CTL Sample ID:	801628
% Solids:	74.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/09/2010	10:46	130	U		35	130
84-74-2	Di-n-butylphthalate	06/09/2010	10:46	55	J	J	54	190
117-84-0	Di-n-octylphthalate	06/09/2010	10:46	170	U		52	170
206-44-0	Fluoranthene	06/09/2010	10:46	46	J	J	28	130
86-73-7	Fluorene	06/09/2010	10:46	130	U		15	130
118-74-1	Hexachlorobenzene	06/09/2010	10:46	130	U		20	130
87-68-3	Hexachlorobutadiene	06/09/2010	10:46	140	U		42	140
67-72-1	Hexachloroethane	06/09/2010	10:46	130	U		23	130
193-39-5	Indeno(1,2,3-cd)pyrene	06/09/2010	10:46	18	J	J	11	130
78-59-1	Isophorone	06/09/2010	10:46	130	U		36	130
91-20-3	Naphthalene	06/09/2010	10:46	130	U		12	130
98-95-3	Nitrobenzene	06/09/2010	10:46	190	U		54	190
621-64-7	N-Nitroso-di-n-propylamine	06/09/2010	10:46	150	U		40	150
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/09/2010	10:46	270	U		23	270
87-86-5	Pentachlorophenol	06/09/2010	10:46	670	U		94	670
85-01-8	Phenanthrene	06/09/2010	10:46	20	J	J	15	130
108-95-2	Phenol	06/09/2010	10:46	550	U		160	550
129-00-0	Pyrene	06/09/2010	10:46	45	J	J	15	130

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CT LABORATORIES
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Sample Description: SIS7SS09

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.04 (g/L)	CTL Sample ID:	801629
% Solids:	70.4	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010 22:18	140	U	23	140
95-50-1	1,2-Dichlorobenzene	06/07/2010 22:18	140	U	14	140
541-73-1	1,3-Dichlorobenzene	06/07/2010 22:18	140	U	16	140
106-46-7	1,4-Dichlorobenzene	06/07/2010 22:18	140	U	18	140
95-95-4	2,4,5-Trichlorophenol	06/07/2010 22:18	500	U UJ	150	500
88-06-2	2,4,6-Trichlorophenol	06/07/2010 22:18	370	U UJ	110	370
120-83-2	2,4-Dichlorophenol	06/07/2010 22:18	450	U UJ	130	450
105-67-9	2,4-Dimethylphenol	06/07/2010 22:18	370	U UJ	110	370
51-28-5	2,4-Dinitrophenol	06/07/2010 22:18	1000	U UJ	300	1000
121-14-2	2,4-Dinitrotoluene	06/07/2010 22:18	140	U	33	140
606-20-2	2,6-Dinitrotoluene	06/07/2010 22:18	140	U	28	140
91-58-7	2-Chloronaphthalene	06/07/2010 22:18	140	U	18	140
95-57-8	2-Chlorophenol	06/07/2010 22:18	500	U UJ	150	500
91-57-6	2-Methylnaphthalene	06/07/2010 22:18	140	U	27	140
95-48-7	2-Methylphenol	06/07/2010 22:18	480	U UJ	140	480
88-74-4	2-Nitroaniline	06/07/2010 22:18	140	U	37	140
88-75-5	2-Nitrophenol	06/07/2010 22:18	570	U UJ	170	570
1319-77-3	3 & 4-Methylphenol	06/07/2010 22:18	500	U UJ	150	500
91-94-1	3,3'-Dichlorobenzidine	06/07/2010 22:18	1300	U	390	1300
99-09-2	3-Nitroaniline	06/07/2010 22:18	160	U	45	160
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010 22:18	710	U UJ	100	710
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010 22:18	140	U	14	140
59-50-7	4-Chloro-3-methylphenol	06/07/2010 22:18	440	U UJ	130	440

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CT LABORATORIES
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Sample Description: SIS7SS09

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.04 (g/L)	CTL Sample ID:	801629
% Solids:	70.4	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 22:18	310	U	92	310
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 22:18	160	U	44	160
100-01-6	4-Nitroaniline	06/07/2010 22:18	160	U	44	160
100-02-7	4-Nitrophenol	06/07/2010 22:18	1600	U UJ	460	1600
83-32-9	Acenaphthene	06/07/2010 22:18	140	U	21	140
208-96-8	Acenaphthylene	06/07/2010 22:18	140	U	28	140
120-12-7	Anthracene	06/07/2010 22:18	140	U	14	140
56-55-3	Benzo(a)anthracene	06/07/2010 22:18	35	J J	13	140
50-32-8	Benzo(a)pyrene	06/07/2010 22:18	27	J J	27	140
205-99-2	Benzo(b)fluoranthene	06/07/2010 22:18	49	J J	16	140
191-24-2	Benzo(g,h,i)perylene	06/07/2010 22:18	140	U	35	140
207-08-9	Benzo(k)fluoranthene	06/07/2010 22:18	140	U	30	140
65-85-0	Benzoic acid	06/07/2010 22:18	620	J J	410	1400
100-51-6	Benzyl alcohol	06/07/2010 22:18	380	U	110	380
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 22:18	140	U	28	140
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 22:18	140	U	20	140
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 22:18	140	U	16	140
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 22:18	160	B U	40	140
85-68-7	Butylbenzylphthalate	06/07/2010 22:18	140	U	34	140
86-74-8	Carbazole	06/07/2010 22:18	140	U	16	140
218-01-9	Chrysene	06/07/2010 22:18	30	J J	17	140
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 22:18	140	U	16	140
132-64-9	Dibenzofuran	06/07/2010 22:18	180	U	52	180
84-66-2	Diethylphthalate	06/07/2010 22:18	180	U	54	180

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CT LABORATORIES
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Sample Description: SIS7SS09

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.04 (g/L)	CTL Sample ID:	801629
% Solids:	70.4	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 22:18	140	U		37	140
84-74-2	Di-n-butylphthalate	06/07/2010 22:18	60	J	J	57	200
117-84-0	Di-n-octylphthalate	06/07/2010 22:18	180	U		55	180
206-44-0	Fluoranthene	06/07/2010 22:18	64	J	J	30	140
86-73-7	Fluorene	06/07/2010 22:18	140	U		16	140
118-74-1	Hexachlorobenzene	06/07/2010 22:18	140	U		21	140
87-68-3	Hexachlorobutadiene	06/07/2010 22:18	140	U		44	140
67-72-1	Hexachloroethane	06/07/2010 22:18	140	U		24	140
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 22:18	19	J	J	11	140
78-59-1	Isophorone	06/07/2010 22:18	140	U		38	140
91-20-3	Naphthalene	06/07/2010 22:18	140	U		13	140
98-95-3	Nitrobenzene	06/07/2010 22:18	200	U		57	200
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 22:18	160	U		42	160
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 22:18	280	U		24	280
87-86-5	Pentachlorophenol	06/07/2010 22:18	710	U	UJ	99	710
85-01-8	Phenanthrene	06/07/2010 22:18	36	J	J	16	140
108-95-2	Phenol	06/07/2010 22:18	580	U	UJ	170	580
129-00-0	Pyrene	06/07/2010 22:18	55	J	J	16	140

CT LABORATORIES
delivering more than data from your environmental analyses

Sample Description: SIS7SB09

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.08 (g/L)	CTL Sample ID:	801630
% Solids:	62.5	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010 22:38	160	U	25	160
95-50-1	1,2-Dichlorobenzene	06/07/2010 22:38	160	U	16	160
541-73-1	1,3-Dichlorobenzene	06/07/2010 22:38	160	U	17	160
106-46-7	1,4-Dichlorobenzene	06/07/2010 22:38	160	U	21	160
95-95-4	2,4,5-Trichlorophenol	06/07/2010 22:38	560	U	170	560
88-06-2	2,4,6-Trichlorophenol	06/07/2010 22:38	410	U	120	410
120-83-2	2,4-Dichlorophenol	06/07/2010 22:38	510	U	150	510
105-67-9	2,4-Dimethylphenol	06/07/2010 22:38	410	U	120	410
51-28-5	2,4-Dinitrophenol	06/07/2010 22:38	1100	U UJ	330	1100
121-14-2	2,4-Dinitrotoluene	06/07/2010 22:38	160	U	37	160
606-20-2	2,6-Dinitrotoluene	06/07/2010 22:38	160	U	32	160
91-58-7	2-Chloronaphthalene	06/07/2010 22:38	160	U	21	160
95-57-8	2-Chlorophenol	06/07/2010 22:38	560	U	170	560
91-57-6	2-Methylnaphthalene	06/07/2010 22:38	160	U	30	160
95-48-7	2-Methylphenol	06/07/2010 22:38	540	U	160	540
88-74-4	2-Nitroaniline	06/07/2010 22:38	160	U	41	160
88-75-5	2-Nitrophenol	06/07/2010 22:38	630	U	190	630
1319-77-3	3 & 4-Methylphenol	06/07/2010 22:38	560	U	170	560
91-94-1	3,3'-Dichlorobenzidine	06/07/2010 22:38	1500	U	440	1500
99-09-2	3-Nitroaniline	06/07/2010 22:38	170	U	51	170
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010 22:38	790	U	110	790
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010 22:38	160	U	16	160
59-50-7	4-Chloro-3-methylphenol	06/07/2010 22:38	490	U	140	490

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Sample Description: SIS7SB09

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.08 (g/L)	CTL Sample ID:	801630
% Solids:	62.5	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 22:38	350	U	100	350
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 22:38	170	U	49	170
100-01-6	4-Nitroaniline	06/07/2010 22:38	170	U	49	170
100-02-7	4-Nitrophenol	06/07/2010 22:38	1700	U	510	1700
83-32-9	Acenaphthene	06/07/2010 22:38	160	U	24	160
208-96-8	Acenaphthylene	06/07/2010 22:38	160	U	32	160
120-12-7	Anthracene	06/07/2010 22:38	160	U	16	160
56-55-3	Benzo(a)anthracene	06/07/2010 22:38	29	J J	14	160
50-32-8	Benzo(a)pyrene	06/07/2010 22:38	160	U	30	160
205-99-2	Benzo(b)fluoranthene	06/07/2010 22:38	27	J J	17	160
191-24-2	Benzo(g,h,i)perylene	06/07/2010 22:38	160	U	40	160
207-08-9	Benzo(k)fluoranthene	06/07/2010 22:38	160	U	33	160
65-85-0	Benzoic acid	06/07/2010 22:38	580	J J	460	1600
100-51-6	Benzyl alcohol	06/07/2010 22:38	430	U	120	430
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 22:38	160	U	32	160
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 22:38	160	U	22	160
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 22:38	160	U	17	160
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 22:38	130	J B U	44	160
85-68-7	Butylbenzylphthalate	06/07/2010 22:38	160	U	38	160
86-74-8	Carbazole	06/07/2010 22:38	160	U	17	160
218-01-9	Chrysene	06/07/2010 22:38	20	J J	19	160
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 22:38	160	U	17	160
132-64-9	Dibenzofuran	06/07/2010 22:38	210	U	59	210
84-66-2	Diethylphthalate	06/07/2010 22:38	210	U	60	210

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CT LABORATORIES
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Sample Description: SIS7SB09

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.08 (g/L)	CTL Sample ID:	801630
% Solids:	62.5	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33301
Analytical Run #:	67388	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010	22:38	160	U		41	160
84-74-2	Di-n-butylphthalate	06/07/2010	22:38	87	J	J	63	220
117-84-0	Di-n-octylphthalate	06/07/2010	22:38	210	U		62	210
206-44-0	Fluoranthene	06/07/2010	22:38	44	J	J	33	160
86-73-7	Fluorene	06/07/2010	22:38	160	U		17	160
118-74-1	Hexachlorobenzene	06/07/2010	22:38	160	U		24	160
87-68-3	Hexachlorobutadiene	06/07/2010	22:38	160	U		49	160
67-72-1	Hexachloroethane	06/07/2010	22:38	160	U		27	160
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010	22:38	160	U		13	160
78-59-1	Isophorone	06/07/2010	22:38	160	U		43	160
91-20-3	Naphthalene	06/07/2010	22:38	160	U		14	160
98-95-3	Nitrobenzene	06/07/2010	22:38	220	U		63	220
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010	22:38	170	U		48	170
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010	22:38	320	U		27	320
87-86-5	Pentachlorophenol	06/07/2010	22:38	790	U		110	790
85-01-8	Phenanthrene	06/07/2010	22:38	25	J	J	17	160
108-95-2	Phenol	06/07/2010	22:38	650	U		190	650
129-00-0	Pyrene	06/07/2010	22:38	38	J	J	17	160

CT LABORATORIES
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Sample Description: SIS7SS04

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.97 (g/L)	CTL Sample ID:	801631
% Solids:	46.6	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010	17:27	220	U		34	220
95-50-1	1,2-Dichlorobenzene	06/07/2010	17:27	220	U		22	220
541-73-1	1,3-Dichlorobenzene	06/07/2010	17:27	220	U		24	220
106-46-7	1,4-Dichlorobenzene	06/07/2010	17:27	220	U		28	220
95-95-4	2,4,5-Trichlorophenol	06/07/2010	17:27	750	U	R	230	750
88-06-2	2,4,6-Trichlorophenol	06/07/2010	17:27	560	U M	R	160	560
120-83-2	2,4-Dichlorophenol	06/07/2010	17:27	690	U M	R	200	690
105-67-9	2,4-Dimethylphenol	06/07/2010	17:27	560	U M	R	170	560
51-28-5	2,4-Dinitrophenol	06/07/2010	17:27	1500	U	R	450	1500
121-14-2	2,4-Dinitrotoluene	06/07/2010	17:27	220	U		50	220
606-20-2	2,6-Dinitrotoluene	06/07/2010	17:27	220	U		43	220
91-58-7	2-Chloronaphthalene	06/07/2010	17:27	220	U		28	220
95-57-8	2-Chlorophenol	06/07/2010	17:27	750	U	R	230	750
91-57-6	2-Methylnaphthalene	06/07/2010	17:27	220	U		41	220
95-48-7	2-Methylphenol	06/07/2010	17:27	730	U M	R	220	730
88-74-4	2-Nitroaniline	06/07/2010	17:27	220	U		56	220
88-75-5	2-Nitrophenol	06/07/2010	17:27	860	U	R	250	860
1319-77-3	3 & 4-Methylphenol	06/07/2010	17:27	750	U M	R	220	750
91-94-1	3,3'-Dichlorobenzidine	06/07/2010	17:27	2000	U M	R	600	2000
99-09-2	3-Nitroaniline	06/07/2010	17:27	240	U		69	240
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010	17:27	1100	U	R	150	1100
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010	17:27	220	U		22	220
59-50-7	4-Chloro-3-methylphenol	06/07/2010	17:27	670	U	R	200	670

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1B
SEMIVOLATILE ORGANICS ANALYSIS

Sample Description: SIS7SS04

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.97 (g/L)	CTL Sample ID:	801631
% Solids:	46.6	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 17:27	470	U M UJ	140	470
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 17:27	240	U	67	240
100-01-6	4-Nitroaniline	06/07/2010 17:27	240	U	67	240
100-02-7	4-Nitrophenol	06/07/2010 17:27	2400	U R	690	2400
83-32-9	Acenaphthene	06/07/2010 17:27	220	U	32	220
208-96-8	Acenaphthylene	06/07/2010 17:27	220	U M UJ	43	220
120-12-7	Anthracene	06/07/2010 17:27	220	U M UJ	22	220
56-55-3	Benzo(a)anthracene	06/07/2010 17:27	34	J J	19	220
50-32-8	Benzo(a)pyrene	06/07/2010 17:27	220	U M UJ	41	220
205-99-2	Benzo(b)fluoranthene	06/07/2010 17:27	33	J J	24	220
191-24-2	Benzo(g,h,i)perylene	06/07/2010 17:27	220	U	54	220
207-08-9	Benzo(k)fluoranthene	06/07/2010 17:27	220	U	45	220
65-85-0	Benzoic acid	06/07/2010 17:27	940	J J	630	2100
100-51-6	Benzyl alcohol	06/07/2010 17:27	580	U	170	580
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 17:27	220	U	43	220
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 17:27	220	U	30	220
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 17:27	220	U	24	220
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 17:27	130	J B U	60	220
85-68-7	Butylbenzylphthalate	06/07/2010 17:27	220	U	52	220
86-74-8	Carbazole	06/07/2010 17:27	220	U	24	220
218-01-9	Chrysene	06/07/2010 17:27	30	J M J	26	220
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 17:27	220	U	24	220
132-64-9	Dibenzofuran	06/07/2010 17:27	280	U	80	280
84-66-2	Diethylphthalate	06/07/2010 17:27	280	U	82	280

CT LABORATORIES
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Sample Description: SIS7SS04

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.97 (g/L)	CTL Sample ID:	801631
% Solids:	46.6	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 17:27	220	U	56	220
84-74-2	Di-n-butylphthalate	06/07/2010 17:27	110	J B J	86	300
117-84-0	Di-n-octylphthalate	06/07/2010 17:27	280	U	84	280
206-44-0	Fluoranthene	06/07/2010 17:27	63	J M J	45	220
86-73-7	Fluorene	06/07/2010 17:27	220	U	24	220
118-74-1	Hexachlorobenzene	06/07/2010 17:27	220	U	32	220
87-68-3	Hexachlorobutadiene	06/07/2010 17:27	220	U	67	220
67-72-1	Hexachloroethane	06/07/2010 17:27	220	U	37	220
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 17:27	23	J J	17	220
78-59-1	Isophorone	06/07/2010 17:27	220	U	58	220
91-20-3	Naphthalene	06/07/2010 17:27	220	U	19	220
98-95-3	Nitrobenzene	06/07/2010 17:27	300	U	86	300
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 17:27	240	U	65	240
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 17:27	430	U M UJ	37	430
87-86-5	Pentachlorophenol	06/07/2010 17:27	1100	U R	150	1100
85-01-8	Phenanthrene	06/07/2010 17:27	31	J J	24	220
108-95-2	Phenol	06/07/2010 17:27	880	U R	260	880
129-00-0	Pyrene	06/07/2010 17:27	48	J J	24	220

CT LABORATORIES
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Sample Description: SIS7SB04

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801632
% Solids:	46.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		

TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*): /

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010	18:29	210	U	34	210
95-50-1	1,2-Dichlorobenzene	06/07/2010	18:29	210	U	21	210
541-73-1	1,3-Dichlorobenzene	06/07/2010	18:29	210	U	23	210
106-46-7	1,4-Dichlorobenzene	06/07/2010	18:29	210	U	28	210
95-95-4	2,4,5-Trichlorophenol	06/07/2010	18:29	750	U R	220	750
88-06-2	2,4,6-Trichlorophenol	06/07/2010	18:29	550	U R	160	550
120-83-2	2,4-Dichlorophenol	06/07/2010	18:29	680	U R	200	680
105-67-9	2,4-Dimethylphenol	06/07/2010	18:29	550	U R	160	550
51-28-5	2,4-Dinitrophenol	06/07/2010	18:29	1500	U R	450	1500
121-14-2	2,4-Dinitrotoluene	06/07/2010	18:29	210	U	49	210
606-20-2	2,6-Dinitrotoluene	06/07/2010	18:29	210	U	43	210
91-58-7	2-Chloronaphthalene	06/07/2010	18:29	210	U	28	210
95-57-8	2-Chlorophenol	06/07/2010	18:29	750	U R	220	750
91-57-6	2-Methylnaphthalene	06/07/2010	18:29	210	U	40	210
95-48-7	2-Methylphenol	06/07/2010	18:29	720	U R	220	720
88-74-4	2-Nitroaniline	06/07/2010	18:29	210	U	55	210
88-75-5	2-Nitrophenol	06/07/2010	18:29	850	U R	250	850
1319-77-3	3 & 4-Methylphenol	06/07/2010	18:29	750	U R	220	750
91-94-1	3,3'-Dichlorobenzidine	06/07/2010	18:29	2000	U	590	2000
99-09-2	3-Nitroaniline	06/07/2010	18:29	230	U	68	230
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010	18:29	1100	U R	150	1100
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010	18:29	210	U	21	210
59-50-7	4-Chloro-3-methylphenol	06/07/2010	18:29	660	U R	190	660

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Sample Description: SIS7SB04

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801632
% Solids:	46.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010	18:29	470	U		140	470
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010	18:29	230	U		66	230
100-01-6	4-Nitroaniline	06/07/2010	18:29	230	U		66	230
100-02-7	4-Nitrophenol	06/07/2010	18:29	2300	U	R	690	2300
83-32-9	Acenaphthene	06/07/2010	18:29	210	U		32	210
208-96-8	Acenaphthylene	06/07/2010	18:29	210	U		43	210
120-12-7	Anthracene	06/07/2010	18:29	210	U		21	210
56-55-3	Benzo(a)anthracene	06/07/2010	18:29	30	J	J	19	210
50-32-8	Benzo(a)pyrene	06/07/2010	18:29	210	U		40	210
205-99-2	Benzo(b)fluoranthene	06/07/2010	18:29	40	J	J	23	210
191-24-2	Benzo(g,h,i)perylene	06/07/2010	18:29	210	U		53	210
207-08-9	Benzo(k)fluoranthene	06/07/2010	18:29	210	U		45	210
65-85-0	Benzoic acid	06/07/2010	18:29	980	J	J	620	2100
100-51-6	Benzyl alcohol	06/07/2010	18:29	580	U		170	580
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010	18:29	210	U		43	210
111-44-4	Bis(2-chloroethyl)ether	06/07/2010	18:29	210	U		30	210
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010	18:29	210	U		23	210
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010	18:29	99	J	B U	60	210
85-68-7	Butylbenzylphthalate	06/07/2010	18:29	210	U		51	210
86-74-8	Carbazole	06/07/2010	18:29	210	U		23	210
218-01-9	Chrysene	06/07/2010	18:29	28	J	J	26	210
53-70-3	Dibenzo(a,h)anthracene	06/07/2010	18:29	210	U		23	210
132-64-9	Dibenzofuran	06/07/2010	18:29	280	U		79	280
84-66-2	Diethylphthalate	06/07/2010	18:29	280	U		81	280

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CT LABORATORIES
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Sample Description: SIS7SB04

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801632
% Solids:	46.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010	18:29	210	U		55	210
84-74-2	Di-n-butylphthalate	06/07/2010	18:29	130	J B	J	85	300
117-84-0	Di-n-octylphthalate	06/07/2010	18:29	280	U		83	280
206-44-0	Fluoranthene	06/07/2010	18:29	55	J	J	45	210
86-73-7	Fluorene	06/07/2010	18:29	210	U		23	210
118-74-1	Hexachlorobenzene	06/07/2010	18:29	210	U		32	210
87-68-3	Hexachlorobutadiene	06/07/2010	18:29	220	U		66	220
67-72-1	Hexachloroethane	06/07/2010	18:29	210	U		36	210
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010	18:29	22	J	J	17	210
78-59-1	Isophorone	06/07/2010	18:29	210	U		58	210
91-20-3	Naphthalene	06/07/2010	18:29	210	U		19	210
98-95-3	Nitrobenzene	06/07/2010	18:29	300	U		85	300
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010	18:29	230	U		64	230
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010	18:29	430	U		36	430
87-86-5	Pentachlorophenol	06/07/2010	18:29	1100	U	R	150	1100
85-01-8	Phenanthrene	06/07/2010	18:29	27	J	J	23	210
108-95-2	Phenol	06/07/2010	18:29	870	U	R	260	870
129-00-0	Pyrene	06/07/2010	18:29	42	J	J	23	210

CT LABORATORIES
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Sample Description: SIS7SB04 DUPE

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801633
% Solids:	46.2	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		

TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*): /

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/09/2010 11:45	220	U	35	220
95-50-1	1,2-Dichlorobenzene	06/09/2010 11:45	220	U	22	220
541-73-1	1,3-Dichlorobenzene	06/09/2010 11:45	220	U	24	220
106-46-7	1,4-Dichlorobenzene	06/09/2010 11:45	220	U	28	220
95-95-4	2,4,5-Trichlorophenol	06/09/2010 11:45	760	U UJ	230	760
88-06-2	2,4,6-Trichlorophenol	06/09/2010 11:45	560	U UJ	160	560
120-83-2	2,4-Dichlorophenol	06/09/2010 11:45	690	U UJ	200	690
105-67-9	2,4-Dimethylphenol	06/09/2010 11:45	560	U UJ	170	560
51-28-5	2,4-Dinitrophenol	06/09/2010 11:45	1500	U UJ	460	1500
121-14-2	2,4-Dinitrotoluene	06/09/2010 11:45	220	U	50	220
606-20-2	2,6-Dinitrotoluene	06/09/2010 11:45	220	U	43	220
91-58-7	2-Chloronaphthalene	06/09/2010 11:45	220	U	28	220
95-57-8	2-Chlorophenol	06/09/2010 11:45	760	U UJ	230	760
91-57-6	2-Methylnaphthalene	06/09/2010 11:45	220	U	41	220
95-48-7	2-Methylphenol	06/09/2010 11:45	740	U UJ	220	740
88-74-4	2-Nitroaniline	06/09/2010 11:45	220	U	56	220
88-75-5	2-Nitrophenol	06/09/2010 11:45	870	U UJ	260	870
1319-77-3	3 & 4-Methylphenol	06/09/2010 11:45	760	U UJ	230	760
91-94-1	3,3'-Dichlorobenzidine	06/09/2010 11:45	2000	U UJ	600	2000
99-09-2	3-Nitroaniline	06/09/2010 11:45	240	U	69	240
534-52-1	4,6-Dinitro-2-methylphenol	06/09/2010 11:45	1100	U UJ	150	1100
101-55-3	4-Bromophenyl-phenyl ether	06/09/2010 11:45	220	U	22	220
59-50-7	4-Chloro-3-methylphenol	06/09/2010 11:45	670	U UJ	200	670

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CT LABORATORIES
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1B
SEMIVOLATILE ORGANICS ANALYSIS

Sample Description: **SIS7SB04 DUPE**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801633
% Solids:	46.2	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
106-47-8	4-Chloroaniline	06/09/2010 11:45	480	U	140	480
7005-72-3	4-Chlorophenyl-phenyl ether	06/09/2010 11:45	240	U	67	240
100-01-6	4-Nitroaniline	06/09/2010 11:45	240	U	67	240
100-02-7	4-Nitrophenol	06/09/2010 11:45	2400	U UJ	700	2400
83-32-9	Acenaphthene	06/09/2010 11:45	220	U	32	220
208-96-8	Acenaphthylene	06/09/2010 11:45	220	U	43	220
120-12-7	Anthracene	06/09/2010 11:45	220	U	22	220
56-55-3	Benzo(a)anthracene	06/09/2010 11:45	220	U	19	220
50-32-8	Benzo(a)pyrene	06/09/2010 11:45	220	U	41	220
205-99-2	Benzo(b)fluoranthene	06/09/2010 11:45	220	U	24	220
191-24-2	Benzo(g,h,i)perylene	06/09/2010 11:45	220	U	54	220
207-08-9	Benzo(k)fluoranthene	06/09/2010 11:45	220	U	45	220
65-85-0	Benzoic acid	06/09/2010 11:45	840	J J	630	2100
100-51-6	Benzyl alcohol	06/09/2010 11:45	580	U	170	580
111-91-1	Bis(2-chloroethoxy)methane	06/09/2010 11:45	220	U	43	220
111-44-4	Bis(2-chloroethyl)ether	06/09/2010 11:45	220	U	30	220
108-60-1	Bis(2-chloroisopropyl)ether	06/09/2010 11:45	220	U	24	220
117-81-7	Bis(2-ethylhexyl)phthalate	06/09/2010 11:45	130	J B U	61	220
85-68-7	Butylbenzylphthalate	06/09/2010 11:45	220	U	52	220
86-74-8	Carbazole	06/09/2010 11:45	220	U	24	220
218-01-9	Chrysene	06/09/2010 11:45	220	U	26	220
53-70-3	Dibenzo(a,h)anthracene	06/09/2010 11:45	220	U	24	220
132-64-9	Dibenzofuran	06/09/2010 11:45	280	U	80	280
84-66-2	Diethylphthalate	06/09/2010 11:45	280	U	82	280

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CT LABORATORIES
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Sample Description: SIS7SB04 DUPE

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801633
% Solids:	46.2	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/09/2010 11:45	220	U	56	220
84-74-2	Di-n-butylphthalate	06/09/2010 11:45	130	J B J	87	300
117-84-0	Di-n-octylphthalate	06/09/2010 11:45	280	U	84	280
206-44-0	Fluoranthene	06/09/2010 11:45	220	U	45	220
86-73-7	Fluorene	06/09/2010 11:45	220	U	24	220
118-74-1	Hexachlorobenzene	06/09/2010 11:45	220	U	32	220
87-68-3	Hexachlorobutadiene	06/09/2010 11:45	220	U	67	220
67-72-1	Hexachloroethane	06/09/2010 11:45	220	U	37	220
193-39-5	Indeno(1,2,3-cd)pyrene	06/09/2010 11:45	220	U	17	220
78-59-1	Isophorone	06/09/2010 11:45	220	U	58	220
91-20-3	Naphthalene	06/09/2010 11:45	220	U	19	220
98-95-3	Nitrobenzene	06/09/2010 11:45	300	U	87	300
621-64-7	N-Nitroso-di-n-propylamine	06/09/2010 11:45	240	U	65	240
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/09/2010 11:45	430	U	37	430
87-86-5	Pentachlorophenol	06/09/2010 11:45	1100	U UJ	150	1100
85-01-8	Phenanthrene	06/09/2010 11:45	24	J J	24	220
108-95-2	Phenol	06/09/2010 11:45	890	U UJ	260	890
129-00-0	Pyrene	06/09/2010 11:45	29	J J	24	220

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CT LABORATORIES
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Sample Description: SIS18SS25

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801709
% Solids:	60.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/09/2010	12:05	160	U		26	160
95-50-1	1,2-Dichlorobenzene	06/09/2010	12:05	160	U		16	160
541-73-1	1,3-Dichlorobenzene	06/09/2010	12:05	160	U		18	160
106-46-7	1,4-Dichlorobenzene	06/09/2010	12:05	160	U		21	160
95-95-4	2,4,5-Trichlorophenol	06/09/2010	12:05	580	U	UJ	170	580
88-06-2	2,4,6-Trichlorophenol	06/09/2010	12:05	430	U	UJ	130	430
120-83-2	2,4-Dichlorophenol	06/09/2010	12:05	530	U	UJ	150	530
105-67-9	2,4-Dimethylphenol	06/09/2010	12:05	430	U	UJ	130	430
51-28-5	2,4-Dinitrophenol	06/09/2010	12:05	1200	U	UJ	350	1200
121-14-2	2,4-Dinitrotoluene	06/09/2010	12:05	160	U		38	160
606-20-2	2,6-Dinitrotoluene	06/09/2010	12:05	160	U		33	160
91-58-7	2-Chloronaphthalene	06/09/2010	12:05	160	U		21	160
95-57-8	2-Chlorophenol	06/09/2010	12:05	580	U	UJ	170	580
91-57-6	2-Methylnaphthalene	06/09/2010	12:05	160	U		31	160
95-48-7	2-Methylphenol	06/09/2010	12:05	560	U	UJ	170	560
88-74-4	2-Nitroaniline	06/09/2010	12:05	160	U		43	160
88-75-5	2-Nitrophenol	06/09/2010	12:05	660	U	UJ	190	660
1319-77-3	3 & 4-Methylphenol	06/09/2010	12:05	580	U	UJ	170	580
91-94-1	3,3'-Dichlorobenzidine	06/09/2010	12:05	1500	U		460	1500
99-09-2	3-Nitroaniline	06/09/2010	12:05	180	U		53	180
534-52-1	4,6-Dinitro-2-methylphenol	06/09/2010	12:05	820	U	UJ	120	820
101-55-3	4-Bromophenyl-phenyl ether	06/09/2010	12:05	160	U		16	160
59-50-7	4-Chloro-3-methylphenol	06/09/2010	12:05	510	U	UJ	150	510

CT LABORATORIES
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Sample Description: SIS18SS25

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801709
% Solids:	60.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/09/2010	12:05	360	U		110	360
7005-72-3	4-Chlorophenyl-phenyl ether	06/09/2010	12:05	180	U		51	180
100-01-6	4-Nitroaniline	06/09/2010	12:05	180	U		51	180
100-02-7	4-Nitrophenol	06/09/2010	12:05	1800	U	UJ	530	1800
83-32-9	Acenaphthene	06/09/2010	12:05	160	U		25	160
208-96-8	Acenaphthylene	06/09/2010	12:05	160	U		33	160
120-12-7	Anthracene	06/09/2010	12:05	160	U		16	160
56-55-3	Benzo(a)anthracene	06/09/2010	12:05	69	J	J	15	160
50-32-8	Benzo(a)pyrene	06/09/2010	12:05	56	J	J	31	160
205-99-2	Benzo(b)fluoranthene	06/09/2010	12:05	120	J	J	18	160
191-24-2	Benzo(g,h,i)perylene	06/09/2010	12:05	160	U		41	160
207-08-9	Benzo(k)fluoranthene	06/09/2010	12:05	160	U		35	160
65-85-0	Benzoic acid	06/09/2010	12:05	720	J	J	480	1600
100-51-6	Benzyl alcohol	06/09/2010	12:05	440	U		130	440
111-91-1	Bis(2-chloroethoxy)methane	06/09/2010	12:05	160	U		33	160
111-44-4	Bis(2-chloroethyl)ether	06/09/2010	12:05	160	U		23	160
108-60-1	Bis(2-chloroisopropyl)ether	06/09/2010	12:05	160	U		18	160
117-81-7	Bis(2-ethylhexyl)phthalate	06/09/2010	12:05	650	B	U	46	160
85-68-7	Butylbenzylphthalate	06/09/2010	12:05	63	J	J	39	160
86-74-8	Carbazole	06/09/2010	12:05	160	U		18	160
218-01-9	Chrysene	06/09/2010	12:05	73	J	J	20	160
53-70-3	Dibenzo(a,h)anthracene	06/09/2010	12:05	160	U		18	160
132-64-9	Dibenzofuran	06/09/2010	12:05	210	U		61	210
84-66-2	Diethylphthalate	06/09/2010	12:05	210	U		63	210

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Sample Description: SIS18SS25

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801709
% Solids:	60.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/09/2010	12:05	160	U		43	160
84-74-2	Di-n-butylphthalate	06/09/2010	12:05	160	J	B J	66	230
117-84-0	Di-n-octylphthalate	06/09/2010	12:05	210	U		64	210
206-44-0	Fluoranthene	06/09/2010	12:05	140	J	J	35	160
86-73-7	Fluorene	06/09/2010	12:05	160	U		18	160
118-74-1	Hexachlorobenzene	06/09/2010	12:05	160	U		25	160
87-68-3	Hexachlorobutadiene	06/09/2010	12:05	170	U		51	170
67-72-1	Hexachloroethane	06/09/2010	12:05	160	U		28	160
193-39-5	Indeno(1,2,3-cd)pyrene	06/09/2010	12:05	31	J	J	13	160
78-59-1	Isophorone	06/09/2010	12:05	160	U		44	160
91-20-3	Naphthalene	06/09/2010	12:05	160	U		15	160
98-95-3	Nitrobenzene	06/09/2010	12:05	230	U		66	230
621-64-7	N-Nitroso-di-n-propylamine	06/09/2010	12:05	180	U		49	180
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/09/2010	12:05	330	U		28	330
87-86-5	Pentachlorophenol	06/09/2010	12:05	820	U	UJ	120	820
85-01-8	Phenanthrene	06/09/2010	12:05	48	J	J	18	160
108-95-2	Phenol	06/09/2010	12:05	670	U	UJ	200	670
129-00-0	Pyrene	06/09/2010	12:05	120	J	J	18	160

CT LABORATORIES
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Sample Description: SIS18SS25 DUPE

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.02 (g/L)	CTL Sample ID:	801710
% Solids:	68.0	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/kg	

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010 19:31	150	U	UJ	23	150
95-50-1	1,2-Dichlorobenzene	06/07/2010 19:31	150	U	UJ	15	150
541-73-1	1,3-Dichlorobenzene	06/07/2010 19:31	150	U	UJ	16	150
106-46-7	1,4-Dichlorobenzene	06/07/2010 19:31	150	U	UJ	19	150
95-95-4	2,4,5-Trichlorophenol	06/07/2010 19:31	510	U	UJ	150	510
88-06-2	2,4,6-Trichlorophenol	06/07/2010 19:31	380	U	UJ	110	380
120-83-2	2,4-Dichlorophenol	06/07/2010 19:31	470	U	UJ	140	470
105-67-9	2,4-Dimethylphenol	06/07/2010 19:31	380	U	UJ	110	380
51-28-5	2,4-Dinitrophenol	06/07/2010 19:31	1000	U	UJ	310	1000
121-14-2	2,4-Dinitrotoluene	06/07/2010 19:31	150	U	UJ	34	150
606-20-2	2,6-Dinitrotoluene	06/07/2010 19:31	150	U	UJ	29	150
91-58-7	2-Chloronaphthalene	06/07/2010 19:31	150	U	UJ	19	150
95-57-8	2-Chlorophenol	06/07/2010 19:31	510	U	UJ	150	510
91-57-6	2-Methylnaphthalene	06/07/2010 19:31	150	U	UJ	28	150
95-48-7	2-Methylphenol	06/07/2010 19:31	500	U	UJ	150	500
88-74-4	2-Nitroaniline	06/07/2010 19:31	150	U	UJ	38	150
88-75-5	2-Nitrophenol	06/07/2010 19:31	590	U	UJ	170	590
1319-77-3	3 & 4-Methylphenol	06/07/2010 19:31	510	U	UJ	150	510
91-94-1	3,3'-Dichlorobenzidine	06/07/2010 19:31	1400	U	UJ	410	1400
99-09-2	3-Nitroaniline	06/07/2010 19:31	160	U	UJ	47	160
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010 19:31	730	U	UJ	100	730
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010 19:31	150	U	UJ	15	150
59-50-7	4-Chloro-3-methylphenol	06/07/2010 19:31	450	U	UJ	130	450

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CT LABORATORIES
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Sample Description: SIS18SS25 DUPE

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.02 (g/L)	CTL Sample ID:	801710
% Solids:	68.0	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010	19:31	320	U	UJ	95	320
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010	19:31	160	U	UJ	45	160
100-01-6	4-Nitroaniline	06/07/2010	19:31	160	U	UJ	45	160
100-02-7	4-Nitrophenol	06/07/2010	19:31	1600	U	UJ	470	1600
83-32-9	Acenaphthene	06/07/2010	19:31	150	U	UJ	22	150
208-96-8	Acenaphthylene	06/07/2010	19:31	150	U	UJ	29	150
120-12-7	Anthracene	06/07/2010	19:31	150	U	UJ	15	150
56-55-3	Benzo(a)anthracene	06/07/2010	19:31	40	J	J	13	150
50-32-8	Benzo(a)pyrene	06/07/2010	19:31	150	U	UJ	28	150
205-99-2	Benzo(b)fluoranthene	06/07/2010	19:31	41	J	J	16	150
191-24-2	Benzo(g,h,i)perylene	06/07/2010	19:31	150	U	UJ	37	150
207-08-9	Benzo(k)fluoranthene	06/07/2010	19:31	150	U	UJ	31	150
65-85-0	Benzoic acid	06/07/2010	19:31	610	J	J	430	1400
100-51-6	Benzyl alcohol	06/07/2010	19:31	400	U	UJ	110	400
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010	19:31	150	U	UJ	29	150
111-44-4	Bis(2-chloroethyl)ether	06/07/2010	19:31	150	U	UJ	21	150
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010	19:31	150	U	UJ	16	150
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010	19:31	440	B	U	41	150
85-68-7	Butylbenzylphthalate	06/07/2010	19:31	150	U	UJ	35	150
86-74-8	Carbazole	06/07/2010	19:31	150	U	UJ	16	150
218-01-9	Chrysene	06/07/2010	19:31	18	J	J	18	150
53-70-3	Dibenzo(a,h)anthracene	06/07/2010	19:31	150	U	UJ	16	150
132-64-9	Dibenzofuran	06/07/2010	19:31	190	U	UJ	54	190
84-66-2	Diethylphthalate	06/07/2010	19:31	190	U	UJ	56	190

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CT LABORATORIES
delivering more than data from your environmental analyses

Sample Description: SIS18SS25 DUPE

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.02 (g/L)	CTL Sample ID:	801710
% Solids:	68.0	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 19:31	150	U	UJ	38	150
84-74-2	Di-n-butylphthalate	06/07/2010 19:31	110	J B	J	59	210
117-84-0	Di-n-octylphthalate	06/07/2010 19:31	190	U	UJ	57	190
206-44-0	Fluoranthene	06/07/2010 19:31	49	J	J	31	150
86-73-7	Fluorene	06/07/2010 19:31	150	U	UJ	16	150
118-74-1	Hexachlorobenzene	06/07/2010 19:31	150	U	UJ	22	150
87-68-3	Hexachlorobutadiene	06/07/2010 19:31	150	U	UJ	45	150
67-72-1	Hexachloroethane	06/07/2010 19:31	150	U	UJ	25	150
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 19:31	17	J	J	12	150
78-59-1	Isophorone	06/07/2010 19:31	150	U	UJ	40	150
91-20-3	Naphthalene	06/07/2010 19:31	150	U	UJ	13	150
98-95-3	Nitrobenzene	06/07/2010 19:31	210	U	UJ	59	210
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 19:31	160	U	UJ	44	160
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 19:31	290	U	UJ	25	290
87-86-5	Pentachlorophenol	06/07/2010 19:31	730	U	UJ	100	730
85-01-8	Phenanthrene	06/07/2010 19:31	19	J	J	16	150
108-95-2	Phenol	06/07/2010 19:31	600	U	UJ	180	600
129-00-0	Pyrene	06/07/2010 19:31	41	J	J	16	150

CT LABORATORIES
delivering more than data from your environmental analyses

Sample Description: SIS18SS26

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.05 (g/L)	CTL Sample ID:	801711
% Solids:	84.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010	19:51	120	U	19	120
95-50-1	1,2-Dichlorobenzene	06/07/2010	19:51	120	U	12	120
541-73-1	1,3-Dichlorobenzene	06/07/2010	19:51	120	U	13	120
106-46-7	1,4-Dichlorobenzene	06/07/2010	19:51	120	U	15	120
95-95-4	2,4,5-Trichlorophenol	06/07/2010	19:51	410	U	120	410
88-06-2	2,4,6-Trichlorophenol	06/07/2010	19:51	310	U	89	310
120-83-2	2,4-Dichlorophenol	06/07/2010	19:51	380	U	110	380
105-67-9	2,4-Dimethylphenol	06/07/2010	19:51	310	U	90	310
51-28-5	2,4-Dinitrophenol	06/07/2010	19:51	830	U	250	830
121-14-2	2,4-Dinitrotoluene	06/07/2010	19:51	120	U	27	120
606-20-2	2,6-Dinitrotoluene	06/07/2010	19:51	120	U	23	120
91-58-7	2-Chloronaphthalene	06/07/2010	19:51	120	U	15	120
95-57-8	2-Chlorophenol	06/07/2010	19:51	410	U	120	410
91-57-6	2-Methylnaphthalene	06/07/2010	19:51	120	U	22	120
95-48-7	2-Methylphenol	06/07/2010	19:51	400	U	120	400
88-74-4	2-Nitroaniline	06/07/2010	19:51	120	U	31	120
88-75-5	2-Nitrophenol	06/07/2010	19:51	470	U	140	470
1319-77-3	3 & 4-Methylphenol	06/07/2010	19:51	410	U	120	410
91-94-1	3,3'-Dichlorobenzidine	06/07/2010	19:51	1100	U	330	1100
99-09-2	3-Nitroaniline	06/07/2010	19:51	130	U	38	130
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010	19:51	590	U	83	590
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010	19:51	120	U	12	120
59-50-7	4-Chloro-3-methylphenol	06/07/2010	19:51	360	U	110	360

CT LABORATORIES
delivering more than data from your environmental analyses

Sample Description: SIS18SS26

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.05 (g/L)	CTL Sample ID:	801711
% Solids:	84.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		

TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*): /

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 19:51	260	U		76	260
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 19:51	130	U		36	130
100-01-6	4-Nitroaniline	06/07/2010 19:51	130	U		36	130
100-02-7	4-Nitrophenol	06/07/2010 19:51	1300	U		380	1300
83-32-9	Acenaphthene	06/07/2010 19:51	120	U		18	120
208-96-8	Acenaphthylene	06/07/2010 19:51	120	U		23	120
120-12-7	Anthracene	06/07/2010 19:51	120	U		12	120
56-55-3	Benzo(a)anthracene	06/07/2010 19:51	14	J	J	11	120
50-32-8	Benzo(a)pyrene	06/07/2010 19:51	120	U		22	120
205-99-2	Benzo(b)fluoranthene	06/07/2010 19:51	120	U		13	120
191-24-2	Benzo(g,h,i)perylene	06/07/2010 19:51	120	U		29	120
207-08-9	Benzo(k)fluoranthene	06/07/2010 19:51	120	U		25	120
65-85-0	Benzoic acid	06/07/2010 19:51	450	J	J	340	1100
100-51-6	Benzyl alcohol	06/07/2010 19:51	320	U		92	320
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 19:51	120	U		23	120
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 19:51	120	U		16	120
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 19:51	120	U		13	120
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 19:51	210	B	U	33	120
85-68-7	Butylbenzylphthalate	06/07/2010 19:51	120	U		28	120
86-74-8	Carbazole	06/07/2010 19:51	120	U		13	120
218-01-9	Chrysene	06/07/2010 19:51	120	U		14	120
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 19:51	120	U		13	120
132-64-9	Dibenzofuran	06/07/2010 19:51	150	U		43	150
84-66-2	Diethylphthalate	06/07/2010 19:51	150	U		45	150

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CT LABORATORIES
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Sample Description: SIS18SS26

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.05 (g/L)	CTL Sample ID:	801711
% Solids:	84.8	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/kg	

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 19:51	120	U	31	120
84-74-2	Di-n-butylphthalate	06/07/2010 19:51	60	J B J	47	160
117-84-0	Di-n-octylphthalate	06/07/2010 19:51	150	U	46	150
206-44-0	Fluoranthene	06/07/2010 19:51	120	U	25	120
86-73-7	Fluorene	06/07/2010 19:51	120	U	13	120
118-74-1	Hexachlorobenzene	06/07/2010 19:51	120	U	18	120
87-68-3	Hexachlorobutadiene	06/07/2010 19:51	120	U	36	120
67-72-1	Hexachloroethane	06/07/2010 19:51	120	U	20	120
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 19:51	120	U	9.4	120
78-59-1	Isophorone	06/07/2010 19:51	120	U	32	120
91-20-3	Naphthalene	06/07/2010 19:51	120	U	11	120
98-95-3	Nitrobenzene	06/07/2010 19:51	160	U	47	160
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 19:51	130	U	35	130
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 19:51	230	U	20	230
87-86-5	Pentachlorophenol	06/07/2010 19:51	590	U	82	590
85-01-8	Phenanthrene	06/07/2010 19:51	120	U	13	120
108-95-2	Phenol	06/07/2010 19:51	480	U	140	480
129-00-0	Pyrene	06/07/2010 19:51	120	U	13	120

CT LABORATORIES
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Sample Description: SIS18SS27

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801712
% Solids:	86.2	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010 20:12	120	U	UJ	19	120
95-50-1	1,2-Dichlorobenzene	06/07/2010 20:12	120	U	UJ	12	120
541-73-1	1,3-Dichlorobenzene	06/07/2010 20:12	120	U	UJ	13	120
106-46-7	1,4-Dichlorobenzene	06/07/2010 20:12	120	U	UJ	15	120
95-95-4	2,4,5-Trichlorophenol	06/07/2010 20:12	410	U	UJ	120	410
88-06-2	2,4,6-Trichlorophenol	06/07/2010 20:12	300	U	UJ	88	300
120-83-2	2,4-Dichlorophenol	06/07/2010 20:12	370	U	UJ	110	370
105-67-9	2,4-Dimethylphenol	06/07/2010 20:12	300	U	UJ	89	300
51-28-5	2,4-Dinitrophenol	06/07/2010 20:12	820	U	UJ	240	820
121-14-2	2,4-Dinitrotoluene	06/07/2010 20:12	120	U	UJ	27	120
606-20-2	2,6-Dinitrotoluene	06/07/2010 20:12	120	U	UJ	23	120
91-58-7	2-Chloronaphthalene	06/07/2010 20:12	120	U	UJ	15	120
95-57-8	2-Chlorophenol	06/07/2010 20:12	410	U	UJ	120	410
91-57-6	2-Methylnaphthalene	06/07/2010 20:12	120	U	UJ	22	120
95-48-7	2-Methylphenol	06/07/2010 20:12	390	U	UJ	120	390
88-74-4	2-Nitroaniline	06/07/2010 20:12	120	U	UJ	30	120
88-75-5	2-Nitrophenol	06/07/2010 20:12	460	U	UJ	140	460
1319-77-3	3 & 4-Methylphenol	06/07/2010 20:12	410	U	UJ	120	410
91-94-1	3,3'-Dichlorobenzidine	06/07/2010 20:12	1100	U	UJ	320	1100
99-09-2	3-Nitroaniline	06/07/2010 20:12	130	U	UJ	37	130
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010 20:12	580	U	UJ	82	580
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010 20:12	120	U	UJ	12	120
59-50-7	4-Chloro-3-methylphenol	06/07/2010 20:12	360	U	UJ	110	360

CT LABORATORIES
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Sample Description: SIS18SS27

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801712
% Solids:	86.2	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 20:12	260	U	UJ	75	260
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 20:12	130	U	UJ	36	130
100-01-6	4-Nitroaniline	06/07/2010 20:12	130	U	UJ	36	130
100-02-7	4-Nitrophenol	06/07/2010 20:12	1300	U	UJ	370	1300
83-32-9	Acenaphthene	06/07/2010 20:12	120	U	UJ	17	120
208-96-8	Acenaphthylene	06/07/2010 20:12	120	U	UJ	23	120
120-12-7	Anthracene	06/07/2010 20:12	120	U	UJ	12	120
56-55-3	Benzo(a)anthracene	06/07/2010 20:12	120	U	UJ	10	120
50-32-8	Benzo(a)pyrene	06/07/2010 20:12	120	U	UJ	22	120
205-99-2	Benzo(b)fluoranthene	06/07/2010 20:12	120	U	UJ	13	120
191-24-2	Benzo(g,h,i)perylene	06/07/2010 20:12	120	U	UJ	29	120
207-08-9	Benzo(k)fluoranthene	06/07/2010 20:12	120	U	UJ	24	120
65-85-0	Benzoic acid	06/07/2010 20:12	1100	U	UJ	340	1100
100-51-6	Benzyl alcohol	06/07/2010 20:12	310	U	UJ	90	310
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 20:12	120	U	UJ	23	120
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 20:12	120	U	UJ	16	120
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 20:12	120	U	UJ	13	120
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 20:12	190	B	U	32	120
85-68-7	Butylbenzylphthalate	06/07/2010 20:12	120	U	UJ	28	120
86-74-8	Carbazole	06/07/2010 20:12	120	U	UJ	13	120
218-01-9	Chrysene	06/07/2010 20:12	120	U	UJ	14	120
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 20:12	120	U	UJ	13	120
132-64-9	Dibenzofuran	06/07/2010 20:12	150	U	UJ	43	150
84-66-2	Diethylphthalate	06/07/2010 20:12	150	U	UJ	44	150

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CT LABORATORIES
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Sample Description: SIS18SS27

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.00 (g/L)	CTL Sample ID:	801712
% Solids:	86.2	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 20:12	120	U UJ	30	120
84-74-2	Di-n-butylphthalate	06/07/2010 20:12	50	J B J	46	160
117-84-0	Di-n-octylphthalate	06/07/2010 20:12	150	U UJ	45	150
206-44-0	Fluoranthene	06/07/2010 20:12	120	U UJ	24	120
86-73-7	Fluorene	06/07/2010 20:12	120	U UJ	13	120
118-74-1	Hexachlorobenzene	06/07/2010 20:12	120	U UJ	17	120
87-68-3	Hexachlorobutadiene	06/07/2010 20:12	120	U UJ	36	120
67-72-1	Hexachloroethane	06/07/2010 20:12	120	U UJ	20	120
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 20:12	120	U UJ	9.3	120
78-59-1	Isophorone	06/07/2010 20:12	120	U UJ	31	120
91-20-3	Naphthalene	06/07/2010 20:12	120	U UJ	10	120
98-95-3	Nitrobenzene	06/07/2010 20:12	160	U UJ	46	160
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 20:12	130	U UJ	35	130
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 20:12	230	U UJ	20	230
87-86-5	Pentachlorophenol	06/07/2010 20:12	580	U UJ	81	580
85-01-8	Phenanthrene	06/07/2010 20:12	120	U UJ	13	120
108-95-2	Phenol	06/07/2010 20:12	480	U UJ	140	480
129-00-0	Pyrene	06/07/2010 20:12	120	U UJ	13	120

CT LABORATORIES
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Sample Description: SIS18SB28

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801713
% Solids:	79.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010	20:33	130	U	UJ	20	130
95-50-1	1,2-Dichlorobenzene	06/07/2010	20:33	130	U	UJ	13	130
541-73-1	1,3-Dichlorobenzene	06/07/2010	20:33	130	U	UJ	14	130
106-46-7	1,4-Dichlorobenzene	06/07/2010	20:33	130	U	UJ	16	130
95-95-4	2,4,5-Trichlorophenol	06/07/2010	20:33	440	U	UJ	130	440
88-06-2	2,4,6-Trichlorophenol	06/07/2010	20:33	330	U	UJ	96	330
120-83-2	2,4-Dichlorophenol	06/07/2010	20:33	400	U	UJ	120	400
105-67-9	2,4-Dimethylphenol	06/07/2010	20:33	330	U	UJ	97	330
51-28-5	2,4-Dinitrophenol	06/07/2010	20:33	890	U	UJ	270	890
121-14-2	2,4-Dinitrotoluene	06/07/2010	20:33	130	U	UJ	29	130
606-20-2	2,6-Dinitrotoluene	06/07/2010	20:33	130	U	UJ	25	130
91-58-7	2-Chloronaphthalene	06/07/2010	20:33	130	U	UJ	16	130
95-57-8	2-Chlorophenol	06/07/2010	20:33	440	U	UJ	130	440
91-57-6	2-Methylnaphthalene	06/07/2010	20:33	130	U	UJ	24	130
95-48-7	2-Methylphenol	06/07/2010	20:33	430	U	UJ	130	430
88-74-4	2-Nitroaniline	06/07/2010	20:33	130	U	UJ	33	130
88-75-5	2-Nitrophenol	06/07/2010	20:33	500	U	UJ	150	500
1319-77-3	3 & 4-Methylphenol	06/07/2010	20:33	440	U	UJ	130	440
91-94-1	3,3'-Dichlorobenzidine	06/07/2010	20:33	1200	U	UJ	350	1200
99-09-2	3-Nitroaniline	06/07/2010	20:33	140	U	UJ	40	140
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010	20:33	630	U	UJ	89	630
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010	20:33	130	U	UJ	13	130
59-50-7	4-Chloro-3-methylphenol	06/07/2010	20:33	390	U	UJ	110	390

CT LABORATORIES
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Sample Description: SIS18SB28

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801713
% Solids:	79.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 20:33	280	U UJ	82	280
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 20:33	140	U UJ	39	140
100-01-6	4-Nitroaniline	06/07/2010 20:33	140	U UJ	39	140
100-02-7	4-Nitrophenol	06/07/2010 20:33	1400	U UJ	410	1400
83-32-9	Acenaphthene	06/07/2010 20:33	130	U UJ	19	130
208-96-8	Acenaphthylene	06/07/2010 20:33	130	U UJ	25	130
120-12-7	Anthracene	06/07/2010 20:33	130	U UJ	13	130
56-55-3	Benzo(a)anthracene	06/07/2010 20:33	130	U UJ	11	130
50-32-8	Benzo(a)pyrene	06/07/2010 20:33	130	U UJ	24	130
205-99-2	Benzo(b)fluoranthene	06/07/2010 20:33	130	U UJ	14	130
191-24-2	Benzo(g,h,i)perylene	06/07/2010 20:33	130	U UJ	32	130
207-08-9	Benzo(k)fluoranthene	06/07/2010 20:33	130	U UJ	26	130
65-85-0	Benzoic acid	06/07/2010 20:33	1200	U UJ	370	1200
100-51-6	Benzyl alcohol	06/07/2010 20:33	340	U UJ	98	340
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 20:33	130	U UJ	25	130
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 20:33	130	U UJ	18	130
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 20:33	130	U UJ	14	130
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 20:33	110	J B U	35	130
85-68-7	Butylbenzylphthalate	06/07/2010 20:33	130	U UJ	30	130
86-74-8	Carbazole	06/07/2010 20:33	130	U UJ	14	130
218-01-9	Chrysene	06/07/2010 20:33	130	U UJ	15	130
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 20:33	130	U UJ	14	130
132-64-9	Dibenzofuran	06/07/2010 20:33	160	U UJ	47	160
84-66-2	Diethylphthalate	06/07/2010 20:33	160	U UJ	48	160

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CT LABORATORIES
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Sample Description: SIS18SB28

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.03 (g/L)	CTL Sample ID:	801713
% Solids:	79.1	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/kg	

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers		LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 20:33	130	U	UJ	33	130
84-74-2	Di-n-butylphthalate	06/07/2010 20:33	55	J B	J	50	180
117-84-0	Di-n-octylphthalate	06/07/2010 20:33	160	U	UJ	49	160
206-44-0	Fluoranthene	06/07/2010 20:33	130	U	UJ	26	130
86-73-7	Fluorene	06/07/2010 20:33	130	U	UJ	14	130
118-74-1	Hexachlorobenzene	06/07/2010 20:33	130	U	UJ	19	130
87-68-3	Hexachlorobutadiene	06/07/2010 20:33	130	U	UJ	39	130
67-72-1	Hexachloroethane	06/07/2010 20:33	130	U	UJ	21	130
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 20:33	130	U	UJ	10	130
78-59-1	Isophorone	06/07/2010 20:33	130	U	UJ	34	130
91-20-3	Naphthalene	06/07/2010 20:33	130	U	UJ	11	130
98-95-3	Nitrobenzene	06/07/2010 20:33	180	U	UJ	50	180
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 20:33	140	U	UJ	38	140
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 20:33	250	U	UJ	21	250
87-86-5	Pentachlorophenol	06/07/2010 20:33	630	U	UJ	88	630
85-01-8	Phenanthrene	06/07/2010 20:33	130	U	UJ	14	130
108-95-2	Phenol	06/07/2010 20:33	520	U	UJ	150	520
129-00-0	Pyrene	06/07/2010 20:33	130	U	UJ	14	130

CT LABORATORIES
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Sample Description: SIS18SS12

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.09 (g/L)	CTL Sample ID:	801724
% Solids:	71.7	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010	20:54	140	U	22	140
95-50-1	1,2-Dichlorobenzene	06/07/2010	20:54	140	U	14	140
541-73-1	1,3-Dichlorobenzene	06/07/2010	20:54	140	U	15	140
106-46-7	1,4-Dichlorobenzene	06/07/2010	20:54	140	U	18	140
95-95-4	2,4,5-Trichlorophenol	06/07/2010	20:54	480	U	150	480
88-06-2	2,4,6-Trichlorophenol	06/07/2010	20:54	360	U	110	360
120-83-2	2,4-Dichlorophenol	06/07/2010	20:54	440	U	130	440
105-67-9	2,4-Dimethylphenol	06/07/2010	20:54	360	U	110	360
51-28-5	2,4-Dinitrophenol	06/07/2010	20:54	980	U	290	980
121-14-2	2,4-Dinitrotoluene	06/07/2010	20:54	140	U	32	140
606-20-2	2,6-Dinitrotoluene	06/07/2010	20:54	140	U	28	140
91-58-7	2-Chloronaphthalene	06/07/2010	20:54	140	U	18	140
95-57-8	2-Chlorophenol	06/07/2010	20:54	480	U	150	480
91-57-6	2-Methylnaphthalene	06/07/2010	20:54	140	U	26	140
95-48-7	2-Methylphenol	06/07/2010	20:54	470	U	140	470
88-74-4	2-Nitroaniline	06/07/2010	20:54	140	U	36	140
88-75-5	2-Nitrophenol	06/07/2010	20:54	550	U	160	550
1319-77-3	3 & 4-Methylphenol	06/07/2010	20:54	480	U	140	480
91-94-1	3,3'-Dichlorobenzidine	06/07/2010	20:54	1300	U	380	1300
99-09-2	3-Nitroaniline	06/07/2010	20:54	150	U	44	150
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010	20:54	690	U	98	690
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010	20:54	140	U	14	140
59-50-7	4-Chloro-3-methylphenol	06/07/2010	20:54	430	U	130	430

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Sample Description: SIS18SS12

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.09 (g/L)	CTL Sample ID:	801724
% Solids:	71.7	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/kg	

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010	20:54	300	U		90	300
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010	20:54	150	U		43	150
100-01-6	4-Nitroaniline	06/07/2010	20:54	150	U		43	150
100-02-7	4-Nitrophenol	06/07/2010	20:54	1500	U		450	1500
83-32-9	Acenaphthene	06/07/2010	20:54	140	U		21	140
208-96-8	Acenaphthylene	06/07/2010	20:54	140	U		28	140
120-12-7	Anthracene	06/07/2010	20:54	140	U		14	140
56-55-3	Benzo(a)anthracene	06/07/2010	20:54	180			12	140
50-32-8	Benzo(a)pyrene	06/07/2010	20:54	160			26	140
205-99-2	Benzo(b)fluoranthene	06/07/2010	20:54	290			15	140
191-24-2	Benzo(g,h,i)perylene	06/07/2010	20:54	83	J	J	35	140
207-08-9	Benzo(k)fluoranthene	06/07/2010	20:54	91	J	J	29	140
65-85-0	Benzoic acid	06/07/2010	20:54	600	J	J	400	1400
100-51-6	Benzyl alcohol	06/07/2010	20:54	370	U		110	370
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010	20:54	140	U		28	140
111-44-4	Bis(2-chloroethyl)ether	06/07/2010	20:54	140	U		19	140
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010	20:54	140	U		15	140
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010	20:54	2000		B	39	140
85-68-7	Butylbenzylphthalate	06/07/2010	20:54	130	J	J	33	140
86-74-8	Carbazole	06/07/2010	20:54	140	U		15	140
218-01-9	Chrysene	06/07/2010	20:54	160			17	140
53-70-3	Dibenzo(a,h)anthracene	06/07/2010	20:54	140	U		15	140
132-64-9	Dibenzofuran	06/07/2010	20:54	180	U		51	180
84-66-2	Diethylphthalate	06/07/2010	20:54	180	U		53	180

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Sample Description: SIS18SS12

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.09 (g/L)	CTL Sample ID:	801724
% Solids:	71.7	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		

TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*): /

Concentration Units: ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 20:54	140	U	36	140
84-74-2	Di-n-butylphthalate	06/07/2010 20:54	130	J B J	55	190
117-84-0	Di-n-octylphthalate	06/07/2010 20:54	180	U	54	180
206-44-0	Fluoranthene	06/07/2010 20:54	360		29	140
86-73-7	Fluorene	06/07/2010 20:54	140	U	15	140
118-74-1	Hexachlorobenzene	06/07/2010 20:54	140	U	21	140
87-68-3	Hexachlorobutadiene	06/07/2010 20:54	140	U	43	140
67-72-1	Hexachloroethane	06/07/2010 20:54	140	U	23	140
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 20:54	81	J J	11	140
78-59-1	Isophorone	06/07/2010 20:54	140	U	37	140
91-20-3	Naphthalene	06/07/2010 20:54	140	U	12	140
98-95-3	Nitrobenzene	06/07/2010 20:54	190	U	55	190
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 20:54	150	U	41	150
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 20:54	280	U	23	280
87-86-5	Pentachlorophenol	06/07/2010 20:54	690	U	97	690
85-01-8	Phenanthrene	06/07/2010 20:54	130	J J	15	140
108-95-2	Phenol	06/07/2010 20:54	570	U	170	570
129-00-0	Pyrene	06/07/2010 20:54	290		15	140

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CT LABORATORIES
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Sample Description: SIS18SS11

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.96 (g/L)	CTL Sample ID:	801732
% Solids:	87.0	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010	21:14	120	U	18	120
95-50-1	1,2-Dichlorobenzene	06/07/2010	21:14	120	U	12	120
541-73-1	1,3-Dichlorobenzene	06/07/2010	21:14	120	U	13	120
106-46-7	1,4-Dichlorobenzene	06/07/2010	21:14	120	U	15	120
95-95-4	2,4,5-Trichlorophenol	06/07/2010	21:14	400	U	120	400
88-06-2	2,4,6-Trichlorophenol	06/07/2010	21:14	300	U	88	300
120-83-2	2,4-Dichlorophenol	06/07/2010	21:14	370	U	110	370
105-67-9	2,4-Dimethylphenol	06/07/2010	21:14	300	U	89	300
51-28-5	2,4-Dinitrophenol	06/07/2010	21:14	820	U	240	820
121-14-2	2,4-Dinitrotoluene	06/07/2010	21:14	120	U	27	120
606-20-2	2,6-Dinitrotoluene	06/07/2010	21:14	120	U	23	120
91-58-7	2-Chloronaphthalene	06/07/2010	21:14	120	U	15	120
95-57-8	2-Chlorophenol	06/07/2010	21:14	400	U	120	400
91-57-6	2-Methylnaphthalene	06/07/2010	21:14	120	U	22	120
95-48-7	2-Methylphenol	06/07/2010	21:14	390	U	120	390
88-74-4	2-Nitroaniline	06/07/2010	21:14	120	U	30	120
88-75-5	2-Nitrophenol	06/07/2010	21:14	460	U	140	460
1319-77-3	3 & 4-Methylphenol	06/07/2010	21:14	400	U	120	400
91-94-1	3,3'-Dichlorobenzidine	06/07/2010	21:14	1100	U	320	1100
99-09-2	3-Nitroaniline	06/07/2010	21:14	130	U	37	130
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010	21:14	580	U	82	580
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010	21:14	120	U	12	120
59-50-7	4-Chloro-3-methylphenol	06/07/2010	21:14	360	U	110	360

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CT LABORATORIES
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Sample Description: SIS18SS11

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.96 (g/L)	CTL Sample ID:	801732
% Solids:	87.0	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 21:14	250	U	75	250
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 21:14	130	U	36	130
100-01-6	4-Nitroaniline	06/07/2010 21:14	130	U	36	130
100-02-7	4-Nitrophenol	06/07/2010 21:14	1300	U	370	1300
83-32-9	Acenaphthene	06/07/2010 21:14	120	U	17	120
208-96-8	Acenaphthylene	06/07/2010 21:14	120	U	23	120
120-12-7	Anthracene	06/07/2010 21:14	120	U	12	120
56-55-3	Benzo(a)anthracene	06/07/2010 21:14	120	U	10	120
50-32-8	Benzo(a)pyrene	06/07/2010 21:14	120	U	22	120
205-99-2	Benzo(b)fluoranthene	06/07/2010 21:14	120	U	13	120
191-24-2	Benzo(g,h,i)perylene	06/07/2010 21:14	120	U	29	120
207-08-9	Benzo(k)fluoranthene	06/07/2010 21:14	120	U	24	120
65-85-0	Benzoic acid	06/07/2010 21:14	450	J J	340	1100
100-51-6	Benzyl alcohol	06/07/2010 21:14	310	U	90	310
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 21:14	120	U	23	120
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 21:14	120	U	16	120
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 21:14	120	U	13	120
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 21:14	180	B U	32	120
85-68-7	Butylbenzylphthalate	06/07/2010 21:14	120	U	28	120
86-74-8	Carbazole	06/07/2010 21:14	120	U	13	120
218-01-9	Chrysene	06/07/2010 21:14	120	U	14	120
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 21:14	120	U	13	120
132-64-9	Dibenzofuran	06/07/2010 21:14	150	U	43	150
84-66-2	Diethylphthalate	06/07/2010 21:14	150	U	44	150

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Sample Description: SIS18SS11

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.96 (g/L)	CTL Sample ID:	801732
% Solids:	87.0	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 21:14	120	U	30	120
84-74-2	Di-n-butylphthalate	06/07/2010 21:14	51	J B J	46	160
117-84-0	Di-n-octylphthalate	06/07/2010 21:14	150	U	45	150
206-44-0	Fluoranthene	06/07/2010 21:14	120	U	24	120
86-73-7	Fluorene	06/07/2010 21:14	120	U	13	120
118-74-1	Hexachlorobenzene	06/07/2010 21:14	120	U	17	120
87-68-3	Hexachlorobutadiene	06/07/2010 21:14	120	U	36	120
67-72-1	Hexachloroethane	06/07/2010 21:14	120	U	20	120
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 21:14	120	U	9.2	120
78-59-1	Isophorone	06/07/2010 21:14	120	U	31	120
91-20-3	Naphthalene	06/07/2010 21:14	120	U	10	120
98-95-3	Nitrobenzene	06/07/2010 21:14	160	U	46	160
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 21:14	130	U	35	130
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 21:14	230	U	20	230
87-86-5	Pentachlorophenol	06/07/2010 21:14	580	U	81	580
85-01-8	Phenanthrene	06/07/2010 21:14	120	U	13	120
108-95-2	Phenol	06/07/2010 21:14	470	U	140	470
129-00-0	Pyrene	06/07/2010 21:14	120	U	13	120

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CT LABORATORIES
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Sample Description: SIS18SS10

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.01 (g/L)	CTL Sample ID:	801733
% Solids:	80.3	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/kg	

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010	21:35	120	U	VJ	20	120
95-50-1	1,2-Dichlorobenzene	06/07/2010	21:35	120	U	VJ	12	120
541-73-1	1,3-Dichlorobenzene	06/07/2010	21:35	120	U	VJ	14	120
106-46-7	1,4-Dichlorobenzene	06/07/2010	21:35	120	U	VJ	16	120
95-95-4	2,4,5-Trichlorophenol	06/07/2010	21:35	440	U	VJ	130	440
88-06-2	2,4,6-Trichlorophenol	06/07/2010	21:35	320	U	VJ	95	320
120-83-2	2,4-Dichlorophenol	06/07/2010	21:35	400	U	VJ	120	400
105-67-9	2,4-Dimethylphenol	06/07/2010	21:35	320	U	VJ	96	320
51-28-5	2,4-Dinitrophenol	06/07/2010	21:35	880	U	VJ	260	880
121-14-2	2,4-Dinitrotoluene	06/07/2010	21:35	120	U	VJ	29	120
606-20-2	2,6-Dinitrotoluene	06/07/2010	21:35	120	U	VJ	25	120
91-58-7	2-Chloronaphthalene	06/07/2010	21:35	120	U	VJ	16	120
95-57-8	2-Chlorophenol	06/07/2010	21:35	440	U	VJ	130	440
91-57-6	2-Methylnaphthalene	06/07/2010	21:35	120	U	VJ	24	120
95-48-7	2-Methylphenol	06/07/2010	21:35	420	U	VJ	130	420
88-74-4	2-Nitroaniline	06/07/2010	21:35	120	U	VJ	32	120
88-75-5	2-Nitrophenol	06/07/2010	21:35	500	U	VJ	150	500
1319-77-3	3 & 4-Methylphenol	06/07/2010	21:35	440	U	VJ	130	440
91-94-1	3,3'-Dichlorobenzidine	06/07/2010	21:35	1200	U	VJ	350	1200
99-09-2	3-Nitroaniline	06/07/2010	21:35	140	U	VJ	40	140
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010	21:35	620	U	VJ	88	620
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010	21:35	120	U	VJ	12	120
59-50-7	4-Chloro-3-methylphenol	06/07/2010	21:35	390	U	VJ	110	390

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CT LABORATORIES
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Sample Description: SIS18SS10

1B
SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.01 (g/L)	CTL Sample ID:	801733
% Solids:	80.3	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/kg		

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers		LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010	21:35	270	U	UJ	81	270
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010	21:35	140	U	UJ	39	140
100-01-6	4-Nitroaniline	06/07/2010	21:35	140	U	UJ	39	140
100-02-7	4-Nitrophenol	06/07/2010	21:35	1400	U	UJ	400	1400
83-32-9	Acenaphthene	06/07/2010	21:35	120	U	UJ	19	120
208-96-8	Acenaphthylene	06/07/2010	21:35	120	U	UJ	25	120
120-12-7	Anthracene	06/07/2010	21:35	120	U	UJ	12	120
56-55-3	Benzo(a)anthracene	06/07/2010	21:35	15	J	J	11	120
50-32-8	Benzo(a)pyrene	06/07/2010	21:35	120	U	UJ	24	120
205-99-2	Benzo(b)fluoranthene	06/07/2010	21:35	120	U	UJ	14	120
191-24-2	Benzo(g,h,i)perylene	06/07/2010	21:35	120	U	UJ	31	120
207-08-9	Benzo(k)fluoranthene	06/07/2010	21:35	120	U	UJ	26	120
65-85-0	Benzoic acid	06/07/2010	21:35	1200	U	UJ	360	1200
100-51-6	Benzyl alcohol	06/07/2010	21:35	340	U	UJ	97	340
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010	21:35	120	U	UJ	25	120
111-44-4	Bis(2-chloroethyl)ether	06/07/2010	21:35	120	U	UJ	17	120
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010	21:35	120	U	UJ	14	120
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010	21:35	150	B	U	35	120
85-68-7	Butylbenzylphthalate	06/07/2010	21:35	120	U	UJ	30	120
86-74-8	Carbazole	06/07/2010	21:35	120	U	UJ	14	120
218-01-9	Chrysene	06/07/2010	21:35	120	U	UJ	15	120
53-70-3	Dibenzo(a,h)anthracene	06/07/2010	21:35	120	U	UJ	14	120
132-64-9	Dibenzofuran	06/07/2010	21:35	160	U	UJ	46	160
84-66-2	Diethylphthalate	06/07/2010	21:35	160	U	UJ	47	160

CT LABORATORIES
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Sample Description: SIS18SS10

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	10.01 (g/L)	CTL Sample ID:	801733
% Solids:	80.3	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 21:35	120	U UJ	32	120
84-74-2	Di-n-butylphthalate	06/07/2010 21:35	56	J B J	50	170
117-84-0	Di-n-octylphthalate	06/07/2010 21:35	160	U UJ	49	160
206-44-0	Fluoranthene	06/07/2010 21:35	120	U UJ	26	120
86-73-7	Fluorene	06/07/2010 21:35	120	U UJ	14	120
118-74-1	Hexachlorobenzene	06/07/2010 21:35	120	U UJ	19	120
87-68-3	Hexachlorobutadiene	06/07/2010 21:35	130	U UJ	39	130
67-72-1	Hexachloroethane	06/07/2010 21:35	120	U UJ	21	120
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 21:35	120	U UJ	10	120
78-59-1	Isophorone	06/07/2010 21:35	120	U UJ	34	120
91-20-3	Naphthalene	06/07/2010 21:35	120	U UJ	11	120
98-95-3	Nitrobenzene	06/07/2010 21:35	170	U UJ	50	170
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 21:35	140	U UJ	37	140
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 21:35	250	U UJ	21	250
87-86-5	Pentachlorophenol	06/07/2010 21:35	620	U UJ	87	620
85-01-8	Phenanthrene	06/07/2010 21:35	120	U UJ	14	120
108-95-2	Phenol	06/07/2010 21:35	510	U UJ	150	510
129-00-0	Pyrene	06/07/2010 21:35	120	U UJ	14	120

CT LABORATORIES
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Sample Description: FIELD BLANK #2

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	79122
Sample wt/vol:	1.0 (g/L)	CTL Sample ID:	801746
% Solids:		Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/25/2010 / 13:00
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33293
Analytical Run #:	67218	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/01/2010	13:19	1.0	U	0.070	1.0
95-50-1	1,2-Dichlorobenzene	06/01/2010	13:19	1.0	U	0.080	1.0
541-73-1	1,3-Dichlorobenzene	06/01/2010	13:19	1.0	U	0.080	1.0
106-46-7	1,4-Dichlorobenzene	06/01/2010	13:19	1.0	U	0.080	1.0
95-95-4	2,4,5-Trichlorophenol	06/01/2010	13:19	2.7	U	0.79	2.7
88-06-2	2,4,6-Trichlorophenol	06/01/2010	13:19	2.9	U	0.86	2.9
120-83-2	2,4-Dichlorophenol	06/01/2010	13:19	2.0	U	0.61	2.0
105-67-9	2,4-Dimethylphenol	06/01/2010	13:19	4.0	U	1.2	4.0
51-28-5	2,4-Dinitrophenol	06/01/2010	13:19	5.1	U	1.5	5.1
121-14-2	2,4-Dinitrotoluene	06/01/2010	13:19	1.0	U	0.19	1.0
606-20-2	2,6-Dinitrotoluene	06/01/2010	13:19	1.0	U	0.12	1.0
91-58-7	2-Chloronaphthalene	06/01/2010	13:19	1.0	U	0.10	1.0
95-57-8	2-Chlorophenol	06/01/2010	13:19	2.3	U	0.68	2.3
91-57-6	2-Methylnaphthalene	06/01/2010	13:19	1.0	U	0.12	1.0
95-48-7	2-Methylphenol	06/01/2010	13:19	2.9	U	0.87	2.9
88-74-4	2-Nitroaniline	06/01/2010	13:19	1.0	U	0.11	1.0
88-75-5	2-Nitrophenol	06/01/2010	13:19	2.0	U	0.60	2.0
1319-77-3	3 & 4-Methylphenol	06/01/2010	13:19	2.2	U	0.67	2.2
91-94-1	3,3'-Dichlorobenzidine	06/01/2010	13:19	9.9	U Q	3.0	9.9
99-09-2	3-Nitroaniline	06/01/2010	13:19	1.0	U	0.21	1.0
534-52-1	4,6-Dinitro-2-methylphenol	06/01/2010	13:19	5.0	U	0.93	5.0
101-55-3	4-Bromophenyl-phenyl ether	06/01/2010	13:19	1.0	U	0.15	1.0
59-50-7	4-Chloro-3-methylphenol	06/01/2010	13:19	3.7	U	1.1	3.7

CT LABORATORIES
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Sample Description: FIELD BLANK #2

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	79122
Sample wt/vol:	1.0 (g/L)	CTL Sample ID:	801746
% Solids:		Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/25/2010 / 13:00
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33293
Analytical Run #:	67218	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
Concentration Units:	ug/L		

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
106-47-8	4-Chloroaniline	06/01/2010 13:19	1.0	U	0.17	1.0
7005-72-3	4-Chlorophenyl-phenyl ether	06/01/2010 13:19	1.0	U	0.080	1.0
100-01-6	4-Nitroaniline	06/01/2010 13:19	1.5	U	0.46	1.5
100-02-7	4-Nitrophenol	06/01/2010 13:19	5.0	U	0.62	5.0
83-32-9	Acenaphthene	06/01/2010 13:19	1.0	U	0.10	1.0
208-96-8	Acenaphthylene	06/01/2010 13:19	1.0	U	0.12	1.0
120-12-7	Anthracene	06/01/2010 13:19	1.0	U	0.090	1.0
103-33-3/122-66-7	Azobenzene & 1,2-Diphenylhydra	06/01/2010 13:19	2.0	U	0.18	2.0
56-55-3	Benzo(a)anthracene	06/01/2010 13:19	1.0	U	0.080	1.0
50-32-8	Benzo(a)pyrene	06/01/2010 13:19	1.0	U	0.070	1.0
205-99-2	Benzo(b)fluoranthene	06/01/2010 13:19	1.0	U	0.10	1.0
191-24-2	Benzo(g,h,i)perylene	06/01/2010 13:19	1.0	U	0.10	1.0
207-08-9	Benzo(k)fluoranthene	06/01/2010 13:19	1.0	U	0.090	1.0
65-85-0	Benzoic acid	06/01/2010 13:19	38	U	11	38
100-51-6	Benzyl alcohol	06/01/2010 13:19	1.0	U	0.31	1.0
111-91-1	Bis(2-chloroethoxy)methane	06/01/2010 13:19	1.0	U	0.090	1.0
111-44-4	Bis(2-chloroethyl)ether	06/01/2010 13:19	1.0	U	0.20	1.0
108-60-1	Bis(2-chloroisopropyl)ether	06/01/2010 13:19	1.0	U	0.090	1.0
117-81-7	Bis(2-ethylhexyl)phthalate	06/01/2010 13:19	2.0	U	0.61	2.0
85-68-7	Butylbenzylphthalate	06/01/2010 13:19	1.0	U	0.11	1.0
86-74-8	Carbazole	06/01/2010 13:19	1.0	U Q	0.14	1.0
218-01-9	Chrysene	06/01/2010 13:19	1.0	U	0.080	1.0
53-70-3	Dibenzo(a,h)anthracene	06/01/2010 13:19	1.0	U	0.14	1.0
132-64-9	Dibenzofuran	06/01/2010 13:19	1.0	U	0.080	1.0

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Sample Description: **FIELD BLANK #2**

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	79122
Sample wt/vol:	1.0 (g/L)	CTL Sample ID:	801746
% Solids:		Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/25/2010 / 13:00
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33293
Analytical Run #:	67218	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
84-66-2	Diethylphthalate	06/01/2010 13:19	0.32	J J	0.17	1.0
131-11-3	Dimethylphthalate	06/01/2010 13:19	0.40	J B J	0.090	1.0
84-74-2	Di-n-butylphthalate	06/01/2010 13:19	2.5	U	0.75	2.5
117-84-0	Di-n-octylphthalate	06/01/2010 13:19	1.0	U	0.16	1.0
206-44-0	Fluoranthene	06/01/2010 13:19	1.0	U	0.090	1.0
86-73-7	Fluorene	06/01/2010 13:19	1.0	U	0.15	1.0
118-74-1	Hexachlorobenzene	06/01/2010 13:19	1.0	U	0.22	1.0
87-68-3	Hexachlorobutadiene	06/01/2010 13:19	1.0	U	0.30	1.0
67-72-1	Hexachloroethane	06/01/2010 13:19	1.0	U	0.070	1.0
193-39-5	Indeno(1,2,3-cd)pyrene	06/01/2010 13:19	1.0	U	0.090	1.0
78-59-1	Isophorone	06/01/2010 13:19	1.0	U	0.11	1.0
91-20-3	Naphthalene	06/01/2010 13:19	0.073	J J	0.070	1.0
98-95-3	Nitrobenzene	06/01/2010 13:19	1.0	U	0.15	1.0
621-64-7	N-Nitroso-di-n-propylamine	06/01/2010 13:19	1.0	U	0.18	1.0
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/01/2010 13:19	2.0	U	0.19	2.0
87-86-5	Pentachlorophenol	06/01/2010 13:19	5.0	U	0.89	5.0
85-01-8	Phenanthrene	06/01/2010 13:19	1.0	U	0.080	1.0
108-95-2	Phenol	06/01/2010 13:19	1.0	U	0.31	1.0
129-00-0	Pyrene	06/01/2010 13:19	1.0	U	0.10	1.0

CT LABORATORIES
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Sample Description: SIS18SS09

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.98 (g/L)	CTL Sample ID:	801806
% Solids:	89.9	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
120-82-1	1,2,4-Trichlorobenzene	06/07/2010	21:56	110	U	18	110
95-50-1	1,2-Dichlorobenzene	06/07/2010	21:56	110	U	11	110
541-73-1	1,3-Dichlorobenzene	06/07/2010	21:56	110	U	12	110
106-46-7	1,4-Dichlorobenzene	06/07/2010	21:56	110	U	14	110
95-95-4	2,4,5-Trichlorophenol	06/07/2010	21:56	380	U	120	380
88-06-2	2,4,6-Trichlorophenol	06/07/2010	21:56	290	U	84	290
120-83-2	2,4-Dichlorophenol	06/07/2010	21:56	350	U	100	350
105-67-9	2,4-Dimethylphenol	06/07/2010	21:56	290	U	85	290
51-28-5	2,4-Dinitrophenol	06/07/2010	21:56	780	U	230	780
121-14-2	2,4-Dinitrotoluene	06/07/2010	21:56	110	U	25	110
606-20-2	2,6-Dinitrotoluene	06/07/2010	21:56	110	U	22	110
91-58-7	2-Chloronaphthalene	06/07/2010	21:56	110	U	14	110
95-57-8	2-Chlorophenol	06/07/2010	21:56	380	U	120	380
91-57-6	2-Methylnaphthalene	06/07/2010	21:56	110	U	21	110
95-48-7	2-Methylphenol	06/07/2010	21:56	370	U	110	370
88-74-4	2-Nitroaniline	06/07/2010	21:56	110	U	29	110
88-75-5	2-Nitrophenol	06/07/2010	21:56	440	U	130	440
1319-77-3	3 & 4-Methylphenol	06/07/2010	21:56	380	U	110	380
91-94-1	3,3'-Dichlorobenzidine	06/07/2010	21:56	1000	U	310	1000
99-09-2	3-Nitroaniline	06/07/2010	21:56	120	U	35	120
534-52-1	4,6-Dinitro-2-methylphenol	06/07/2010	21:56	550	U	78	550
101-55-3	4-Bromophenyl-phenyl ether	06/07/2010	21:56	110	U	11	110
59-50-7	4-Chloro-3-methylphenol	06/07/2010	21:56	340	U	100	340

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Sample Description: SIS18SS09

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.98 (g/L)	CTL Sample ID:	801806
% Solids:	89.9	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
106-47-8	4-Chloroaniline	06/07/2010 21:56	240	U	71	240
7005-72-3	4-Chlorophenyl-phenyl ether	06/07/2010 21:56	120	U	34	120
100-01-6	4-Nitroaniline	06/07/2010 21:56	120	U	34	120
100-02-7	4-Nitrophenol	06/07/2010 21:56	1200	U	350	1200
83-32-9	Acenaphthene	06/07/2010 21:56	110	U	16	110
208-96-8	Acenaphthylene	06/07/2010 21:56	110	U	22	110
120-12-7	Anthracene	06/07/2010 21:56	110	U	11	110
56-55-3	Benzo(a)anthracene	06/07/2010 21:56	13	J J	9.9	110
50-32-8	Benzo(a)pyrene	06/07/2010 21:56	110	U	21	110
205-99-2	Benzo(b)fluoranthene	06/07/2010 21:56	110	U	12	110
191-24-2	Benzo(g,h,i)perylene	06/07/2010 21:56	110	U	27	110
207-08-9	Benzo(k)fluoranthene	06/07/2010 21:56	110	U	23	110
65-85-0	Benzoic acid	06/07/2010 21:56	1100	U	320	1100
100-51-6	Benzyl alcohol	06/07/2010 21:56	300	U	86	300
111-91-1	Bis(2-chloroethoxy)methane	06/07/2010 21:56	110	U	22	110
111-44-4	Bis(2-chloroethyl)ether	06/07/2010 21:56	110	U	15	110
108-60-1	Bis(2-chloroisopropyl)ether	06/07/2010 21:56	110	U	12	110
117-81-7	Bis(2-ethylhexyl)phthalate	06/07/2010 21:56	52	J B U	31	110
85-68-7	Butylbenzylphthalate	06/07/2010 21:56	110	U	26	110
86-74-8	Carbazole	06/07/2010 21:56	110	U	12	110
218-01-9	Chrysene	06/07/2010 21:56	110	U	13	110
53-70-3	Dibenzo(a,h)anthracene	06/07/2010 21:56	110	U	12	110
132-64-9	Dibenzofuran	06/07/2010 21:56	140	U	41	140
84-66-2	Diethylphthalate	06/07/2010 21:56	140	U	42	140

CT LABORATORIES
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Sample Description: SIS18SS09

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	SOIL	SDG No.:	79122
Sample wt/vol:	9.98 (g/L)	CTL Sample ID:	801806
% Solids:	89.9	Date Received:	05/25/2010
Conc. Extract Vol:	1.0 (mL)	Date/Time Prepared:	05/26/2010 /
Analytical Method:	EPA 8270C	Analytical Prep Batch #	33302
Analytical Run #:	67389	Dilution Factor:	1.00
Cleanup Date/Time/Type:	06/01/2010 11:51 (GPC)		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/kg

CAS NO.	Analyte	Analysis Date/Time	Concentration	Qualifiers	LOD/DL	RL
131-11-3	Dimethylphthalate	06/07/2010 21:56	110	U	29	110
84-74-2	Di-n-butylphthalate	06/07/2010 21:56	47	J B J	44	150
117-84-0	Di-n-octylphthalate	06/07/2010 21:56	140	U	43	140
206-44-0	Fluoranthene	06/07/2010 21:56	110	U	23	110
86-73-7	Fluorene	06/07/2010 21:56	110	U	12	110
118-74-1	Hexachlorobenzene	06/07/2010 21:56	110	U	16	110
87-68-3	Hexachlorobutadiene	06/07/2010 21:56	110	U	34	110
67-72-1	Hexachloroethane	06/07/2010 21:56	110	U	19	110
193-39-5	Indeno(1,2,3-cd)pyrene	06/07/2010 21:56	110	U	8.8	110
78-59-1	Isophorone	06/07/2010 21:56	110	U	30	110
91-20-3	Naphthalene	06/07/2010 21:56	110	U	9.9	110
98-95-3	Nitrobenzene	06/07/2010 21:56	150	U	44	150
621-64-7	N-Nitroso-di-n-propylamine	06/07/2010 21:56	120	U	33	120
86-30-6/122-39-4	N-Nitrosodiphenylamine & Diphn	06/07/2010 21:56	220	U	19	220
87-86-5	Pentachlorophenol	06/07/2010 21:56	550	U	77	550
85-01-8	Phenanthrene	06/07/2010 21:56	110	U	12	110
108-95-2	Phenol	06/07/2010 21:56	450	U	130	450
129-00-0	Pyrene	06/07/2010 21:56	110	U	12	110

Shaw Environmental, Inc.
2113 Emmorton Park Road
Edgewood, Maryland
410-612-6350
FAX: 410-612-6351

Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation Data Validation – Total Organic Carbon (TOC)
CT Laboratories, Inc., SDG 79122

DATE: June 28, 2010

The purpose of this memorandum is to present the data validation report for the samples collected for the NBAFS RI/FS Sites on May 20, 2010 and May 21, 2010. The solid samples were analyzed for total organic carbon (TOC) using Lloyd Kahn Method/9060. A total of six solid samples were validated. The sample IDs are:

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
SIS18SD13	801735	SIS18SD11DUPE	801739
SIS18SD12	801737	SIS18SD14	801740
SIS18SD11	801738	SIS18SD15	801741

Data were reviewed by Eric Malarek and validated using a combination of project QAPP, *DoD Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April 2009* (DoD, 2009) (DoD QSM), and method-specific criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999). Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	No	
	X	Holding Times and Preservation
	X	Initial and Continuing Calibration
	X	Blank Analysis
	X	Laboratory Control Sample
	X	Laboratory Duplicate
	X	Field Duplicate
	X	Calculation Verification

The quality of data collected in support of this sampling activity is considered acceptable.

Eric Malarek, Chemist

6/28/10

Date

NBAFS RI/FS VALIDATION REPORT
TOC REVIEW
SDG 79122

I-Holding Times and Preservation
The primary objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of sample analysis. Holding time criteria: Cool 4°C±2°C, 28 days for TOC in solids (USEPA criteria). The dates and times were compared between the sample collection and laboratory analysis.

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 05/20/10 and 05/21/10 the coolers were received on 05/25/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C, 3.7°C, and 3.0°C. All criteria were met. No qualifiers were applied.

- Holding Time Review: The solid samples were collected 05/21/10 for TOC. The solid samples were analyzed on 06/07/10. Sample collection dates may be found on the attached form 1s. All criteria were met. No qualifier was applied.

II-Initial and Continuing Calibration
Bench and run summary sheets were reviewed to determine whether calibration was performed at the beginning of sample analysis using the following criteria. Percent recoveries for initial and continuing calibration (90-110%) must be within limits.

TOC: 1 – blank (DoD QSM: <½MRL)
5 – standards (DoD QSM: r≥0.995)
ICV/CCV (90-110%)

- TOC analysis was run on 06/07/10. The initial calibration was analyzed 05/12/10 with a correlation coefficient of 0.997. All ICV/CCVs were within criteria. All criteria were met. No qualifiers were applied. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), and SIS18SD15 (801741) apply to this calibration.

III-Blank Analysis
Blanks are assessed to determine the existence and magnitude of contamination problems. No contaminants should be detected (i.e. <MDL) in any of the associated blanks. The DoD QSM criteria specifies all concentrations should be <½MRL. Samples are qualified "U" when they are less than 5x the absolute value of the maximum blank concentration and treated as non-detect. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor = 1. No rinse blank was collected for TOC analysis.

Table 2 Blank Contamination Analysis Summary

Analysis Date	Analysis	QC Blank ID	Target Compound	Max Conc. mg/kg	Action Level mg/kg	U qualified samples (For this SDG)
06/07/10	TOC	ICB/CCBs	All <½ MRL	NA	NA	None
06/07/10	TOC	MB807140	All <½ MRL	NA	NA	None

MRL = Method Reporting Limit
NA = Not Applicable

IV-Laboratory Control Sample
The laboratory control sample (LCS) serve as a monitor of the overall performance of each step during the analysis, including the sample preparation. LCSs are generated to determine long-term accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. DoD QSM LCS recovery limits currently specify the use of in-house specified limits (DoD, 2009). All solid LCS results must fall within the control limits (84-113%).

- Sample 807139 was used as the solid TOC LCS for the 06/07/10 run. All criteria were met. No qualifier was applied. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), and SIS18SD15 (801741) apply to this LCS.

V-Duplicate Sample Analysis
Duplicate sample determinations are used to demonstrate acceptable method precision by the laboratory at the time of analysis. Duplicate analysis is performed to generate data in order to determine the long-term precision of the analytical method on various matrices. DoD QSM MS and MSD recovery limits use the LCS criteria, which currently is the use of in-house specified limits (DoD, 2009). RPDs must be within established control limits (≤30% RPD).

- Sample SIS18SD13 (801735) was used for the laboratory duplicate analysis for the 06/07/10 run. The laboratory duplicate was performed three times with same parent sample. All criteria were met for all laboratory duplicates. No qualifiers were met. Samples SIS18SD13 (801735), SIS18SD12 (801737), SIS18SD11 (801738), SIS18SD11DUPE (801739), SIS18SD14 (801740), and SIS18SD15 (801741) apply to this laboratory duplicate.

VI-Field Duplicate Sample Analysis
Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were qualified rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 35% RPD for the solid samples.

- Field soil sample duplicate pair SIS18SD11 (801738) and SIS18SD11DUPE (801739) was collected for TOC. TOC was detected in the original sample at 240,000 mg/kg and in the duplicate pair at 250,000 mg/kg resulting in an associated RPD of 4.1%. All criteria were met. No qualifiers were applied.

VII-Calculation Verification
The accuracy of analytical results is verified through the calculation of several parameters. The percent difference (%D) between the calculated and the reported values should be within 10%. Any sample value >MDL and <MRL or <3*MDL (whichever is greater) was qualified as estimated, "J." The following calculations were performed for verification:

Sample: SIS18SD11 (801738), TOC

TOC (mg/kg) = (X mg/kg from software calculation) * (DF) / (Fraction Solids)

TOC (mg/kg) = (2966 mg/kg) * (10) / (0.1260) = 235,400 mg/kg = 240,000 mg/kg

Reported Value = 240,000 mg/kg
%Difference of values = 0.0%

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

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1

Sample Description: **SIS18SD11**

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	12.6	Lab Sample ID:	801738
Analytical Method:	L-Kahn/9060A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67382	Analysis Date/Time	06/07/2010 13:43
Analytical Prep Batch #:		Prep. Date/Time:	

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	M	LOD	RL
TOC	Total Organic Carbon	240000		TOC	4600	16000

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Sample Description: **SIS18SD11 DUPE**

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	15.0	Lab Sample ID:	801739
Analytical Method:	L-Kahn/9060A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67382	Analysis Date/Time	06/07/2010 14:39
Analytical Prep Batch #:		Prep. Date/Time:	

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	M	LOD	RL
TOC	Total Organic Carbon	250000		TOC	3800	13000

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Sample Description: **SIS18SD12**

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	14.8	Lab Sample ID:	801737
Analytical Method:	L-Kahn/9060A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67382	Analysis Date/Time	06/07/2010 13:20
Analytical Prep Batch #:		Prep. Date/Time:	

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	M	LOD	RL
TOC	Total Organic Carbon	150000		TOC	3900	14000

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Sample Description: **SIS18SD13**

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	23.5	Lab Sample ID:	801735
Analytical Method:	L-Kahn/9060A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67382	Analysis Date/Time	06/07/2010 12:44
Analytical Prep Batch #:		Prep. Date/Time:	

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	M	LOD	RL
TOC	Total Organic Carbon	87000		TOC	2400	8500

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1

Sample Description: **SIS18SD14**

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	15.8	Lab Sample ID:	801740
Analytical Method:	L-Kahn/9060A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67382	Analysis Date/Time	06/07/2010 15:00
Analytical Prep Batch #:		Prep. Date/Time:	

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	M	LOD	RL
TOC	Total Organic Carbon	62000		TOC	3600	13000

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1

Sample Description: SIS18SD15

INORGANIC ANALYSIS DATA SHEET

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix (soil/water):	SOIL	SDG No.:	79122
% Solids:	6.3	Lab Sample ID:	801741
Analytical Method:	L-Kahn/9060A	Date Received:	05/25/2010
Dilution Factor:	1.00	TCLP/SPLP Extraction Date/time:	
Analytical Run #:	67382	Analysis Date/Time	06/07/2010 15:08
Analytical Prep Batch #:		Prep. Date/Time:	

Concentration Units: mg/kg

CAS #	Analyte	Concentration	Qualifiers	M	LOD	RL
TOC	Total Organic Carbon	260000		TOC	9100	32000

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

January 28, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 10/27/2009 and 10/28/2009
Data package: 76144
3 Soil Samples

Method 8082A Polychlorinated Biphenyls

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SIS18-SB09A	740704	SIS18-SB11A	740709
SIS18-SB10A	740708		

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the polychlorinated Biphenyl (PCB) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories, Baraboo, WI, reported that the samples were prepared according to US EPA SW-846 Method 3545 (pressurized fluid extraction). The PCB extracts were cleaned up using US EPA SW-846 Methods 3360B and 3665A. The PCBs were analyzed in accordance with US EPA SW-846 Method 8082A.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*
>
> US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	X	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	NA	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Dual Column Precision
	X	Sample Quantitation Verification

Table I summarizes the recommendations that are based upon the following information:

Summary

The laboratory reported all QAPP specified PCBs.

All PCB results are reported without qualification. The laboratory reported the result from the primary column, channel A. This result may or may not be the higher result.

Sample results were reported to the laboratory reporting limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J). Method blank results are reported to the LOD.

All positive results are reported at concentrations greater than the RLs.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples.

The sample condition report notes that custody seals were not present.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 3.8^0 C.

The Sample Condition Report notes that custody seals were not present.

The PCB extraction holding times of 14 days for soil samples, and the 40 day analytical holding times, were met.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Initial Calibrations

Aroclors 1016 and 1260 were calibrated using a linear fit of 6 concentrations. The correlation coefficients were greater than 0.995. The laboratory also calibrated Aroclor 1254 using a linear fit of 6 concentrations, to quantitate the Aroclor 1254 concentration for sample SIS18-SB10A The correlation coefficient was greater than 0.995. The remaining Aroclors were analyzed at a 1 point concentration.

No results are qualified based upon the initial calibration acceptance criteria.

Continuing Calibrations

All % Differences for the continuing calibration standards, on both columns for both matrices, are less than 20%.

No results are qualified based upon the continuing calibration results.

Laboratory, Trip, and Field Blank Analyses

One soil PCB method blank is associated with this data package. All soil method blank results are reported as non-detected (U).

RB2-Auger is the rinsate blank sample, reported in laboratory data package 76561, is applicable to these samples. Positive RB2-Auger results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L

None		

No results are qualified based upon the blank results.

Matrix Spike/Matrix Spike Duplicate Results

Soil sample SIS18-SB10A was analyzed as the MS/MSD pair. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
Aroclor 1016	94	94	40-140/ 30	1	All criteria met.
Aroclor 1260	113	119	60-130/ 30	6	All criteria met.

All soil MS/MSD results are within the SOW acceptance criteria.

No results are qualified based upon MS/MSD results.

Laboratory Control Sample Results

The laboratory analyzed one Laboratory Control Sample (LCS) for the soil samples. LCS recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery/RPD Acceptance	Action
Aroclor 1016	87	40-140	All criteria met.
Aroclor 1260	84	60-130	All criteria met

All soil LCS results are within the QAPP acceptance criteria.

No results are qualified based upon LCS results.

Field Duplicates

No field duplicate pairs were reported in this laboratory data package. Analytical precision was also evaluated from the MS/MSD results. Field duplicate RPDs that exceed the 50% are summarized below.

Compound	MS ug/Kg	MSD ug/Kg	% RPD
None			

NC-Not Calculated

No results are qualified based upon the field duplicate precision.

System Compound Monitoring Recovery

Soil surrogate recoveries that exceed the SOW acceptance criteria are summarized below.

Sample ID	DCBP
Acceptance Criteria	**60-125%**
None	

DCBP-Decachlorobiphenyl

The DOD QSM specifies DCBP as the only surrogate.

No soil results are qualified based upon surrogate recoveries.

Dual Column Precision

Polychlorinated biphenyls were analyzed using dual column confirmation analyses. Relative percent differences (RPD) that exceed 25% are summarized below.

Sample	Channel A	Channel B	% Diff
None			

The laboratory reported the result from the primary column, not necessarily the lower result.

No results are qualified based upon the dual column precision.

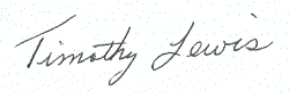
Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory RL and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the LOD. Positive results between the LOD and RL are qualified estimated (J). No Method of Detection (MDL) studies were present in the laboratory data package submittal.

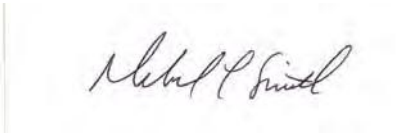
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8082A PCBs

New Boston Air Force Station
76144

Table I - Method 8082A Polychlorinated Biphenyls
Recommendation Summary

Sample ID	Matrix	Qualifier
SIS18-SB09A	Soil	A
SIS18-SB10A	Soil	A
SIS18-SB11A	Soil	A

A Accept all data.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

January 21, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 10/28/2009
Data package: 76144
1 Soil Sample

Volatile Organic Analysis 8260B

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SIS5-SS01	740714		

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the Volatile Organic Analysis (VOA) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories, Baraboo, WI, reported that the samples were prepared and analyzed according to US EPA SW-846 Method 8260B.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
X		Continuing Calibration
	X	Blank Analyses
X		Matrix and Matrix Spike Duplicate Recoveries
X		Laboratory Control Samples (Blank Spike)
	NA	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Internal Standards
	X	Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The laboratory reported all QAPP specified VOAs. The original data package did not contain results for tert-butyl alcohol. The laboratory was requested to provide this information on 01/18/2010 and the data were provided on 01/18/2010.

The tert-butyl alcohol (TBA), trans-1,2-dichloroethene, methyl tert-butyl ether (MtBE) and methylene chloride results for SIS5-SS01 are qualified as non-detected estimated (UJ). Continuing calibration verification acceptance criteria were not met. Low biases are indicated. False non-detects are possible.

The trans-1,2-dichloroethene result and tert Butyl alcohol result for SIS5-SS01 are qualified as non-detected estimated (UJ). The MS recoveries, MS/MSD % RPDs and LCS recoveries are below the QAPP acceptance criteria. False non-detects are possible.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of

Detection (LOD). Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J).

No positive results were reported.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples.

The sample condition report notes that custody seals were not present.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 3.8^0 C.

The Sample Condition Report notes that custody seals were not present.

Samples were collected on 10/28/2009 and analyzed on 11/03/2009. The VOA analytical holding time is 14 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

All minimum relative response factor (RRF) criteria for system performance check compounds and percent relative standard deviation (%RSD) for calibration check compounds were met. All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

No results are qualified based upon the initial calibrations.

Continuing Calibrations

All minimum RRF criteria for SPCC compounds were met. The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% D	RRF	Samples Affected
11/03/09	tert-Butyl Alcohol	63.6	0.020	SIS5-SS01, SIS5-SS01MS, SIS5-SS01MSD
09:18	trans-1,2-Dichloroethene	38.7	0.328	
	MtBE	34.7	0.931	
	Methylene Chloride	24% Drift		

The tert-butyl alcohol, trans-1,2-dichloroethene, MtBE and methylene chloride results for SIS5-SS01 are qualified as non-detected estimated (UJ). Low biases are indicated. False non-detects are possible.

Laboratory, Trip, and Field Blank Analyses

All VOA method blank results were reported as non-detected (U).

RB2-Auger is the rinsate blank sample, reported in laboratory data package 76561, is applicable to these samples. Positive RB2-Auger results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
None		

All results for SIS5-SS01 are reported as non-detected (U) by the laboratory. No results are impacted by the positive equipment blank results.

Matrix Spike/Matrix Spike Duplicate Results

Soil sample SIS5-SS01 was analyzed as the MS/MSD pair. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
trans-1,2-Dichloroethene	59	97	65-135% /≤ 20%	49 %	UJ nons/ J pos
Tert-Butyl Alcohol	33	100	70-130% /≤ 20%	102	UJ nons/ J pos
Methyl tert-butyl ether	63	98	65-125%/≤ 20%	43 %	J Pos

The trans-1,2-dichloroethene and tert-butyl alcohol result for SIS5-SS01 are qualified as non-detected estimated (UJ). False non-detects are possible.

Using professional judgment the methyl tert-butyl ether (MTBE) result is not qualified based upon the MS/MSD relative percent difference (RPD). The MTBE result is reported as non-detected (U).

Laboratory Control Sample Results

The laboratory analyzed one Laboratory Control Sample (LCS) for the soil sample. All target analytes were reported. LCS recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery Acceptance	Action
trans-1,2-Dichloroethene	56	65-135	UJ nons/ J pos
tert-Butyl Alcohol	33	70-130	UJ nons/ J pos

The trans-1,2-dichloroethene result and tert-butyl alcohol result for SIS5-SS01 are qualified as non-detected estimated (UJ). False non-detects are possible.

Field Duplicates

No field duplicate pairs were reported in this laboratory data package. Analytical precision was also evaluated from the MS/MSD results. Field duplicate RPDs that exceed the 50% are summarized below.

Compound	MS ug/Kg	MSD ug/Kg	% RPD
None			

NC-Not Calculated

No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Soil surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,2-Dichloroethane-d4	BFB	Toluene-d8	DBFM
Acceptance Criteria	**77-119%**	**85-120%**	**85-115%**	**77-121%**
None				

BFB-Bromofluorobenzene DBFM-Dibromofluoromethane

No soil results are qualified based upon surrogate recoveries.

Internal Standards

The laboratory reported fluorobenzene (FLB), chlorobenzene-d5 (CBZ) and 1,4-dichlorobenzene–d4 as the internal standards. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	FLB	CBZ	DCB
Acceptance Criteria			

None			

No VOA results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory RL and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the LOD. Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J). No Method of Detection (MDL) studies were present in the laboratory data package submittal.

Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.

Timothy Lewis

Timothy Lewis
Evaluator

Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8260B Volatile Organic Analysis

New Boston Air Force Station
76144

Table I - Method 8260B Volatile Organic Analysis
Recommendation Summary

Sample ID	Matrix	Qualifier
SIS5-SS01	Soil	J^1, J^2, J^3

A Accept all data.

J^1 Report the MtBE, methylene chloride, trans-1,2-dichloroethene and tert-butyl alcohol results as non-detected estimated (UJ). The continuing calibration % differences or % drifts exceed 20%. Low biases are indicated. False non-detects are possible.

J^2 Report the trans-1,2-dichloroethene and tert-butyl alcohol results as non-detected estimated (UJ). The LCS recoveries are below the QAPP acceptance criteria. Low biases are indicated. False non-detects are possible.

J^3 Report the trans-1,2-dichloroethene and tert-butyl alcohol results as non-detected estimated (UJ). The MS recoveries are below the QAPP acceptance criteria. Low biases are indicated. False non-detects are possible. The MS/MSD % RPDs also exceed the QAPP acceptance criteria.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

January 21, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 10/28/2009
Data package: 76144 Accutest #: M86931
1 Soil Sample

1,4-Dioxane Analysis 8260B SIM

Samples Collected: (Client IDs)

Site ID	Accutest Lab ID	Site ID	CT Lab ID
SIS5-SS01	M86931-1		

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the 1,4-dioxane analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, subcontracted the analyses to Accutest Laboratories, Marlborough, MA. The samples were analyzed by US EPA Method 8260B using selective ion monitoring (SIM).

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	NA	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	NA	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Internal Standards
	X	Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The 1,4-dioxane result for SIS5-SS01 is reported as non-detected (U) without qualification. Note that surrogate results exceed the laboratory acceptance criteria indicating possible high biased results.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J).

No positive results were reported.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples.

The Accutest Laboratories Sample Receipt Summary notes that custody seals were present and intact on the sample coolers.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 1.7^0 C.

The Sample Condition Report notes that custody seals were present and intact. The laboratory receipt summary indicates that all samples were received in good condition.

Samples were collected on 10/28/2009, received on 10/30/2009 and analyzed on 11/11/2009. The VOA analytical holding time is 14 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

No results are qualified based upon the initial calibrations.

Continuing Calibrations

The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% D	RRF	Samples Affected
11/11/09	None			SIS5-SS01, SIS5-SS01rerun
18:13				

All continuing calibration acceptance criteria were met. No results are qualified.

Laboratory, Trip, and Field Blank Analyses

All 1,4-dioxane method blank results were reported as non-detected (U).

RB2-Auger is the rinsate blank sample, reported in laboratory data package 76561, is applicable to these samples. Positive RB2-Auger results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
None		

The 1,4-dioxane results for SIS5-SS01 are reported as non-detected by the laboratory.

No results are qualified based upon the blank results.

Matrix Spike/Matrix Spike Duplicate Results

Soil sample Field Duplicate #4 (M87067) was analyzed as the MS/MSD pair. This sample result is reported in laboratory data package 76230. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
1,4-Dioxane	151	149	35-160/57	1	J pos in parent sample

No 1,4-dioxane results reported in data package 76144 are qualified based upon the MS/MSD results.

Blank Spike Results

The laboratory analyzed one Blank Spike (BS AKA LCS) for the soil sample. Blank Spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery/RPD Acceptance	Action
None		48-141	

No results are qualified based upon the blank spike results.

Field Duplicates

No field duplicate pairs were reported in this laboratory data package. Analytical precision was also evaluated from the MS/MSD results. Field duplicate RPDs that exceed the 50% are summarized below.

Compound	MS ug/Kg	MSD ug/Kg	% RPD
None			

NC-Not Calculated

No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Soil surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,4-Dioxane-d8
Acceptance Criteria	60-140%
SIS5-SS01	154 %
SIS5-SS01 rerun	150 %

The laboratory re-analyzed the sample because of the initial surrogate recovery failure. Both surrogate recoveries exceed the laboratory's acceptance criteria, indicating possible high biased results. The 1,4-dioxane results for SIS5-SS01 are reported as non-detected (U) and are not qualified based upon the indicated high biased result.

No soil results are qualified based upon surrogate recoveries.

Internal Standards

The laboratory reported 4-Bromofluorobenzene as the internal standard. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	4-BFB
Acceptance Criteria	
None	

No VOA results are qualified based upon the internal standard recoveries.

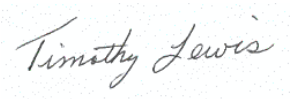
Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory RL and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the LOD. Positive results between the LOD and RL are qualified estimated (J). No Method of Detection (MDL) studies were present in the laboratory data package submittal.

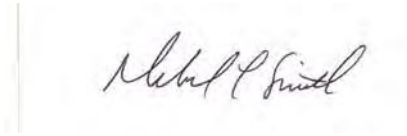
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 1,4-Dioxane 8260B SIM

New Boston Air Force Station
M86931

Table I - Method 1,4-Dioxane by 8260B SIM
Recommendation Summary

Sample ID	Matrix	Qualifier
SIS5-SS01	Soil	A

A Accept all data.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

January 26, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 10/29/2009 and 10/30/2009
Data package: 76193
33 Soil Samples

Semi-Volatile Organic Analysis 8270C

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
NBPAH SS09	741652	NBPAH SB13A	741689
NBPAH SB09A FD 1	741662	NBPAH SS05	741700
NBPAH SS08	741663	NBPAH SB05A	741701
NBPAH SB08A	741664	NBPAH SS06	741702
NBPAH SS07	741665	NBPAH SB06A FD 3	741703
NBPAH SB07A	741666	NBPAH SS04	741704
NBPAH SS010	741667	NBPAH SB04A	741705
NBPAH SB010A	741668	NBPAH SS03	741706
NBPAH SS011	741669	NBPAH SB03A	741707
NBPAH SB011A	741670	NBPAH SS01	741708
NBPAH SS012 FD 2	741671	NBPAH SB01A	741709
NBPAH SB12A	741672	NBPAH SS02	741710
NBPAH SS015	741684	NBPAH SB02A	741711
NBPAH SB15A	741685	Field Duplicate #1	741712
NBPAH SS014	741686	Field Duplicate #2	741713
NBPAH SB14A	741687	Field Duplicate #3	741714
NBPAH SS013	741688		

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the Semi-Volatile Organic Analysis (SVOC) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories, Baraboo, WI reported that the samples were prepared according to US EPA SW-846 Method 3545 (Pressurized Fluid Extraction) and analyzed according to US EPA SW-846 Method 8270C.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*
>
> US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*
>
> U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*
>
> Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
	X	Continuing Calibration
X		Blank Analyses
X		Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
X		System Monitoring Compound Recovery
	X	Internal Standards
X		Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

All dimethylphthalate and di-n-butylphthalate results are reported as non-detected (U) at the laboratory's reporting limits. Random method blank contamination is indicated.

The bis(2-ethylhexyl)phthalate result for NBPAH SS08, NBPAH SS010, NBPAH SS011, NBPAH SS012, NBPAH SS015, NBPAH SB08A, NBPAH SB07A, NBPAH SB011A and NBPAH SB12A are reported as non-detected (U) at the RL due to equipment rinsate blank contamination.

The naphthalene result for NBPAH SS01 is reported as non-detected (U) at the RL due to equipment rinsate blank contamination.

The 2-fluorobiphenyl, 2-fluorophenol and phenol-d5 surrogate recoveries are below the SOW acceptance criteria for sample NBPAH SS08. All non-detected results for NBPAH SS08 are qualified as non-detected estimated (UJ) and all positive results are qualified as estimated (J). Low biased results are indicated. False non-detects are possible. The laboratory re-analyzed the sample at 10X dilution to confirm the low surrogate recoveries.

The benzo(g,h,i)perylene result for NBPAH SS09 is qualified as estimated (J). The MS/MSD recoveries are below the SOW acceptance criteria. The reported result may be biased low.

The benzo(b)fluoranthene result for NBPAH SS09 is qualified as estimated (J). The MSD recovery is above the SOW acceptance criteria. The reported result may be biased high.

The perylene-d12 internal standard recoveries for NBPAH SB08A, NBPAH SS07, NBPAH SS010, NBPAH SS011, NBPAH SS012, NBPAH SB12A, NBPAH SS015, NBPAH SS014 and NBPAH SS013 are below the method acceptance criteria. The laboratory re-analyzed these sample extracts at a 5X dilution. The perylene-d12 internal standard recoveries for the diluted analyses were within the method acceptance criteria. Compound results associated with the perylene-d12 internal standard are reported from the 5 X dilution analyses.

Compound results associated with internal standard chrysene-d12 for samples NBPAH SS014 and NBPAH SS013 are reported from the 5 X dilution analyses also. Sample chromatograms indicate potential interferences although the chrysene-d12 recovery was within the method acceptance criteria for these samples.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the RL are qualified estimated (J).

Refer to Method Detection Limit Results/Practical Quantitation Limits for a discussion of these qualified results.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples except Field Duplicates 1, 2, and 3.

The sample condition report notes that custody seals were not present.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 1.0^0 C.

The Sample Condition Report notes that custody seals were not present.

Samples were collected on 10/29/2009 and 10/30/2009. The SVOC soil extraction holding time is 14 days and the analytical holding time is 40 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

All minimum relative response factor (RRF) criteria for system performance check compounds and percent relative standard deviation (%RSD) for calibration check compounds were met. All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

All breakdown check acceptance criteria and tailing factor acceptance criteria were met.

No results are qualified based upon the initial calibrations. A number of compounds were calibrated using linear or quadratic equations. All QAPP acceptance criteria were met.

Continuing Calibrations

All minimum RRF criteria for SPCC compounds were met. The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

All breakdown check acceptance criteria and tailing factor acceptance criteria were met.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
None				

No results are qualified based upon the continuing calibration results.

Laboratory, Trip, and Field Blank Analyses

Two preparation batch method blanks were analyzed. Positive results are summarized below.

Compound	Batch Run	Conc ug/Kg	Blank Action Conc ug/Kg
Dimethylphthalate	62839	58.4	584
Di-n-butylphthalate	62839	62.9	629
Dimethylphthalate	62952	37.2	372
Di-n-butylphthalate	62952	55.5	555

All dimethylphthalate and di-n-butylphthalate results are reported as non-detected (U) at the laboratory's reporting limits. Random method blank contamination is indicated.

Two equipment rinsate blanks were submitted. The results were reported in laboratory data package 76561.

The RB2-Auger rinsate blank sample is associated with samples with the SS (surface soil) designation. Positive RB2-Auger results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
Bis(2-ethylhexyl)phtahlate	2.3	23
Diethylphthalate	0.26	2.6
Di-n-butylphthalate	1.0	10
Naphthalene	0.23	1.15
Phenol	0.39	1.95

The RB2-Auger diethylphthalate result is qualified as non-detected (U) due to the method blank result.

The bis(2-ethylhexyl)phthalate result for NBPAH SS08, NBPAH SS010, NBPAH SS011, NBPAH SS012 and NBPAH SS015 are reported as non-detected (U) at the RL.

The naphthalene result for NBPAH SS01 is reported as non-detected (U) at the RL.

The RB4-SPOON rinsate blank sample is associated with samples with the SB (sub-soil) designation. Positive RB4-SPOON results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L

Bis(2-ethylhexyl)phtahlate	0.69	6.90
Diethylphthalate	0.26	2.60
Dimethylphthalate	0.19	1.90
Di-n-butylphthalate	0.98	9.80
Naphthalene	0.26	1.30
Phenol	0.47	2.35

The RB4-SPOON diethylphthalate result is qualified as non-detected (U) due to the method blank result.

The bis(2-ethylhexyl)phthalate result for NBPAH SB08A, NBPAH SB07A, NBPAH SB011A and NBPAH SB12A are reported as non-detected (U) at the RL

Matrix Spike/Matrix Spike Duplicate Results

Soil sample NBPAH SS09 was analyzed as the MS/MSD pair. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
Benzo(g,h,i)perylene	39	38	40-125/30	1	J pos low bias
3,3'-Dichlorobenzidine	21	52	10-130/30	83	None
Benzo(b)fluoranthene	107	132	45-115/30	21	J pos high bias
Benzoic Acid	41	59	0-110/30	36	None
Pentachlorophenol	77	105	25-120/30	31	None

The benzoic acid, 3,3'-dichlorobenzidine and pentachlorophenol results are reported as non-detected (U) for sample NBPAH SS09. Non-detected results are not qualified based upon analytical precision.

The benzo(g,h,i)perylene result for NBPAH SS09 is qualified as estimated (J). The reported result may be biased low.

The benzo(b)fluoranthene result for NBPAH SS09 is qualified as estimated (J). The reported result may be biased high.

Soil sample NBPAH SB05A was analyzed as the MS/MSD pair. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
None					

No results for NBPAH SB05A are qualified based upon the MS/MSD results.

Laboratory Control Sample Results

The laboratory analyzed one Laboratory Control Sample (LCS) for each soil sample preparation batch. All target analytes were reported. LCS recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery Acceptance	Action
None			

No results are qualified based upon the LCS results.

Field Duplicates

Samples NBPAH SB09A/Field Duplicate #1 are field duplicates. Analytical precision was also evaluated from the MS/MSD results. Field duplicate RPDs that exceed the 50% are summarized below.

Compound			% RPD
None			

NC-Not Calculated

All results for NBPAH SB09A and Field Duplicate #1 are reported as non-detected (U).

No results are qualified based upon the field duplicate precision.

Samples NBPAH SS012/Field Duplicate #2 are field duplicates. Analytical precision was also evaluated from the MS/MSD results. Field duplicate relative percent differences (RPDs) that exceed the 50% are summarized below.

Compound			% RPD
None			

NC-Not Calculated

Sample Field Duplicate #2 was analyzed at a 5X dilution resulting in elevated LODs. Sample NBPAH SS012 was analyzed without dilution and at a 5X dilution. All RPDs are less then 50%.

Samples NBPAH SB06A/Field Duplicate #3 are field duplicates. Analytical precision was also evaluated from the MS/MSD results. Field duplicate RPDs that exceed the 50% are summarized below.

Compound			% RPD
None			

NC-Not Calculated

No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Soil surrogate recoveries that exceed the QAPP (laboratory) acceptance criteria are summarized below.

Sample ID	2,4,6-TBP	2-FBP	2-FPH	NB-d5	PH-d5	TPH-d14
Acceptance Criteria	**35-125%**	**45-105**	**35-105%**	**35-100**	**40-100**	**30-125**
NBPAH SS08	38	**34**	**32**	39	**33**	38
NBPAH SS02	**30**	53	52	50	48	57
Field Duplicate # 1	**30**	64	56	56	55	70

2,4,6-TBP - 2,4,6-Tribromophenol
2-FBP - 2Fluorobiphenyl
2-FPH - 2-Fluorophenol
NB-d5 - Nitrobenzene-d5
PH-d5 - Phenol-d5
TPH-d14- Terphenyl-d14

All non-detected results for NBPAH SS08 are qualified as non-detected estimated (UJ) and all positive results are qualified as estimated (J). Low biased results are indicated. False non-detects are possible. The laboratory re-analyzed the NBPAH SS08 sample extract at a 10X dilution and surrogate recoveries still failed. Result were reported from the initial analysis

Using professional judgment no results for samples NBPAH SS02 and Field Duplicate # 1 were qualified. Only one acid surrogate recovery was below the SOW acceptance criteria. Sample extracts NBPAH SS02 and Field Duplicate # 1 were re-analyzed without dilution and the 2,4,6-tribromophenol surrogate recoveries for both samples were below the SOW acceptance criteria.

Internal Standards

The laboratory reported 1,4-dichlorobenzene-d4 (DCB), naphthalene-d8 (NPT), acenaphthene-d10 (ANT), phenanthrene-d10 (PHN), chrysene-d12 (CRY) and perylene-d12 (PRY) as the internal standards. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	DCB	NPT	ANT
Acceptance Criteria			
Sample ID	**PHN**	**CRY**	**PRY**
Acceptance Criteria			**3127166-781792**
NBPAH SB08A			741225
NBPAH SS07			773772
NBPAH SS010			681889
NBPAH SS011			645250
NBPAH SS012			333188
NBPAH SB12A			429427
NBPAH SS015			255485
NBPAH SS014			225331

NBPAH SS013			178052

The perylene-d12 internal standard recoveries for NBPAH SB08A, NBPAH SS07, NBPAH SS010, NBPAH SS011, NBPAH SS012, NBPAH SB12A, NBPAH SS015, NBPAH SS014 and NBPAH SS013 are below the method acceptance criteria. The laboratory re-analyzed these sample extracts at a 5X dilution. The perylene-d12 internal standard recoveries for the diluted analyses were within the method acceptance criteria. Compound results associated with the perylene-d12 internal standard are reported from the 5 X dilution analyses for these samples.

No SVOC results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory reporting limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the RL and the LOD are qualified estimated (J). No MDL studies were present in the laboratory data package submittal.

The benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, di-n-octylphthalate, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene results for NBPAH SS09 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The benzo(a)anthracene, benzo(b)fluoranthene, chrysene, fluoranthene, phenanthrene and pyrene results for NBPAH SS08 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The anthracene and phenanthrene results for NBPAH SB08A are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). These results were reported without dilution. The benzo(a)pyrene, benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene results for NBPAH SB08A are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). These results were reported from a 5X dilution.

The anthracene result for NBPAH SS07 is qualified as estimated (J). The result is between the laboratory's limit of detection (LOD) and reporting limit (RL). This result was reported without dilution. The benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene results for NBPAH SS07 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). These results were reported from a 5X dilution.

The benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene results for NBPAH SB07A are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The pyrene result for NBPAH SS010 is qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results were reported from 5 X dilutions. These results were reported as non-detected (U) at the 5X dilution.

The benzo(a)anthracene, benzo(b)fluoranthene and pyrene results for NBPAH SB010A are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The benzo(a)anthracene, chrysene, fluoranthene, phenanthrene and pyrene results for NBPAH SS011 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results were reported from 5 X dilutions. These results were reported as non-detected (U) at the 5X dilution.

The benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, fluoranthene, phenanthrene and pyrene results for NBPAH SB011A are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The benzo(a)anthracene and phenanthrene results for NBPAH SS012 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results were reported from 5 X dilutions. The benzo(b)fluoranthene is qualified as estimated (J). The other results were reported as non-detected (U) at the 5X dilution.

The benzo(a)anthracene, chrysene, fluoranthene, phenanthrene and pyrene results for NBPAH SB12A are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results were reported from 5 X dilutions. These results were reported as non-detected (U) at the 5X dilution.

The benzo(a)anthracene, fluoranthene and pyrene results for NBPAH SS015 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results were reported from 5 X dilutions. These results were reported as non-detected (U) at the 5X dilution.

The 3,3'-dichlorobenzidine, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, butlybenzylphthalate, chrysene, dibenzo(a,h)anthracene, di-n-octylphthalate, indeno(1,2,3-cd)pyrene and pyrene results for sample NBPAH SS014 are reported as non-detected (U) at a 5X dilution.

The fluoranthene and phenanthrene results for NBPAH SS013 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). The 3,3'-dichlorobenzidine, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene,

benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, butlybenzylphthalate, chrysene, dibenzo(a,h)anthracene, di-n-octylphthalate, indeno(1,2,3-cd)pyrene and pyrene results for sample NBPAH SS013 are reported as non-detected (U) at a 5X dilution.

The benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene results for NBPAH SS05 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The benzo(a)anthracene, benzo(b)fluoranthene, indeno(1,2,3-cd)pyrene and pyrene results for NBPAH SS06 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, benzo(g,h,i)perylene, carbazole, dibenzo(a,h)anthracene, chrysene, indeno(1,2,3-cd)pyrene and phenanthrene results for NBPAH SB06A are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

Sample NBPAH SS04 was analyzed at a 5X dilution for all analyses. All results are reported as non-detected (U) at the elevated RL.

The acenaphthylene, anthracene and indeno(1,2,3-cd)pyrene results for NBPAH SS03 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The benzo(a)anthracene, benzo(b)fluoranthene, fluoranthene, indeno(1,2,3-cd)pyrene and pyrene results for NBPAH SB03A are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The 2-methylnaphthalene, acenaphthene and fluorene results for NBPAH SS01 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and phenanthrene results for NBPAH SS02 are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The indeno(1,2,3-cd)pyrene result for NBPAH SB02A is qualified as estimated (J). The result is between the laboratory's limit of detection (LOD) and reporting limit (RL).

Sample Field Duplicate #2 was analyzed at a 5X dilution for all analyses. The benzo(b)fluoranthene and pyrene results for Field Duplicate #2 are qualified as estimated (J). The results are between the laboratory's elevated limit of detection (LOD) and elevated reporting limit (RL). All other results are reported as non-detected (U) at the elevated RL.

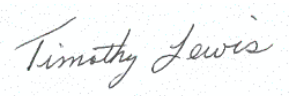
The benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene and phenanthrene results for Field Duplicate #3

are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

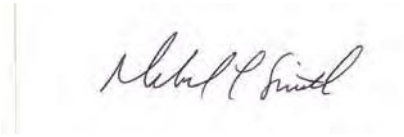
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8270C Semi-Volatile Organic Analysis

New Boston Air Force Station
76193

Table I - Method 8270C Semi-Volatile Organic Analysis
Recommendation Summary

Sample ID	Matrix	Qualifier
NBPAH SS09	Soil	A[1], A[2], J[2], J[3], J[4]
NBPAH SB09A FD 1	Soil	A[1]
NBPAH SS08	Soil	A[1], A[2], A[4], J[1], J[5]
NBPAH SB08A	Soil	A[1], A[2], A[4], J[6]
NBPAH SS07	Soil	A[1], A[2], J[7]
NBPAH SB07A	Soil	A[1], A[2], A[4], J[8]
NBPAH SS010	Soil	A[1], A[2], A[4], J[9]
NBPAH SB010A	Soil	A[1], A[2], J[10]
NBPAH SS011	Soil	A[1], A[2], A[4], J[11]
NBPAH SB011A	Soil	A[1], A[2], A[4], J[12]
NBPAH SS012 FD 2	Soil	A[1], A[2], A[4], J[13]
NBPAH SB12A	Soil	A[1], A[2], A[4], J[14]
NBPAH SS015	Soil	A[1], A[2], A[4], J[15]
NBPAH SB15A	Soil	A[1], A[2]
NBPAH SS014	Soil	A[1], A[2]
NBPAH SB14A	Soil	A[1], A[2]
NBPAH SS013	Soil	A[1], A[2], J[16]
NBPAH SB13A	Soil	A[1]
NBPAH SS05	Soil	A[1], A[2], J[17]
NBPAH SB05A	Soil	A[1], A[2]
NBPAH SS06	Soil	A[1], A[2], J[18]
NBPAH SB06A FD 3	Soil	A[1], A[2], J[19]
NBPAH SS04	Soil	A[3]
NBPAH SB04A	Soil	A[1], A[2]
NBPAH SS03	Soil	A[1], A[2], J[20]
NBPAH SB03A	Soil	A[1], A[2], J[21]
NBPAH SS01	Soil	A[1], A[2], A[5], J[22]
NBPAH SB01A	Soil	A[1], A[2]
NBPAH SS02	Soil	A[1], A[2], J[23]
NBPAH SB02A	Soil	A[1], A[2], J[24]
Field Duplicate #1	Soil	A[1], A[2]
Field Duplicate #2	Soil	A[3], J[25]
Field Duplicate #3	Soil	A[1], A[2], J[26]

A Accept all data.

A[1] Report the dimethlyphthalate result as non-detected (U) at the RL. The reported result is less than the blank action concentration and the RL. Method blank contamination is indicated.

A[2] Report the di-n-butylphthalate result as non-detected (U) at the RL. The reported result is less than the blank action concentration and the RL. Method blank contamination is indicated.

A[3] All results reported from a 5X dilution.

A[4] Report the bis(2-ethylhexyl)phthalte result as non-detected (U) at the RL. The reported result is less than the blank action concentration and the RL. Equipmenr blank contamination is indicated.

A[5] Report the naphthalene result as non-detected (U) at the RL. The reported result is less than the blank action concentration and the RL. Equipment blank contamination is indicated.

J[1] All non-detected results are qualified as non-detected estimated (UJ) and all positive results are qualified as estimated (J). Three of six surrogate recoveries are below the SOW acceptance criteria. Positive results may be biased low and false non-detects are possible.

J[2] The benzo(g,h,i)perylene result is qualified as estimated (J). The MS/MSD recoveries are below the SOW acceptance criteria. The reported result may be biased low.

J[3] The benzo(b)fluoranthene result is qualified as estimated (J). The MSD recovery is above the SOW acceptance criteria. The reported result may be biased high.

J[4] The benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, di-n-octylphthalate, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[5] The benzo(a)anthracene, benzo(b)fluoranthene, chrysene, fluoranthene, phenanthrene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[6] The anthracene and phenanthrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). These results were reported without dilution. The benzo(a)pyrene, benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). These results were reported from a 5X dilution.

J[7] The anthracene result is qualified as estimated (J). The result is between the laboratory's limit of detection (LOD) and reporting limit (RL). This result was reported without dilution. The benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). These results were reported from a 5X dilution.

J[8] The benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[9] The pyrene result is qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[10] The benzo(a)anthracene, benzo(b)fluoranthene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[11] The benzo(a)anthracene, chrysene, fluoranthene, phenanthrene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[12] The benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, fluoranthene, phenanthrene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[13] The benzo(a)anthracene and phenanthrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results were reported from 5 X dilutions. The benzo(b)fluoranthene is qualified as estimated (J).The other results were reported as non-detected (U) at the 5X dilution.

J[14] The benzo(a)anthracene, chrysene, fluoranthene, phenanthrene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results were reported from 5 X dilutions. These results were reported as non-detected (U) at the 5X dilution.

J[15] The benzo(a)anthracene, fluoranthene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene results were reported from 5 X dilutions. These results were reported as non-detected (U) at the 5X dilution.

J[16] The fluoranthene and phenanthrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[17] The benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[18] The benzo(a)anthracene, benzo(b)fluoranthene. indeno(1,2,3-cd)pyrene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[19] The benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene and phenanthrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J[20] The acenaphthylene, anthracene and indeno(1,2,3-cd)pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J^{21} The benzo(a)anthracene, benzo(b)fluoranthene, fluoranthene, indeno(1,2,3-cd)pyrene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J^{22} The 2-methylnaphthalene, acenaphthene and fluorene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J^{23} The benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, dibenzo(a,h)anthracene and phenanthrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J^{24} The indeno(1,2,3-cd)pyrene result is qualified as estimated (J). The result is between the laboratory's limit of detection (LOD) and reporting limit (RL).

J^{25} The benzo(b)fluoranthene and pyrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL). All results are reported from a 5X dilution.

J^{26} The benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene and phenanthrene results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

February 17, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 11/03/2009
Data package: 76230
3 Soil Samples and 1 Trip Blank

Volatile Organic Analysis 8260B

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SIS 5 SB01A (FD)	743342	Field Duplicate #4	743344
SIS 5 SB01B	743343	Trip Blank	743345

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the Volatile Organic Analysis (VOA) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, reported that the samples were prepared and analyzed according to US EPA SW-846 Method 8260B.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
X		Continuing Calibration
	X	Blank Analyses
	X	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Internal Standards
X		Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The laboratory reported all QAPP specified VOAs. The original data package did not contain results for tert-butyl alcohol. The laboratory was requested to provide this information on 01/18/2010 and the data were provided on 01/18/2010.

The COC notes that EDB/DBCP analyses were requested using US EPA SW-846 Method 8011. Shaw Environmental was notified that the EDB/DBCP analyses could not be performed on soil samples. Ethylene dibromide (EDB) and 1,2-dibromo-3-chloropropane (DBCP) are 8260B volatile organic analytes and EDB/DBCP results are reported from the 8260B analyses.

The tetrahydrofuran continuing calibration result indicates a low bias. The tetrahydrofuran results for SIS 5 SB01A, SIS 5 SB01B, Field Duplicate #4 and Trip Blank are reported as non-detected (U) and are qualified as non-detected estimated (UJ). False non-detects are possible.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of

Detection (LOD). Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J).

The acetone and toluene results for SIS 5 SB01B are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples except Field Duplicate 4 and Trip Blank.

The sample condition report notes that custody seals were not present.

The COC notes that EDB/DBCP analyses were requested using US EPA SW-846 Method 8011. Shaw Environmental was notified that the EDB/DBCP analyses could not be performed on soil samples. Ethylene dibromide and 1,2-dibromo-3-chloropropane are 8260B volatile organic analytes and EDB/DBCP results are reported from the 8260B analyses.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 2.1^0 C.

The Sample Condition Report notes that custody seals were not present.

Samples were collected on 11/03/2009. The VOA analytical holding time is 14 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

All minimum relative response factor (RRF) criteria for system performance check compounds and percent relative standard deviation (%RSD) for calibration check compounds were met. All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

No results are qualified based upon the initial calibrations.

Continuing Calibrations

All minimum RRF criteria for SPCC compounds were met. The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
11/13/09	Chloroethane	-21.1	0.338	Trip Blank, SIS 5 SB01A, SIS 5 SB01B, Field Duplicate #4, Field Duplicate #4 MS, Field Duplicate #4 MSD, LCS 746992, Method Blank 746991
08:24	Tetrahydrofuran	21	0.109	
	Bromoform	-26.8	0.175	
	Bromomethane	-33% Drift		

The tetrahydrofuran continuing calibration result indicates a low bias. All tetrahydrofuran results are reported as non-detected (U) and are qualified as non-detected estimated (UJ).

The chloroethane, bromoform and bromomethane continuing calibration results indicate high biases. All chloroethane, bromoform and bromomethane are reported as non-detected (U). Using professional judgment the chloroethane, bromoform and bromomethane results are reported without qualification.

Laboratory, Trip, and Field Blank Analyses

All VOA method blank results and trip blank results were reported as non-detected (U).

RB4-SPOON is the rinsate blank sample, reported in laboratory data package 76561, is applicable to these samples. Positive RB4-SPOON results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
Methylene Chloride	16	160
Chloroform	0.25	1.25
Chloromethane	0.45	0.225
Tetrahydrofuran	7.5	37.5
Toluene	1.3	6.5

No results are qualified based upon the blank results. Note that the positive toluene result for SIS 5 SB01B is greater than the toluene blank action concentration.

Matrix Spike/Matrix Spike Duplicate Results

Soil sample Field Duplicate #4 was analyzed as the MS/MSD pair. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
None					

No results are qualified based upon the MS/MSD results.

Laboratory Control Sample Results

The laboratory analyzed one Laboratory Control Sample (LCS) for the soil samples. All target analytes were reported. LCS recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery Acceptance	Action
None			

No results are qualified based upon the LCS results.

Field Duplicates

Samples SIS 5 SB01A and Field Duplicate #4 are a field duplicate pair. Analytical precision was also evaluated from the MS/MSD results. Field duplicate RPDs that exceed the 50% are summarized below.

Compound	SIS 5 SB01A	Field Duplicate #4	% RPD
None			

NC-Not Calculated

All results for SIS 5 SB01A and Field Duplicate #4 are reported as non-detected (U).

No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Soil surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,2-Dichloroethane-d4	BFB	Toluene-d8	DBFM
Acceptance Criteria	**77-119%**	**85-120%**	**85-115%**	**77-121%**
None				

BFB-Bromofluorobenzene DBFM-Dibromofluoromethane

No soil results are qualified based upon surrogate recoveries.

Internal Standards

The laboratory reported fluorobenzene (FLB), chlorobenzene-d5 (CBZ) and 1,4-dichlorobenzene–d4 as the internal standards. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	FLB	CBZ	DCB
Acceptance Criteria			
None			

No VOA results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J). No Method Detection Limit (MDL) studies were present in the laboratory data package submittal.

The acetone and toluene results for SIS 5 SB01B are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

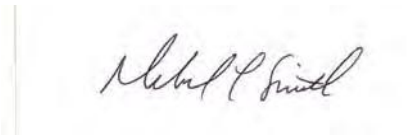
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.

Timothy Lewis

Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8260B Volatile Organic Analysis

New Boston Air Force Station
76230

Table I - Method 8260B Volatile Organic Analysis
Recommendation Summary

Sample ID	Matrix	Qualifier
SIS 5 SB01A (FD)	Soil	J[1]
SIS 5 SB01B	Soil	J[1], J[2]
Field Duplicate #4	Soil	J[1]
Trip Blank	Soil	J[1]

A Accept all data.

J[1] Report the tetrahydrofuran results as non-detected estimated (UJ). The continuing calibration % difference exceeds 20%. Low biases are indicated. False non-detects are possible.

J[2] Report the acetone and toluene results as estimated (J). The reported results are between the LOD and RL.

KESTREL
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February 17, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 11/03/2009
Data package: 76230 Accutest #: M87067
3 Soil Samples and 1 Trip Blank

1,4-Dioxane Analysis 8260B SIM

Samples Collected: (Client IDs)

Site ID	Accutest Lab ID	Site ID	Accutest Lab ID
SIS 5 SB01A (FD)	M87067-1	Field Duplicate #4	M87067-3
SIS 5 SB01B	M87067-2	Trip Blank	M87067-4

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the 1,4-dioxane analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, subcontracted the analyses to Accutest Laboratories, Marlborough, MA. The samples were analyzed by US EPA Method 8260B using selective ion monitoring (SIM).

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)"*.

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*
>
> US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
X		Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
X		System Monitoring Compound Recovery
	X	Internal Standards
	X	Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The 1,4-dioxane result for Field Duplicate #4 is qualified as estimated (J). The MS/MSD recoveries and the surrogate recovery indicate a potential high bias. The deviations were confirmed by re-analysis.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the Reporting Limit (RL) are qualified estimated (J).

All positive results are at concentrations greater than RL.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples except Field Duplicate 4 and Trip Blank.

The Accutest Laboratories Sample Receipt Summary notes that custody seals were present and intact on the sample coolers.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 1.3^0 C.

The Sample Condition Report notes that custody seals were present and intact. The laboratory receipt summary indicates that all samples were received in good condition, properly preserved and no headspace.

Samples were collected on 11/03/2009. The VOA analytical holding time is 14 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

No results are qualified based upon the initial calibrations.

Continuing Calibrations

The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% D	RRF	Samples Affected
11/11/09	None			SIS5-SS01, SIS5-SS01rerun
18:13				

All continuing calibration acceptance criteria were met. No results are qualified.

Laboratory, Trip, and Field Blank Analyses

All 1,4-dioxane method blank results and trip blank results were reported as non-detected (U).

Equipment rinsate RB4-SPOON was reported in data package 76561. 1,4-dioxane was reported as non-detected (U) for sample RB4-SPOON.

No results are qualified based upon the method blank, trip blank and equipment rinsate blank results.

Matrix Spike/Matrix Spike Duplicate Results

Soil sample Field Duplicate #4 (M87067-3) was analyzed as the MS/MSD pair. This sample result is reported in laboratory data package 76230. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
1,4-Dioxane	151	149	35-160/57	1	J pos in parent sample

Using professional judgment, the 1,4-dioxane result for Field Duplicate #4 is qualified as estimated (J). The laboratory acceptance criteria are 60-140%. The reported result may be biased high.

Blank Spike Results

The laboratory analyzed one Blank Spike (BS AKA LCS) for the soil sample. Blank Spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery/RPD Acceptance	Action
None		48-141	

No results are qualified based upon the blank spike results.

Field Duplicates

Samples SIS 5 SB01A and Field Duplicate #4 are a field duplicate pair. Analytical precision was also evaluated from the MS/MSD results. The reported results are summarized below.

Compound	SIS 5 SB01A	Field Duplicate #4	% RPD
1,4-Dioxane	0.93 ug/Kg U	1.2 ug/Kg	NC

NC-Not Calculated

The RL for 1,4-dioxane is 1.0 ug/Kg. Note that the 1,4-dioxane result for Field Duplicate #4 is qualified as estimated based upon high biased MS/MSD results and a high biased surrogate result.

No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Soil surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,4-Dioxane-d8
Acceptance Criteria	60-140%
Field Duplicate #4	199 %
Field Duplicate #4 MS	155%
Field Duplicate #4 MSD	148%

The laboratory did not re-analyze the sample because the sample was analyzed as the MS/MSD pair and the MS/MSD surrogate recoveries also indicated a positive matrix interference.

The 1,4-dioxane result for Field Duplicate #4 is qualified as estimated (J). The reported result may be biased high.

Internal Standards

The laboratory reported 4-bromofluoronemzene (BFB) as the internal standard. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	**BFB**
Acceptance Criteria	
None	

No VOA results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

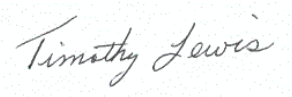
Sample results were reported to the Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the LOD. Positive results between the Limit of Detection (LOD) and the Reporting Limit (RL) are qualified estimated (J). No method detection limit (MDL) studies were present in the laboratory data package submittal.

All positive results are at concentrations greater than RL.

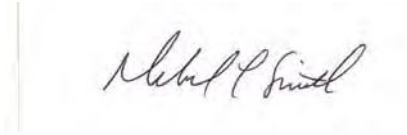
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8260B SIM 1,4-Dioxane Analysis

New Boston Air Force Station
M87067

Table I - Method 1,4-Dioxane by 8260B SIM
Recommendation Summary

Sample ID	Matrix	Qualifier
SIS 5 SB01A (FD)	Soil	A
SIS 5 SB01B	Soil	A
Field Duplicate #4	Soil	J[1]
Trip Blank	Soil	A

A Accept all data.

J[1] Report the 1,4-dioxane result as estimated (J). The MS/MSD and surrogate recoveries exceed the QAPP acceptance criteria. High biases are indicated. The reported positive result may be biased high.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

February 16, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 11/23/2009 and 11/24/2009
Data package: 76561
10 Aqueous Samples, 6 Soil Samples and 1 Equipment Rinsate Blank Sample

Method 6010C Copper by ICP

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SIS18SW5	751320	SIS18SW10	751345
SIS18SW8	751323	SIS18SS13	751348
SIS18SW3	751328	SIS18SS11	751349
SIS18SW2 DUP FD1	751331	SIS18SS12	751350
SIS18SW2 DUP FD 1	751332	SIS18SS9 FD2	751351
SIS18SW4	751333	SIS18SS9 DUP FD2	751352
SIS18SW6	751334	SIS18SS10	751353
SIS18SW7	751339	RB2-AUGER EB	751366
SIS18SW9	751341		

FD - Field Duplicate Samples EB Equipment Rinsate Blank

Dear Mr. Malarek:

A data validation was performed on the aqueous and soil/sediment analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories, Baraboo, WI, reported that the aqueous samples were prepared according to US EPA SW-846 Method 3010A, soil samples were prepared according to US EPA SW-846 Method 3050 and all sample digestates were analyzed by US EPA SW 846 Method 6010C (inductively coupled plasma).

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)"*.

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	X	Interference Check Standard Results ICSA/ICSAB
	X	Matrix Spike Recoveries
X		Laboratory Duplicate Sample Analysis
	X	Laboratory Control Samples (Blank Spike)
X		Field Duplicate Sample Analysis
X		ICP Serial Dilution
X		Sample Quantitation Verification

Table I summarizes the recommendations that are based upon the following information:

Summary

The copper result for soil sample SIS18SS13 is qualified as estimated (J). The laboratory duplicate %RPD exceeds 20% at 35%. Sample non-homogeneity is indicated.

The copper results for the field duplicate pair SIS18SS9 and SIS18SS9 DUP are 1090 mg/Kg and 343 mg/Kg and the total solids are 46.4% and 71.0% respectively. The copper results for SIS18SS9 and SIS18SS9 DUP are qualified as estimated (J).

The ICP serial dilution % difference for soil sample SIS18SS13 is 11%. A potential positive bias is indicated. The copper results for soil samples SIS18SS13, SIS18SS11, SS18SS12, SIS18SS9, SIS18SS9 DUP and SIS18SS10 are qualified as estimated (J). Results may be biased low.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J).

The total copper results for aqueous samples SIS18SW8, SIS18SW3 and SIS18SW7 are qualified as estimated (J). The reported results are between the LOD and the RL.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples.

The sample condition report notes that custody seals were not present.

Aqueous samples were not filtered. Aqueous copper results are reported as total copper.

Communications between Shaw and the laboratory indicate that sample IDS for LAB IDs 751360, 751361, 751362 and 751359 should be SIS18SB10B, SIS18SB10C, SIS18SB10D and SIS18SB9C DUP rather than the COC IDs SIS1010B, SIS1810C, SIS1810D and SIS18SB-9 Duplicate. The proper IDs were used by the laboratory.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperatures were 3.6^0 C and 2.2^0 C.
The Sample Condition Report notes that custody seals were not present.

Samples were prepared and analyzed within the analytical holding times.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Initial Calibrations

All initial calibrations met for the method acceptance criteria.

No results are qualified based upon the initial calibration verification acceptance criteria, 90-110%.

Continuing Calibrations

All continuing calibration recoveries are between 90-110%. The laboratory analyzed a reporting limit check standard at 10 ug/L. The results are between 80-120%.

No results are qualified based upon the continuing calibration results.

Laboratory, Trip, and Field Blank Analyses

One soil and one aqueous method blank are associated with this data package. All method blank results are reported as non-detected (U).

RB2-Auger is the equipment rinsate blank samples associated with these soil samples. Positive equipment blank results are summarized below.

Element	Blank Result ug/L	Blank Action Conc. ug/L
None		

All initial and continuing calibration blank results are reported as non-detected.

No results are qualified based upon the method blank, instrument calibration blank and equipment rinsate blank results.

Interference Check Standard Results

All method acceptance criteria were met. No results are qualified based upon interference check standard results.

Matrix Spike Results

The laboratory analyzed a matrix spike and a laboratory duplicate rather than a MS/MSD pair.

Aqueous sample SIS18SW5 was analyzed as the matrix spike sample. Matrix spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Element	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
None		NA	80-120/20	NA	

The MS recovery was 93%. No aqueous results are qualified based upon the MS recovery.

Soil sample SIS18SS13 was analyzed as the matrix spike sample. Matrix spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Element	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
Copper	443	NA	80-120	NA	None

The SIS18SS13 sample concentration is 351 mg/Kg and the spike concentration is 18.5 mg/Kg. The spike concentration is insignificant when compared to the parent sample concentration. The post digestion spike recovery was 91%.

No results are qualified based upon MS results.

Laboratory Duplicates

Aqueous sample SIS18SW5 was analyzed as a laboratory duplicate sample. Both results are reported as non-detected (U).

Soil sample SIS18SS13 was analyzed as a laboratory duplicate sample. Results that do not meet the QAPP acceptance criteria are summarized below.

Element	Sample mg/Kg	DUP mg/Kg	Acceptance RPD	RPD
Copper	351	499	≤ 20%	35%

Sample non-homogeneity is indicated. The copper result for SIS18SS13 is qualified as estimated (J).

Laboratory Control Sample Results

The laboratory analyzed one Laboratory Control Sample (LCS) for the soil samples and one LCS for the aqueous samples. LCS recoveries that exceed the QAPP acceptance criteria are summarized below.

Element	LCS% Rec	Recovery Acceptance	Action
None		80-120%	

All soil and aqueous LCS results are within the QAPP acceptance criteria.

No results are qualified based upon LCS results.

Field Duplicates

Aqueous samples SIS18SW2 and SIS18SW2 DUP are a field duplicate pair. Both results are reported as non-detected (U). No aqueous results are qualified based upon field duplicate results.

Soil samples SIS18SS9 and SS18SS9 DUP are a field duplicate pair. The total solids are 46.4% and 71.0% respectively. The copper results are 1090 mg/Kg and 343 mg/Kg respectively. Sample non-homogeneity is indicated.

ICP Serial Dilution

Sample SIS18SW5 was analyzed as the aqueous ICP serial dilution sample. Both results are reported as non-detected (U). No results are qualified based upon the aqueous serial dilution result.

Sample SIS18SS13 was analyzed as the ICP serial dilution sample for the soil samples. Results are summarized below.

Element	Sample ug/L	Serial Dilution ug/L	Acceptance % Diff	% Diff
Copper	9490	10550	≤ 10%	11%

The solution concentration is greater than 50X the RL. A potential low bias is indicated. All copper results for the soil samples are qualified as estimated (J).

Method Detection Limit Results/Practical Quantitation Limits

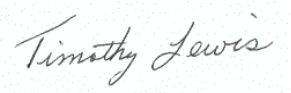
Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J). Method blank results are reported to the LOD.

The total copper results for aqueous samples SIS18SW8, SIS18SW3 and SIS18SW7 are qualified as estimated (J). The reported results are between the LOD and the RL.

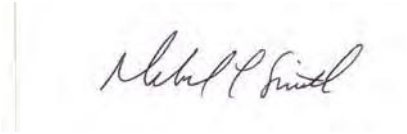
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 6010C Copper by Inductively Coupled Plasma

New Boston Air Force Station
76561

Table I – Method 6010C Copper by ICP
Recommendation Summary

Sample ID	Matrix	Qualifier
SIS18SW5	Aqueous	A
SIS18SW8	Aqueous	J[4]
SIS18SW3	Aqueous	J[4]
SIS18SW2 DUP FD1	Aqueous	A
SIS18SW2 DUP FD 1	Aqueous	A
SIS18SW4	Aqueous	A
SIS18SW6	Aqueous	A
SIS18SW7	Aqueous	J[4]
SIS18SW9	Aqueous	A
SIS18SW10	Aqueous	A
SIS18SS13	Soil	J[1], J[3]
SIS18SS11	Soil	J[3]
SIS18SS12	Soil	J[3]
SIS18SS9 FD2	Soil	J[2], J[3]
SIS18SS9 DUP FD2	Soil	J[2], J[3]
SIS18SS10	Soil	J[3]
RB2-AUGER EB	Aqueous	A

A Accept all data.

J[1] Based upon laboratory duplicate precision the copper result is qualified as estimated (J). Sample non-homogeneity is indicated.

J[2] Based upon field duplicate precision the copper result is qualified as estimated (J). Sample non-homogeneity is indicated.

J[3] Based upon ICP serial dilution results the copper result is qualified as estimated (J). The reported result may be biased low.

J[4] The reported copper result is between the LOD and the RL. The result is qualified as estimated (J).

KESTREL
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February 14, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 11/23/2009 and 11/24/2009
Data package: 76561
15 Soil Samples and 1 Equipment Rinsate Blank Sample

Method 7470A and 7471A Mercury

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SIS18SD5	751321	SIS18SD10	751346
SIS18SD8 FD 1	751326	SIS18SS13	751348
SIS18SD8 DUP FD 1	751327	SIS18SS11	751349
SIS18SD3	751329	SIS18SS12	751350
SIS18SD6	751336	SIS18SS9 FD2	751351
SIS18SD4	751338	SIS18SS9 DUP FD2	751352
SIS18SD7	751340	SIS18SS10	751353
SIS18SD9	751343	RB2-AUGER EB	751366

FD - Field Duplicate Samples EB Equipment Rinsate Blank

Dear Mr. Malarek:

A data validation was performed on the aqueous and soil/sediment analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories, Baraboo, WI, reported that the aqueous samples were prepared and analyzed according to US EPA SW-846 Method 7470A and soil samples were prepared and analyzed according to US EPA SW-846 Method 7471A.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	X	Matrix Spike Recoveries
X		Laboratory Duplicate Sample Analysis
	X	Laboratory Control Samples (Blank Spike)
X		Field Duplicate Sample Analysis
X		Sample Quantitation Verification

Table I summarizes the recommendations that are based upon the following information:

Summary

The mercury result for sediment sample SIS18SD5 is qualified as estimated (J). The laboratory duplicate %RPD exceeds 20%. Sample non-homogeneity is indicated.

The mercury results for the field duplicate pair SIS18SS9 and SIS18SS9 DUP are 0.82 mg/Kg and 0.28 mg/Kg and the total solids are 46.4% and 71.0% respectively.

The total solids results for SIS18SD5, SIS18SD8, SIS18SD8 DUP, SIS18SD3, SIS18SD4, SIS18SD9, SIS18SD7, and SIS18SD10 are 10.3%, 21.9%, 22.8%, 15.4%, 14.2%, 25.2%, 9.3% and 16.6% respectively. Mercury results for these samples are qualified as estimated (J). Sample non-homogeneity is possible.

Based upon the laboratory duplicate precision and field duplicate precision the mercury results for SIS18SD5, SIS18SD3, SIS18SD6, SIS18SD4, SIS18SD7, SIS18SD9, SIS18SD10, SIS18SS10, SIS18SS13, SIS18SS11, SIS18SS12, SIS18SS9 and SIS18SS9 DUP are qualified as estimated (J). Sample non-homogeneity is indicated.

Using professional judgment all mercury results are qualified as estimated (J). Laboratory duplicate, field duplicate and total solids results indicate sample non-homogeneity.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J).

All positive results are reported at concentrations greater than the RLs.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples.

The sample condition report notes that custody seals were not present.

Communications between Shaw and the laboratory indicate that sample IDS for LAB IDs 751360, 751361, 751362 and 751359 should be SIS18SB10B, SIS18SB10C, SIS18SB10D and SIS18SB9C DUP rather than the COC IDs SIS1010B, SIS1810C, SIS1810D and SIS18SB-9 Duplicate. The proper IDs were used by the laboratory.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperatures were 3.6^0 C and 2.2^0 C.
The Sample Condition Report notes that custody seals were not present.

The mercury analytical holding times of 28 days were met.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Initial Calibrations

All initial calibration results were met for the aqueous and solid calibration curves.

No results are qualified based upon the initial calibration acceptance criteria.

Continuing Calibrations

All continuing calibration recoveries are between 80% and 120%.

No results are qualified based upon the continuing calibration results.

Laboratory, Trip, and Field Blank Analyses

One soil mercury and one aqueous method blank are associated with this data package. All method blank results are reported as non-detected (U).

RB2-Auger is the equipment rinsate blank samples associated with these soil samples. Positive equipment blank results are summarized below.

Element	Blank Result ug/L	Blank Action Conc. ug/L
None		

All initial and continuing calibration blank results are reported as non-detected.

No results are qualified based upon the method blank, instrument calibration blank and equipment rinsate blank results.

Matrix Spike Results

The laboratory analyzed a matrix spike and a laboratory duplicate rather than a MS/MSD pair.

Aqueous sample RB2-AUGER was analyzed as the matrix spike sample. Matrix spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Element	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
None		NA	80-120	NA	

Sediment sample SIS18SD5 was analyzed as the matrix spike sample. Matrix spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Element	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
None		NA	80-120	NA	

All solid and aqueous MS results are within the SOW acceptance criteria.

No results are qualified based upon MS results.

Laboratory Duplicates

Aqueous sample RB2-AUGER was analyzed as a laboratory duplicate sample. Both results are reported as non-detected (U).

Sediment sample SIS18SD5 was analyzed as a laboratory duplicate sample. Results that do not meet the QAPP acceptance criteria are summarized below. Note that the % total solid for this sample is 10.3%.

Element	Sample ug/Kg	DUP ug/Kg	Acceptance RPD	RPD
Mercury	0.14	0.11	≤ 20%	24%

Sample non-homogeneity is indicated. The mercury result for SIS18SD5 is qualified as estimated (J).

Laboratory Control Sample Results

The laboratory analyzed one Laboratory Control Sample (LCS) for the solid samples and one LCS for the aqueous samples. LCS recoveries that exceed the QAPP acceptance criteria are summarized below.

Element	LCS% Rec	Recovery Acceptance	Action
None		80-120%	

All soil and aqueous LCS results are within the QAPP acceptance criteria.

No results are qualified based upon LCS results.

Field Duplicates

Samples SIS18SD8/SIS18SD8 DUP and SIS18SS9/SIS18SS9 DUP were the field duplicate pairs.

The mercury results for SIS18SD8 and SIS18SD8 DUP are 0.26 mg/Kg and 0.25 mg/Kg. The total solids are less than 30%.

The mercury results for SIS18SS9 and SIS18SS9 DUP are qualified as estimated (J). The total solids are 46.4% and 71.0% respectively. The mercury results are 0.82 mg/Kg and 0.28 mg/Kg respectively. Sample non-homogeneity is indicated.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory RL and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the LOD. Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J). No Method of Detection (MDL) studies were present in the laboratory data package submittal.

All positive results are reported at concentrations greater than the RLs.

The lowest standard is 0.50 ug/L and the laboratory RL is 0.13 ug/L.

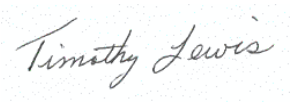
The mercury result for SIS18SS11 was reported from a 5X dilution.

Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

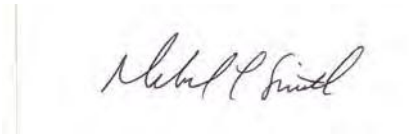
The mercury result for SIS18SS11 was reported from a 5X dilution because the first resu exceeded the highest calibration standard.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 7470A and Method 7471A, Mercury in aqueous and soil samples

New Boston Air Force Station
76561

Table I – Methods 7470A and 7471A Mercury
Recommendation Summary

Sample ID	Matrix	Qualifier
SIS18SD5	Sediment	J^1, J^2
SIS18SD8 FD 1	Sediment	J^1
SIS18SD8 DUP FD 1	Sediment	J^1
SIS18SD3	Sediment	J^1, J^2
SIS18SD6	Sediment	J^2
SIS18SD4	Sediment	J^1, J^2
SIS18SD7	Sediment	J^1, J^2
SIS18SD9	Sediment	J^1, J^2
SIS18SD10	Sediment	J^1, J^2
SIS18SS13	Soil	J^2
SIS18SS11	Soil	J^2
SIS18SS12	Soil	J^2
SIS18SS9 FD2	Soil	J^2
SIS18SS9 DUP FD2	Soil	J^2
SIS18SS10	Soil	J^2
RB2-AUGER EB	Aqueous	A

A Accept all data.

J^1 Using professional judgment, report the mercury result as estimated (J). The % total solids result is less than 30%.

J^2 Based upon field duplicate and laboratory duplicate precision the mercury result is qualified as estimated (J). Sample non-homogeneity is indicated.

KESTREL
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TECHNOLOGIES, INC.

February 15, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 11/23/2009 and 11/24/2009
Data package: 76561
22 Soil Samples and 2 Equipment Rinsate Blank Samples

Method 8082A Polychlorinated Biphenyls

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SIS18SD8	751326	SIS18SB9B	751356
SIS18SD9	751343	SIS18SB9C	751357
SIS18SD10	751346	SIS18SB9D	751358
SIS18SD10 DUP	751347	SIS18SB9C DUP	751359
SIS18SS13	751348	SIS18SB10B	751360
SIS18SS11	751349	SIS18SB10C	751361
SIS18SS12	751350	SIS18SB10D	751362
SIS18SS9	751351	SIS18SB11B	751363
SIS18SS9 DUP	751352	SIS18SB11C	751364
SIS18SS10	751353	SIS18SB11D	751365
SIS18SB4C	751354	RB2-AUGER EB	751366
SIS18SB4D	751355	RB4-SPOON EB	751367

FD - Field Duplicate Samples EB Equipment Rinsate Blank

Dear Mr. Malarek:

A data validation was performed on the polychlorinated Biphenyl (PCB) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories, Baraboo, WI, reported that the samples were prepared according to US EPA SW-846 Method 3545 (pressurized fluid extraction). The PCB extracts were cleaned up using US EPA SW-846 Methods 3360B and 3665A. Aqueous samples were extracted using US EPA SW-846 Method 3510 (separatory funnel). The PCBs were analyzed in accordance with US EPA SW-846 Method 8082.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)"*.

Data will be validated using a combination of the following criteria:

Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	X	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
X		Field Duplicate Sample Analysis
X		System Monitoring Compound Recovery
X		Dual Column Precision
X		Sample Quantitation Verification

Table I summarizes the recommendations that are based upon the following information:

Summary

The laboratory reported all QAPP specified PCBs.

PCB results are reported from the primary column (channel A) which is not necessarily the higher result.

All PCB results for SIS18SB4C are qualified as non-detected estimated (UJ). The DCBP surrogate recovery is 49%. Note that the DCBP surrogate recovery was within the laboratory acceptance criteria on the secondary column.

Polychlorinated biphenyls were analyzed using dual column confirmation analyses. Percent differences (RPD) that exceed 25% are summarized below.

Sample	PCB	Channel A	Channel B	% Diff
SIS18SS10	1254	93 ug/Kg	198 ug/Kg	113 %
SIS18SS11	1254	480 ug/Kg	676 ug/Kg	41 %
SIS18SS9DUP	1254	282 ug/Kg	441 ug/Kg	56 %

The Aroclor 1254 results for SIS18SS10, SIS18SS11 and SIS18SS9 DUP are qualified as estimated (J).

The laboratory reported all results from channel A.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J). Method blank results are reported to the LOD.

All positive results are reported at concentrations greater than the RLs.

The % solids for samples SIS18SD8, SIS18SD9 and SIS18SD10 were 21.9%, 25.2% and 16.6% respectively. The laboratory has reported all PCB results for these samples are reported as non-detected (U). All PCB results for these samples are qualified as non-detected estimated (UJ). Samples SIS18SD10 and SIS18SD10 DUP are a duplicate pair. The total solids for these samples are 16.6% and 31.7% respectively. Using professional judgment all PCB results for SIS18SD10 DUP are qualified as non-detected estimated (UJ). Sample homogeneity may be an issue.

The % solids for samples SIS18SS9 and SIS18SS9 DUP are 46.4% and 71.0% respectively. Sample non-homogeneity is indicated. Using professional judgment the aroclor 1254 results for SIS18SS9 and SIS18SS9 DUP are qualified as estimated (J) and all other aroclor results are qualified as non-detected estimated (UJ).

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples.

The sample condition report notes that custody seals were not present.

Communications between Shaw and the laboratory indicate that sample IDS for LAB IDs 751360, 751361, 751362 and 751359 should be SIS18SB10B, SIS18SB10C, SIS18SB10D and

SIS18SB9C DUP rather than the COC IDs SIS1010B, SIS1810C, SIS1810D and SIS18SB-9 Duplicate. The proper IDs were used by the laboratory.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperatures were 3.6^0 C and 2.2^0 C.

The Sample Condition Report notes that custody seals were not present.

The PCB extraction holding times of 14 days for soil samples, 7 days for aqueous samples and the 40 day analytical holding times, were met.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Initial Calibrations

Aroclors 1016 and 1260 were calibrated using a linear fit of 5 concentrations. The correlation coefficients were greater than 0.995. The laboratory also calibrated Aroclor 1254 using a linear fit of 6 concentrations to quantitate the Aroclor 1254 results. The correlation coefficient was greater than 0.995. The remaining Aroclors were identified/analyzed at a 1 point concentration.

No results are qualified based upon the initial calibration acceptance criteria.

Continuing Calibrations

All % Relative Differences for the initial calibration and continuing calibration standards, on both columns for both matrices, are less than 20%.

No results are qualified based upon the continuing calibration results.

Laboratory, Trip, and Field Blank Analyses

Three soil PCB method blanks are associated with this data package. One aqueous PCB method blank is associated with this data package. All soil method blank and aqueous method blank results are reported as non-detected (U).

RB2-Auger and RB4-Spoo4 are the equipment rinsate blank samples associated with these soil samples. Positive equipment blank results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
None		

No results are qualified based upon the method blank and equipment rinsate blankresults.

Matrix Spike/Matrix Spike Duplicate Results

Aqueous sample RB2-AUGER was analyzed as the MS/MSD pair. MS/MSD recoveries that exceed the laboratory acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
None					

Soil samples SIS18SD8 and SIS18SB9B were analyzed as the two MS/MSD pairs. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
None					

All soil and aqueous MS/MSD results are within the SOW acceptance criteria.

No results are qualified based upon MS/MSD results.

Laboratory Control Sample Results

The laboratory analyzed three Laboratory Control Sample (LCS) for the soil samples and one LCS for the aqueous samples. LCS recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery/RPD Acceptance	Action
None			

All soil and aqueous LCS results are within the QAPP acceptance criteria.

No results are qualified based upon LCS results.

Field Duplicates

Samples SIS18SD10/SIS18SD10 DUP, SIS18SS9/SIS18SS9 DUP and SIS18SB9C/SIS18SB9C DUP were three field duplicate pairs. Aroclor relative percent differences (RPDs) that exceed 50% are summarized below.

Compound	MS ug/Kg	MSD ug/Kg	% RPD
None			

NC-Not Calculated

All positive aroclor RPDs are less than 50%.

Using professional judgment all results for SIS18SD10 and SIS18SD10 DUP are qualified as non-detected estimated (UJ). The % total solids are 16.6% and 31.7%. Sample non-homogeneity is indicated.

Using professional judgment the aroclor 1254 results are qualifed as estimated (J) and all other results for SIS18SS9 and SIS18SS9 DUP are qualified as non-detected estimated (UJ). The % total solids are 46.4% and 71.0%. Sample non-homogeneity is indicated.

System Monitoring Compound Recovery

Soil and aqueous surrogate recoveries that exceed the SOW acceptance criteria are summarized below.

Sample ID	DCBP	DCBP
Acceptance Criteria	60-125% Soil	40-135% Aqueous
SIS18SB4C	49%	None

DCBP-Decachlorobiphenyl

The DOD QSM specifies DCBP as the only surrogate.

The laboratory reported the surrogate recovery from channel A, the primary column. The DCBP surrogate recovery was within the laboratory acceptance criteria for channel B. The laboratory re-extracted and re-analyzed the sample and the surrogate recovery for channel A was below the laboratory acceptance criteria.

All PCB results for SIS18SB4C are qualified as non-detected estimated (UJ).

Dual Column Precision

Polychlorinated biphenyls were analyzed using dual column confirmation analyses. Relative Percent differences that exceed 25% are summarized below.

Sample	PCB	Channel A	Channel B	% Diff
SIS18SS10	1254	93 ug/Kg	198 ug/Kg	113 %
SIS18SS11	1254	480 ug/Kg	676 ug/Kg	41 %
SIS18SS9DUP	1254	282 ug/Kg	441 ug/Kg	56 %

The Aroclor 1254 results for SIS18SS10, SIS18SS11 and SIS18SS9 DUP are qualified as estimated (J).

The laboratory reported the result from the primary column, not necessarily the lower result.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory RL and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the LOD. Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J). No Method of Detection (MDL) studies were present in the laboratory data package submittal.

Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

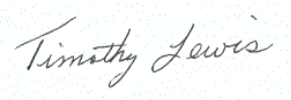
All positive results are reported at concentrations greater than the RLs.

The % solids for samples SIS18SD8, SIS18SD9 and SIS18SD10 were 21.9%, 25.2% and 16.6% respectively. The laboratory has reported all PCB results for these samples are reported as non-detected (U). All PCB results for these samples are qualified as non-detected estimated (UJ). Samples SIS18SD10 and SIS18SD10 DUP are a duplicate pair. The total solids for these samples are 16.6% and 31.7% respectively. Using professional judgment all PCB results for SIS18SD10 DUP are qualified as non-detected estimated (UJ). Sample non-homogeneity is indicated.

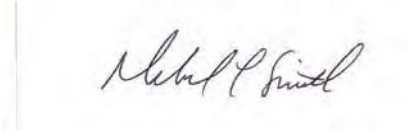
The % solids for samples SIS18SS9 and SIS18SS9 DUP are 46.4% and 71.0% respectively. Sample non-homogeneity is indicated. Using professional judgment the aroclor 1254 results for SIS18SS9 and SIS18SS9 DUP are qualified as estimated (J) and all other aroclor results are qualified as non-detected estimated (UJ).

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8082 PCBs

New Boston Air Force Station
76561

Table I - Method 8082A Polychlorinated Biphenyls
Recommendation Summary

Sample ID	Matrix	Qualifier
SIS18SD8	Soil	J[5]
SIS18SD9	Soil	J[5]
SIS18SD10	Soil	J[1], J[5]
SIS18SD10 DUP	Soil	J[1]
SIS18SS13	Soil	A
SIS18SS11	Soil	J[2]
SIS18SS12	Soil	A
SIS18SS9	Soil	J[3]
SIS18SS9 DUP	Soil	J[2], J[3]
SIS18SS10	Soil	J[2]
SIS18SB4C	Soil	J[4]
SIS18SB4D	Soil	A
SIS18SB9B	Soil	A
SIS18SB9C	Soil	A
SIS18SB9D	Soil	A
SIS18SB 9C DUP	Soil	A
SIS18SB10B	Soil	A
SIS18SB10C	Soil	A
SIS18SB10D	Soil	A
SIS18SB11B	Soil	A
SIS18SB11C	Soil	A
SIS18SB11D	Soil	A
RB2-AUGER EB	Aqueous	A
RB4-SPOON EB	Aqueous	A

A Accept all data.

J[1] Using professional judgment, report all aroclor results as non-detected estimated (UJ). The samples are part of a field duplicate pair. The total solids are 16.6% and 31.7%. Sample non-homogeneity is indicated.

J[2] The aroclor 1254 result is qualified as estimated (J). The dual column % difference is greater than 40%.

J[3] Using professional judgment, report all non-detected aroclor results as non-detected estimated (UJ) and all positive results as estimated (J). The samples are part of a field duplicate pair. The total solids are 46.4% and 71.0%. Sample non-homogeneity is possible.

J[4] Report all results as non-detected estimated (UJ). The surrogate recovery is below the laboratory acceptance criteria. False non-detects are possible.

J[5] Report all results as non-detected estimated (UJ). The total solids are between 10% and 30%.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

February 11, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 11/24/2009
Data package: 76561
2 Aqueous Samples

Semi-Volatile Organic Analysis 8270C

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
RB2-AUGER	751366	RB4-SPOON	751367

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the Semi-Volatile Organic Analysis (SVOC) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories, Baraboo, WI reported that the samples were prepared according to US EPA SW-846 Method 3510 (separatory funnel extraction) and analyzed according to US EPA SW-846 Method 8270C.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
	X	Continuing Calibration
X		Blank Analyses
	X	Matrix and Matrix Spike Duplicate Recoveries
X		Laboratory Control Samples (Blank Spike)
	NA	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Internal Standards
X		Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The bis(2-ethylhexyl)phthalate, diethylphthalate and di-n-butylphthalte results for RB4-SPOON are qualified as non-detected (U) at the laboratory's reporting limit. Random method blank contamination is indicated.

The diethylphthalate and di-n-butylphthalte results for RB2-Auger are qualified as non-detected (U) at the laboratory's reporting limit and the bis(2-ethylhexyl)phthalate result is qualified as non-detected (U) at the reported concentration. Random method blank contamination is indicated.

The benzoic acid, 2,4-dinitrophenol and 4-nitrophenol results for RB2-AUGER are qualified as rejected (R). The LCS recoveries for these compounds are 0%.
The 2,4,6-trichlorophenol, 4,6-dinitro-2-methylphenol and pentachlorophenol results for RB2-AUGER are qualified as non-detected estimated (UJ). The LCS recoveries are below the laboratory acceptance criteria. Low biases are indicated. False non-detects are possible.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the RL are qualified estimated (J).

The phenol and naphthalene results for RB2-AUGER are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The dimethylphthalate, phenol and naphthalene results for RB4-SPOON are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples.

The sample condition report notes that custody seals were not present.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperatures were 2.2^0 C and 3.6^0 C.

The Sample Condition Report notes that custody seals were not present.

Samples were collected on 11/24/2009. The SVOC aqueous extraction holding time is 7 days and the analytical holding time is 40 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

All minimum relative response factor (RRF) criteria for system performance check compounds and percent relative standard deviation (%RSD) for calibration check compounds were met. All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

All breakdown check acceptance criteria and tailing factor acceptance criteria were met.

No results are qualified based upon the initial calibrations. A number of compounds were calibrated using linear or quadratic equations. All QAPP acceptance criteria were met.

Continuing Calibrations

All minimum RRF criteria for SPCC compounds were met. The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

All breakdown check acceptance criteria and tailing factor acceptance criteria were met.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
12/01/2009	None			Method Blank, LCS, RB-2AUGER, RB4-SPOON, RB4-SPOON MS, RB4-SPOON MSD, Method Blank RE, LCS RE, RB4-SPOON MSD RE
12:01				

No results are qualified based upon the continuing calibration results.

Laboratory, Trip, and Field Blank Analyses

One preparation batch method blank was analyzed. Positive results are summarized below.

Compound	Batch Run	Conc ug/L	Blank Action Conc ug/L
Bis (2-ethylhexyl)phthalate	63319	0.681	6.81
Diethylphthalate	63319	0.225	2.25
Di-n-butylphthalate	63319	0.890	8.90

The bis(2-ethylhexyl)phthalate, diethylphthalate and di-n-butylphthalte results for RB4-SPOON are qualified as non-detected (U) at the laboratory's reporting limit. Random method blank contamination is indicated.

The diethylphthalate and di-n-butylphthalte results for RB2-Auger are qualified as non-detected (U) at the laboratory's reporting limit and the bis(2-ethylhexyl)phthalate result is qualified as non-detected (U) at the reported concentration. Random method blank contamination is indicated.

Matrix Spike/Matrix Spike Duplicate Results

Aqueous sample RB4-SPOON was analyzed as the MS/MSD pair. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below. The QAPP did not list aqueous MS/MSD acceptance criteria. Laboratory acceptance criteria were used. Results that exceed the acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
3,3'-Dichlorobenzidine	110	122	20-110/30	9	None

The 3,3'-dichlorobenzidine result for RB4-SPOON is reported as non-detected (U). No results are qualified based upon the high biased recovery.

Laboratory Control Sample Results

The laboratory analyzed one Laboratory Control Sample (LCS) for the aqueous sample preparation batch. All target analytes were reported. The QAPP did not list aqueous LCS acceptance criteria. Laboratory acceptance criteria were used. Results that exceed the acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery Acceptance	Action
2,4,6-Trichlorophenol	38	50-115	UJ
2,4-Dinitrophenol	0	15-140	R
4,6-Dinitro-2-methylphenol	16	40-130	UJ
3,3'-dichlorobenzidine	162	20-110	None
4-Nitrophenol	0	1-125	R
Benzoic Acid	0	0-125	R
Pentachlorophenol	29	40-115	UJ

The LCS applies only to sample RB2-AUGER. Sample RB4-SPOON was analyzed as a MS/MSD pair.

The 3,3'-dichlorobenzidine result for RB2-AUGER is reported as non-detected (U). No results are qualified based upon the high biased recovery.

The benzoic acid, 2,4-dinitrophenol and 4-nitrophenol results for RB2-AUGER are qualified as rejected (R).

The 2,4,6-trichlorophenol, 4,6-dinitro-2-methylphenol and pentachlorophenol results for RB2-AUGER are qualified as non-detected estimated (UJ). Low biases are indicated. False non-detects are possible.

The laboratory re-analyzed the LCS extract and the low recoveries were confirmed.

Field Duplicates

No field duplicate pairs were submitted in this data package.

System Monitoring Compound Recovery

Aqueous surrogate recoveries that exceed the QAPP (laboratory) acceptance criteria are summarized below.

Sample ID	2,4,6-TBP	2-FBP	2-FPH	NB-d5	PH-d5	TPH-d14
Acceptance Criteria	**40-125%**	**50-110**	**20-110%**	**40-110**	**10-115**	**50-135**
None						

2,4,6-TBP - 2,4,6-Tribromophenol
2-FBP - 2Fluorobiphenyl
2-FPH - 2-Fluorophenol
NB-d5 - Nitrobenzene-d5
PH-d5 - Phenol-d5
TPH-d14- Terphenyl-d14

No results are qualified based upon surrogate recoveries.

Internal Standards

The laboratory reported 1,4-dichlorobenzene-d4 (DCB), naphthalene-d8 (NPT), acenaphthene-d10 (ANT), phenanthrene-d10 (PHN), chrysene-d12 (CRY) and perylene-d12 (PRY) as the internal standards. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	DCB	NPT	ANT
Acceptance Criteria			
None			
Sample ID	**PHN**	**CRY**	**PRY**
Acceptance Criteria			
None			

All internal standard recoveries are within the method acceptance criteria.

No SVOC results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory reporting limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the RL and the LOD are qualified estimated (J). No MDL studies were present in the laboratory data package submittal.

The phenol and naphthalene results for RB2-AUGER are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

The dimethylphthalate, phenol and naphthalene results for RB4-SPOON are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

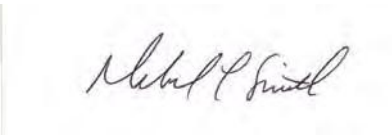
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8270C Semi-Volatile Organic Analysis

New Boston Air Force Station
76561

Table I - Method 8270C Semi-Volatile Organic Analysis
Recommendation Summary

Sample ID	Matrix	Qualifier
RB2-AUGER	Aqueous	A^1, A^2, A^4, R^1, J^1, J^2
RB4-SPOON	Aqueous	A^1, A^2, A^3, J^3

A Accept all data.

A^1 Report the diethlyphthalate result as non-detected (U) at the RL. The reported result is less than the blank action concentration and the RL. Method blank contamination is indicated.

A^2 Report the di-n-butylphthalate result as non-detected (U) at the RL. The reported result is less than the blank action concentration and the RL. Method blank contamination is indicated.

A^3 Report the bis(2-ethylhexyl)phthalte result as non-detected (U) at the RL. The reported result is less than the blank action concentration and the RL. Method blank contamination is indicated.

A^4 Report the bis(2-ethylhexyl)phthalte result as non-detected (U) at the reported concentration. The reported result is less than the blank action concentration and greater than the RL. Method blank contamination is indicated.

R^1 Report the 2,4-dinitrophenol, 4-nitrophenol and benzoic acid results as rejected (R). The LCS recoveries for these compounds are 0%.

J^1 The 2,4,6-trichlorophenol, 4,6-dinitro-2-methylphenol and pentachlorophenol results are qualified as non-estimated (UJ). The LCS recovery is below the laboratory's acceptance criteria. False non-detects are possible.

J^2 The naphthalene and phenol results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

J^3 The dimethylphthalate, naphthalene and phenol results are qualified as estimated (J). The results are between the laboratory's limit of detection (LOD) and reporting limit (RL).

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

February 17, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 11/23/2009 and 11/24/2009
Data package: 76561
4 Sediment Samples

Total Organic Carbon

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SIS18SD8	751326	SIS18SD9 DUP	751344
SIS18SD9	751343	SIS18SD10	751346

FD - Field Duplicate Samples EB Equipment Rinsate Blank

Dear Mr. Malarek:

A data validation was performed on the aqueous and soil/sediment analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories, Baraboo, WI, reported that the sediment samples were prepared according to the Lloyd Kahn Total Organic Carbon (TOC) Analysis.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)"*.

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*
>
> US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	NA	Matrix Spike Recoveries
	X	Laboratory Duplicate Sample Analysis
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
	X	Sample Quantitation Verification

Table I summarizes the recommendations that are based upon the following information:

Summary

All TOC results are reported without qualification.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J).

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples.

The sample condition report notes that custody seals were not present.

Communications between Shaw and the laboratory indicate that sample IDS for LAB IDs 751360, 751361, 751362 and 751359 should be SIS18SB10B, SIS18SB10C, SIS18SB10D and

SIS18SB9C DUP rather than the COC IDs SIS1010B, SIS1810C, SIS1810D and SIS18SB-9 Duplicate. The proper IDs were used by the laboratory.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperatures were 3.6^0 C and 2.2^0 C.

The Sample Condition Report notes that custody seals were not present.

Samples were prepared and analyzed within the analytical holding times.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Initial Calibrations

All initial calibrations met for the method acceptance criteria. The linear correlation coefficient is 1.000. The four point calibration ranges from 0.0 to 59.0 mg carbon.

No results are qualified based upon the initial calibration verification (ICV) acceptance criteria, 90-110%. The ICV recovery is 107%.

Continuing Calibrations

All continuing calibration recoveries are between 90-110%.

No results are qualified based upon the continuing calibration results.

Laboratory, Trip, and Field Blank Analyses

One soil method blank is associated with this data package. The method blank result is reported as non-detected (U).

All initial and continuing calibration blank results are reported as non-detected (U).

No results are qualified based upon the method blank and instrument calibration blank results.

Matrix Spike Results

No MS sample was analyzed.

Laboratory Duplicates

The laboratory analyzed sample SIS18SD8 in quadruplicate. The % standard deviation for the quadruplicate analyses is 12.9%.

No results are qualified based upon the laboratory duplicate precision.

Laboratory Control Sample Results

The laboratory analyzed one Laboratory Control Sample (LCS). The LCS % recovery is 101%.

No results are qualified based upon LCS results.

Field Duplicates

Soil samples SIS18SD9 and SS18SD9 DUP are a field duplicate pair. The total solids are 25.2% and 30.7% respectively. The TOC results are 180000 mg/Kg and 170000 mg/Kg respectively.

No results are qualified based upon field duplicate precision.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J). Method blank results are reported to the LOD.

All results exceed the RL.

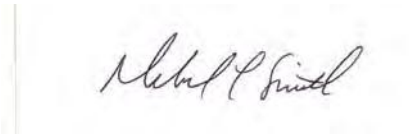
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method Lloyd Kahn Total Organic Carbon

New Boston Air Force Station
76561

Table I – Total Organic Carbon
Recommendation Summary

Sample ID	Matrix	Qualifier
SIS18SD8	Sediment	A
SIS18SD9	Sediment	A
SIS18SD9 DUP	Sediment	A
SIS18SD10	Sediment	A

A Accept all data.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

February 12, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 12/14/2009
Data package: 76561
2 Aqueous Samples

Volatile Organic Analysis 8260B

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
RB2-AUGER	751366	RB4-SPOON	751367

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the Volatile Organic Analysis (VOA) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, reported that the samples were prepared and analyzed according to US EPA SW-846 Method 8260B.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
	X	Continuing Calibration
X		Blank Analyses
	NA	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	NA	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Internal Standards
X		Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

Ethyl ether and MtBE were not reported in the original data package. The laboratory was asked to provide this information on 02/12/2010. The corrected report was received on 02/16.2010. The laboratory reported all QAPP specified VOAs.

Insufficient sample volume was provided for MS/MSD analyses. The laboratory did report LCS results. Laboratory precision could not be evaluated.

The laboratory analyzed 1,3,5-trichlorobenzene, tert-amyl methyl ether alcohol and tert-butyl ethyl ether using a 5 mL purge in analytical sequence 63309. The laboratory analyzed tert-butyl alcohol using a 5 mL purge in analytical sequence 63476. All other compounds were analyzed using a 25mL purge in analytical sequence 63310.

Based upon method blank results, the chloromethane results for RB2-AUGER and RB4-SPOON are qualified as non-detected (U) at the reported concentration. Reported results are below the blank action concentration.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J).

All positive results are at concentrations greater than the RL.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples.

The sample condition report notes that custody seals were not present.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 3.1^0 C. The COC notes that samples were not filtered.

The Sample Condition Report does note the absence of custody seals. Samples were received in good condition, properly preserved without head space.

Samples were collected on 12/07/2009 and 12/08/2009. The VOA analytical holding time is 14 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

The laboratory analyzed one initial calibration curve for 1,3,5-trichlorobenzene, tert-amyl methyl ether, ethyl ether and tert-butyl ethyl ether on instrument VMS-1(Run # 63009). The laboratory reported the results for only these four compounds. The mean relative response factors are greater than 0.050 and the % Relative Standard Deviations (RSD) are less than 15%. No results are qualified based upon the initial calibration results.

The initial calibration mean RRF for tert-butyl alcohol is 0.020. The lowest calibration standard is 20ug/L and the laboratory RL is 20 ug/L. The continuing calibration and LCS tert-butyl alcohol standard concentration are 200 ug/L and the results are within 20% of the true results.

The laboratory analyzed one initial calibration curve for the remaining compounds on instrument VMS-1 (Run # 63310). All minimum relative response factor (RRF) criteria for system performance check compounds and percent relative standard deviation (%RSD) for calibration check compounds were met. All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were not met.

The mean Relative Response Factor (RRF) for tetrahydrofuran is less than 0.050 at 0.017. The lowest calibration standard is 2.00 ug/L and the RL is 4.6 ug/L. Using professional judgment, no tetrahydrofuran results are qualified based upon the mean RRF. The LCS and CCV acceptance criteria were met. The initial calibration RSD is 7.3%.

The mean Relative Response Factor (RRF) for acetone is less than 0.050 at 0.028. Acetone was calibrated from a linear regression. The linear correlation coefficient is 0.996. The lowest calibration standard is 4.0 ug/L and the LOD and RL are 1.5 ug/L and 5.2 ug/L respectively. Using professional judgment, no acetone results are qualified based upon the initial calibration.

The mean Relative Response Factor (RRF) for 2-butanone is less than 0.050 at 0.027. The lowest calibration standard is 2.00 ug/L and the RL is 2.0 ug/L. Using professional judgment, no 2-butanone results are qualified based upon the mean RRF. The LCS and CCV acceptance criteria were met. The initial calibration RSD is 13.0%.

Continuing Calibrations

Compounds 1,3,5-trichlorobenzene, ethyl ether, tert-amyl methyl ether and tert-butyl ethyl ether were reported from the instrument VMS-1 (Run # 63309). The laboratory reported only these 4 compounds. The average RRFs are greater than 0.050 and the % deviations are less than 20%. The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
12/02/2009	None			LCS, Method Blank, RB2-AUGER, RB4-SPOON
09:18				

No results are qualified based upon the continuing calibration verification standard result.

All minimum RRF criteria for SPCC compounds were met for analyses on instrument VMS-1 (Run # 63310). The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%. Acetone, methylene chloride and 1,2,3-trichloropropane, were calibrated using non-linear regressions.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
12/07/2009	Acetone	11.2	0.021	LCS, Method Blank, RB2-AUGER, RB4-SPOON, RB2-AUGER RE, RB4-SPOON RE
10:37	Tetrahydrofuran	1.6	0.017	

No acetone and tetrahydrofuran results are qualified based upon the continuing calibration verification results.

All minimum RRF criteria for SPCC and % RSDs for CCC compounds criteria were not met for analyses on instrument VMS-1 (Run # 63746). Only tert-butyl alcohol was reported from this analytical sequence. The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
12/08/2009	Tert-Butyl Alcohol	-10.3	0.019	LCS, Method Blank, RB2-AUGER, RB4-SPOON,
12:37				

The tert-butyl alcohol continuing calibration verification (CCV) standard concentration is 200 ug/L and the laboratory reported concentration is 221 ug/L. Tert-butyl alcohol results are reported without qualification based upon CCV results.

Laboratory, Trip, and Field Blank Analyses

Positive VOA method blank results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
Chloromethane	0.591	2.96

The chloromethane results for RB2-AUGER and RB4-SPOON are qualified as non-detected (U) at the reported concentration. Reported results are below the blank action concentration.

Matrix Spike/Matrix Spike Duplicate Results

The laboratory narrative noted that insufficient sample was provided for MS/MSD analyses.

Laboratory Control Sample Results

The laboratory analyzed three Laboratory Control Samples (LCS) for the aqueous samples. All target analytes were reported. LCS recoveries that exceed the QAPP acceptance criteria are summarized below. The laboratory did not analyze a Laboratory Control Sample Duplicate.

Compound	LCS% Rec	Recovery Acceptance	Action
None			

No results are qualified based upon the LCS results.

Field Duplicates

No field duplicate samples were submitted in data package 76561.

System Monitoring Compound Recovery

Aqueous surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,2-Dichloroethane-d4	BFB	Toluene-d8	DBFM
Acceptance Criteria	**70-120%**	**75-120%**	**85-120%**	**85-115%**
RB4-SPOON	96	96	103	**119**

BFB-Bromofluorobenzene DBFM-Dibromofluoromethane

This sample is associated with analytical run 63309. All results are reported as non-detected (U) and no results are qualified based upon the high biased recovery.

Internal Standards

The laboratory reported fluorobenzene (FLB), chlorobenzene-d5 (CBZ) and 1,4-dichlorobenzene–d4 as the internal standards. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	FLB	CBZ	DCB
Acceptance Criteria			
None			

No VOA results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

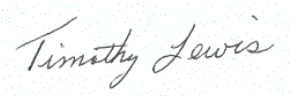
Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J).

All positive results are at concentrations greater than the RL.

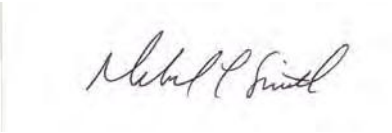
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8260B Volatile Organic Analysis

New Boston Air Force Station
76756

Table I - Method 8260B Volatile Organic Analysis
Recommendation Summary

Sample ID	Matrix	Qualifier
RB2-AUGER	Aqueous	A[1]
RB4-SPOON	Aqueous	A[1]

A Accept all data.

A[1] Accept the chloromethane result as non-detected (U) at the reported concentration. Method blank contamination is indicated.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

February 12, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 11/24/2009
Data package: 76561 Accutest #: M87701
2 Aqueous Samples

1,4-Dioxane Analysis 8260B SIM

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
RB-2 Auger	M87701-1	RB-4 SPOON	M87701-2

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the 1,4-dioxane analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, subcontracted the analyses to Accutest Laboratories, Marlborough, MA. The samples were analyzed by US EPA Method 8260B using selective ion monitoring (SIM).

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)"*.

Data will be validated using a combination of the following criteria:

Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
X		Continuing Calibration
	X	Blank Analyses
	NA	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Internal Standards
	X	Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The 1,4-dioxane results for RB-2 Auger and RB-4 SPOON are qualified as non-detected estimated (UJ). Low biased results are indicated. False non-detects are possible.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample volume and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the RL are qualified estimated (J).

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples. The laboratory provided three VOA vials for each sample.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 1.8^0 C. Sample pHs were less than 2 and headspace was not present.

The Sample Receipt Summary notes that custody seals were present and intact.

Samples were collected on 11/24/2009. The VOA analytical holding time is 14 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

No results are qualified based upon the initial calibrations.

Continuing Calibrations

The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% D	RRF	Samples Affected
12/07/09	None	18.2	0.009	RB-2 Auger, RB-4 SPOON
21:10				

The reported 1,4-dioxane concentration for the continuing calibration standard is 7.7 ug/L for the 10 ug/L standard.

The 1,4-dioxane results for RB-2 Augor and RB-4 SPOON are qualified as non-detected estimated (UJ). Low biased results are indicated. False non-detects are possible.

Laboratory, Trip, and Field Blank Analyses

All 1,4-dioxane method blank results were reported as non-detected (U).

These samples are equipment rinsate blank samples that are applicable to the soil samples.

No results are qualified based upon the blank results.

Matrix Spike/Matrix Spike Duplicate Results

The analyzed MS/MSD pair was not from the New Boston site. Results are not applicable.

Blank Spike Results

The laboratory analyzed a Blank Spike/Blank Spike Duplicate pair (BS AKA LCS/LCSD) for the aqueous samples. Blank Spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS % Rec	LCSD % Rec	Recovery/RPD Acceptance	Action
None			60-140%/30%	

No results are qualified based upon the blank spike/blank spike duplicate results.

Field Duplicates

No field duplicate samples were submitted in data package 76561.

System Monitoring Compound Recovery

Aqueous surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,4-Dioxane-d8
Acceptance Criteria	60-140%

No results are qualified based upon the surrogate recoveries.

Internal Standards

The laboratory reported 4-Bromofluorobenzene (BFB) as the internal standard. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	4-BFB
Acceptance Criteria	
None	

No VOA results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory RL and adjusted for sample volume and dilution factors. Positive results may be reported to the LOD. Positive results between the LOD and the Reporting Limit (RL) are qualified estimated (J).

No method detection limit (MDL) studies were present in the laboratory data package submittal.

The laboratory reported all results as non-detected (U).

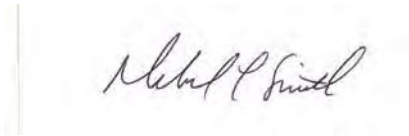
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 1,4-Dioxane 8260B SIM

New Boston Air Force Station
M87701

Table I - Method 1,4-Dioxane by 8260B SIM
Recommendation Summary

Sample ID	Matrix	Qualifier
RB-2 Auger	Aqueous	J[1]
RB-4 SPOON	Aqueous	J[1]

A Accept all data.

J[1] The 1,4-dioxane result is qualified as non-detected estimated (UJ). The continuing calibration verification standard result is biased low. False non-detects are possible.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

January 29, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 12/07/2009 and 12/08/2009
Data package: 76756
13 Aqueous Samples

EDB DBCP Analysis Method 8011

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SS009-MW3	754660	DUP 2 FD 2	754735
SS009-MW1	754729	SIS18-MW1	754736
SIS08-MW1	754730	SIS18-MW5	754737
SIS18-MW4	754731	SIS18-MW3	754738
SS008-MW3 FD 2	754732	LF003-MW1	754740
DUP 1 FD 1	754733	SS008-MW4	754741
LF003-MW2 FD 1	754734		

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the 1,2-dibromoethane (EDB) and 1,2-dibromo-3-chloropropane (DBCP) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, analyzed the samples using US EPA Method 8011.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*
>
> US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	NA	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Dual Column Precision
	X	Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The laboratory narrative noted that insufficient sample was available for TRIP BLANK analysis.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample volume and dilution factors. Positive results may be reported to the Limit of Detection LOD. Positive results between the LOD and the RL are qualified estimated (J).

The laboratory reported all results as non-detected (U). All samples were extracted beyond the SOW 7 day holding time. Note that the laboratory holding time for Method 8011 is 14 days. US EPA Method 504.1 EDB DBCP states that the holding time is 14 days. Using professional judgment no results are qualified.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples except Trip Blank. The laboratory provided three VOA vials for each sample. There was insufficient sample volume to complete MS/MSD analyses.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 3.1^0 C. The COC notes that samples were not filtered.

The Sample Condition Report does note the absence of custody seals. Samples were received in good condition, properly preserved and without head space.

Samples were collected on 12/07/2009 and 12/08/2009. The EDB DBCP analytical extraction holding time as stated in the SOW (page 10) is 7 days. The samples were extracted beyond the SOW holding time. The laboratory reported all results as non-detected (U). All samples were extracted beyond the SOW 7 day holding time. Note that the laboratory holding time for Method 8011 is 14 days. US EPA Method 504.1 EDB DBCP states that the holding time is 14 days. Using professional judgment no results are qualified.

Initial Calibrations

All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

Analytes were calibrated from 6 point linear regressions for both columns. All correlation coefficients are greater the 0.995.

No results are qualified based upon the initial calibrations.

Continuing Calibrations

The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% D	RRF	Samples Affected
12/17/2009	None			
11:55				
12/17/2009	None			

14:30				
12/17/2009	None			
15:49				

All continuing calibration acceptance criteria were met. No results are qualified.

Laboratory, Trip, and Field Blank Analyses

All method blank results were reported as non-detected (U).

A rinsate blank and trip blank sample were submitted in data package 76787. All EDB DBCP rinsate blank and trip blank results are reported as non-detected (U).

No results are qualified based upon the blank results.

Matrix Spike/Matrix Spike Duplicate Results

The laboratory narrative noted that insufficient sample was provided for MS/MSD analyses.

Blank Spike Results

The laboratory analyzed one Blank Spike (BS AKA LCS) for the soil sample. Blank Spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery/RPD Acceptance	Action
None		60-140	

No results are qualified based upon the blank spike results.

Field Duplicates

Samples LF003-MW2/DUP 1 and SS008-MW3/DUP 2 are two field duplicate pairs. These results are reported as non-detected (U).

No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Aqueous surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,2-Dibromopropane
Acceptance Criteria	70-130%
None	

All surrogate recoveries were within the laboratory's acceptance criteria.

Dual Column Precision

All results are reported as non-detected (U) on both columns.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample volume and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the Reporting Limit (RL) are qualified estimated (J).

No method detection limit (MDL) studies were present in the laboratory data package submittal.

The laboratory has reported all results as non-detected (U).

Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.

Timothy Lewis

Timothy Lewis
Evaluator

Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8011 EDB DBCP Organic Analysis

New Boston Air Force Station
76756

Table I – EDB DBCP Method 8011
Recommendation Summary

Sample ID	Matrix	Qualifier
SS009-MW3	Aqueous	A
SS009-MW1	Aqueous	A
SIS08-MW1	Aqueous	A
SIS18-MW4	Aqueous	A
SS008-MW3 FD 2	Aqueous	A
DUP 1 FD 1	Aqueous	A
LF003-MW2 FD 2	Aqueous	A
DUP 2 FD 2	Aqueous	A
SIS18-MW1	Aqueous	A
SIS18-MW5	Aqueous	A
SIS18-MW3	Aqueous	A
LF003-MW1	Aqueous	A
SS008-MW4	Aqueous	A

A Accept all data.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

February 05, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 12/07/2009 and 12/08/2009
Data package: 76756
13 Aqueous Samples and 1 Trip Blank

Volatile Organic Analysis 8260B

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SS009-MW3	754660	DUP 2 FD 2	754735
SS009-MW1	754729	SIS18-MW1	754736
SIS08-MW1	754730	SIS18-MW5	754737
SIS18-MW4	754731	SIS18-MW3	754738
SS008-MW3 FD 2	754732	TRIP BLANK	754739
DUP 1 FD 1	754733	LF003-MW1	754740
LF003-MW2 FD 1	754734	SS008-MW4	754741

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the Volatile Organic Analysis (VOA) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, reported that the samples were prepared and analyzed according to US EPA SW-846 Method 8260B.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)"*.

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
X		Initial Calibration
X		Continuing Calibration
X		Blank Analyses
	NA	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
X		System Monitoring Compound Recovery
	X	Internal Standards
X		Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The laboratory reported all QAPP specified VOAs.

Insufficient sample volume was provided for MS/MSD analyses. The laboratory did report LCS results. Laboratory precision could not be evaluated.

The laboratory analyzed 1,3,5-trichlorobenzene, ethyl ether, tert-amyl methyl ether, tert-butyl alcohol and tert-butyl ethyl ether using a 5 mL purge in analytical sequence 63554. All other compounds were analyzed using a 25mL purge in analytical sequence 63561.

All acetone results are qualified as rejected (R). The initial calibration verification standard result and the re-run of the initial calibration verification standard were below the DOD QSM acceptance criteria. The mean Relative Response Factor (RRF) was 0.030, and ranged between 0.070 and 0.011. The ability of the laboratory to report acetone results to the RL (5.2 ug/L) is questionable.

All bromoform results are qualified as non-detected estimated (UJ). The mean Relative Response Factor (RRF) is 0.076, less than the required 0.100 mean RRF. The laboratory used an alternative calibration procedure and the linear regression coefficient was less than 0.995. The initial calibration verification (ICV) results and the continuing calibration results (CCV) are within 20% of the true value. The ICV and CCV RRFs are below 0.100.

All 1,1,2,2-tetrachloroethane results are qualified as non-detected estimated (UJ). The mean Relative Response Factor (RRF) is 0.293, less than the required 0.300 mean RRF. The ICV results and one CCV result are within 20% of the true value. The remaining CCV indicates a possible high bias.

All non-detected methylene chloride results are qualified as non-detected estimated (UJ) and the positive methylene chloride result for LF003-MW1 is qualified as estimated (J). The CCV results indicate low biases. False non-detects are possible.

Based upon method blank results, the chloromethane results for SS009-MW3, SIS08-MW1, SIS18-MW4, SS008-MW3, LF003-MW2, SIS18-MW5, SIS18-MW3 and TRIP BLANK are qualified as non-detected (U) at the reported concentration. Reported results are below the blank action concentration. Ultimately the chloromethane results for SIS08-MW1, SIS18-MW4 and SS008-MW3 are qualified as non-detected (UJ) estimated at the reported concentrations. One surrogate recovery is below the acceptance criteria.

Based upon TRIP BLANK results, the toluene results for SS009-MW3, SIS08-MW1, DUP 1, LF003-MW2, DUP 2, SIS18-MW1, SIS18-MW3 and SS008-MW4 are qualified as non-detected (U) at the reported concentration. Reported results are below the blank action concentration. Ultimately the toluene results for SIS080-MW1 and LF003-MW2 are qualified as non-detected estimated (UJ) at the reported concentrations. One or more surrogate recoveries are below the acceptance criteria.

Based upon the Equipment Rinsate Blank result, the methyl tert-butyl ether results for DUP 1 and LF003-MW2 are qualified as non-detected (U) at the reported concentrations. The results are less than the blank action concentration. Ultimately the MtBE result for LF003-MW2 is qualified as non-detected estimated (UJ) at the reported concentrations. One or more surrogate recovery is below the acceptance criteria.

All results from the 63561 analysis of SS009-MW1 are qualified as non-detected estimated (UJ). The DBFM surrogate recovery is biased low.
All results from the 63561 analysis of SIS18-MW4 are qualified as non-detected estimated (UJ). The DBFM surrogate recovery is biased low.

The m/p-xylene result for SIS08-MW1 is qualified as estimated (J) and all other results for the 63561 analysis are qualified as non-detected estimated (UJ). The DBFM surrogate recovery is biased low.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J).

- The tert-butyl alcohol result for LF003-MW2 is qualified as estimated (J).
- The p-isopropyltoluene result for LF003-MW1 is qualified as estimated (J).

Sample LF003-MW1 was diluted by 10X for the 63561 analytical run.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling dates and sampling times were recorded for all field samples except the Trip Blank sample. The laboratory provided three VOA vials for each sample. There was insufficient sample volume to complete MS/MSD analyses.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 3.1^0 C. The COC notes that samples were not filtered.

The Sample Condition Report does note the absence of custody seals. Samples were received in good condition, properly preserved without head space.

Samples were collected on 12/07/2009 and 12/08/2009. The VOA analytical holding time is 14 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

The laboratory analyzed one initial calibration curve for 1,3,5-trichlorobenzene, ethyl ether, tert-amyl methyl ether, tert-butyl alcohol and tert-butyl ethyl ether on instrument VMS-3 (Run #

63554). All minimum relative response factor (RRF) criteria for system performance check compounds and percent relative standard deviation (%RSD) for calibration check compounds were met. All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

The initial calibration mean RRF for tert-butyl alcohol is 0.017. The lowest calibration standard is 20ug/L and the laboratory RL is 20 ug/L. The continuing calibration and LCS tert-butyl alcohol standard concentration are 200 ug/L and the results are within 20% of the true results. The laboratory analyzed a LOD check standard at 3.0 ug/L and the reported concentration was 2.75 ug/L. Using professional judgment, the tert-butyl alcohol results are accepted without qualification.

The laboratory analyzed one initial calibration curve for the remaining compounds on instrument VMS-2 (Run # 63561). All minimum relative response factor (RRF) criteria for system performance check compounds and percent relative standard deviation (%RSD) for calibration check compounds were not met. All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were not met.

The mean Relative Response Factor (RRF) for bromoform is less than 0.100. The bromoform RRF for the initial calibration verification (ICV) and continuing calibration verifications (CCV) are less than 0.100. The laboratory determined the bromoform concentrations from linear regression and the regression coefficient is less than 0.995. The bromoform ICV and CCV results are within 20% of the true concentration. Using professional judgment all bromoform results are accepted as non-detected estimated (UJ).

The mean Relative Response Factor (RRF) for tetrahydrofuran is less than 0.050 at 0.023. The lowest calibration standard is 2.00 ug/L and the RL is 4.6 ug/L. Using professional judgment, no results are qualified based upon the mean RRF. The ICV and CCV acceptance criteria were met. The initial calibration RSD is 8.0%.

The mean Relative Response Factor (RRF) for 1,1,2,2-tetrachloroethane is less than 0.300 at 0.293. The laboratory did not use an alternative calibration method. Using professional judgment all 1,1,2,2-tetrachloroethane results are accepted as non-detected estimated (UJ).

The acetone LOD and RL are 1.5 ug/L and 5.2 ug/L respectively. The lowest initial calibration standard for acetone was 10 ug/L. The laboratory narrative noted that the acetone recovery for the initial calibration verification standard was below the acceptance criteria. The recovery was 73.5% for the 20 ug/L standard. The mean RRF for acetone was 0.030. The DOD QSM document states that “no samples may be run until calibration has been verified”. Corrective actions were not taken. The laboratory reported LOD and RL are questionable. All acetone results are qualified as rejected (R).

<u>Continuing Calibrations</u>

All minimum RRF criteria for SPCC compounds were met for the 1,3,5-trichlorobenzene, ethyl ether, tert-amyl methyl ether, tert-butyl alcohol and tert-butyl ethyl ether analyses on instrument VMS-3 (Run # 63554). The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
12/15/2009	None			
10:09				

No 1,3,5-trichlorobenzene, ethyl ether, tert-amyl methyl ether, tert-butyl alcohol and tert-butyl ethyl ether results are qualified based upon the continuing calibration results.

All minimum RRF criteria for SPCC compounds were not met for analyses on instrument VMS-1 (Run # 63561). The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%. Acetone, bromoform, methylene chloride and MtBE were calibrated using non-linear regressions.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
12/19/2009	Acetone	41.6	0.015	LCS 758197, Method Blank 758198, SS009-MW3, SS009-MW1, SIS08-MW1, SIS18-MW4, SS008-MW3, DUP 1, LF003-MW2, DUP 2, SIS18-MW1, SIS18-MW5, SS008-MW4
11:22	Bromoform	8.1	0.066	
	Tetrahydrofuran	13.0	0.020	
	Methylene Chloride	32.2	0.124	
	1,1,2,2-Tetrachloroethane	10.6	0.262	
12/19/2009	Acetone	57.5	0.014	TRIP BLANK. SIS18-MW3, LF003-MW1
22:23	Bromoform	1.2	0.073	
	Tetrahydrofuran	13.0	0.020	
	Methylene Chloride	42.6	0.113	
	1,1,2,2-Tetrachloroethane	-23.5	0.362	
	MtBE	-174	0.361	

Acetone results are discussed in the initial calibration section. All acetone results are qualified as rejected (R).

The bromoform results are discussed in the initial calibration section. All bromoform results are reported as non-detected estimated (UJ).

No tetrahydrofuran results are qualified based upon the continuing calibration verification results.

All 1,1,2,2-tetrachloroethane results are qualified as non-detected estimated (UJ). The mean Relative Response Factor (RRF) is 0.293, less than the method required 0.300 mean RRF. All 1,1,2,2-tetrachloroethane results are qualified as non-detected estimated (UJ).

All non-detected methylene chloride results are qualified as non-detected estimated (UJ) and the positive methylene chloride result for LF003-MW1 is qualified as estimated (J). The CCV results indicate low biases. False non-detects are possible.

No MtBE results are qualified. A high bias is indicated by the CCV result and all results are reported as non-detected.

Laboratory, Trip, and Field Blank Analyses

Positive VOA method blank results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
Chloromethane	0.97	4.85

The chloromethane results for SS009-MW3, SIS08-MW1, SIS18-MW4, SS008-MW3, LF003-MW2, SIS18-MW5, SIS18-MW3 and TRIP BLANK are qualified as non-detected (U) at the reported concentration. Reported results are below the blank action concentration.

Positive VOA TRIP BLANK results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
Toluene	0.50	2.50

The toluene results for SS009-MW3, SIS08-MW1, DUP 1, LF003-MW2, DUP 2, SIS18-MW1, SIS18-MW3 and SS008-MW4 are qualified as non-detected (U) at the reported concentration. Reported results are below the blank action concentration.

Equipment Rinsate Blank RB1-Pump was collected on 12/11/2009 and the results were reported in laboratory data package 76787. Equipment Rinsate Blank RB1-Pump results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
MtBE	4.0	20.0
Toluene	0.86	4.3

Neither MtBE nor toluene was detected in the method blanks or the trip blank that were analyzed in data package 76787. The MtBE result for DUP 1 and LF003-MW2 are qualified as non-

detected (U) at the reported concentration. The result is less than the blank action concentration. Equipment Rinsate Blank contamination is indicated.

Matrix Spike/Matrix Spike Duplicate Results

The laboratory narrative noted that insufficient sample was provided for MS/MSD analyses.

Laboratory Control Sample Results

The laboratory analyzed two Laboratory Control Samples (LCS) for the aqueous samples. All target analytes were reported. LCS recoveries that exceed the QAPP acceptance criteria are summarized below. The laboratory did not analyze a Laboratory Control Sample Duplicate.

Compound	LCS% Rec	Recovery Acceptance	Action
None			

No results are qualified based upon the LCS results.

Field Duplicates

Samples LF003-MW2/DUP 1 and SS008-MW3/DUP 2 are two aqueous field duplicate pairs. Field duplicate RPDs that exceed the 30% are summarized below.

Compound			% RPD
None			

NC-Not Calculated

No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Aqueous surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,2-Dichloroethane-d4	BFB	Toluene-d8	DBFM
Acceptance Criteria	**70-120%**	**75-120%**	**85-120%**	**85-115%**
SS009-MW1	89	92	87	**82**
SIS08-MW1	88	97	88	**82**

SIS18-MW4	90	93	93	**81**
LF003-MW2	88	92	**84**	**77**

BFB-Bromofluorobenzene DBFM-Dibromofluoromethane

All results from the 63561 analysis of SS009-MW1 are qualified as non-detected estimated (UJ).

All results from the 63561 analysis of SIS18-MW4 are qualified as non-detected estimated (UJ).

The m/p-xylene result for SIS08-MW1 is qualified as estimated (J) and all other results for the 63561 analysis are qualified as non-detected estimated (UJ).

The methyl tert-butyl ether result for LF003-MW2 is qualified as non-detected estimated (UJ) at the reported concentration and all other results for the 63561 analysis are qualified as non-detected estimated (UJ).

Insufficient sample was provided for re-analysis. Matrix problems could not be confirmed.

Internal Standards

The laboratory reported fluorobenzene (FLB), chlorobenzene-d5 (CBZ) and 1,4-dichlorobenzene–d4 as the internal standards. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	FLB	CBZ	DCB
Acceptance Criteria			
None			

No VOA results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and Reporting Limit (RL) are qualified estimated (J).

- The tert-butyl alcohol result for LF003-MW2 is qualified as estimated (J).
- The p-isopropyltoluene result for LF003-MW1 is qualified as estimated (J).

Sample LF003-MW1 was diluted by 10X for the 63561 analytical run.

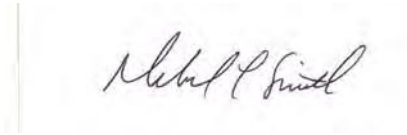
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8260B Volatile Organic Analysis

New Boston Air Force Station
76756

Table I - Method 8260B Volatile Organic Analysis
Recommendation Summary

Sample ID	Matrix	Qualifier
SS009-MW3	Aqueous	A^1, A^2, R^1, J^3, J^4, J^6
SS009-MW1	Aqueous	R^1, J^3, J^4, J^6, J^7
SIS08-MW1	Aqueous	R^1, J^1, J^2, J^3, J^4, J^6, J^8
SIS18-MW4	Aqueous	R^1, J^1, J^3, J^4, J^6, J^7
SS008-MW3 FD 2	Aqueous	A^1, R^1, J^3, J^4, J^6
DUP 1 FD 1	Aqueous	A^2, A^3, R^1, J^3, J^4, J^6
LF003-MW2 FD 1	Aqueous	R^1, J^1, J^2, J^3, J^4, J^6, J^9, J^{10}
DUP 2 FD 2	Aqueous	A^2, R^1, J^3, J^4, J^6
SIS18-MW1	Aqueous	R^1, A^2, J^3, J^4, J^6
SIS18-MW5	Aqueous	A^1, R^1, J^3, J^4, J^6
SIS18-MW3	Aqueous	A^1, A^2, R^1, J^3, J^4, J^6
TRIP BLANK	Aqueous	A^1, R^1, J^3, J^4, J^6
LF003-MW1	Aqueous	R^1, J^3, J^4, J^5, J^{11}
SS008-MW4	Aqueous	R^1, A^2, J^3, J^4, J^6

A Accept all data.

R^1 Reject (R) all acetone results. The initial and continuing calibration results indicate that the required reporting limit (RL) is not achievable.

A^1 Accept the chloromethane result as non-detected (U) at the reported concentration. Method blank contamination is indicated.

A^2 Accept the toluene result as non-detected (U) at the reported concentration. Trip blank contamination is indicated.

A^3 Accept the MtBE result as non-detected (U) at the reported concentration. Equipment Rinsate Blank contamination is indicated.

J^1 Accept the chloromethane result as non-detected estimated (UJ) at the reported concentration. Surrogate recoveries indicate possible low biased results. Surrogate recoveries are below acceptance criteria. Method blank contamination is indicated.

J^2 Accept the toluene result as non-detected estimated (UJ) at the reported concentration. Surrogate recoveries indicate possible low biased results. Surrogate recoveries are below acceptance criteria. Method blank contamination is indicated.

J[3] Accept the bromoform result as non-detected estimated (UJ). The mean RRF is below the method acceptance criteria.

J[4] Accept the 1,1,2,2-tetrachloroethane result as non-detected estimated (UJ). The mean RRF is below the method acceptance criteria.

J[5] Accept the methyl chloride result as estimated (J). The continuing calibration result indicates a low bias.

J[6] Accept the methyl chloride result as non-detected estimated (UJ). The continuing calibration result indicates a low bias. False non-detects are possible.

J[7] Accept all results as non-detected estimated (UJ). The DBFM surrogate recovery is below the acceptance criteria. Low biased results and false non-detects are possible.

J[8] Accept the m/p-xylene result as estimated (J) and all other results are reported as non-detected estimated (UJ). The DBFM surrogate recovery is below the acceptance criteria. Low biased results and false non-detects are possible.

J[9] Accept the methyl tert-butyl ether result as non-detected estimated (UJ) at the reported concentration and all other results are reported as non-detected estimated (UJ). The DBFM and toluene-d8 surrogate recoveries are below the acceptance criteria. Low biased results and false non-detects are possible.

J[10] Accept the tert-butyl alcohol result as estimated (J). The reported result is between the LOD and RL.

J[11] Accept the iso-propyl toluene result as estimated (J). The reported result is between the LOD and RL.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

January 30, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 12/07/2009 and 12/08/2009
Data package: 76756 Accutest #: M88001
13 Aqueous Samples

1,4-Dioxane Analysis 8260B SIM

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SS009-MW3	M88001-1	DUP 2 FD 2	M88001-8
SS009-MW1	M88001-2	SIS18-MW1	M88001-9
SIS08-MW1	M88001-3	SIS18-MW5	M88001-10
SIS18-MW4	M88001-4	SIS18-MW3	M88001-11
SS008-MW3 FD 2	M88001-5	LF003-MW1	M88001-12
DUP 1 FD 1	M88001-6	SS008-MW4	M88001-13
LF003-MW2 FD 2	M88001-7		

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the 1,4-dioxane analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, subcontracted the analyses to Accutest Laboratories, Marlborough, MA. The samples were analyzed by US EPA Method 8260B using selective ion monitoring (SIM).

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	NA	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Internal Standards
X		Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The laboratory narrative noted that insufficient sample was available for TRIP BLANK analysis.

The 1,4-dioxane result for SS008 MW4 is qualified as estimated (J). The sample chromatogram indicates retention time shifts and potential interferences. The laboratory noted that interferences are possible.

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample volume and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the RL are qualified estimated (J).

All positive results are at concentrations greater than RL.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples except Trip Blank. The laboratory provided three VOA vials for each sample. There was insufficient sample volume to complete MS/MSD analyses.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 1.6^0 C. Sample pHs were less than 2 and headspace was not present.

The Sample Receipt Summary notes that custody seals were present and intact.

Samples were collected on 12/07/2009 and 12/08/2009. The VOA analytical holding time is 14 days.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

No results are qualified based upon the initial calibrations.

Continuing Calibrations

The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% D	RRF	Samples Affected
12/11/09	None			
15:21				

All continuing calibration acceptance criteria were met. No results are qualified.

Laboratory, Trip, and Field Blank Analyses

All 1,4-dioxane method blank results were reported as non-detected (U).

A rinsate blank and trip blank sample were submitted in data package M88052. All 1,4-dioxane rinsate blank and trip blank results were reported as non-detected (U).

No results are qualified based upon the blank results.

Matrix Spike/Matrix Spike Duplicate Results

The laboratory narrative noted that insufficient sample was provided for MS/MSD analyses.

Blank Spike Results

The laboratory analyzed a Blank Spike/Blank Spike Duplicate pair (BS AKA LCS) for the aqueous samples. Blank Spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS % Rec	LCSD % Rec	Recovery/RPD Acceptance	Action
None			37-156%/29%	

No results are qualified based upon the blank spike/blank spike duplicate results.

Field Duplicates

Samples LF003-MW2/DUP 1 and SS08-MW3/DUP 2 are two field duplicate pairs. Results with relative percent differences (RPD) greater than 30%.

Compound			% RPD
None			

NC-Not Calculated

All results are reported as non-detected (U). No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Aqueous surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,4-Dioxane-d8
Acceptance Criteria	60-140%

No results are qualified based upon the surrogate recoveries.

Internal Standards

The laboratory reported 4-Bromofluorobenzene (BFB) as the internal standard. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	**4-BFB**
Acceptance Criteria	
None	

No VOA results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory RL and adjusted for sample volume and dilution factors. Positive results may be reported to the LOD. Positive results between the LOD and the RL are qualified estimated (J).

No method detection limit (MDL) studies were present in the laboratory data package submittal.

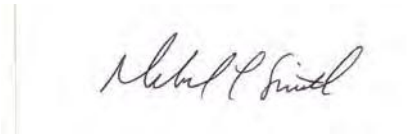
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.

Timothy Lewis

Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 1,4-Dioxane 8260B SIM

New Boston Air Force Station
M88001

Table I - Method 1,4-Dioxane by 8260B SIM
Recommendation Summary

Sample ID	Matrix	Qualifier
SS009-MW3	Aqueous	A
SS009-MW1	Aqueous	A
SIS08-MW1	Aqueous	A
SIS18-MW4	Aqueous	A
SS008-MW3 FD 2	Aqueous	A
DUP 1 FD 1	Aqueous	A
LF003-MW2 FD 2	Aqueous	A
DUP 2 FD 2	Aqueous	A
SIS18-MW1	Aqueous	A
SIS18-MW5	Aqueous	A
SIS18-MW3	Aqueous	A
LF003-MW1	Aqueous	A
SS008-MW4	Aqueous	J[1]

A Accept all data.

J[1] The 1,4-dioxane result is qualified as estimated (J). The sample chromatogram indicates potential interferences. False positive results are possible.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

February 02, 2009

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 12/10/2009, 12/11/2009 and 12/14/2009
Data package: 76787
10 Aqueous Samples, 1 Rinsate Blank and 1 Trip Blank

EDB DBCP Analysis Method 8011

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SS009-MW2	755386	SIS18PZ3	755407
DUP 3 FD 1	755402	PW-3	755408
SS008-MW1	755403	PW-1	755409
SS008-MW2	755404	PW-2	755410
RB1-PUMP	755405	TRIP BLANK	755411
SIS18PZ2 FD 1	755406	SIS18-MW2	755778

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the 1,2-dibromoethane (EDB) and 1,2-dibromo-3-chloropropane (DBCP) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, analyzed the samples using US EPA Method 8011.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*
>
> US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
X		Preservation and Technical Holding Time
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	X	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
	X	System Compound Monitoring Recovery
	X	Dual Column Precision
	X	Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

Sample results were reported to the laboratory reporting Limit (RL) and adjusted for sample volume and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the RL are qualified estimated (J).

The laboratory reported all results as non-detected (U).

All samples were extracted beyond the SOW 7 day holding time. Note that the laboratory holding time for Method 8011 is 14 days. US EPA Method 504.1 EDB DBCP states that the holding time is 14 days. Using professional judgment no results are qualified.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples except Trip Blank.

The COC listed sample SI 18-MW-2. This sample was not listed on the sample tracking forms and the laboratory labeled this sample as SIS18-MW2. Shaw confirmed that SIS18-MW2 was the proper sample ID.

The COC notes that samples collected on 12/10/2009 and 12/11/2009 were not filtered. The COCs do not note if sample SIS18-MW2 was or was not filtered.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperatures were 2.5^0 C and 0.9^0 C.

The Sample Condition Report notes that custody seals were present on the cooler received on 12/12/2009 and not present on the cooler received on 12/15/2009. Samples were received in good condition, properly preserved without head space.

The laboratory reported all results as non-detected (U). All samples were extracted beyond the SOW 7 day holding time. Note that the laboratory holding time for Method 8011 is 14 days. US EPA Method 504.1 EDB DBCP states that the holding time is 14 days. Using professional judgment no results are qualified.

Initial Calibrations

All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

Analytes were calibrated from 6 point linear regressions for both columns. All correlation coefficients are greater the 0.995.

No results are qualified based upon the initial calibrations.

Continuing Calibrations

The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% D	RRF	Samples Affected
12/18/2009	None			

14:02				
12/18/2009	None			
15:37				
12/18/2009	None			
17:26				
12/18/2009	None			
18:18				

All continuing calibration acceptance criteria were met. No results are qualified.

Laboratory, Trip, and Field Blank Analyses

All method blank results were reported as non-detected (U).

RB1-PUMP is the rinsate blank sample. The EDB DBCP results for RB1-PUMP and TRIP BLANK are reported as non-detected (U).

No results are qualified based upon the blank results.

Matrix Spike/Matrix Spike Duplicate Results

Sample DUP 3 was analyzed as a MS/MSD pair. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD % Rec	Recovery/RPD Acceptance	RPD	Action
None			60-140%/40%		

All acceptance criteria were met. No results are qualified based upon the MS/MSD results.

Blank Spike Results

The laboratory analyzed one Blank Spike (BS AKA LCS) for the soil sample. Blank Spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS% Rec	Recovery/RPD Acceptance	Action
None		60-140	

No results are qualified based upon the blank spike results.

Field Duplicates

Samples SIS18PZ2/DUP 3 and SS008-MW3/DUP 2 are duplicate pairs. All results are reported as non-detected (U).

No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Aqueous surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,2-Dibromopropane
Acceptance Criteria	70-130%
None	

All surrogate recoveries were within the laboratory's acceptance criteria.

Dual Column Precision

All results are reported as non-detected (U) on both columns.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory reporting Limit (RL) and adjusted for sample volume and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the Reporting Limit (RL) are qualified estimated (J).

No method detection limit (MDL) studies were present in the laboratory data package submittal.

The laboratory has reported all results as non-detected (U).

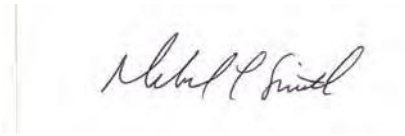
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8011 EDB DBCP Organic Analysis

New Boston Air Force Station
76787

Table I – EDB DBCP Method 8011
Recommendation Summary

Sample ID	Matrix	Qualifier
SS009-MW2	Aqueous	A
DUP 3 FD1	Aqueous	A
SS008-MW1	Aqueous	A
SS008-MW2	Aqueous	A
RB1-PUMP	Aqueous	A
SIS18PZ2 FD1	Aqueous	A
SIS18PZ3	Aqueous	A
PW-3	Aqueous	A
PW-1	Aqueous	A
PW-2	Aqueous	A
TRIP BLANK	Aqueous	A
SIS18-MW2	Aqueous	A

A Accept all data.

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

February 10, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 12/10/2009, 12/11/2009 and 12/14/2009
Data package: 76787
11 Aqueous Samples, 1 Equipment Rinsate Blank and 1 Trip Blank

Volatile Organic Analysis 8260B

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SS009-MW2	755386	PW-3	755408
DUP 3 FD 1	755402	PW-1	755409
SS008-MW1	755403	PW-2	755410
SS008-MW2	755404	TRIP BLANK	755411
RB1-PUMP EB	755405	SIS18-MW2 FD2	755778
SIS18PZ2 FD 1	755406	SIS18-MW2 DUP FD 2	755779
SIS18PZ3	755407		

FD - Field Duplicate Samples EB – equipment Rinsate Blank

Dear Mr. Malarek:

A data validation was performed on the Volatile Organic Analysis (VOA) analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, reported that the samples were prepared and analyzed according to US EPA SW-846 Method 8260B.

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
X		Initial Calibration
X		Continuing Calibration
X		Blank Analyses
X		Matrix and Matrix Spike Duplicate Recoveries
X		Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
X		Internal Standards
X		Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

The laboratory reported all QAPP specified VOAs.

The laboratory analyzed 1,3,5-trichlorobenzene, ethyl ether, tert-amyl methyl ether (TAME), tert-butyl alcohol and tert-butyl ethyl ether (ETBE) using a 5 mL purge in analytical sequence 63767. All other compounds were analyzed using a 25mL purge in analytical sequence 63765. All results for samples SIS18PZ2 and SIS18PZ3 are reported from analytical sequence 63767. All TRIP BLANK results are reported from the 63765 analytical sequence.

All acetone results except SIS18PZ2 and SIS18PZ3 are qualified as rejected (R). The initial calibration verification standard result and the re-run of the initial calibration verification standard were below the DOD QSM acceptance criteria. The mean Relative Response Factor (RRF) was 0.030 and ranged between 0.070 and 0.011. The ability of the laboratory to report acetone results to the RL (5.2 ug/L) is questionable. Samples SIS18PZ2 and SIS18PZ3 were analyzed using analytical sequence 63767. Note that the MS/MSD acetone recoveries are 6% and 20% and the LCS recovery is 19%.

The bromoform results for SS009-MW2, DUP 3, SS008-MW1, SS008-MW2, RB1-PUMP, PW-3, PW-1, PW-2, TRIP BLANK, SIS18-MW2 and SIS18-MW2 DUP are qualified as non-detected estimated (UJ). The mean Relative Response Factor (RRF) is 0.076, less than the required 0.100 mean RRF. The laboratory used an alternative calibration procedure and the linear regression coefficient was less than 0.995. The initial calibration verification (ICV) results and the continuing calibration results (CCV) are within 20% of the true value. The ICV and CCV RRFs are below 0.100.

The 1,1,2,2-tetrachloroethane results for SS009-MW2, DUP 3, SS008-MW1, SS008-MW2, RB1-PUMP, PW-3, PW-1, PW-2, TRIP BLANK, SIS18-MW2 and SIS18-MW2 DUP are qualified as non-detected estimated (UJ). The mean Relative Response Factor (RRF) is 0.293, less than the required 0.300 mean RRF. The ICV results and one CCV result are within 20% of the true value.

The naphthalene, 1,2,4-trichlorobenzene and 1,2,3-trichlorobenzene results for SIS18PZ2 are qualified as non-detected estimated (UJ). The continuing calibration result is biased low. False non-detected results are possible.

The bromomethane, tert-butyl ethyl ether, tert-amyl methyl ether, 2-hexanone and naphthalene results for SIS18PZ3 are qualified as non-detected estimated (UJ). The continuing calibration result is biased low. False non-detected results are possible.

The bromomethane, ethyl ether, methylene chloride and bromoform results for TRIP BLANK are qualified as non-detected estimated (UJ). Low biased results are indicated. False non-detects are possible. The continuing calibration result is biased low. False non-detected results are possible.

The bromomethane, methylene chloride and bromoform results for SS009-MW2, DUP 3, SS008-MW1, SS008-MW2, RB1-PUMP, PW-3, PW-1, PW-2, SIS18-MW2 and SIS18-MW2 DUP are qualified as non-detected estimated (UJ). Low biased results are indicated. False non-detects are possible.

Based upon the method blank results, the chloromethane results for SS008-MW1, PW-3, PW-1, PW-2, TRIP BLANK and SIS18-MW2 are qualified as non-detected (U) at the reported concentrations. Reported results are below the blank action concentration.

Based upon the method blank results, the 2-hexanone and 4-methyl-2-pentanone results for SIS18PZ3 are qualified as non-detected (U) at the reported concentrations. Sample SIS18PZ3 was analyzed at a 20X dilution. The 2-hexanone and 4-methyl-2-pentanone solution concentrations for SIS18PZ3 are 17.8 ug/L and 14.8 ug/L respectively, resulting in 360 ug/L and 300 ug/L concentrations respectively. The 2-hexanone result for SIS18PZ3 is ultimately qualified

as non-detected estimated (UJ) at the reported concentration due to the continuing calibration result.

The MS and/or MSD recoveries for 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, methylene chloride, o-xylene, m/p-xylene and styrene are below the QAPP acceptance criteria. These results for DUP 3 and the field duplicate SIS18PZ2 are qualified as non-detected estimated (UJ). The MS/MSD methylene chloride RPD is 101%. Results may be low biased. False non-detects are possible.

The naphthalene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene and 2,2-dichloropropane results for SIS18PZ2 and SIS18PZ3 are qualified as non-detected estimated (UJ). The LCS recoveries indicate low biases. False non-detects are possible.

The 1,4-dichlorobenzene-d4 internal standard recovery for sample SIS18PZ2 was below the method acceptance criteria. All compounds associated with 1,4-dichlorobenzene-d4 are reported as non-detected (U) and are qualified as non-detected estimated (UJ).

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J).

- All positive results are at concentrations greater than the RL.

Sample SIS18PZ2 was diluted by 10X for the 63767 analytical run.
Sample SIS18PZ3 was diluted by 20X for the 63767 analytical run.

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples except Trip Blank.

The COC listed sample SI 18-MW-2. This sample was not listed on the sample tracking forms and the laboratory labeled this sample as SIS18-MW2. Shaw confirmed that SIS18-MW2 was the proper sample ID.

The COC notes that samples collected on 12/10/2009 and 12/11/2009 were not filtered. The COCs do not note if sample SIS18-MW2, collected on 12/14/2009, was or was not filtered.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperatures were 2.5^0 C and 0.9^0 C.

The Sample Condition Report notes that custody seals were present on the cooler received on 12/12/2009 and not present on the cooler received on 12/15/2009. Samples were received in good condition, properly preserved and without head space.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

The laboratory analyzed one initial calibration curve for 1,3,5-trichlorobenzene, ethyl ether, tert-amyl methyl ether, tert-butyl alcohol and tert-butyl ethyl ether on instrument VMS-3 (Run # 63767). All minimum relative response factor (RRF) criteria for system performance check compounds and percent relative standard deviation (%RSD) for calibration check compounds were met. All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

The initial calibration mean RRF for tert-butyl alcohol is 0.020. The lowest calibration standard is 20 ug/L and the laboratory RL is 20 ug/L. The continuing calibration and LCS tert-butyl alcohol standard concentration are 200 ug/L and the results are within 20% of the true results. The laboratory analyzed a LOD check standard at 3.0 ug/L and the reported concentration was 2.75 ug/L. Using professional judgment the tert-butyl alcohol results are accepted without qualification.

All results for samples SIS18PZ2 and SIS18PZ3 were reported from the 63767 analytical sequence, using a 5 mL purge. Samples SIS18PZ2 and SIS18PZ3 were analyzed at 10X and 20X dilutions respectively.

The laboratory analyzed one initial calibration curve for the remaining compounds on instrument VMS-2 (Run # 63765). All minimum relative response factor (RRF) criteria for system performance check compounds and percent relative standard deviation (%RSD) for calibration check compounds were not met. All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were not met.

The mean Relative Response Factor (RRF) for bromoform is less than 0.100, the initial calibration acceptance criteria.The bromoform RRF for the initial calibration verification (ICV) and continuing calibration verifications (CCV) are less than 0.100. The laboratory determined the bromoform concentrations from linear regression and the regression coefficient is less than 0.995. The bromoform ICV and CCV results are within 20% of the true concentration. Using professional judgment the bromoform results for SS009-MW2, DUP 3, SS008-MW1, SS008-MW2, RB1-PUMP, PW-3, PW-1, PW-2, TRIP BLANK, SIS18-MW2 and SIS18-MW2 DUP are qualified as non-detected estimated (UJ).

The mean Relative Response Factor (RRF) for tetrahydrofuran is less than 0.050 at 0.023. The lowest calibration standard is 2.00 ug/L and the RL is 4.6 ug/L. Using professional judgment, no results are qualified based upon the mean RRF. The ICV and CCV acceptance criteria were met. The initial calibration RSD is 8.0%.

The mean Relative Response Factor (RRF) for 1,1,2,2-tetrachloroethane is less than 0.300, the initial calibration acceptance criteria, at 0.293. The laboratory did not use an alternative calibration method. Using professional judgment, 1,1,2,2-tetrachloroethane results for SS009-MW2, DUP 3, SS008-MW1, SS008-MW2, RB1-PUMP, PW-3, PW-1, PW-2, TRIP BLANK, SIS18-MW2 and SIS18-MW2 DUP are qualified as non-detected estimated (UJ).

The acetone LOD and RL are 1.5 ug/L and 5.2 ug/L respectively. The lowest initial calibration standard for acetone was 10 ug/L. The laboratory narrative noted that the acetone recovery for the initial calibration verification standard was below the acceptance criteria. The recovery was 73.5% for the 20 ug/L standard. The mean RRF for acetone was 0.030. The DOD QSM document states that "no samples may be run until calibration has been verified". Corrective actions were not taken. The laboratory reported LOD and RL are questionable. All acetone results are qualified as rejected (R). Note that the acetone LCS recovery for the 63765 analytical sequence was 19%.

Continuing Calibrations

All minimum RRF criteria for SPCC compounds were met for the 1,3,5-trichlorobenzene, ethyl ether, tert-amyl methyl ether, tert-butyl alcohol and tert-butyl ethyl ether analyses on instrument VMS-3 (Run # 63767). The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%. Note that all results for samples SIS18PZ2 and SIS18PZ3 are reported from 63767 and all TRIP BLANK results are reported from 63765.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
12/23/2009	Acetone	-34.7	0.097	LCS, Method Blank, TRIP BLANK, SIS18PZ3, SIS18PZ2, SS009-MW2
10:21	1,3,5-Trimethylbenzene	-20.3	2.706	
	Tert-Butylbenzene	-25.4	2.738	
	Sec-Butylbenzene	-27.3	3.460	
	p-Isopropyltoluene	-20.2	3.045	
	1,2,4-Trichlorobenzene	50.0	0.268	
	Hexachlorobutadiene	-37.8	0.332	
	Naphthalene	54.4	0.515	
	1,2,3-Trichlorobenzene	42.6	0.230	
12/23/2009	Acetone	0.091	-26.4	DUP, SS008-MW1, SS008-MW2, RB1-PUMP, PW-3, PW-1, PW-2, SIS18-MW2, SIS18-MW2 DUP, SS009-MW2 RE
22:43				
12/24/2009	TAME	20.4	0.362	SS008-MW1 MS, SS008-MW1 MSD, SIS18PZ3 RE
11:24	ETBE	22.8	0.565	

	2-Hexanone	24.7	0.134	
	Naphthalene	40.3	0.674	
	Bromomethane	22.4	0.088	

Samples SIS18PZ3 and SS009-MW2 were initially analyzed on 12/23/2009 and re-analyzed on 12/24/2009 due to internal standard failures. The re-analyzed results are the reported results.

The naphthalene, 1,2,4-trichlorobenzene and 1,2,3-trichlorobenzene results for SIS18PZ2 are qualified as non-detected estimated (UJ). The continuing calibration result is biased low. False non-detected results are possible. The other non-compliant compounds indicate high biases. These compound results are reported as non-detected and the results are not qualified.

The bromomethane, tert-butyl ethyl ether, tert-amyl methyl ether, 2-hexanone and naphthalene results for SIS18PZ3 RE are qualified as non-detected estimated (UJ). The continuing calibration result is biased low. False non-detected results are possible.

All minimum RRF criteria for SPCC and % RSDs for CCC compounds criteria were not met for analyses on instrument VMS-1 (Run # 63765). Bromoform and 1,1,2,2-tetrachloroethane are the exceptions. The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%. Acetone, bromoform, methylene chloride and MtBE were calibrated using non-linear regressions.

CCAL Date/Time	Compound	% Diff	RRF	Samples Affected
12/23/2009	Bromomethane	22.8	0.292	LCS, Method Blank, TRIP BLANK, SS009-MW2 RE, DUP 3, SS008-MW1, SS008-MW2, RB1-PUMP, PW-3, PW-1, PW-2, SIS18-MW2, SIS18-MW2 DUP
10:45	Ethyl ether	25.3	0.056	
	Acetone	48.3	0.015	
	Methylene Chloride	32.7	0.144	
	Bromoform	1.3	0.075	
12/24/2009	Acetone	55.2	0.013	DUP 3 MS, DUP 3 MSD
10:00	Methylene Chloride	38.3	0.132	
	Trans-1,3-Dichloropropene	24.7	0.143	
	Naphthalene	24.9	0.726	
	2-Hexanone	24.1	0.066	
	Bromoform	25.0	0.050	
	1,1,1,2-Tetrachloroethane	30.4	0.208	
	1,1,2,2-Tetrachloroethane	8.5	0.268	

Acetone results are discussed in the initial calibration section. All acetone results, except SIS18PZ2 and SIS18PZ3, are qualified as rejected (R).

All TRIP BLANK results are reported from the 63765 analytical sequence. The bromomethane, ethyl ether, methylene chloride and bromoform results for TRIP BLANK are qualified as non-detected estimated (UJ). Low biased results are indicated. False non-detects are possible.

The bromomethane, methylene chloride and bromoform results for SS009-MW2, DUP 3, SS008-MW1, SS008-MW2, RB1-PUMP, PW-3, PW-1, PW-2, SIS18-MW2 and SIS18-MW2 DUP are qualified as non-detected estimated (UJ). Low biased results are indicated. False non-detects are possible.

The bromoform results are discussed in the initial calibration section. All bromoform results, except SIS18PZ2 and SIS18PZ3 are qualified as non-detected estimated (UJ).

The 12/24/2009 continuing calibration verification standard applies to only the MS/MSD pair.

Laboratory, Trip, and Field Blank Analyses

Positive VOA method blank results are summarized below.

Analytical Sequence 63765

Compound	Blank Result ug/L	Blank Action Conc. ug/L
Chloromethane	1.06	5.30

The chloromethane results for SS008-MW1, PW-3, PW-1, PW-2, TRIP BLANK and SIS18-MW2 are qualified as non-detected (U) at the reported concentrations. Reported results are below the blank action concentration.

Positive VOA method blank results are summarized below.

Analytical Sequence 63767

Compound	Blank Result ug/L	Blank Action Conc. ug/L
2-Hexanone	11.0	55.0
4-Methyl-2-Pentanone	7.48	74.8
Chloromethane	0.722	3.61

Sample SIS18PZ2 was analyzed at a 10X dilution. These three compounds were not detected in SIS18PZ2.

Sample SIS18PZ3 was analyzed at a 20X dilution. The 2-hexanone and 4-methyl-2-pentanone solution concentrations for SIS18PZ3 are 17.8 ug/L and 14.8 ug/L respectively, resulting in 360 ug/L and 300 ug/L concentrations respectively. The 2-hexanone and 4-methyl-2-pentanone results for SIS18PZ3 are qualified as non-detected (U) at the reported concentrations. The 2-hexanone result for SIS18PZ3 is ultimately qualified as non-detected estimated (UJ) at the reported concentration due to continuing calibration results.

Positive VOA TRIP BLANK results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
Chloromethane	0.55	2.75

The chloromethane result for TRIP BLANK is qualified as non-detected (U) at the reported concentration based upon the method blank result. No results are qualified based upon TRIP BLANK results.

Equipment Rinsate Blank RB1-Pump was collected on 12/11/2009. Positive equipment rinsate blank RB1-Pump results are summarized below.

Compound	Blank Result ug/L	Blank Action Conc. ug/L
MtBE	4.0	20.0
Toluene	0.86	4.3

Neither MtBE nor toluene was detected in the method blanks or the trip blank. All MtBE and toluene sample results are reported as non-detected (U). No results are qualified based upon RB1-Pump results.

Matrix Spike/Matrix Spike Duplicate Results

Sample DUP 3 was analyzed as a MS/MSD pair for analytical sequence L63765. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below. These results are applicable to DUP 3 and the field duplicate pair SIS18PZ2.

Compound	MS% Rec	MSD% Rec	%RPD	Recovery Acceptance/ RPD	Action
1,2,3-Trichloropropane	127	135	6	75-125/20	None High Bias
1,2,4-Trimethylbenzene	67	56	18	75-130/20	UJ Low Bias
1,3,5-Trimethylbenzene	65	50	26	75-130/20	UJ Low Bias
Acetone	6	20	109	40-140/20	R All
Isopropylbenzene	72	68	5	75-125/20	UJ Low Bias
MtBE	183	248	30	65-125/20	None High Bias
Methylene Chloride	49	148	101	55-140/20	UJ
o-Xylene	70	67	5	80-120/20	UJ Low Bias
Styrene	53	41	25	65-135/20	UJ Low Bias
m/p-Xylene	79	72	9	75-130/20	UJ Low Bias
trans-1,2-Dichloroethene	126	268	72	60-140/20	None High Bias

All acetone results are qualified as rejected (R) due to the initial calibration results. The MtBE, 1,2,3-trichloropropane and trans-1,2-dichloroethene results are reported as non-detected (U) and are reported without qualification because of the high bias.

The 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, methylene chloride, o-xylene, m/p-xylene and styrene results for DUP 3 and SIS18PZ2 are qualified as non-detected estimated (UJ). Results may be low biased. False non-detects are possible.

Sample SS008-MW1 was analyzed as a MS/MSD pair for analytical sequence 63767. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS% Rec	MSD% Rec	%RPD	Recovery Acceptance/ RPD	Action
Chloroethane	171	149	14	60-135/20	None High Bias

No results are qualified based upon these high biased MS/MSD results.

Laboratory Control Sample Results

The laboratory analyzed two Laboratory Control Samples (LCS) for the aqueous samples. All target analytes were reported. LCS recoveries that exceed the QAPP acceptance criteria are summarized below. The laboratory did not analyze a Laboratory Control Sample Duplicate.

Analytical Run 63765

Compound	LCS% Rec	Recovery Acceptance	Action
Acetone	19	40-140	R

All acetone results are reported as rejected (R) due to the initial and continuing calibration results and LCS results.

Analytical Run 63767

Compound	LCS% Rec	Recovery Acceptance	Action
1,2,3-Trichlorobenzene	50	55-140	UJ Low Bias
1,2,4-Trichlorobenzene	46	65-135	UJ Low Bias
2,2-Dichloropropane	66	70-135	UJ Low Bias
Naphthalene	43	55-140	UJ Low Bias
sec-Butylbenzene	127	70-125	None
tert-Butylbenzene	132	70-130	None

The sec-butylbenzene and tert-butylbenzene results are not qualified. The recoveries indicate high biases and the results are non-detects. The naphthalene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene and 2,2-dichloropropane results for SIS18PZ2 and SIS18PZ3 are qualified as non-detected estimated (UJ). The LCS recoveries indicate low biases. False non-detects are possible.

Field Duplicates

Samples SIS18 PZ2/DUP 3 and SIS18-MW2/SIS18MW2 DUP are two aqueous field duplicate pairs. Field duplicate RPDs that exceed the 30% are summarized below.

Compound			% RPD
None			

NC-Not Calculated

No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Aqueous surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,2-Dichloroethane-d4	BFB	Toluene-d8	DBFM
Acceptance Criteria	**70-120%**	**75-120%**	**85-120%**	**85-115%**
755406	101	**143**	90	93
755411	104	**134**	94	93
Method Blank	101	**137**	98	90

BFB-Bromofluorobenzene DBFM-Dibromofluoromethane

All results are reported as non-detected for these samples. The bromofluorobenzene recoveries indicate high biased results. Non-detected results are not qualified based upon the high biased recoveries.

Insufficient sample was provided for re-analysis. Matrix problems could not be confirmed.

Internal Standards

The laboratory reported fluorobenzene (FLB), chlorobenzene-d5 (CBZ) and 1,4-dichlorobenzene–d4 (DCB) as the internal standards. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	FLB	CBZ	DCB
Acceptance Criteria	**2717410-679353**	**2205436-551359**	**1148274-287069**
SS009-MW2	**2302**	**150171**	**62979**
SIS18PZ2	1255557	962857	**286036**
SIS18PZ3	1109304	**236605**	**69609**

The laboratory re-analyzed samples SS009-MW2 and SIS18PZ3 due to the internal standard failures. The results for the re-analyses were within the method acceptance criteria. Results for the re-analyses are the results reported in this memo.

The laboratory did not re-analyze sample SIS18PZ2. All compounds associated with 1,4-dichloro benzene-d4 are reported as non-detected and are qualified as non-detected estimated (UJ).

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample mass/volume, percent solids, and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and RL are qualified estimated (J).

- All positive results are at concentrations greater than the RL.

Sample SIS18PZ2 was diluted by 10X for the 63767 analytical run.
Sample SIS18PZ3 was diluted by 20X for the 63767 analytical run.

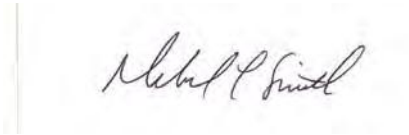
Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 8260B Volatile Organic Analysis

New Boston Air Force Station
76787

Table I - Method 8260B Volatile Organic Analysis
Recommendation Summary

Sample ID	Matrix	Qualifier
SS009-MW2	Aqueous	R^1, J^2, J^3, J^7
DUP 3 FD 1	Aqueous	R^1, J^2, J^3, J^7, J^8
SS008-MW1	Aqueous	R^1, A^1, J^2, J^3, J^7
SS008-MW2	Aqueous	R^1, J^2, J^3, J^7
RB1-PUMP EB	Aqueous	R^1, J^2, J^3, J^7
SIS18PZ2 FD 1	Aqueous	J^4, J^8, J^9, J^{10}
SIS18PZ3	Aqueous	A^2, J^1, J^5, J^9
PW-3	Aqueous	R^1, A^1, J^2, J^3, J^7
PW-1	Aqueous	R^1, A^1, J^2, J^3, J^7
PW-2	Aqueous	R^1, A^1, J^2, J^3, J^7
TRIP BLANK	Aqueous	R^1, A^1, J^2, J^3, J^6
SIS18-MW2 FD2	Aqueous	R^1, A^1, J^2, J^3, J^7
SIS18-MW2 DUP FD 2	Aqueous	R^1, J^2, J^3, J^7

A Accept all data.

R^1 Reject (R) all acetone results. The initial and continuing calibration results indicate that the required reporting limit (RL) is not achievable.

A^1 Accept the chloromethane result as non-detected (U) at the reported concentration. Method blank contamination is indicated.

A^2 Accept the 4-methyl-2-pentanone result as non-detected (U) at the reported concentration. Method blank contamination is indicated.

J^1 Accept the 2-hexanone result as non-detected estimated (UJ) at the reported concentration. Continuing calibration verification results indicate a possible low bias.

J^2 Accept the bromoform result as non-detected estimated (UJ). The mean RRF is below the method acceptance criteria.

J^3 Accept the 1,1,2,2-tetrachloroethane result as non-detected estimated (UJ). The mean RRF is below the method acceptance criteria.

J^4 Accept the naphthalene, 1,2,4-trichlorobenzene and 1,2,3-trichlorobenzene results as non-detected estimated (UJ). The continuing calibration result indicates a low bias. False non-detects are possible.

J[5] Accept the bromomethane, tert-butyl ethyl ether, tert-amyl methyl ether, 2-hexanone and naphthalene results as non-detected estimated (UJ). The continuing calibration result indicates a low bias. False non-detects are possible.

J[6] Accept the bromomethane, ethyl ether, methylene chloride and bromoform results as non-detected estimated (UJ). The continuing calibration result indicates a low bias. False non-detects are possible.

J[7] Accept the bromomethane, methylene chloride and bromoform results as non-detected estimated (UJ). The continuing calibration result indicates a low bias. False non-detects are possible.

J[8] Accept the 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, methylene chloride, o-xylene, m/p-xylene and styrene results as non-detected estimated (UJ). MS and/or MSD recoveries are below the QAPP acceptance criteria. False non-detects are possible. Note that the qualifiers were applied to both samples of the field duplicate pair.

J[9] Accept the naphthalene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene and 2,2-dichloropropane results as non-detected estimated (UJ). The LCS recoveries are below the QAPP. Low biases are indicated. False non-detects are possible.

J[10] The 1,4-dichlorobenzene internal standard recovery was below the method acceptance criteria. The 1,1,2,2-tetrachloroethane, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichloropropane, 1,2,4-trimethylbenzene, 1,2-dichlorobenzene, 1,3,5-trichlorobenzene, 1,3,5-trimethylbenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2-chlorotoluene, 4-chlorotoluene, bromobenzene, hexachlorobutadiene, naphthalene, n-butylbenzene, n-propylbenzene, p-isopropyltoluene, sec-butylbenzene and tert-butylbenzene are qualified as non-detected estimated (UJ).

KESTREL
ENVIRONMENTAL
TECHNOLOGIES, INC.

January 30, 2010

To: Eric Malarek
From: Timothy Lewis, Kestrel Environmental Technologies, Inc.
Subject: Shaw Environmental and Infrastructure
Lab Name: CT Laboratories, Baraboo, WI
Site Name: New Boston AFS
Samples Collected: 12/10/2009, 12/11/2009 and 12/14/2009
Data package: 76787 Accutest #: M88052 and M88071
10 Aqueous Samples, 1 Rinsate Blank and 1 Trip Blank

1,4-Dioxane Analysis 8260B SIM

Samples Collected: (Client IDs)

Site ID	CT Lab ID	Site ID	CT Lab ID
SS009-MW2	M88052-1	SIS 18 PZ3	M88052-7
DUP 3 FD 1	M88052-2	PW-3	M88052-8
SS008-MW1	M88052-3	PW-1	M88052-9
SS008-MW2	M88052-4	PW-2	M88052-10
RB1-PUMP	M88052-5	TRIP BLANK	M88052-11
SIS 18 PZ2 FD 1	M88052-6	SIS18 MW-2	M88071-1

FD - Field Duplicate Samples

Dear Mr. Malarek:

A data validation was performed on the 1,4-dioxane analytical data from samples collected by Shaw Environmental and Infrastructure at the New Boston Air Force Station (NBAFS) site in New Boston, New Hampshire. The laboratory, CT Laboratories Baraboo, WI, subcontracted the analyses to Accutest Laboratories, Marlborough, MA. The samples were analyzed by US EPA Method 8260B using selective ion monitoring (SIM).

The data validation was conducted in accordance with *"Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009)".*

Data will be validated using a combination of the following criteria:

> *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*
>
> US Environmental Protection Agency (USEPA) 2007. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (US EPA SW-846), Update IV, OSWER Feb 2007 with all current revisions.*

U.S. Department of Defense (DOD), 2009. *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009.*

Laboratory Standard Operating Procedures (SOPs).

The data validation scheme shall be consistent with US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, 1999) and USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA, 2004) as modified in Attachment 2 of *Statement of Work-New Boston Air force Station Base-Wide Remedial Investigation/Feasibility Study (Shaw 2009).*

All parameters require a full level data validation. The following items were evaluated:

Qualified		Parameters
Yes	**No**	
	X	Chain of Custody (COC) Documents
	X	Preservation and Technical Holding Time
	X	Instrument Performance Checks (Tuning)
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analyses
	X	Matrix and Matrix Spike Duplicate Recoveries
	X	Laboratory Control Samples (Blank Spike)
	X	Field Duplicate Sample Analysis
	X	System Monitoring Compound Recovery
	X	Internal Standards
	X	Sample Quantitation Verification

NA-Not Applicable

Table I summarizes the recommendations that are based upon the following information:

Summary

This validation contains results from Accutest data packages M88052 and M88071. Samples SIS 18 PZ2 and SIS 18 PZ3 were analyzed at 2X dilutions. Results were reported as non-detected (U) at elevated reporting limits (RL).

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample volume and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the Reporting Limit (RL) are qualified estimated (J).

All results are reported as non-detected (U).

Chain of Custody Documents

The chain of custody (COC) was properly signed. The sampling date and sampling time were recorded for all field samples except Trip Blank.

No field sample results are qualified are based upon custody documentation.

Sample Preservation and Holding Times

Sample SIS18-MW2 (collected 12/14/2009) was listed on the CT Laboratory COC as requiring 1,4-dioxane analysis. This sample did not appear on the Accutest COC. This sample result was reported in Accutest data package M88071.

The COC indicates that samples were received in good shape and properly preserved. Samples were received on ice. The cooler temperature was 0.9^0 C. Sample pHs were less than 2 and headspace was not present.

The CT Laboratory's COC notes that samples collected on 12/10/2009 and 12/11/2009 were not filtered. The COCs do not note if sample SIS18-MW2 was or was not filtered.

The Sample Receipt Summary notes that custody seals were present and intact.

Sample SIS18-MW2 was collected on 12/14/2009 and was received at Accutest on 12/16/2009. The sample is reported in data package M88071. The COC indicates that samples were received in good shape, properly preserved and no headspace. Samples were received on ice. The cooler temperature was 0.4^0 C.

The Sample Condition Report notes that custody seals were present and intact.

Samples were collected on 12/10/2009, 12/11/2009 and 12/14/2009. The VOA analytical holding time is 14 days. All holding times were met.

No field sample results are qualified based upon sample holding times or sample conditions at laboratory receipt.

Instrument Performance Checks (Tuning)

All instrument tuning acceptance criteria were met.

Initial Calibrations

All initial calibration acceptance criteria based upon the *Department of Defense Quality Systems Manual for Environmental Laboratories, Version 4.1.DOD Environmental Data Quality Workgroup, April 22, 2009* were met.

No results are qualified based upon the initial calibrations.

Continuing Calibrations

The following table summarizes continuing calibration % Differences that exceed 20%. When linear or non-linear regressions are used the % Drift should not exceed 20%.

CCAL Date/Time	Compound	% D	RRF	Samples Affected
12/15/09	None			
15:37				
12/17/2009	None			
15:50				

All continuing calibration acceptance criteria were met. No results are qualified.

Laboratory, Trip, and Field Blank Analyses

All 1,4-dioxane method blank results were reported as non-detected (U).

A rinsate blank and trip blank sample were submitted in data package M88052. All 1,4-dioxane rinsate blank and trip blank results were reported as non-detected (U).

No results are qualified based upon the blank results.

Matrix Spike/Matrix Spike Duplicate Results

Sample SS009-MW2 (M88052) was analyzed as the MS/MSD pair. MS/MSD recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	MS % Rec	MSD % Rec	Recovery/RPD Acceptance	Action
None			37-156/29	

No results are qualified based upon the blank spike/blank spike duplicate results.

No NBAFS MS/MSD pair was submitted in data package M88071.

Blank Spike Results

The laboratory analyzed a Blank Spike/Blank Spike Duplicate pair (BS AKA LCS) for the aqueous samples. Blank spike pairs were submitted for both data packages. Blank Spike recoveries that exceed the QAPP acceptance criteria are summarized below.

Compound	LCS % Rec	LCSD % Rec	Recovery/RPD Acceptance	Action
None		NA	48-122	

No results are qualified based upon the blank spike/blank spike duplicate results.

Field Duplicates

Samples SIS 18 PZ2/DUP 3 is a field duplicate pair. Results with relative percent differences (RPD) greater than 30%.

Compound			% RPD
None			

NC-Not Calculated

All results are reported as non-detected (U). No results are qualified based upon the field duplicate precision.

System Monitoring Compound Recovery

Aqueous surrogate recoveries that exceed the QAPP acceptance criteria are summarized below.

Sample ID	1,4-Dioxane-d8
Acceptance Criteria	60-140%

No results are qualified based upon the surrogate recoveries.

Internal Standards

The laboratory reported 4-Bromofluorobenzene as the internal standard. The internal standard results that exceed the method acceptance criteria are summarized below.

Sample ID	4-BFB
Acceptance Criteria	
None	

No VOA results are qualified based upon the internal standard recoveries.

Method Detection Limit Results/Practical Quantitation Limits

Sample results were reported to the laboratory Reporting Limit (RL) and adjusted for sample volume and dilution factors. Positive results may be reported to the Limit of Detection (LOD). Positive results between the LOD and the Reporting Limit (RL) are qualified estimated (J).

No method detection limit (MDL) studies were present in the laboratory data package submittal. Results that exceed the calibration range of the instrument are qualified as estimated (J). Samples that exceed the calibration range should be diluted and re-analyzed. Sample results are not

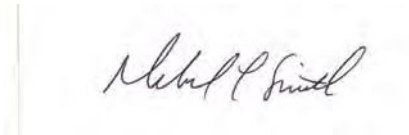
qualified due to dilutions. No sample results reported in this data package exceed the calibration range.

Table I summarizes the qualified sample results. Please contact Kestrel Environmental Technologies, Inc. with any questions regarding this data evaluation.

Sincerely,
Kestrel Environmental Technologies, Inc.



Timothy Lewis
Evaluator



Deborah Smith
Quality Control Officer

Attachments: Table I – Method 1,4-Dioxane 8260B SIM

New Boston Air Force Station
M88052 and M88071

Table I - Method 1,4-Dioxane by 8260B SIM
Recommendation Summary

Sample ID	Matrix	Qualifier
SS009-MW2	Aqueous	A
DUP 3	Aqueous	A
SS008-MW1	Aqueous	A
SS008-MW2	Aqueous	A
RB1-PUMP	Aqueous	A
SIS 18 PZ2	Aqueous	A
SIS 18 PZ3	Aqueous	A
PW-3	Aqueous	A
PW-1	Aqueous	A
PW-2	Aqueous	A
TRIP BLANK	Aqueous	A
SIS18 MW-2	Aqueous	A

A Accept all data.

Shaw Environmental, Inc.
2113 Emmorton Park Road
Edgewood, Maryland
410-612-6350
FAX: 410-612-6351

Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation – Ethylene dibromide and 1,2-Dibromo-3-chloropropane
CT Laboratories, Inc., SDG 77528

DATE: March 23, 2010

The purpose of this memorandum is to present the data validation report for the samples collected for the NBAFS RI/FS Sites on February 11, 2010. The samples were analyzed for Ethylene dibromide (EDB) and 1,2-Dibromo-3-chloropropane (DBCP) using USEPA SW846 Method 8011. A total of four aqueous field samples were validated. The sample IDs are:

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
LF003 MW-1	770686	SS008 MW-4	770693
LF003 MW-2	770692	TRIP BLANK	770716

Data were reviewed by Eric Malarek and validated using a combination of project QAPP, *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April, 2009* (DoD, 2009) (DoD QSM), method-specific criteria, and laboratory SOP criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999). Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	No	
	X	Holding Times and Preservation
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analysis
	X	Laboratory Control Sample
	X	Matrix Spike/ Spike Duplicate Sample
	X	System Monitoring Compounds
	X	Field Sample Duplicate
	X	Quantitation Verification

The quality of data collected in support of this sampling activity is considered acceptable.

Eric Malarek, Chemist

3/23/10
Date

NBAFS RI/FS VALIDATION REPORT
EDB & DBCP REVIEW
SDG 77528

I-Holding Times and Preservation
The objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of analysis. Holding time criteria: For aqueous samples cooled @ 4°C ± 2°C; Sodium thiosulfate (if chlorine in sample), the maximum holding time is 14 days from sample collection to analysis (Method 504.1 criteria).

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 02/11/10, the cooler was received on 02/12/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C. The 1,4-dioxane was received on by the secondary laboratory (Accutest) on 02/16/10 at 1.7°C. The secondary lab temperature was slightly below criteria; however, no impacts resulted from this outlier. All criteria were met for the primary laboratory. No qualifiers were applied based upon this outlier.

- Holding Time Review: The aqueous samples were collected for VOCs on 02/11/10. All samples were extracted and analyzed on 02/16/10. Sample collection dates may be found on the attached form 1s. All criteria were met. No qualifiers were applied.

II-Initial Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for the target compounds. The initial 5-point calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run. The DoD QSM specifies that the correlation coefficient (r) must be ≥0.995 or coefficient of determination r^2>0.99 and/or the percent relative standard deviation (%RSD) must be ≤20%.

- For initial calibration performed on 02/16/10 on instrument Semi7, all target compounds were within criteria (%RSD≤20%). Compounds EDB (r^2=0.9980 front detector; r^2=0.9995 back detector linear) and DBCP (r^2=0.9993 front detector; r^2=0.9983 back detector linear) were quantified using linear regression with all coefficient of determinations ≥0.99. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) were analyzed using this initial calibration.

III-Continuing Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for the target compounds. Continuing calibration standards are analyzed after every 10 samples, and at the end of the analysis sequence. DoD QSM specifies the percent difference (%D) from initial calibration should be no greater than ±20%.

- For initial calibration verification performed on 02/16/10 @11:47 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. No samples were analyzed under this initial calibration verification.

- For continuing calibration performed on 02/16/10 @12:34 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this continuing calibration.

- For continuing calibration performed on 02/16/10 @14:50 on instrument Semi7, all criteria were met for all target compounds (%D≤20%) for both the front and back detectors. No qualifiers were applied. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this continuing calibration.

IV-Blank Analysis

The purpose of blank analyses is to determine the presence and magnitude of contamination problems resulting from field and laboratory activities. One method blank per analytical batch must be run on each instrument used to analyze samples. No contaminants should be detected in any of the associated blanks >MDL. DoD QSM criteria specifies all concentrations should be less than one-half MRL (<MRL for common laboratory contaminants methylene chloride, acetone, and 2-butanone). Positive sample results are reported and qualified "U", if the concentration of the compound in the sample is ≤10 times (10x) the maximum amount in any blank for the common laboratory contaminants methylene chloride, acetone, and 2-butanone, or 5 times (5x) the maximum amount for other volatile target compounds. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor of one. The trip blank TRIP BLANK (770716) applies to all groundwater samples collected on 02/11/10. No equipment blank was required.

Table 2 Blank Contamination Analysis Summary

Analysis Date	QC Blank ID	Compound	Max Conc. µg/L	Action Level µg/L	U qualified samples (This SDG)
02/16/10	MBW770919	All target <½MRL	NA	NA	None
02/16/10	TRIP BLANK	All target <½MRL	NA	NA	None

MRL = Method Reporting Limit
NA = Not Applicable

V-Laboratory Control Sample

Data for laboratory control samples (LCS) are evaluated to determine long-term accuracy of the analytical method on various matrices. Percent recoveries (%Rs) should be within the specified control limits. DoD LCS recovery limits are not specified in Appendix G of the DOD QSM V4.1; therefore, the established laboratory limits should be used. The laboratory QC limits for EDB and DBCP are 60-140%.

- Sample LCSW770918 was used as the LCS for the VOC analysis on 02/16/10. All criteria were met. No qualifiers were applied. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this LCS.

VI-Matrix Spike/Matrix Spike Duplicate

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The percent recoveries (%Rs) and the relative percent difference (RPD) must be within the specified control limits. DoD MS and MSD recovery limits are not specified in Appendix G of the DOD QSM V4.1; therefore, the established laboratory limits should be used. The laboratory QC limits for EDB and DBCP are 60-140%; RPD≤40%. The DoD QSM V4.1 MS/MSD precision RPD criterion is ≤30%.

- Sample SS008 MW-4 (770693) was used for the MS/MSD analysis for compounds EDB and DBCP performed on 02/16/10. All criteria were met for these compounds. No qualifiers were applied. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this MS/MSD.

VII-System Monitoring Compounds (Surrogates)
Laboratory performance on individual samples is evaluated through the review of surrogate spike samples. Recoveries for system monitoring compounds in volatile samples and blanks must be within the specified control limits.

Criteria: 1,2-Dibromopropane (70-130%) – (DoD QSM Criteria: None Listed)

- All criteria were met for all runs. No qualifiers were applied.

VIII-Field Duplicate Sample Analysis
Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were qualified rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 50% RPD for the aqueous samples.

- No field groundwater sample duplicate pair was collected for this SDG for VOCs; therefore, not evaluated.

IX-Quantitation Verification
The accuracy of analytical results is verified through the calculation of several parameters. The percent difference (%D) between the calculated and the reported values should be within 10%. Any sample value >MDL and <MRL or <3*MDL (whichever is greater) was qualified as estimated, "J."

Sample: SS008 MW-4-MS (770693MS), Ethylene dibromide

$y = mx + b$
where: x is the response area
m is the slope
y is the amount or concentration of analyte (µg/L)
b is a constant

x (area) = (Sample Area) = 1995957

m = 8.97009e-008 b = -0.0231585 DF = 1

y = 8.97009e-008 * (1995957) - 0.0231585

y = 0.15588 µg/L = 0.156 µg/L

Reported Conc. = 0.156 µg/L
%D = 0.0%
Values were within 10% difference.

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

CT LABORATORIES
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Sample Description: LF003 MW-1

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/L)	CTL Sample ID:	770686
% Solids:		Date Received:	02/12/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	64701	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	02/16/2010	14:10	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	02/16/2010	14:10	0.090	U	0.030	0.090

CT LABORATORIES
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Sample Description: LF003 MW-2

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/L)	CTL Sample ID:	770692
% Solids:		Date Received:	02/12/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	64701	Dilution Factor:	1.00
Cleanup Date/Time/Type:			
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	02/16/2010	13:56	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	02/16/2010	13:56	0.090	U	0.030	0.090

Form I Copy

CT LABORATORIES
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Sample Description: SS008 MW-4

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/L)	CTL Sample ID:	770693
% Solids:		Date Received:	02/12/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	64701	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	02/16/2010	14:36	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	02/16/2010	14:36	0.090	U	0.030	0.090

CT LABORATORIES
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Sample Description: TRIP BLANK

1B

SEMIVOLATILE ORGANICS ANALYSIS

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	77528
Sample wt/vol:	(g/L)	CTL Sample ID:	770716
% Solids:		Date Received:	02/12/2010
Conc. Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8011	Analytical Prep Batch #	
Analytical Run #:	64701	Dilution Factor:	1.00
Cleanup Date/Time/Type:	, ,		
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
		Concentration Units:	ug/L

CAS NO.	Analyte	Analysis Date/Time		Concentration	Qualifiers	LOD/DL	RL
96-12-8	1,2-Dibromo-3-chloropropane	02/16/2010	14:23	0.090	U	0.030	0.090
106-93-4	1,2-Dibromoethane	02/16/2010	14:23	0.090	U	0.030	0.090

Shaw Environmental, Inc.
2113 Emmorton Park Road
Edgewood, Maryland
410-612-6350
FAX: 410-612-6351

Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation - Volatiles
CT Laboratories, Inc., SDG 77528

DATE: March 22, 2010

The purpose of this memorandum is to present the data validation report for the samples collected for the NBAFS RI/FS Sites on February 11, 2010. The samples were analyzed for volatile organic compounds (VOCs) using USEPA SW846 Method 5030B/8260B. A total of four aqueous field samples were validated. The sample IDs are:

Field Sample ID	Lab Sample ID	Field Sample ID	Lab Sample ID
LF003 MW-1	770686	SS008 MW-4	770693
LF003 MW-2	770692	TRIP BLANK	770716

Data were reviewed by Eric Malarek and validated using a combination of project QAPP, *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April, 2009* (DoD, 2009) (DoD QSM), method-specific criteria, and laboratory SOP criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999). Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	No	
	X	Holding Times and Preservation
	X	Instrument Performance Results
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analysis
	X	Laboratory Control Sample
X		Matrix Spike/ Spike Duplicate Sample
	X	System Monitoring Compounds
	X	Internal Standards
	X	Field Sample Duplicate
	X	Quantitation Verification

The quality of data collected in support of this sampling activity is considered acceptable with the noted qualifications.

Eric Malarek, Chemist

3/22/10
Date

NBAFS RI/FS VALIDATION REPORT
VOLATILES REVIEW
SDG 77528

I-Holding Times and Preservation
The objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of analysis. Holding time criteria: For aqueous samples cooled @ 4°C ± 2°C; pH<2 HCl, the maximum holding time is 14 days from sample collection to analysis (USEPA criteria).

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 02/11/10, the cooler was received on 02/12/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C. The 1,4-dioxane was received on by the secondary laboratory (Accutest) on 02/16/10 at 1.7°C. The secondary lab temperature was slightly below criteria; however, no impacts resulted from this outlier. All criteria were met for the primary laboratory. No qualifiers were applied based upon this outlier.

- Holding Time Review: The aqueous samples were collected for VOCs on 02/11/10. All samples were analyzed on 02/16/10 and 02/18/10 (for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol). Sample collection dates may be found on the attached form 1s. All criteria were met. No qualifiers were applied.

II-Instrument Performance Check
The analysis of the instrument performance check solution must be performed at the beginning of each 12-hour period during which samples are analyzed.

- The instrument performance check, bromofluorobenzene (BFB), met the ion abundance criteria. No qualification was applied.

III-Initial Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used is capable of producing acceptable qualitative and quantitative data for volatile target compounds. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. The RRF must be greater than 0.1 for chloromethane, 1,1-dichloroethane, and bromoform and greater than 0.3 for 1,1,2,2-tetrachloroethane and chlorobenzene. The minimum relative response factor (RRF) must be ≥0.05 for all other compounds. Percent relative standard deviation (%RSD) must be ≤15% for each target compound and must be ≤30% for each calibration check compound. For compounds analyzed using linear regression, correlation coefficients must be r≥0.995 (coefficient of determination r^2≥0.99 for higher order).

- For initial calibration performed on 02/10/10 on instrument VMS1, all target compounds were within criteria (%RSD≤15% or ≤30%; RRF≥0.05). Compounds dichlorodifluoromethane (r=0.997; linear), acetone (r=0.996; linear), chloromethane (r=0.998; linear), 2-butanone (r=0.996; linear), tetrahydrofuran (r=0.995; linear), bromoform (r=0.996; linear), hexachlorobutadiene (r=0.998; linear), and naphthalene (r=0.996; linear) were quantified using linear regression with correlation coefficient ≥0.995. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) were analyzed using this initial calibration.

- For initial calibration for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol performed on 02/17/10 on instrument VMS1, all target compounds were within criteria (%RSD≤15% or ≤30%; RRF≥0.05). Compounds bromomethane (r=0.990; linear) and bromoform (r=0.997; linear) were quantified using linear regression with correlation coefficient ≥0.995; except for bromomethane. Bromomethane was quantified using the 02/10/10 initial calibration; therefore, no qualifiers were applied based upon this outlier. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) were analyzed using this initial calibration.

IV-Continuing Calibration

Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used is capable of producing acceptable qualitative and quantitative data for volatile target compounds. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis. The RRF must be greater than 0.1 for chloromethane, 1,1-dichloroethane, and bromoform and greater than 0.3 for 1,1,2,2-tetrachloroethane and chlorobenzene. The minimum relative response factor (RRF) must be ≥0.05 for all other compounds. The percent difference (%D) or percent drift (for linear regression or second order) between the initial calibration RRF and the continuing calibration RRF must be within 20% for all target compounds.

- For continuing calibration performed on 02/16/10 @12:25 on instrument VMS1, all criteria were met for all target compounds (%D≤20%; %Drift≤20%; RRF≥0.05). No qualifiers were applied. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this continuing calibration.

- For continuing calibration for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol performed on 02/18/10 @10:03 on instrument VMS1, all criteria were met for these target compounds (%D≤20%; %Drift≤20%; RRF≥0.05). Bromomethane (-33.9%) was outside criteria; however, was quantified using the 02/16/10 continuing calibration; therefore, no qualifiers were applied based upon this outlier. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this continuing calibration.

V-Blank Analysis

The purpose of blank analyses is to determine the presence and magnitude of contamination problems resulting from field and laboratory activities. A method blank analysis must be performed after the calibration standards and once every 12-hour time period beginning with the injection of BFB. No contaminants should be detected in any of the associated blanks > the MDL. DoD QSM criteria specifies all concentrations should be less than one-half MRL (<MRL for common laboratory contaminants methylene chloride, acetone, and 2-butanone). Positive sample results are reported and qualified "U", if the concentration of the compound in the sample is ≤10 times (10x) the maximum amount in any blank for the common laboratory contaminants methylene chloride, acetone, and 2-butanone, or 5 times (5x) the maximum amount for other volatile target compounds. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor of one. The trip blank TRIP BLANK (770716) applies to all groundwater samples collected on 02/11/10. No equipment blank was required.

Table 2 Blank Contamination Analysis Summary

Analysis Date	QC Blank ID	Compound	Max Conc. µg/L	Action Level µg/L	U qualified samples (This SDG)
02/16/10	MBW771207	All target <½MRL	NA	NA	None
02/18/10	MBW771693	All target <½MRL	NA	NA	None
02/16/10	TRIP BLANK	chloromethane	0.62	3.10	None
02/18/10	TRIP BLANK	All target <½MRL	NA	NA	None

MRL = Method Reporting Limit
NA = Not Applicable

VI-Laboratory Control Sample
Data for laboratory control samples (LCS) are evaluated to determine long-term accuracy of the analytical method on various matrices. Percent recoveries (%Rs) should be within the specified control limits. DoD LCS recovery limits are specified in Table G-4 of the DoD QSM (DoD, 2009).

- Sample LCSW771062 was used as the LCS for the VOC analysis on 02/16/10. All criteria were met. No qualifiers were applied. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this LCS.

- Sample LCSW771693 was used as the LCS for the VOC analysis for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol on 02/18/10. All criteria were met. No qualifiers were applied. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this LCS.

VII-Matrix Spike/Matrix Spike Duplicate
Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The percent recoveries (%Rs) and the relative percent difference (RPD) must be within the specified control limits. DoD MS and MSD recovery limits use the LCS criteria specified in Table G-4 of the DoD QSM (DoD, 2009). The DoD MS/MSD precision RPD criteria is ≤30%.

- Sample SS008 MW-4 (770693) was used for the MS/MSD analysis performed on 02/16/10. Target compounds 1,2,4-trimethylbenzene (63%), 1,3,5-trimethylbenzene (62%), acetone (0%; RPD=200%), and styrene (42%; RPD=49%) were outside criteria limits. For all other target compounds, all criteria were met. The associated LCS was within the recovery limits for all target compounds for the 02/16/10 run. Compounds 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, and styrene were qualified estimated "J" for detects and "UJ" for non-detects based upon the low recoveries for the MS and the MSD. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this MS/MSD.

- Sample SS008 MW-4 (770693) was used for the MS/MSD analysis for compounds tert-butyl ethyl ether, tert-amyl methyl ether, ethyl ether, 1,3,5-trichlorobenzene, and tert-butyl alcohol performed on 02/18/10. All criteria were met for these compounds. No qualifiers were applied. Samples LF003 MW-1 (770686), LF003 MW-2 (770692), SS008 MW-4 (770693), and TRIP BLANK (770716) apply to this MS/MSD.

VIII-System Monitoring Compounds (Surrogates)
Laboratory performance on individual samples is evaluated through the review of surrogate spike samples. Recoveries for system monitoring compounds in volatile samples and blanks must be within the specified control limits.

Criteria: 1,2-Dichloroethane-d4 (70-120%) – (DoD QSM Criteria: 70-120%)
4-Bromofluorobenzene (75-120%) – (DoD QSM Criteria: 75-120%)
Toluene-d8 (85-120%) – (DoD QSM Criteria: 85-120%)
Dibromofluoromethane (85-115%) – (DoD QSM Criteria: 85-115%)

- All criteria were met for all runs. No qualifiers were applied.

IX-Internal Standards (IS)
Internal standards performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run. Specific criteria include: area counts (-50% to +100%) of the associated calibration standard, and retention time (± 30 seconds) from that of the associated calibration standard.

- All criteria were met for all runs. No qualifiers were applied.

X-Field Duplicate Sample Analysis
Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were qualified rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 50% RPD for the aqueous samples.

- No field groundwater sample duplicate pair was collected for this SDG for VOCs; therefore, not evaluated.

XI-Quantitation Verification
The accuracy of analytical results is verified through the calculation of several parameters. The percent difference (%D) between the calculated and the reported values should be within 10%. Any sample value >MDL and <MRL or <3*MDL (whichever is greater) was qualified as estimated, "J."

Sample: LF003 MW-1 (770686), 1,2,4-Trimethylbenzene

Conc. (µg/L) = (Ax)*(Is) *(DF) / (Ais)*(RRF)

where: Ax is the compound area
Ais is the corresponding internal standard area
Is is the corresponding internal standard concentration (µg/L)
DF is the dilution factor
RRF is the relative response factor.

Conc. µg/L = (6185185 * 4.0 µg/L * 10) / (605267 * 2.578) = 160 µg/L

Reported Conc. = 160 µg/L
%D = 0.0%
Values were within 10% difference.

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

Form I Copy

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1A

VOLATILE ORGANICS ANALYSIS

Sample Description: LF003 MW-1

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770686
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	10.00
Date & Time Analyzed:	02/16/2010 / 17:15	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	0.50	N/A	N/A	2.0
71-55-6	1,1,1-Trichloroethane	0.50	U	0.50	N/A	N/A	2.0
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	0.19	N/A	N/A	2.0
79-00-5	1,1,2-Trichloroethane	0.60	U	0.60	N/A	N/A	2.0
75-34-3	1,1-Dichloroethane	0.60	U	0.60	N/A	N/A	2.0
75-35-4	1,1-Dichloroethene	0.50	U	0.50	N/A	N/A	2.0
563-58-6	1,1-Dichloropropene	0.40	U	0.40	N/A	N/A	2.0
87-61-6	1,2,3-Trichlorobenzene	0.70	U	0.70	N/A	N/A	2.2
96-18-4	1,2,3-Trichloropropane	0.30	U	0.30	N/A	N/A	2.0
120-82-1	1,2,4-Trichlorobenzene	0.60	U	0.60	N/A	N/A	2.0
95-63-6	1,2,4-Trimethylbenzene	160	J	0.27	N/A	N/A	2.0
95-50-1	1,2-Dichlorobenzene	0.50	U	0.50	N/A	N/A	2.0
107-06-2	1,2-Dichloroethane	0.30	U	0.30	N/A	N/A	2.0
78-87-5	1,2-Dichloropropane	0.50	U	0.50	N/A	N/A	2.0
108-67-8	1,3,5-Trimethylbenzene	60	J	0.24	N/A	N/A	2.0
541-73-1	1,3-Dichlorobenzene	0.27	U	0.27	N/A	N/A	2.0
142-28-9	1,3-Dichloropropane	0.70	U	0.70	N/A	N/A	2.5
106-46-7	1,4-Dichlorobenzene	0.40	U	0.40	N/A	N/A	2.0
544-10-5	1-Chlorohexane	0.40	U	0.40	N/A	N/A	2.0
594-20-7	2,2-Dichloropropane	0.30	U	0.30	N/A	N/A	2.0
78-93-3	2-Butanone	6.0	U	6.0	N/A	N/A	20
95-49-8	2-Chlorotoluene	0.40	U	0.40	N/A	N/A	2.0
591-78-6	2-Hexanone	16	U	16	N/A	N/A	52
106-43-4	4-Chlorotoluene	0.50	U	0.50	N/A	N/A	2.0

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1A

VOLATILE ORGANICS ANALYSIS

Sample Description: LF003 MW-1

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770686
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	10.00
Date & Time Analyzed:	02/16/2010 / 17:15	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	8.0	U	8.0	N/A	N/A	28
67-64-1	Acetone	15	U UJ	15	N/A	N/A	52
71-43-2	Benzene	0.50	U	0.50	N/A	N/A	2.0
108-86-1	Bromobenzene	0.70	U	0.70	N/A	N/A	2.2
74-97-5	Bromochloromethane	0.28	U	0.28	N/A	N/A	2.0
75-27-4	Bromodichloromethane	0.30	U	0.30	N/A	N/A	2.0
75-25-2	Bromoform	0.40	U	0.40	N/A	N/A	2.0
74-83-9	Bromomethane	0.70	U	0.70	N/A	N/A	2.5
75-15-0	Carbon disulfide	0.90	U	0.90	N/A	N/A	3.1
56-23-5	Carbon tetrachloride	0.22	U	0.22	N/A	N/A	2.0
108-90-7	Chlorobenzene	0.40	U	0.40	N/A	N/A	2.0
75-00-3	Chloroethane	0.70	U	0.70	N/A	N/A	2.3
67-66-3	Chloroform	0.22	U	0.22	N/A	N/A	2.0
74-87-3	Chloromethane	0.50	U	0.50	N/A	N/A	2.0
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	N/A	N/A	2.0
10061-01-5	cis-1,3-Dichloropropene	0.17	U	0.17	N/A	N/A	2.0
124-48-1	Dibromochloromethane	0.26	U	0.26	N/A	N/A	2.0
74-95-3	Dibromomethane	0.60	U	0.60	N/A	N/A	2.1
75-71-8	Dichlorodifluoromethane	0.30	U	0.30	N/A	N/A	2.0
108-20-3	Diisopropyl ether	0.6	U	0.6	N/A	N/A	2
100-41-4	Ethylbenzene	0.24	U	0.24	N/A	N/A	2.0
87-68-3	Hexachlorobutadiene	0.50	U	0.50	N/A	N/A	2.0
98-82-8	Isopropylbenzene	10		0.40	N/A	N/A	2.0
1330-20-7	m & p-Xylene	15		0.80	N/A	N/A	2.6

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003 MW-1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770686
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	10.00
Date & Time Analyzed:	02/16/2010 / 17:15	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.80	U	0.80	N/A	N/A	2.6
75-09-2	Methylene chloride	1.8	U	1.8	N/A	N/A	5.9
91-20-3	Naphthalene	9.9		0.50	N/A	N/A	2.0
104-51-8	n-Butylbenzene	39		0.22	N/A	N/A	2.0
103-65-1	n-Propylbenzene	42		0.22	N/A	N/A	2.0
95-47-6	o-Xylene	13		0.23	N/A	N/A	2.0
99-87-6	p-Isopropyltoluene	3.2		0.40	N/A	N/A	2.0
135-98-8	sec-Butylbenzene	9.4		0.19	N/A	N/A	2.0
100-42-5	Styrene	0.22	U UJ	0.22	N/A	N/A	2.0
98-06-6	tert-Butylbenzene	0.21	U	0.21	N/A	N/A	2.0
127-18-4	Tetrachloroethene	0.50	U	0.50	N/A	N/A	2.0
109-99-9	Tetrahydrofuran	14	U	14	N/A	N/A	46
108-88-3	Toluene	0.60	U	0.60	N/A	N/A	2.0
156-60-5	trans-1,2-Dichloroethene	0.60	U	0.60	N/A	N/A	2.1
10061-02-6	trans-1,3-Dichloropropene	0.17	U	0.17	N/A	N/A	2.0
79-01-6	Trichloroethene	0.50	U	0.50	N/A	N/A	2.0
75-69-4	Trichlorofluoromethane	0.60	U	0.60	N/A	N/A	2.0
75-01-4	Vinyl chloride	0.13	U	0.13	N/A	N/A	2.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003 MW-1**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770686
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64674	Dilution Factor:	1.00
Date & Time Analyzed:	02/18/2010 / 14:10	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	N/A	N/A	1.1
60-29-7	Ethyl ether	0.30	U	0.30	N/A	N/A	0.99
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	N/A	N/A	1.0
75-65-0	Tert-butyl alcohol	6.0	U	6.0	N/A	N/A	20
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	N/A	N/A	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003 MW-2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770692
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	1.00
Date & Time Analyzed:	02/16/2010 / 15:55	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.050	U	0.050	N/A	N/A	0.20
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	N/A	N/A	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.019	U	0.019	N/A	N/A	0.20
79-00-5	1,1,2-Trichloroethane	0.060	U	0.060	N/A	N/A	0.20
75-34-3	1,1-Dichloroethane	0.060	U	0.060	N/A	N/A	0.20
75-35-4	1,1-Dichloroethene	0.050	U	0.050	N/A	N/A	0.20
563-58-6	1,1-Dichloropropene	0.040	U	0.040	N/A	N/A	0.20
87-61-6	1,2,3-Trichlorobenzene	0.070	U	0.070	N/A	N/A	0.22
96-18-4	1,2,3-Trichloropropane	0.030	U	0.030	N/A	N/A	0.20
120-82-1	1,2,4-Trichlorobenzene	0.060	U	0.060	N/A	N/A	0.20
95-63-6	1,2,4-Trimethylbenzene	0.027	U UJ	0.027	N/A	N/A	0.20
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	N/A	N/A	0.20
107-06-2	1,2-Dichloroethane	0.030	U	0.030	N/A	N/A	0.20
78-87-5	1,2-Dichloropropane	0.050	U	0.050	N/A	N/A	0.20
108-67-8	1,3,5-Trimethylbenzene	0.024	U UJ	0.024	N/A	N/A	0.20
541-73-1	1,3-Dichlorobenzene	0.027	U	0.027	N/A	N/A	0.20
142-28-9	1,3-Dichloropropane	0.070	U	0.070	N/A	N/A	0.25
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	N/A	N/A	0.20
544-10-5	1-Chlorohexane	0.040	U	0.040	N/A	N/A	0.20
594-20-7	2,2-Dichloropropane	0.030	U	0.030	N/A	N/A	0.20
78-93-3	2-Butanone	0.60	U	0.60	N/A	N/A	2.0
95-49-8	2-Chlorotoluene	0.040	U	0.040	N/A	N/A	0.20
591-78-6	2-Hexanone	1.6	U	1.6	N/A	N/A	5.2
106-43-4	4-Chlorotoluene	0.050	U	0.050	N/A	N/A	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003 MW-2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770692
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	1.00
Date & Time Analyzed:	02/16/2010 / 15:55	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	-4-Methyl-2-pentanone	0.80	U	0.80	N/A	N/A	2.8
67-64-1	Acetone	1.5	U UJ	1.5	N/A	N/A	5.2
71-43-2	Benzene	0.050	U	0.050	N/A	N/A	0.20
108-86-1	Bromobenzene	0.070	U	0.070	N/A	N/A	0.22
74-97-5	Bromochloromethane	0.028	U	0.028	N/A	N/A	0.20
75-27-4	Bromodichloromethane	0.030	U	0.030	N/A	N/A	0.20
75-25-2	Bromoform	0.040	U	0.040	N/A	N/A	0.20
74-83-9	Bromomethane	0.070	U	0.070	N/A	N/A	0.25
75-15-0	Carbon disulfide	0.090	U	0.090	N/A	N/A	0.31
56-23-5	Carbon tetrachloride	0.022	U	0.022	N/A	N/A	0.20
108-90-7	Chlorobenzene	0.040	U	0.040	N/A	N/A	0.20
75-00-3	Chloroethane	0.070	U	0.070	N/A	N/A	0.23
67-66-3	Chloroform	0.022	U	0.022	N/A	N/A	0.20
74-87-3	Chloromethane	0.050	U	0.050	N/A	N/A	0.20
156-59-2	cis-1,2-Dichloroethene	0.050	U	0.050	N/A	N/A	0.20
10061-01-5	cis-1,3-Dichloropropene	0.017	U	0.017	N/A	N/A	0.20
124-48-1	Dibromochloromethane	0.026	U	0.026	N/A	N/A	0.20
74-95-3	Dibromomethane	0.060	U	0.060	N/A	N/A	0.21
75-71-8	Dichlorodifluoromethane	0.030	U	0.030	N/A	N/A	0.20
108-20-3	Diisopropyl ether	0.06	U	0.06	N/A	N/A	0.2
100-41-4	Ethylbenzene	0.024	U	0.024	N/A	N/A	0.20
87-68-3	Hexachlorobutadiene	0.050	U	0.050	N/A	N/A	0.20
98-82-8	Isopropylbenzene	0.040	U	0.040	N/A	N/A	0.20
1330-20-7	m & p-Xylene	0.080	U	0.080	N/A	N/A	0.26

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003 MW-2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770692
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	1.00
Date & Time Analyzed:	02/16/2010 / 15:55	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	5.3		0.080	N/A	N/A	0.26
75-09-2	Methylene chloride	0.18	U	0.18	N/A	N/A	0.59
91-20-3	Naphthalene	0.050	U	0.050	N/A	N/A	0.20
104-51-8	n-Butylbenzene	0.022	U	0.022	N/A	N/A	0.20
103-65-1	n-Propylbenzene	0.022	U	0.022	N/A	N/A	0.20
95-47-6	o-Xylene	0.023	U	0.023	N/A	N/A	0.20
99-87-6	p-Isopropyltoluene	0.040	U	0.040	N/A	N/A	0.20
135-98-8	sec-Butylbenzene	0.019	U	0.019	N/A	N/A	0.20
100-42-5	Styrene	0.022	U UJ	0.022	N/A	N/A	0.20
98-06-6	tert-Butylbenzene	0.021	U	0.021	N/A	N/A	0.20
127-18-4	Tetrachloroethene	0.050	U	0.050	N/A	N/A	0.20
109-99-9	Tetrahydrofuran	1.4	U	1.4	N/A	N/A	4.6
108-88-3	Toluene	0.24		0.060	N/A	N/A	0.20
156-60-5	trans-1,2-Dichloroethene	0.060	U	0.060	N/A	N/A	0.21
10061-02-6	trans-1,3-Dichloropropene	0.017	U	0.017	N/A	N/A	0.20
79-01-6	Trichloroethene	0.050	U	0.050	N/A	N/A	0.20
75-69-4	Trichlorofluoromethane	0.060	U	0.060	N/A	N/A	0.20
75-01-4	Vinyl chloride	0.013	U	0.013	N/A	N/A	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **LF003 MW-2**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770692
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64674	Dilution Factor:	1.00
Date & Time Analyzed:	02/18/2010 / 12:47	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	N/A	N/A	1.1
60-29-7	Ethyl ether	0.30	U	0.30	N/A	N/A	0.99
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	N/A	N/A	1.0
75-65-0	Tert-butyl alcohol	6.0	U	6.0	N/A	N/A	20
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	N/A	N/A	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008 MW-4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770693
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	1.00
Date & Time Analyzed:	02/16/2010 / 16:34	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.050	U	0.050	N/A	N/A	0.20
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	N/A	N/A	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.019	U	0.019	N/A	N/A	0.20
79-00-5	1,1,2-Trichloroethane	0.060	U	0.060	N/A	N/A	0.20
75-34-3	1,1-Dichloroethane	0.060	U	0.060	N/A	N/A	0.20
75-35-4	1,1-Dichloroethene	0.050	U	0.050	N/A	N/A	0.20
563-58-6	1,1-Dichloropropene	0.040	U	0.040	N/A	N/A	0.20
87-61-6	1,2,3-Trichlorobenzene	0.070	U	0.070	N/A	N/A	0.22
96-18-4	1,2,3-Trichloropropane	0.030	U	0.030	N/A	N/A	0.20
120-82-1	1,2,4-Trichlorobenzene	0.060	U	0.060	N/A	N/A	0.20
95-63-6	1,2,4-Trimethylbenzene	0.027	U M VJ	0.027	N/A	N/A	0.20
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	N/A	N/A	0.20
107-06-2	1,2-Dichloroethane	0.030	U	0.030	N/A	N/A	0.20
78-87-5	1,2-Dichloropropane	0.050	U	0.050	N/A	N/A	0.20
108-67-8	1,3,5-Trimethylbenzene	0.024	U M VJ	0.024	N/A	N/A	0.20
541-73-1	1,3-Dichlorobenzene	0.027	U	0.027	N/A	N/A	0.20
142-28-9	1,3-Dichloropropane	0.070	U	0.070	N/A	N/A	0.25
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	N/A	N/A	0.20
544-10-5	1-Chlorohexane	0.040	U	0.040	N/A	N/A	0.20
594-20-7	2,2-Dichloropropane	0.030	U	0.030	N/A	N/A	0.20
78-93-3	2-Butanone	0.60	U	0.60	N/A	N/A	2.0
95-49-8	2-Chlorotoluene	0.040	U	0.040	N/A	N/A	0.20
591-78-6	2-Hexanone	1.6	U	1.6	N/A	N/A	5.2
106-43-4	4-Chlorotoluene	0.050	U	0.050	N/A	N/A	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008 MW-4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770693
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	1.00
Date & Time Analyzed:	02/16/2010 / 16:34	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/

Concentration Units: ug/L

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.80	U	0.80	N/A	N/A	2.8
67-64-1	Acetone	1.5	U M UJ	1.5	N/A	N/A	5.2
71-43-2	Benzene	0.050	U	0.050	N/A	N/A	0.20
108-86-1	Bromobenzene	0.070	U	0.070	N/A	N/A	0.22
74-97-5	Bromochloromethane	0.028	U	0.028	N/A	N/A	0.20
75-27-4	Bromodichloromethane	0.030	U	0.030	N/A	N/A	0.20
75-25-2	Bromoform	0.040	U	0.040	N/A	N/A	0.20
74-83-9	Bromomethane	0.070	U	0.070	N/A	N/A	0.25
75-15-0	Carbon disulfide	0.090	U	0.090	N/A	N/A	0.31
56-23-5	Carbon tetrachloride	0.022	U	0.022	N/A	N/A	0.20
108-90-7	Chlorobenzene	0.040	U	0.040	N/A	N/A	0.20
75-00-3	Chloroethane	0.070	U	0.070	N/A	N/A	0.23
67-66-3	Chloroform	0.022	U	0.022	N/A	N/A	0.20
74-87-3	Chloromethane	0.050	U	0.050	N/A	N/A	0.20
156-59-2	cis-1,2-Dichloroethene	0.050	U	0.050	N/A	N/A	0.20
10061-01-5	cis-1,3-Dichloropropene	0.017	U	0.017	N/A	N/A	0.20
124-48-1	Dibromochloromethane	0.026	U	0.026	N/A	N/A	0.20
74-95-3	Dibromomethane	0.060	U	0.060	N/A	N/A	0.21
75-71-8	Dichlorodifluoromethane	0.030	U	0.030	N/A	N/A	0.20
108-20-3	Diisopropyl ether	0.06	U	0.06	N/A	N/A	0.2
100-41-4	Ethylbenzene	0.024	U	0.024	N/A	N/A	0.20
87-68-3	Hexachlorobutadiene	0.050	U	0.050	N/A	N/A	0.20
98-82-8	Isopropylbenzene	0.040	U	0.040	N/A	N/A	0.20
1330-20-7	m & p-Xylene	0.56		0.080	N/A	N/A	0.26

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VOLATILE ORGANICS ANALYSIS

Sample Description: **SS008 MW-4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770693
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	1.00
Date & Time Analyzed:	02/16/2010 / 16:34	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1634-04-4	Methyl tert-butyl ether	0.080	U	0.080	N/A	N/A	0.26
75-09-2	Methylene chloride	0.18	U	0.18	N/A	N/A	0.59
91-20-3	Naphthalene	0.050	U	0.050	N/A	N/A	0.20
104-51-8	n-Butylbenzene	0.022	U	0.022	N/A	N/A	0.20
103-65-1	n-Propylbenzene	0.022	U	0.022	N/A	N/A	0.20
95-47-6	o-Xylene	0.023	U	0.023	N/A	N/A	0.20
99-87-6	p-Isopropyltoluene	0.040	U	0.040	N/A	N/A	0.20
135-98-8	sec-Butylbenzene	0.019	U	0.019	N/A	N/A	0.20
100-42-5	Styrene	0.022	U M VJ	0.022	N/A	N/A	0.20
98-06-6	tert-Butylbenzene	0.021	U	0.021	N/A	N/A	0.20
127-18-4	Tetrachloroethene	0.050	U	0.050	N/A	N/A	0.20
109-99-9	Tetrahydrofuran	1.4	U	1.4	N/A	N/A	4.6
108-88-3	Toluene	0.23		0.060	N/A	N/A	0.20
156-60-5	trans-1,2-Dichloroethene	0.060	U	0.060	N/A	N/A	0.21
10061-02-6	trans-1,3-Dichloropropene	0.017	U	0.017	N/A	N/A	0.20
79-01-6	Trichloroethene	0.050	U	0.050	N/A	N/A	0.20
75-69-4	Trichlorofluoromethane	0.060	U	0.060	N/A	N/A	0.20
75-01-4	Vinyl chloride	0.013	U	0.013	N/A	N/A	0.20

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Sample Description: **SS008 MW-4**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	GROUND WATER	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770693
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64674	Dilution Factor:	1.00
Date & Time Analyzed:	02/18/2010 / 13:29	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	N/A	N/A	1.1
60-29-7	Ethyl ether	0.30	U	0.30	N/A	N/A	0.99
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	N/A	N/A	1.0
75-65-0	Tert-butyl alcohol	6.0	U	6.0	N/A	N/A	20
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	N/A	N/A	1.0

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VOLATILE ORGANICS ANALYSIS

Sample Description: **TRIP BLANK**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770716
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	1.00
Date & Time Analyzed:	02/16/2010 / 15:15	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
630-20-6	1,1,1,2-Tetrachloroethane	0.050	U	0.050	N/A	N/A	0.20
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	N/A	N/A	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.019	U	0.019	N/A	N/A	0.20
79-00-5	1,1,2-Trichloroethane	0.060	U	0.060	N/A	N/A	0.20
75-34-3	1,1-Dichloroethane	0.060	U	0.060	N/A	N/A	0.20
75-35-4	1,1-Dichloroethene	0.050	U	0.050	N/A	N/A	0.20
563-58-6	1,1-Dichloropropene	0.040	U	0.040	N/A	N/A	0.20
87-61-6	1,2,3-Trichlorobenzene	0.070	U	0.070	N/A	N/A	0.22
96-18-4	1,2,3-Trichloropropane	0.030	U	0.030	N/A	N/A	0.20
120-82-1	1,2,4-Trichlorobenzene	0.060	U	0.060	N/A	N/A	0.20
95-63-6	1,2,4-Trimethylbenzene	0.027	U UJ	0.027	N/A	N/A	0.20
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	N/A	N/A	0.20
107-06-2	1,2-Dichloroethane	0.030	U	0.030	N/A	N/A	0.20
78-87-5	1,2-Dichloropropane	0.050	U	0.050	N/A	N/A	0.20
108-67-8	1,3,5-Trimethylbenzene	0.024	U UJ	0.024	N/A	N/A	0.20
541-73-1	1,3-Dichlorobenzene	0.027	U	0.027	N/A	N/A	0.20
142-28-9	1,3-Dichloropropane	0.070	U	0.070	N/A	N/A	0.25
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	N/A	N/A	0.20
544-10-5	1-Chlorohexane	0.040	U	0.040	N/A	N/A	0.20
594-20-7	2,2-Dichloropropane	0.030	U	0.030	N/A	N/A	0.20
78-93-3	2-Butanone	0.60	U	0.60	N/A	N/A	2.0
95-49-8	2-Chlorotoluene	0.040	U	0.040	N/A	N/A	0.20
591-78-6	2-Hexanone	1.6	U	1.6	N/A	N/A	5.2
106-43-4	4-Chlorotoluene	0.050	U	0.050	N/A	N/A	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **TRIP BLANK**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770716
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	1.00
Date & Time Analyzed:	02/16/2010 / 15:15	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-10-1	4-Methyl-2-pentanone	0.80	U	0.80	N/A	N/A	2.8
67-64-1	Acetone	1.5	U UJ	1.5	N/A	N/A	5.2
71-43-2	Benzene	0.050	U	0.050	N/A	N/A	0.20
108-86-1	Bromobenzene	0.070	U	0.070	N/A	N/A	0.22
74-97-5	Bromochloromethane	0.028	U	0.028	N/A	N/A	0.20
75-27-4	Bromodichloromethane	0.030	U	0.030	N/A	N/A	0.20
75-25-2	Bromoform	0.040	U	0.040	N/A	N/A	0.20
74-83-9	Bromomethane	0.070	U	0.070	N/A	N/A	0.25
75-15-0	Carbon disulfide	0.090	U	0.090	N/A	N/A	0.31
56-23-5	Carbon tetrachloride	0.022	U	0.022	N/A	N/A	0.20
108-90-7	Chlorobenzene	0.040	U	0.040	N/A	N/A	0.20
75-00-3	Chloroethane	0.070	U	0.070	N/A	N/A	0.23
67-66-3	Chloroform	0.022	U	0.022	N/A	N/A	0.20
74-87-3	Chloromethane	0.62		0.050	N/A	N/A	0.20
156-59-2	cis-1,2-Dichloroethene	0.050	U	0.050	N/A	N/A	0.20
10061-01-5	cis-1,3-Dichloropropene	0.017	U	0.017	N/A	N/A	0.20
124-48-1	Dibromochloromethane	0.026	U	0.026	N/A	N/A	0.20
74-95-3	Dibromomethane	0.060	U	0.060	N/A	N/A	0.21
75-71-8	Dichlorodifluoromethane	0.030	U	0.030	N/A	N/A	0.20
108-20-3	Diisopropyl ether	0.06	U	0.06	N/A	N/A	0.2
100-41-4	Ethylbenzene	0.024	U	0.024	N/A	N/A	0.20
76-13-1	Freon 113	0.027	U	0.027	N/A	N/A	0.20
87-68-3	Hexachlorobutadiene	0.050	U	0.050	N/A	N/A	0.20
98-82-8	Isopropylbenzene	0.040	U	0.040	N/A	N/A	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **TRIP BLANK**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770716
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64673	Dilution Factor:	1.00
Date & Time Analyzed:	02/16/2010 / 15:15	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
1330-20-7	m & p-Xylene	0.080	U	0.080	N/A	N/A	0.26
1634-04-4	Methyl tert-butyl ether	0.080	U	0.080	N/A	N/A	0.26
75-09-2	Methylene chloride	0.18	U	0.18	N/A	N/A	0.59
91-20-3	Naphthalene	0.050	U	0.050	N/A	N/A	0.20
104-51-8	n-Butylbenzene	0.022	U	0.022	N/A	N/A	0.20
103-65-1	n-Propylbenzene	0.022	U	0.022	N/A	N/A	0.20
95-47-6	o-Xylene	0.023	U	0.023	N/A	N/A	0.20
99-87-6	p-Isopropyltoluene	0.040	U	0.040	N/A	N/A	0.20
135-98-8	sec-Butylbenzene	0.019	U	0.019	N/A	N/A	0.20
100-42-5	Styrene	0.022	U UJ	0.022	N/A	N/A	0.20
98-06-6	tert-Butylbenzene	0.021	U	0.021	N/A	N/A	0.20
127-18-4	Tetrachloroethene	0.050	U	0.050	N/A	N/A	0.20
109-99-9	Tetrahydrofuran	1.4	U	1.4	N/A	N/A	4.6
108-88-3	Toluene	0.060	U	0.060	N/A	N/A	0.20
156-60-5	trans-1,2-Dichloroethene	0.060	U	0.060	N/A	N/A	0.21
10061-02-6	trans-1,3-Dichloropropene	0.017	U	0.017	N/A	N/A	0.20
79-01-6	Trichloroethene	0.050	U	0.050	N/A	N/A	0.20
75-69-4	Trichlorofluoromethane	0.060	U	0.060	N/A	N/A	0.20
75-01-4	Vinyl chloride	0.013	U	0.013	N/A	N/A	0.20

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VOLATILE ORGANICS ANALYSIS

Sample Description: **TRIP BLANK**

Lab Name:	CT Laboratories	Contract:	SHAW E&I INC-NEW BOSTON AFS
Matrix:	TRIP BLANK	SDG No.:	77528
Sample wt/vol:	(g/mL)	CTL Sample ID:	770716
% Solids:		Date Received:	02/12/2010
Soil Extract Vol:	(mL)	Date/Time Prepared:	/
Analytical Method:	EPA 8260B	Analytical Prep Batch #	
Analytical Run #:	64674	Dilution Factor:	1.00
Date & Time Analyzed:	02/18/2010 / 12:06	GPC Cleanup Date/Time:	/
TCLP / SPLP / MLP or ASTM Procedure Extraction Date (*if applicable*):			/
	Concentration Units:	ug/L	

CAS NO.	Analyte	Concentration	Qualifiers	DL	LOD	LOQ	RL
108-70-3	1,3,5-Trichlorobenzene	0.30	U	0.30	N/A	N/A	1.1
60-29-7	Ethyl ether	0.30	U	0.30	N/A	N/A	0.99
994-05-08	Tert-amyl methyl ether	0.14	U	0.14	N/A	N/A	1.0
75-65-0	Tert-butyl alcohol	6.0	U	6.0	N/A	N/A	20
637-92-3	Tert-butyl ethyl ether	0.11	U	0.11	N/A	N/A	1.0

Shaw Environmental, Inc.
2113 Emmorton Park Road
Edgewood, Maryland
410-612-6350
FAX: 410-612-6351

Shaw® Shaw Environmental, Inc.

MEMORANDUM

TO: Mark Magness, Shaw E&I NBAFS Project Manager

FROM: Eric Malarek, Shaw E&I NBAFS Project Chemist

SUBJECT: NBAFS Data Validation - 1,4-Dioxane
CT Laboratories, Inc., SDG 77528 (Accutest SDG M89324)

DATE: March 26, 2010

The purpose of this memorandum is to present the data validation report for the samples collected at the NBAFS RI/FS Sites on February 11, 2010. The samples were analyzed for compound 1,4-dioxane using USEPA SW846 Method 5030B/8260B by Selective Ion Monitoring (SIM). A total of four aqueous field samples were validated. The sample IDs are:

Field Sample ID	CT Labs Sample ID	Accutest Lab Sample ID
LF003 MW-1	770686	M89324-1
LF003 MW-2	770692	M89324-2
SS008 MW-4	770693	M89324-3
TRIP BLANK	770716	M89324-4

Data were reviewed by Eric Malarek and validated using a combination of project QAPP, *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1, April, 2009* (DoD, 2009) (DoD QSM), method-specific criteria, and laboratory SOP criteria. The data qualifier scheme was consistent with the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999). Parameters evaluated are presented in **Table 1**. Data associated with parameters in compliance with quality control specifications have not been qualified. Data associated with parameters that did not comply with quality control specifications and directly impacted project data have been qualified in accordance with USEPA specifications.

Table 1 Laboratory Performance Criteria

Qualified		Parameter
Yes	No	
	X	Holding Times and Preservation
	X	Instrument Performance Results
	X	Initial Calibration
	X	Continuing Calibration
	X	Blank Analysis
	X	Laboratory Control Sample / Laboratory Control Sample Duplicate
	X	Matrix Spike / Spike Duplicate Sample
	X	System Monitoring Compounds
	X	Internal Standards
	X	Field Sample Duplicate
	X	Quantitation Verification

The quality of data collected in support of this sampling activity is considered acceptable.

Eric Malarek, Chemist

3/26/10
Date

NBAFS RI/FS VALIDATION REPORT
1,4-DIOXANE REVIEW
SDG 77528 (ACCUTEST M89324)

I-Holding Times and Preservation
The objective is to ascertain the validity of results based on the holding time of the sample from time of collection to time of analysis. Holding time criteria: For aqueous samples cooled @ 4°C ± 2°C; pH<2 HCl, the maximum holding time is 14 days from sample collection to analysis (USEPA criteria).

- Temperature Review: The temperature blank was sent with each cooler and recorded by the laboratory upon receipt. For samples collected on 02/11/10, the cooler was received on 02/12/10 by the primary laboratory (CT Laboratories, Inc.) at 2.1°C. The 1,4-dioxane was received on by the secondary laboratory (Accutest) on 02/16/10 at 1.7°C. The secondary lab temperature was slightly below criteria; however, no impacts resulted from this outlier. All criteria were met for the primary laboratory. No qualifiers were applied based upon this outlier.

- Holding Time Review: The aqueous samples were collected for 1,4-dioxane on 02/11/10. All samples were analyzed on 02/17/10 for 1,4-dioxane. Sample collection dates may be found on the attached form 1s. All criteria were met. No qualifiers were applied.

II-Instrument Performance Check
The analysis of the instrument performance check solution must be performed at the beginning of each 12-hour period during which samples are analyzed.

- The instrument performance check, bromofluorobenzene (BFB), met the ion abundance criteria. No qualification was applied.

III-Initial Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used is capable of producing acceptable qualitative and quantitative data for volatile target compounds. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. The RRF must be greater than 0.1 for chloromethane, 1,1-dichloroethane, and bromoform and greater than 0.3 for 1,1,2,2-tetrachloroethane and chlorobenzene. Percent relative standard deviation (%RSD) must be ≤15% for each target compound and must be ≤30% for each calibration check compound. For compounds analyzed using linear regression, correlation coefficients must be r≥0.995 (coefficient of determination r^2≥0.99 for higher order).

- For initial calibration performed on 01/13/10 on instrument GCMSM, 1,4-dioxane was within criteria (%RSD≤15%). 1,4-Dioxane was quantified using SIM procedures. Samples LF003 MW-1 (770686; M89324-1), LF003 MW-2 (770692; M89324-2), SS008 MW-4 (770693; M89324-3), and TRIP BLANK (770716; M89324-4) were analyzed using this initial calibration.

IV-Continuing Calibration
Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument used is capable of producing acceptable qualitative and quantitative data for volatile target compounds. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis. The RRF must be greater than 0.1 for chloromethane, 1,1-dichloroethane, and bromoform and greater than 0.3 for 1,1,2,2-tetrachloroethane and chlorobenzene. The percent difference (%D) or percent drift (for linear regression or second order) between the initial calibration RRF and the continuing calibration RRF must be within 20% for all target compounds.

- For initial calibration verification performed on 01/13/10 @21:59 on instrument GCMSM, all criteria were met for 1,4-dioxane (%D≤20%; %Drift≤20%). No qualifiers were applied. No samples reported were analyzed using this initial calibration verification.

- For continuing calibration performed on 02/17/10 @16:54 on instrument GCMSM, all criteria were met for all target compounds (%D≤20%; %Drift≤20%). No qualifiers were applied. Samples Samples LF003 MW-1 (770686; M89324-1), LF003 MW-2 (770692; M89324-2), SS008 MW-4 (770693; M89324-3), and TRIP BLANK (770716; M89324-4) apply to this continuing calibration.

V-Blank Analysis

The purpose of blank analyses is to determine the presence and magnitude of contamination problems resulting from field and laboratory activities. A method blank analysis must be performed after the calibration standards and once every 12-hour time period beginning with the injection of BFB. No contaminants should be detected in any of the associated blanks > the MDL. DoD QSM criteria specifies all concentrations should be less than one-half MRL (<MRL for common laboratory contaminants methylene chloride, acetone, and 2-butanone). Positive sample results are reported and qualified "U", if the concentration of the compound in the sample is ≤10 times (10x) the maximum amount in any blank for the common laboratory contaminants methylene chloride, acetone, and 2-butanone, or 5 times (5x) the maximum amount for other volatile target compounds. **Table 2** summarizes the blank contamination analysis. Action levels are based upon dilution factor of one. The trip blank TRIP BLANK (770716) applies to all groundwater samples collected on 02/11/10. No equipment blank was required.

Table 2 Blank Contamination Analysis Summary

Analysis Date	QC Blank ID	Compound	Max Conc. µg/L	Action Level µg/L	U qualified samples (This SDG)
02/17/10	MSM1147-MB	All target <½MRL	NA	NA	None
02/17/10	TRIP BLANK	All target <½MRL	NA	NA	None

MRL = Method Reporting Limit
NA = Not Applicable

VI-Laboratory Control Sample and Laboratory Control Sample Duplicate

Data for laboratory control samples (LCS) and LCSD are evaluated to determine long-term precision and accuracy of the analytical method on various matrices. Percent recoveries (%Rs) should be within the specified control limits. DoD QSM LCS/LCSD recovery limits are specified in Table G-4 of the DoD QSM (DoD, 2009). The laboratory QC limits for 1,4-dioxane are 60-140%; RPD≤30%. The DoD LCS/LCSD precision RPD criteria is ≤30%.

- Samples MSM1147-BS and MSM1147-BSD were used as the LCS/LCSD for the 1,4-dioxane analysis on 02/17/10. All criteria were met. No qualifiers were applied. Samples LF003 MW-1 (770686; M89324-1), LF003 MW-2 (770692; M89324-2), SS008 MW-4 (770693; M89324-3), and TRIP BLANK (770716; M89324-4) apply to this LCS/LCSD.

VII-Matrix Spike and Matrix Spike Duplicate

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The percent recoveries (%Rs) and the relative percent difference (RPD) must be within the specified control limits. DoD QSM MS and MSD recovery limits use the LCS criteria specified in Table G-4 of the DoD QSM (DoD, 2009). The laboratory QC limits for 1,4-dioxane are 60-140%; RPD≤30%. The DoD MS/MSD precision RPD criteria is ≤30%.

- Sample SS008 MW-4 (770693; M89324-3) was used for the MS/MSD analysis performed on 02/17/10. All criteria were met. No qualifiers were applied. Samples LF003 MW-1 (770686; M89324-1), LF003 MW-2 (770692; M89324-2), SS008 MW-4 (770693; M89324-3), and TRIP BLANK (770716; M89324-4) apply to this MS/MSD.

VIII-System Monitoring Compounds (Surrogates)
Laboratory performance on individual samples is evaluated through the review of surrogate spike samples. Recoveries for system monitoring compounds in volatile samples and blanks must be within the specified control limits.

Criteria: 1,4-Dioxane-d8 (60-140%) – (DoD QSM Criteria: None Listed)

- All criteria were met for all runs. No qualifiers were applied.

IX-Internal Standards (IS)
Internal standards performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run. Specific criteria include: area counts (-50% to +100%) of the associated calibration standard, and retention time (± 30 seconds) from that of the associated calibration standard.

- All criteria were met for all runs. No qualifiers were applied.

X-Field Duplicate Sample Analysis
Field duplicates were collected to identify the cumulative precision of the sampling and analytical process and sent to the laboratory blind. The RPD was calculated only for those analytes which were detected at levels exceeding the method reporting limits in both samples of the duplicate pair. Analytes that were qualified rejected (R-qualified) in either sample of the duplicate pair were excluded from the duplicate assessment. Precision control criterion was established at 50% RPD for the aqueous samples.

- No field groundwater sample duplicate pair was collected for this SDG for VOCs; therefore, not evaluated.

XI-Quantitation Verification
The accuracy of analytical results is verified through the calculation of several parameters. The percent difference (%D) between the calculated and the reported values should be within 10%. Any sample value >MDL and <MRL or <3*MDL (whichever is greater) was qualified as estimated, "J."

Sample: MSM1147-BS, 1,4-Dioxane

Conc. (µg/L) = (Ax)*(Is) *(DF) / (Ais)*(RRF)

where: Ax is the compound area
Ais is the corresponding internal standard area
Is is the corresponding internal standard concentration (µg/L)
DF is the dilution factor
RRF is the relative response factor.

Conc. µg/L = (1361 * 1.0 µg/L * 1) / (5892 * 0.020) = 11.5 µg/L

Reported Conc. = 11.5 µg/L
%D = 0.0%
Values were within 10% difference.

Laboratory and Data Validation Qualifiers

Qualifier	Definition
Laboratory Qualifiers[1]	
No Code	Confirmed identification.
U	Analyte was not detected and is reported as less than the reporting limit. The reporting limit has been adjusted for any dilution or concentration of the sample.
J	The reported result is an estimated value.
B	Blank contamination. The recorded result is associated with a contaminated blank.
N	Non-target analyte. The analyte is a tentatively identified compound using mass spectrometry.
Q	One or more quality control criteria failed.
USEPA Data Validation Qualifiers[2]	
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The positive result is an estimated quantity. The associated numerical value is the appropriate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
N	The analysis indicates the present of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
R	The data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meeting the Quality Control criteria. The analyte may or may not be present in the sample.
UJ	The analyte was analyzed for, but was not detected above the reported sample quantitation limit. The reported quantitation limit is approximate and may be inaccurate or imprecise.

[1]The noted laboratory qualifiers are a minimum. If a laboratory has more and they are consistent with DoD and properly defined, the laboratory may use them. Data qualifiers may be combined when appropriate. Ref.: *DOD Quality Systems Manual for Environmental Laboratories, Final Version 4.1* (DoD, 2009).

[2]The USEPA data validation qualifiers are referenced from *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, 1999) and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, 2004).

Raw Data: M36033.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	LF0003 MW-1		
Lab Sample ID:	M89324-1	**Date Sampled:**	02/11/10
Matrix:	AQ - Ground Water	**Date Received:**	02/16/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36033.D	1	02/17/10	SC	n/a	n/a	MSM1147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	131%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	LF0003 MW-2		
Lab Sample ID:	M89324-2	**Date Sampled:**	02/11/10
Matrix:	AQ - Ground Water	**Date Received:**	02/16/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36035.D	1	02/17/10	SC	n/a	n/a	MSM1147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	108%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36028.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	SS008 MW-4		
Lab Sample ID:	M89324-3	**Date Sampled:**	02/11/10
Matrix:	AQ - Ground Water	**Date Received:**	02/16/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36028.D	1	02/17/10	SC	n/a	n/a	MSM1147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	109%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: M36027.D

Form I Copy

Accutest Laboratories

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	M89324-4	**Date Sampled:**	02/11/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/10
Method:	SW846 8260B BY SIM	**Percent Solids:**	n/a
Project:	New Boston Air Base NH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M36027.D	1	02/17/10	SC	n/a	n/a	MSM1147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	Units	Q
123-91-1	1,4-Dioxane	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17647-74-4	1,4-Dioxane-d8	113%		60-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SAMPNUMB	PARAMETER	VALUE	UNITS	LABQUAL	DVQUAL	DETECT_LIM
LF003-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
LF003-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
LF003-MW1	1,1,1,2-Tetrachloroethane	8.0	ug/L	U	U	0.22
LF003-MW1	1,1,1-Trichloroethane	8.0	ug/L	U	U	0.18
LF003-MW1	1,1,2,2-Tetrachloroethane	8.0	ug/L	U	U	0.34
LF003-MW1	1,1,2-Trichloroethane	8.0	ug/L	U	U	0.30
LF003-MW1	1,1-Dichloroethane	8.0	ug/L	U	U	0.42
LF003-MW1	1,1-Dichloroethene	8.0	ug/L	U	U	0.80
LF003-MW1	1,1-Dichloropropene	8.0	ug/L	U	U	0.24
LF003-MW1	1,2,3-Trichlorobenzene	8.0	ug/L	U	U	0.80
LF003-MW1	1,2,3-Trichloropropane	8.0	ug/L	U	U	0.54
LF003-MW1	1,2,4-Trichlorobenzene	8.0	ug/L	U	U	0.80
LF003-MW1	1,2,4-Trimethylbenzene	200	ug/L			0.58
LF003-MW1	1,2-Dichlorobenzene	8.0	ug/L	U	U	0.50
LF003-MW1	1,2-Dichloroethane	8.0	ug/L	U	U	0.30
LF003-MW1	1,2-Dichloropropane	8.0	ug/L	U	U	0.24
LF003-MW1	1,3,5-Trichlorobenzene	5.0	ug/L	UV	U	1.5
LF003-MW1	1,3,5-Trimethylbenzene	71	ug/L			0.48
LF003-MW1	1,3-Dichlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1	1,3-Dichloropropane	8.0	ug/L	U	U	0.40
LF003-MW1	1,4-Dichlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1	1-Chlorohexane	8.0	ug/L	U	U	0.80
LF003-MW1	2,2-Dichloropropane	8.0	ug/L	U	U	0.38
LF003-MW1	2-Butanone	40	ug/L	U	U	10
LF003-MW1	2-Chlorotoluene	8.0	ug/L	U	U	0.60
LF003-MW1	2-Hexanone	80	ug/L	U	U	2.4
LF003-MW1	4-Chlorotoluene	8.0	ug/L	U	U	0.60
LF003-MW1	4-Methyl-2-pentanone	80	ug/L	U	U	3.6
LF003-MW1	Acetone	80	ug/L	U	U	20
LF003-MW1	Benzene	8.0	ug/L	U	U	0.16
LF003-MW1	Bromobenzene	8.0	ug/L	U	U	0.52
LF003-MW1	Bromochloromethane	8.0	ug/L	U	U	0.60
LF003-MW1	Bromodichloromethane	8.0	ug/L	U	U	0.32
LF003-MW1	Bromoform	8.0	ug/L	U	U	0.38
LF003-MW1	Bromomethane	8.0	ug/L	U	U	0.76
LF003-MW1	Carbon disulfide	16	ug/L	U	U	1.4
LF003-MW1	Carbon tetrachloride	8.0	ug/L	U	U	0.36
LF003-MW1	Chlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1	Chloroethane	8.0	ug/L	U	U	1.4
LF003-MW1	Chloroform	0.55	ug/L	J	J	0.20
LF003-MW1	Chloromethane	8.0	ug/L	U	U	0.52
LF003-MW1	cis-1,2-Dichloroethene	8.0	ug/L	U	U	0.44
LF003-MW1	cis-1,3-Dichloropropene	8.0	ug/L	U	U	0.24
LF003-MW1	Dibromochloromethane	8.0	ug/L	U	U	0.36
LF003-MW1	Dibromomethane	8.0	ug/L	U	U	0.20
LF003-MW1	Dichlorodifluoromethane	4.0	ug/L	U	U	0.26
LF003-MW1	Diisopropyl ether	8.0	ug/L	U	U	0.80
LF003-MW1	Ethyl ether	5.0	ug/L	UV	U	1.1
LF003-MW1	Ethylbenzene	1.9	ug/L	J	J	0.54
LF003-MW1	Hexachlorobutadiene	8.0	ug/L	U	U	0.60
LF003-MW1	Isopropylbenzene	10	ug/L			0.52

LF003-MW1	m,p-Xylenes	14	ug/L	J	J	1.2
LF003-MW1	Methyl tert-butyl ether	8.0	ug/L	U	U	0.50
LF003-MW1	Methylene chloride	8.0	ug/L	U	UJ	4.0
LF003-MW1	Naphthalene	9.8	ug/L			0.80
LF003-MW1	n-Butylbenzene	49	ug/L			0.54
LF003-MW1	n-Propylbenzene	43	ug/L			0.60
LF003-MW1	o-Xylene	11	ug/L			0.52
LF003-MW1	p-Isopropyltoluene	3.9	ug/L	J	J	0.50
LF003-MW1	sec-Butylbenzene	11	ug/L			0.48
LF003-MW1	Styrene	8.0	ug/L	U	U	0.48
LF003-MW1	Tert-amyl methyl ether	5.0	ug/L	UV	U	0.70
LF003-MW1	Tert-Butyl Alcohol	100	ug/L	UV	R	35
LF003-MW1	Tert-butyl ethyl ether	5.0	ug/L	UV	U	0.55
LF003-MW1	tert-Butylbenzene	8.0	ug/L	U	U	0.52
LF003-MW1	Tetrachloroethene	8.0	ug/L	U	U	0.20
LF003-MW1	Tetrahydrofuran	80	ug/L	U	R	6.0
LF003-MW1	Toluene	8.0	ug/L	U	U	0.22
LF003-MW1	trans-1,2-Dichloroethene	8.0	ug/L	U	U	0.52
LF003-MW1	trans-1,3-Dichloropropene	8.0	ug/L	U	U	0.28
LF003-MW1	Trichloroethene	8.0	ug/L	U	U	0.40
LF003-MW1	Trichlorofluoromethane	4.0	ug/L	U	U	0.44
LF003-MW1	Vinyl chloride	4.0	ug/L	U	U	0.38
LF003-MW1	1,4-Dioxane	1.0	ug/L	U	UJ	1.0
LF003-MW1 DUPE	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
LF003-MW1 DUPE	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
LF003-MW1 DUPE	1,1,1,2-Tetrachloroethane	8.0	ug/L	U	U	0.22
LF003-MW1 DUPE	1,1,1-Trichloroethane	8.0	ug/L	U	U	0.18
LF003-MW1 DUPE	1,1,2,2-Tetrachloroethane	8.0	ug/L	U	U	0.34
LF003-MW1 DUPE	1,1,2-Trichloroethane	8.0	ug/L	U	U	0.30
LF003-MW1 DUPE	1,1-Dichloroethane	8.0	ug/L	U	U	0.42
LF003-MW1 DUPE	1,1-Dichloroethene	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	1,1-Dichloropropene	8.0	ug/L	U	U	0.24
LF003-MW1 DUPE	1,2,3-Trichlorobenzene	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	1,2,3-Trichloropropane	8.0	ug/L	U	U	0.54
LF003-MW1 DUPE	1,2,4-Trichlorobenzene	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	1,2,4-Trimethylbenzene	200	ug/L			0.58
LF003-MW1 DUPE	1,2-Dichlorobenzene	8.0	ug/L	U	U	0.50
LF003-MW1 DUPE	1,2-Dichloroethane	8.0	ug/L	U	U	0.30
LF003-MW1 DUPE	1,2-Dichloropropane	8.0	ug/L	U	U	0.24
LF003-MW1 DUPE	1,3,5-Trichlorobenzene	5.0	ug/L	UV	U	1.5
LF003-MW1 DUPE	1,3,5-Trimethylbenzene	74	ug/L			0.48
LF003-MW1 DUPE	1,3-Dichlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	1,3-Dichloropropane	8.0	ug/L	U	U	0.40
LF003-MW1 DUPE	1,4-Dichlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	1-Chlorohexane	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	2,2-Dichloropropane	8.0	ug/L	U	U	0.38
LF003-MW1 DUPE	2-Butanone	40	ug/L	U	U	10
LF003-MW1 DUPE	2-Chlorotoluene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	2-Hexanone	80	ug/L	U	U	2.4
LF003-MW1 DUPE	4-Chlorotoluene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	4-Methyl-2-pentanone	80	ug/L	U	U	3.6
LF003-MW1 DUPE	Acetone	61	ug/L	J	U	20

LF003-MW1 DUPE	Benzene	8.0	ug/L	U	U	0.16
LF003-MW1 DUPE	Bromobenzene	8.0	ug/L	U	U	0.52
LF003-MW1 DUPE	Bromochloromethane	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	Bromodichloromethane	8.0	ug/L	U	U	0.32
LF003-MW1 DUPE	Bromoform	8.0	ug/L	U	U	0.38
LF003-MW1 DUPE	Bromomethane	8.0	ug/L	U	U	0.76
LF003-MW1 DUPE	Carbon disulfide	16	ug/L	U	U	1.4
LF003-MW1 DUPE	Carbon tetrachloride	8.0	ug/L	U	U	0.36
LF003-MW1 DUPE	Chlorobenzene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	Chloroethane	8.0	ug/L	U	U	1.4
LF003-MW1 DUPE	Chloroform	8.0	ug/L	U	U	0.20
LF003-MW1 DUPE	Chloromethane	8.0	ug/L	U	U	0.52
LF003-MW1 DUPE	cis-1,2-Dichloroethene	8.0	ug/L	U	U	0.44
LF003-MW1 DUPE	cis-1,3-Dichloropropene	8.0	ug/L	U	U	0.24
LF003-MW1 DUPE	Dibromochloromethane	8.0	ug/L	U	U	0.36
LF003-MW1 DUPE	Dibromomethane	8.0	ug/L	U	U	0.20
LF003-MW1 DUPE	Dichlorodifluoromethane	4.0	ug/L	U	U	0.26
LF003-MW1 DUPE	Diisopropyl ether	8.0	ug/L	U	U	0.80
LF003-MW1 DUPE	Ethyl ether	5.0	ug/L	UV	U	1.1
LF003-MW1 DUPE	Ethylbenzene	1.9	ug/L	J	J	0.54
LF003-MW1 DUPE	Hexachlorobutadiene	8.0	ug/L	U	U	0.60
LF003-MW1 DUPE	Isopropylbenzene	11	ug/L			0.52
LF003-MW1 DUPE	m,p-Xylenes	14	ug/L	J	J	1.2
LF003-MW1 DUPE	Methyl tert-butyl ether	8.0	ug/L	U	U	0.50
LF003-MW1 DUPE	Methylene chloride	15	ug/L		J	4.0
LF003-MW1 DUPE	Naphthalene	8.6	ug/L			0.80
LF003-MW1 DUPE	n-Butylbenzene	47	ug/L			0.54
LF003-MW1 DUPE	n-Propylbenzene	44	ug/L			0.60
LF003-MW1 DUPE	o-Xylene	12	ug/L			0.52
LF003-MW1 DUPE	p-Isopropyltoluene	3.8	ug/L	J	J	0.50
LF003-MW1 DUPE	sec-Butylbenzene	11	ug/L			0.48
LF003-MW1 DUPE	Styrene	8.0	ug/L	U	U	0.48
LF003-MW1 DUPE	Tert-amyl methyl ether	5.0	ug/L	UV	U	0.70
LF003-MW1 DUPE	Tert-Butyl Alcohol	100	ug/L	UV	R	35
LF003-MW1 DUPE	Tert-butyl ethyl ether	5.0	ug/L	UV	U	0.55
LF003-MW1 DUPE	tert-Butylbenzene	0.52	ug/L	J	J	0.52
LF003-MW1 DUPE	Tetrachloroethene	8.0	ug/L	U	U	0.20
LF003-MW1 DUPE	Tetrahydrofuran	80	ug/L	U	R	6.0
LF003-MW1 DUPE	Toluene	8.0	ug/L	U	U	0.22
LF003-MW1 DUPE	trans-1,2-Dichloroethene	8.0	ug/L	U	U	0.52
LF003-MW1 DUPE	trans-1,3-Dichloropropene	8.0	ug/L	U	U	0.28
LF003-MW1 DUPE	Trichloroethene	8.0	ug/L	U	U	0.40
LF003-MW1 DUPE	Trichlorofluoromethane	4.0	ug/L	U	U	0.44
LF003-MW1 DUPE	Vinyl chloride	4.0	ug/L	U	U	0.38
LF003-MW1 DUPE	1,4-Dioxane	23.4	ug/L		J	1.0
LF003-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
LF003-MW2	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
LF003-MW2	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
LF003-MW2	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
LF003-MW2	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
LF003-MW2	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
LF003-MW2	1,1-Dichloroethane	0.40	ug/L	U	U	0.021

LF003-MW2	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
LF003-MW2	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
LF003-MW2	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
LF003-MW2	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
LF003-MW2	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
LF003-MW2	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
LF003-MW2	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
LF003-MW2	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
LF003-MW2	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
LF003-MW2	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
LF003-MW2	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
LF003-MW2	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
LF003-MW2	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
LF003-MW2	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
LF003-MW2	1-Chlorohexane	0.40	ug/L	U	U	0.040
LF003-MW2	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
LF003-MW2	2-Butanone	2.0	ug/L	U	R	0.50
LF003-MW2	2-Chlorotoluene	0.40	ug/L	U	U	0.030
LF003-MW2	2-Hexanone	4.0	ug/L	U	U	0.12
LF003-MW2	4-Chlorotoluene	0.40	ug/L	U	U	0.030
LF003-MW2	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
LF003-MW2	Acetone	4.0	ug/L	U	UJ	1.0
LF003-MW2	Benzene	0.40	ug/L	U	U	0.0080
LF003-MW2	Bromobenzene	0.40	ug/L	U	U	0.026
LF003-MW2	Bromochloromethane	0.40	ug/L	U	U	0.030
LF003-MW2	Bromodichloromethane	0.40	ug/L	U	U	0.016
LF003-MW2	Bromoform	0.40	ug/L	U	U	0.019
LF003-MW2	Bromomethane	0.40	ug/L	U	UJ	0.038
LF003-MW2	Carbon disulfide	0.80	ug/L	U	U	0.070
LF003-MW2	Carbon tetrachloride	0.40	ug/L	U	U	0.018
LF003-MW2	Chlorobenzene	0.40	ug/L	U	U	0.030
LF003-MW2	Chloroethane	0.40	ug/L	U	U	0.070
LF003-MW2	Chloroform	0.40	ug/L	U	U	0.010
LF003-MW2	Chloromethane	0.085	ug/L	J	U	0.026
LF003-MW2	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
LF003-MW2	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
LF003-MW2	Dibromochloromethane	0.40	ug/L	U	U	0.018
LF003-MW2	Dibromomethane	0.40	ug/L	U	U	0.010
LF003-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
LF003-MW2	Diisopropyl ether	0.40	ug/L	U	U	0.040
LF003-MW2	Ethyl ether	1.0	ug/L	U	U	0.22
LF003-MW2	Ethylbenzene	0.40	ug/L	U	U	0.027
LF003-MW2	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
LF003-MW2	Isopropylbenzene	0.40	ug/L	U	U	0.026
LF003-MW2	m,p-Xylenes	0.80	ug/L	U	U	0.060
LF003-MW2	Methyl tert-butyl ether	3.5	ug/L			0.025
LF003-MW2	Methylene chloride	0.40	ug/L	U	UJ	0.20
LF003-MW2	Naphthalene	0.40	ug/L	U	U	0.040
LF003-MW2	n-Butylbenzene	0.40	ug/L	U	U	0.027
LF003-MW2	n-Propylbenzene	0.40	ug/L	U	U	0.030
LF003-MW2	o-Xylene	0.40	ug/L	U	U	0.026
LF003-MW2	p-Isopropyltoluene	0.40	ug/L	U	U	0.025

LF003-MW2	sec-Butylbenzene	0.40	ug/L	U	U	0.024
LF003-MW2	Styrene	0.40	ug/L	U	U	0.024
LF003-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
LF003-MW2	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
LF003-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
LF003-MW2	tert-Butylbenzene	0.40	ug/L	U	U	0.026
LF003-MW2	Tetrachloroethene	0.40	ug/L	U	U	0.010
LF003-MW2	Tetrahydrofuran	4.0	ug/L	U	R	0.30
LF003-MW2	Toluene	0.40	ug/L	U	U	0.011
LF003-MW2	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
LF003-MW2	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
LF003-MW2	Trichloroethene	0.40	ug/L	U	U	0.020
LF003-MW2	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
LF003-MW2	Vinyl chloride	0.20	ug/L	U	U	0.019
LF003-MW2	1,4-Dioxane	1.0	ug/L	U	U	1.0
RINSE BLANK-1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
RINSE BLANK-1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
RINSE BLANK-1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
RINSE BLANK-1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
RINSE BLANK-1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
RINSE BLANK-1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
RINSE BLANK-1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
RINSE BLANK-1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
RINSE BLANK-1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
RINSE BLANK-1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
RINSE BLANK-1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
RINSE BLANK-1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
RINSE BLANK-1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
RINSE BLANK-1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
RINSE BLANK-1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
RINSE BLANK-1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
RINSE BLANK-1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
RINSE BLANK-1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
RINSE BLANK-1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
RINSE BLANK-1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	1-Chlorohexane	0.40	ug/L	U	U	0.040
RINSE BLANK-1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
RINSE BLANK-1	2-Butanone	1.5	ug/L	J	J	0.50
RINSE BLANK-1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	2-Hexanone	4.0	ug/L	U	U	0.12
RINSE BLANK-1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
RINSE BLANK-1	Acetone	10	ug/L			1.0
RINSE BLANK-1	Benzene	0.40	ug/L	U	U	0.0080
RINSE BLANK-1	Bromobenzene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	Bromochloromethane	0.40	ug/L	U	U	0.030
RINSE BLANK-1	Bromodichloromethane	0.40	ug/L	U	U	0.016
RINSE BLANK-1	Bromoform	0.40	ug/L	U	U	0.019
RINSE BLANK-1	Bromomethane	0.40	ug/L	U	U	0.038
RINSE BLANK-1	Carbon disulfide	0.80	ug/L	U	U	0.070
RINSE BLANK-1	Carbon tetrachloride	0.40	ug/L	U	U	0.018

RINSE BLANK-1	Chlorobenzene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	Chloroethane	0.40	ug/L	U	U	0.070
RINSE BLANK-1	Chloroform	0.40	ug/L	U	U	0.010
RINSE BLANK-1	Chloromethane	0.064	ug/L	J	J	0.026
RINSE BLANK-1	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
RINSE BLANK-1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
RINSE BLANK-1	Dibromochloromethane	0.40	ug/L	U	U	0.018
RINSE BLANK-1	Dibromomethane	0.40	ug/L	U	U	0.010
RINSE BLANK-1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
RINSE BLANK-1	Diisopropyl ether	0.40	ug/L	U	U	0.040
RINSE BLANK-1	Ethyl ether	23	ug/L			0.22
RINSE BLANK-1	Ethylbenzene	0.40	ug/L	U	U	0.027
RINSE BLANK-1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	Isopropylbenzene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	m,p-Xylenes	0.80	ug/L	U	U	0.060
RINSE BLANK-1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
RINSE BLANK-1	Methylene chloride	0.40	ug/L	U	UJ	0.20
RINSE BLANK-1	Naphthalene	0.40	ug/L	U	U	0.040
RINSE BLANK-1	n-Butylbenzene	0.40	ug/L	U	U	0.027
RINSE BLANK-1	n-Propylbenzene	0.40	ug/L	U	U	0.030
RINSE BLANK-1	o-Xylene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
RINSE BLANK-1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
RINSE BLANK-1	Styrene	0.40	ug/L	U	U	0.024
RINSE BLANK-1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
RINSE BLANK-1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
RINSE BLANK-1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
RINSE BLANK-1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	Tetrachloroethene	0.40	ug/L	U	U	0.010
RINSE BLANK-1	Tetrahydrofuran	7.0	ug/L		J	0.30
RINSE BLANK-1	Toluene	0.20	ug/L	J	J	0.011
RINSE BLANK-1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
RINSE BLANK-1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
RINSE BLANK-1	Trichloroethene	0.40	ug/L	U	U	0.020
RINSE BLANK-1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
RINSE BLANK-1	Vinyl chloride	0.20	ug/L	U	U	0.019
RINSE BLANK-1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS08-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS08-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS08-MW1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS08-MW1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS08-MW1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS08-MW1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS08-MW1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS08-MW1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS08-MW1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SIS08-MW1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS08-MW1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS08-MW1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS08-MW1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS08-MW1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS08-MW1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015

SIS08-MW1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS08-MW1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS08-MW1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS08-MW1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS08-MW1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS08-MW1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS08-MW1	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS08-MW1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SIS08-MW1	2-Butanone	2.0	ug/L	U	U	0.50
SIS08-MW1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS08-MW1	2-Hexanone	4.0	ug/L	U	U	0.12
SIS08-MW1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS08-MW1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS08-MW1	Acetone	4.0	ug/L	U	U	1.0
SIS08-MW1	Benzene	0.40	ug/L	U	U	0.0080
SIS08-MW1	Bromobenzene	0.40	ug/L	U	U	0.026
SIS08-MW1	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS08-MW1	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS08-MW1	Bromoform	0.40	ug/L	U	U	0.019
SIS08-MW1	Bromomethane	0.40	ug/L	U	U	0.038
SIS08-MW1	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS08-MW1	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS08-MW1	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS08-MW1	Chloroethane	0.40	ug/L	U	U	0.070
SIS08-MW1	Chloroform	0.40	ug/L	U	U	0.010
SIS08-MW1	Chloromethane	0.40	ug/L	U	U	0.026
SIS08-MW1	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SIS08-MW1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS08-MW1	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS08-MW1	Dibromomethane	0.40	ug/L	U	U	0.010
SIS08-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS08-MW1	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS08-MW1	Ethyl ether	1.0	ug/L	U	U	0.22
SIS08-MW1	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS08-MW1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS08-MW1	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS08-MW1	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS08-MW1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SIS08-MW1	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS08-MW1	Naphthalene	0.40	ug/L	U	U	0.040
SIS08-MW1	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS08-MW1	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS08-MW1	o-Xylene	0.40	ug/L	U	U	0.026
SIS08-MW1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS08-MW1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS08-MW1	Styrene	0.40	ug/L	U	U	0.024
SIS08-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS08-MW1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS08-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS08-MW1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS08-MW1	Tetrachloroethene	0.40	ug/L	U	U	0.010
SIS08-MW1	Tetrahydrofuran	4.0	ug/L	U	R	0.30

SIS08-MW1	Toluene	0.15	ug/L	J	U	0.011
SIS08-MW1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS08-MW1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS08-MW1	Trichloroethene	0.40	ug/L	U	U	0.020
SIS08-MW1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS08-MW1	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS08-MW1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18- MW5	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS18- MW5	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18- MW5	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS18- MW5	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS18- MW5	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS18- MW5	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS18- MW5	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS18- MW5	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS18- MW5	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18- MW5	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18- MW5	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS18- MW5	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18- MW5	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS18- MW5	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS18- MW5	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SIS18- MW5	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS18- MW5	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18- MW5	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS18- MW5	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18- MW5	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS18- MW5	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18- MW5	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS18- MW5	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SIS18- MW5	2-Butanone	2.0	ug/L	U	R	0.50
SIS18- MW5	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18- MW5	2-Hexanone	4.0	ug/L	U	U	0.12
SIS18- MW5	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18- MW5	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS18- MW5	Acetone	4.0	ug/L	U	UJ	1.0
SIS18- MW5	Benzene	0.40	ug/L	U	U	0.0080
SIS18- MW5	Bromobenzene	0.40	ug/L	U	U	0.026
SIS18- MW5	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS18- MW5	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS18- MW5	Bromoform	0.40	ug/L	U	U	0.019
SIS18- MW5	Bromomethane	0.40	ug/L	U	UJ	0.038
SIS18- MW5	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS18- MW5	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS18- MW5	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS18- MW5	Chloroethane	0.40	ug/L	U	U	0.070
SIS18- MW5	Chloroform	0.40	ug/L	U	U	0.010
SIS18- MW5	Chloromethane	0.40	ug/L	U	U	0.026
SIS18- MW5	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SIS18- MW5	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18- MW5	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS18- MW5	Dibromomethane	0.40	ug/L	U	U	0.010

SIS18- MW5	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS18- MW5	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS18- MW5	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18- MW5	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS18- MW5	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS18- MW5	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS18- MW5	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS18- MW5	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SIS18- MW5	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18- MW5	Naphthalene	0.40	ug/L	U	U	0.040
SIS18- MW5	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS18- MW5	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS18- MW5	o-Xylene	0.40	ug/L	U	U	0.026
SIS18- MW5	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS18- MW5	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS18- MW5	Styrene	0.40	ug/L	U	U	0.024
SIS18- MW5	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18- MW5	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18- MW5	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18- MW5	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS18- MW5	Tetrachloroethene	0.067	ug/L	J	J	0.010
SIS18- MW5	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18- MW5	Toluene	0.40	ug/L	U	U	0.011
SIS18- MW5	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS18- MW5	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS18- MW5	Trichloroethene	0.40	ug/L	U	U	0.020
SIS18- MW5	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS18- MW5	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS18- MW5	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS18-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18-MW1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS18-MW1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS18-MW1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS18-MW1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS18-MW1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS18-MW1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS18-MW1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS18-MW1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS18-MW1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS18-MW1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18-MW1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS18-MW1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW1	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS18-MW1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019

SIS18-MW1	2-Butanone	2.0	ug/L	U	R	0.50
SIS18-MW1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW1	2-Hexanone	4.0	ug/L	U	U	0.12
SIS18-MW1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS18-MW1	Acetone	4.0	ug/L	U	UJ	1.0
SIS18-MW1	Benzene	0.40	ug/L	U	U	0.0080
SIS18-MW1	Bromobenzene	0.40	ug/L	U	U	0.026
SIS18-MW1	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS18-MW1	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS18-MW1	Bromoform	0.40	ug/L	U	U	0.019
SIS18-MW1	Bromomethane	0.40	ug/L	U	UJ	0.038
SIS18-MW1	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS18-MW1	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS18-MW1	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW1	Chloroethane	0.40	ug/L	U	U	0.070
SIS18-MW1	Chloroform	0.024	ug/L	J	J	0.010
SIS18-MW1	Chloromethane	0.14	ug/L	J	U	0.026
SIS18-MW1	cis-1,2-Dichloroethene	0.42	ug/L			0.022
SIS18-MW1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW1	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS18-MW1	Dibromomethane	0.40	ug/L	U	U	0.010
SIS18-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS18-MW1	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS18-MW1	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18-MW1	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS18-MW1	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW1	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS18-MW1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SIS18-MW1	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18-MW1	Naphthalene	0.40	ug/L	U	U	0.040
SIS18-MW1	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW1	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS18-MW1	o-Xylene	0.40	ug/L	U	U	0.026
SIS18-MW1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS18-MW1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW1	Styrene	0.40	ug/L	U	U	0.024
SIS18-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18-MW1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18-MW1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW1	Tetrachloroethene	0.35	ug/L	J	J	0.010
SIS18-MW1	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18-MW1	Toluene	0.091	ug/L	J	U	0.011
SIS18-MW1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS18-MW1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS18-MW1	Trichloroethene	0.79	ug/L			0.020
SIS18-MW1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS18-MW1	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS18-MW1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030

SIS18-MW2	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18-MW2	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS18-MW2	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS18-MW2	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS18-MW2	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW2	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS18-MW2	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS18-MW2	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW2	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW2	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS18-MW2	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW2	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS18-MW2	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS18-MW2	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW2	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS18-MW2	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18-MW2	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW2	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW2	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS18-MW2	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW2	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS18-MW2	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SIS18-MW2	2-Butanone	2.0	ug/L	U	U	0.50
SIS18-MW2	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW2	2-Hexanone	4.0	ug/L	U	U	0.12
SIS18-MW2	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW2	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS18-MW2	Acetone	4.0	ug/L	U	U	1.0
SIS18-MW2	Benzene	0.40	ug/L	U	U	0.0080
SIS18-MW2	Bromobenzene	0.40	ug/L	U	U	0.026
SIS18-MW2	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS18-MW2	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS18-MW2	Bromoform	0.40	ug/L	U	U	0.019
SIS18-MW2	Bromomethane	0.40	ug/L	U	U	0.038
SIS18-MW2	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS18-MW2	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS18-MW2	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW2	Chloroethane	0.40	ug/L	U	U	0.070
SIS18-MW2	Chloroform	0.40	ug/L	U	U	0.010
SIS18-MW2	Chloromethane	0.067	ug/L	J	U	0.026
SIS18-MW2	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SIS18-MW2	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW2	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS18-MW2	Dibromomethane	0.40	ug/L	U	U	0.010
SIS18-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS18-MW2	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS18-MW2	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18-MW2	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW2	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS18-MW2	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW2	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS18-MW2	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025

SIS18-MW2	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18-MW2	Naphthalene	0.40	ug/L	U	U	0.040
SIS18-MW2	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW2	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS18-MW2	o-Xylene	0.40	ug/L	U	U	0.026
SIS18-MW2	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS18-MW2	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW2	Styrene	0.40	ug/L	U	U	0.024
SIS18-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18-MW2	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18-MW2	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW2	Tetrachloroethene	0.40	ug/L	U	U	0.010
SIS18-MW2	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18-MW2	Toluene	0.40	ug/L	U	U	0.011
SIS18-MW2	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS18-MW2	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS18-MW2	Trichloroethene	0.40	ug/L	U	U	0.020
SIS18-MW2	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS18-MW2	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS18-MW2	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18-MW3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS18-MW3	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18-MW3	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	UJ	0.011
SIS18-MW3	1,1,1-Trichloroethane	0.40	ug/L	U	UJ	0.0090
SIS18-MW3	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	UJ	0.017
SIS18-MW3	1,1,2-Trichloroethane	0.40	ug/L	U	UJ	0.015
SIS18-MW3	1,1-Dichloroethane	0.40	ug/L	U	UJ	0.021
SIS18-MW3	1,1-Dichloroethene	0.40	ug/L	U	UJ	0.040
SIS18-MW3	1,1-Dichloropropene	0.40	ug/L	U	UJ	0.012
SIS18-MW3	1,2,3-Trichlorobenzene	0.40	ug/L	U	UJ	0.040
SIS18-MW3	1,2,3-Trichloropropane	0.40	ug/L	U	UJ	0.027
SIS18-MW3	1,2,4-Trichlorobenzene	0.40	ug/L	U	UJ	0.040
SIS18-MW3	1,2,4-Trimethylbenzene	0.40	ug/L	U	UJ	0.029
SIS18-MW3	1,2-Dichlorobenzene	0.40	ug/L	U	UJ	0.025
SIS18-MW3	1,2-Dichloroethane	0.40	ug/L	U	UJ	0.015
SIS18-MW3	1,2-Dichloropropane	0.40	ug/L	U	UJ	0.012
SIS18-MW3	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18-MW3	1,3,5-Trimethylbenzene	0.40	ug/L	U	UJ	0.024
SIS18-MW3	1,3-Dichlorobenzene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	1,3-Dichloropropane	0.40	ug/L	U	UJ	0.020
SIS18-MW3	1,4-Dichlorobenzene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	1-Chlorohexane	0.40	ug/L	U	UJ	0.040
SIS18-MW3	2,2-Dichloropropane	0.40	ug/L	U	UJ	0.019
SIS18-MW3	2-Butanone	2.0	ug/L	U	R	0.50
SIS18-MW3	2-Chlorotoluene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	2-Hexanone	4.0	ug/L	U	UJ	0.12
SIS18-MW3	4-Chlorotoluene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	4-Methyl-2-pentanone	4.0	ug/L	U	UJ	0.18
SIS18-MW3	Acetone	4.0	ug/L	U	UJ	1.0
SIS18-MW3	Benzene	0.40	ug/L	U	UJ	0.0080
SIS18-MW3	Bromobenzene	0.40	ug/L	U	UJ	0.026

SIS18-MW3	Bromochloromethane	0.40	ug/L	U	UJ	0.030
SIS18-MW3	Bromodichloromethane	0.40	ug/L	U	UJ	0.016
SIS18-MW3	Bromoform	0.40	ug/L	U	UJ	0.019
SIS18-MW3	Bromomethane	0.40	ug/L	U	UJ	0.038
SIS18-MW3	Carbon disulfide	0.80	ug/L	U	UJ	0.070
SIS18-MW3	Carbon tetrachloride	0.40	ug/L	U	UJ	0.018
SIS18-MW3	Chlorobenzene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	Chloroethane	0.40	ug/L	U	UJ	0.070
SIS18-MW3	Chloroform	0.050	ug/L	J	J	0.010
SIS18-MW3	Chloromethane	0.066	ug/L	J	U	0.026
SIS18-MW3	cis-1,2-Dichloroethene	0.24	ug/L	J	J	0.022
SIS18-MW3	cis-1,3-Dichloropropene	0.40	ug/L	U	UJ	0.012
SIS18-MW3	Dibromochloromethane	0.40	ug/L	U	UJ	0.018
SIS18-MW3	Dibromomethane	0.40	ug/L	U	UJ	0.010
SIS18-MW3	Dichlorodifluoromethane	0.20	ug/L	U	UJ	0.013
SIS18-MW3	Diisopropyl ether	0.40	ug/L	U	UJ	0.040
SIS18-MW3	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18-MW3	Ethylbenzene	0.40	ug/L	U	UJ	0.027
SIS18-MW3	Hexachlorobutadiene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	Isopropylbenzene	0.40	ug/L	U	UJ	0.026
SIS18-MW3	m,p-Xylenes	0.80	ug/L	U	UJ	0.060
SIS18-MW3	Methyl tert-butyl ether	0.40	ug/L	U	UJ	0.025
SIS18-MW3	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18-MW3	Naphthalene	0.40	ug/L	U	UJ	0.040
SIS18-MW3	n-Butylbenzene	0.40	ug/L	U	UJ	0.027
SIS18-MW3	n-Propylbenzene	0.40	ug/L	U	UJ	0.030
SIS18-MW3	o-Xylene	0.40	ug/L	U	UJ	0.026
SIS18-MW3	p-Isopropyltoluene	0.40	ug/L	U	UJ	0.025
SIS18-MW3	sec-Butylbenzene	0.40	ug/L	U	UJ	0.024
SIS18-MW3	Styrene	0.40	ug/L	U	UJ	0.024
SIS18-MW3	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18-MW3	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18-MW3	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18-MW3	tert-Butylbenzene	0.40	ug/L	U	UJ	0.026
SIS18-MW3	Tetrachloroethene	0.39	ug/L	J	J	0.010
SIS18-MW3	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18-MW3	Toluene	0.079	ug/L	J	U	0.011
SIS18-MW3	trans-1,2-Dichloroethene	0.40	ug/L	U	UJ	0.026
SIS18-MW3	trans-1,3-Dichloropropene	0.40	ug/L	U	UJ	0.014
SIS18-MW3	Trichloroethene	0.46	ug/L		J	0.020
SIS18-MW3	Trichlorofluoromethane	0.20	ug/L	U	UJ	0.022
SIS18-MW3	Vinyl chloride	0.20	ug/L	U	UJ	0.019
SIS18-MW3	1,4-Dioxane	1.0	ug/L	U	U	1.0
SIS18-MW4	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SIS18-MW4	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SIS18-MW4	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SIS18-MW4	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SIS18-MW4	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SIS18-MW4	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW4	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SIS18-MW4	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SIS18-MW4	1,1-Dichloropropene	0.40	ug/L	U	U	0.012

SIS18-MW4	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW4	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SIS18-MW4	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SIS18-MW4	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SIS18-MW4	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SIS18-MW4	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SIS18-MW4	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SIS18-MW4	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SIS18-MW4	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW4	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW4	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SIS18-MW4	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW4	1-Chlorohexane	0.40	ug/L	U	U	0.040
SIS18-MW4	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SIS18-MW4	2-Butanone	2.0	ug/L	U	R	0.50
SIS18-MW4	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW4	2-Hexanone	4.0	ug/L	U	U	0.12
SIS18-MW4	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SIS18-MW4	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SIS18-MW4	Acetone	4.0	ug/L	U	UJ	1.0
SIS18-MW4	Benzene	0.40	ug/L	U	U	0.0080
SIS18-MW4	Bromobenzene	0.40	ug/L	U	U	0.026
SIS18-MW4	Bromochloromethane	0.40	ug/L	U	U	0.030
SIS18-MW4	Bromodichloromethane	0.40	ug/L	U	U	0.016
SIS18-MW4	Bromoform	0.40	ug/L	U	U	0.019
SIS18-MW4	Bromomethane	0.40	ug/L	U	UJ	0.038
SIS18-MW4	Carbon disulfide	0.80	ug/L	U	U	0.070
SIS18-MW4	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SIS18-MW4	Chlorobenzene	0.40	ug/L	U	U	0.030
SIS18-MW4	Chloroethane	0.40	ug/L	U	U	0.070
SIS18-MW4	Chloroform	0.40	ug/L	U	U	0.010
SIS18-MW4	Chloromethane	0.40	ug/L	U	U	0.026
SIS18-MW4	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SIS18-MW4	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SIS18-MW4	Dibromochloromethane	0.40	ug/L	U	U	0.018
SIS18-MW4	Dibromomethane	0.40	ug/L	U	U	0.010
SIS18-MW4	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SIS18-MW4	Diisopropyl ether	0.40	ug/L	U	U	0.040
SIS18-MW4	Ethyl ether	1.0	ug/L	U	U	0.22
SIS18-MW4	Ethylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW4	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SIS18-MW4	Isopropylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW4	m,p-Xylenes	0.80	ug/L	U	U	0.060
SIS18-MW4	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SIS18-MW4	Methylene chloride	0.40	ug/L	U	UJ	0.20
SIS18-MW4	Naphthalene	0.40	ug/L	U	U	0.040
SIS18-MW4	n-Butylbenzene	0.40	ug/L	U	U	0.027
SIS18-MW4	n-Propylbenzene	0.40	ug/L	U	U	0.030
SIS18-MW4	o-Xylene	0.40	ug/L	U	U	0.026
SIS18-MW4	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SIS18-MW4	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SIS18-MW4	Styrene	0.40	ug/L	U	U	0.024

SIS18-MW4	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SIS18-MW4	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SIS18-MW4	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SIS18-MW4	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SIS18-MW4	Tetrachloroethene	0.10	ug/L	J	J	0.010
SIS18-MW4	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SIS18-MW4	Toluene	0.064	ug/L	J	U	0.011
SIS18-MW4	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SIS18-MW4	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SIS18-MW4	Trichloroethene	0.40	ug/L	U	U	0.020
SIS18-MW4	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SIS18-MW4	Vinyl chloride	0.20	ug/L	U	U	0.019
SIS18-MW4	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS008-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS008-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS008-MW1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS008-MW1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS008-MW1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS008-MW1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS008-MW1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS008-MW1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS008-MW1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS008-MW1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS008-MW1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS008-MW1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS008-MW1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS008-MW1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS008-MW1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS008-MW1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS008-MW1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW1	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS008-MW1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS008-MW1	2-Butanone	2.0	ug/L	U	U	0.50
SS008-MW1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW1	2-Hexanone	4.0	ug/L	U	U	0.12
SS008-MW1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS008-MW1	Acetone	4.0	ug/L	U	U	1.0
SS008-MW1	Benzene	0.40	ug/L	U	U	0.0080
SS008-MW1	Bromobenzene	0.40	ug/L	U	U	0.026
SS008-MW1	Bromochloromethane	0.40	ug/L	U	U	0.030
SS008-MW1	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS008-MW1	Bromoform	0.40	ug/L	U	U	0.019
SS008-MW1	Bromomethane	0.40	ug/L	U	U	0.038
SS008-MW1	Carbon disulfide	0.80	ug/L	U	U	0.070
SS008-MW1	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS008-MW1	Chlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW1	Chloroethane	0.40	ug/L	U	U	0.070

SS008-MW1	Chloroform	0.40	ug/L	U	U	0.010
SS008-MW1	Chloromethane	0.40	ug/L	U	U	0.026
SS008-MW1	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS008-MW1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW1	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS008-MW1	Dibromomethane	0.40	ug/L	U	U	0.010
SS008-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS008-MW1	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS008-MW1	Ethyl ether	1.0	ug/L	U	U	0.22
SS008-MW1	Ethylbenzene	0.40	ug/L	U	U	0.027
SS008-MW1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS008-MW1	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS008-MW1	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS008-MW1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS008-MW1	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS008-MW1	Naphthalene	0.40	ug/L	U	U	0.040
SS008-MW1	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS008-MW1	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS008-MW1	o-Xylene	0.40	ug/L	U	U	0.026
SS008-MW1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS008-MW1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS008-MW1	Styrene	0.40	ug/L	U	U	0.024
SS008-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS008-MW1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS008-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS008-MW1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS008-MW1	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS008-MW1	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS008-MW1	Toluene	0.40	ug/L	U	U	0.011
SS008-MW1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS008-MW1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS008-MW1	Trichloroethene	0.40	ug/L	U	U	0.020
SS008-MW1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS008-MW1	Vinyl chloride	0.20	ug/L	U	U	0.019
SS008-MW1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS008-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS008-MW2	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS008-MW2	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS008-MW2	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS008-MW2	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS008-MW2	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS008-MW2	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS008-MW2	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS008-MW2	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW2	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW2	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS008-MW2	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW2	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS008-MW2	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS008-MW2	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS008-MW2	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS008-MW2	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30

SS008-MW2	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS008-MW2	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW2	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS008-MW2	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW2	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS008-MW2	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS008-MW2	2-Butanone	2.0	ug/L	U	U	0.50
SS008-MW2	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW2	2-Hexanone	4.0	ug/L	U	U	0.12
SS008-MW2	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW2	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS008-MW2	Acetone	4.0	ug/L	U	U	1.0
SS008-MW2	Benzene	0.40	ug/L	U	U	0.0080
SS008-MW2	Bromobenzene	0.40	ug/L	U	U	0.026
SS008-MW2	Bromochloromethane	0.40	ug/L	U	U	0.030
SS008-MW2	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS008-MW2	Bromoform	0.40	ug/L	U	U	0.019
SS008-MW2	Bromomethane	0.40	ug/L	U	U	0.038
SS008-MW2	Carbon disulfide	0.80	ug/L	U	U	0.070
SS008-MW2	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS008-MW2	Chlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW2	Chloroethane	0.40	ug/L	U	U	0.070
SS008-MW2	Chloroform	0.40	ug/L	U	U	0.010
SS008-MW2	Chloromethane	0.11	ug/L	J	U	0.026
SS008-MW2	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS008-MW2	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW2	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS008-MW2	Dibromomethane	0.40	ug/L	U	U	0.010
SS008-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS008-MW2	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS008-MW2	Ethyl ether	1.0	ug/L	U	U	0.22
SS008-MW2	Ethylbenzene	0.40	ug/L	U	U	0.027
SS008-MW2	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS008-MW2	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS008-MW2	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS008-MW2	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS008-MW2	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS008-MW2	Naphthalene	0.40	ug/L	U	U	0.040
SS008-MW2	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS008-MW2	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS008-MW2	o-Xylene	0.40	ug/L	U	U	0.026
SS008-MW2	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS008-MW2	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS008-MW2	Styrene	0.40	ug/L	U	U	0.024
SS008-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS008-MW2	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS008-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS008-MW2	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS008-MW2	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS008-MW2	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS008-MW2	Toluene	0.40	ug/L	U	U	0.011
SS008-MW2	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026

SS008-MW2	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS008-MW2	Trichloroethene	0.40	ug/L	U	U	0.020
SS008-MW2	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS008-MW2	Vinyl chloride	0.20	ug/L	U	U	0.019
SS008-MW2	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS008-MW3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS008-MW3	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS008-MW3	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS008-MW3	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS008-MW3	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS008-MW3	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS008-MW3	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS008-MW3	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS008-MW3	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW3	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW3	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS008-MW3	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW3	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS008-MW3	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS008-MW3	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS008-MW3	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS008-MW3	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS008-MW3	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS008-MW3	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW3	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS008-MW3	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW3	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS008-MW3	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS008-MW3	2-Butanone	2.0	ug/L	U	U	0.50
SS008-MW3	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW3	2-Hexanone	4.0	ug/L	U	U	0.12
SS008-MW3	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW3	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS008-MW3	Acetone	4.0	ug/L	U	U	1.0
SS008-MW3	Benzene	0.40	ug/L	U	U	0.0080
SS008-MW3	Bromobenzene	0.40	ug/L	U	U	0.026
SS008-MW3	Bromochloromethane	0.40	ug/L	U	U	0.030
SS008-MW3	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS008-MW3	Bromoform	0.40	ug/L	U	U	0.019
SS008-MW3	Bromomethane	0.40	ug/L	U	U	0.038
SS008-MW3	Carbon disulfide	0.80	ug/L	U	U	0.070
SS008-MW3	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS008-MW3	Chlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW3	Chloroethane	0.40	ug/L	U	U	0.070
SS008-MW3	Chloroform	0.40	ug/L	U	U	0.010
SS008-MW3	Chloromethane	0.40	ug/L	U	U	0.026
SS008-MW3	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS008-MW3	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW3	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS008-MW3	Dibromomethane	0.40	ug/L	U	U	0.010
SS008-MW3	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS008-MW3	Diisopropyl ether	0.40	ug/L	U	U	0.040

SS008-MW3	Ethyl ether	1.0	ug/L	U	U	0.22
SS008-MW3	Ethylbenzene	0.40	ug/L	U	U	0.027
SS008-MW3	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS008-MW3	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS008-MW3	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS008-MW3	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS008-MW3	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS008-MW3	Naphthalene	0.40	ug/L	U	U	0.040
SS008-MW3	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS008-MW3	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS008-MW3	o-Xylene	0.40	ug/L	U	U	0.026
SS008-MW3	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS008-MW3	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS008-MW3	Styrene	0.40	ug/L	U	U	0.024
SS008-MW3	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS008-MW3	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS008-MW3	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS008-MW3	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS008-MW3	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS008-MW3	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS008-MW3	Toluene	0.078	ug/L	J	U	0.011
SS008-MW3	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS008-MW3	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS008-MW3	Trichloroethene	0.40	ug/L	U	U	0.020
SS008-MW3	Trichlorofluoromethane	4.2	ug/L			0.022
SS008-MW3	Vinyl chloride	0.20	ug/L	U	U	0.019
SS008-MW3	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS008-MW4	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS008-MW4	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS008-MW4	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS008-MW4	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS008-MW4	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS008-MW4	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS008-MW4	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS008-MW4	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS008-MW4	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW4	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW4	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS008-MW4	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS008-MW4	1,2,4-Trimethylbenzene	0.40	ug/L	UM	UJ	0.029
SS008-MW4	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS008-MW4	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS008-MW4	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS008-MW4	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS008-MW4	1,3,5-Trimethylbenzene	0.40	ug/L	UM	UJ	0.024
SS008-MW4	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW4	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS008-MW4	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW4	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS008-MW4	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS008-MW4	2-Butanone	2.0	ug/L	U	U	0.50
SS008-MW4	2-Chlorotoluene	0.40	ug/L	U	U	0.030

SS008-MW4	2-Hexanone	4.0	ug/L	U	U	0.12
SS008-MW4	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS008-MW4	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS008-MW4	Acetone	4.0	ug/L	U	U	1.0
SS008-MW4	Benzene	0.40	ug/L	U	U	0.0080
SS008-MW4	Bromobenzene	0.40	ug/L	U	U	0.026
SS008-MW4	Bromochloromethane	0.40	ug/L	U	U	0.030
SS008-MW4	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS008-MW4	Bromoform	0.40	ug/L	U	U	0.019
SS008-MW4	Bromomethane	0.40	ug/L	U	U	0.038
SS008-MW4	Carbon disulfide	0.80	ug/L	U	U	0.070
SS008-MW4	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS008-MW4	Chlorobenzene	0.40	ug/L	U	U	0.030
SS008-MW4	Chloroethane	0.40	ug/L	U	U	0.070
SS008-MW4	Chloroform	0.070	ug/L	J	J	0.010
SS008-MW4	Chloromethane	0.065	ug/L	JM	U	0.026
SS008-MW4	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS008-MW4	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS008-MW4	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS008-MW4	Dibromomethane	0.40	ug/L	U	U	0.010
SS008-MW4	Dichlorodifluoromethane	0.20	ug/L	U	UJ	0.013
SS008-MW4	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS008-MW4	Ethyl ether	1.0	ug/L	U	U	0.22
SS008-MW4	Ethylbenzene	0.40	ug/L	U	U	0.027
SS008-MW4	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS008-MW4	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS008-MW4	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS008-MW4	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS008-MW4	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS008-MW4	Naphthalene	0.40	ug/L	U	U	0.040
SS008-MW4	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS008-MW4	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS008-MW4	o-Xylene	0.40	ug/L	U	U	0.026
SS008-MW4	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS008-MW4	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS008-MW4	Styrene	0.40	ug/L	UM	UJ	0.024
SS008-MW4	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS008-MW4	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS008-MW4	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS008-MW4	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS008-MW4	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS008-MW4	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS008-MW4	Toluene	0.23	ug/L	J	U	0.011
SS008-MW4	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS008-MW4	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS008-MW4	Trichloroethene	0.40	ug/L	U	U	0.020
SS008-MW4	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS008-MW4	Vinyl chloride	0.20	ug/L	U	U	0.019
SS008-MW4	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS009-MW1	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS009-MW1	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS009-MW1	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011

SS009-MW1	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS009-MW1	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS009-MW1	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS009-MW1	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS009-MW1	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS009-MW1	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW1	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW1	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS009-MW1	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW1	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS009-MW1	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS009-MW1	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS009-MW1	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS009-MW1	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS009-MW1	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS009-MW1	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW1	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS009-MW1	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW1	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS009-MW1	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS009-MW1	2-Butanone	2.0	ug/L	U	U	0.50
SS009-MW1	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW1	2-Hexanone	4.0	ug/L	U	U	0.12
SS009-MW1	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW1	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS009-MW1	Acetone	4.0	ug/L	U	U	1.0
SS009-MW1	Benzene	0.40	ug/L	U	U	0.0080
SS009-MW1	Bromobenzene	0.40	ug/L	U	U	0.026
SS009-MW1	Bromochloromethane	0.40	ug/L	U	U	0.030
SS009-MW1	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS009-MW1	Bromoform	0.40	ug/L	U	U	0.019
SS009-MW1	Bromomethane	0.40	ug/L	U	U	0.038
SS009-MW1	Carbon disulfide	0.80	ug/L	U	U	0.070
SS009-MW1	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS009-MW1	Chlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW1	Chloroethane	0.40	ug/L	U	U	0.070
SS009-MW1	Chloroform	0.40	ug/L	U	U	0.010
SS009-MW1	Chloromethane	0.40	ug/L	U	U	0.026
SS009-MW1	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS009-MW1	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW1	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS009-MW1	Dibromomethane	0.40	ug/L	U	U	0.010
SS009-MW1	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS009-MW1	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS009-MW1	Ethyl ether	1.0	ug/L	U	U	0.22
SS009-MW1	Ethylbenzene	0.40	ug/L	U	U	0.027
SS009-MW1	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS009-MW1	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS009-MW1	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS009-MW1	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS009-MW1	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS009-MW1	Naphthalene	0.40	ug/L	U	U	0.040

SS009-MW1	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS009-MW1	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS009-MW1	o-Xylene	0.40	ug/L	U	U	0.026
SS009-MW1	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS009-MW1	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS009-MW1	Styrene	0.40	ug/L	U	U	0.024
SS009-MW1	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS009-MW1	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS009-MW1	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS009-MW1	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS009-MW1	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS009-MW1	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS009-MW1	Toluene	0.40	ug/L	U	U	0.011
SS009-MW1	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS009-MW1	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS009-MW1	Trichloroethene	0.40	ug/L	U	U	0.020
SS009-MW1	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS009-MW1	Vinyl chloride	0.20	ug/L	U	U	0.019
SS009-MW1	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS009-MW2	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS009-MW2	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS009-MW2	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS009-MW2	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS009-MW2	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS009-MW2	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS009-MW2	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS009-MW2	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS009-MW2	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW2	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW2	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
SS009-MW2	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW2	1,2,4-Trimethylbenzene	0.055	ug/L	J	J	0.029
SS009-MW2	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS009-MW2	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS009-MW2	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS009-MW2	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS009-MW2	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS009-MW2	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW2	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS009-MW2	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW2	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS009-MW2	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS009-MW2	2-Butanone	2.0	ug/L	U	U	0.50
SS009-MW2	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW2	2-Hexanone	4.0	ug/L	U	U	0.12
SS009-MW2	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW2	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS009-MW2	Acetone	4.0	ug/L	U	U	1.0
SS009-MW2	Benzene	0.40	ug/L	U	U	0.0080
SS009-MW2	Bromobenzene	0.40	ug/L	U	U	0.026
SS009-MW2	Bromochloromethane	0.40	ug/L	U	U	0.030
SS009-MW2	Bromodichloromethane	0.40	ug/L	U	U	0.016

SS009-MW2	Bromoform	0.40	ug/L	U	U	0.019
SS009-MW2	Bromomethane	0.40	ug/L	U	U	0.038
SS009-MW2	Carbon disulfide	0.80	ug/L	U	U	0.070
SS009-MW2	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS009-MW2	Chlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW2	Chloroethane	0.40	ug/L	U	U	0.070
SS009-MW2	Chloroform	0.043	ug/L	J	J	0.010
SS009-MW2	Chloromethane	0.068	ug/L	J	U	0.026
SS009-MW2	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS009-MW2	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW2	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS009-MW2	Dibromomethane	0.40	ug/L	U	U	0.010
SS009-MW2	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS009-MW2	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS009-MW2	Ethyl ether	1.0	ug/L	U	U	0.22
SS009-MW2	Ethylbenzene	0.047	ug/L	J	J	0.027
SS009-MW2	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS009-MW2	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS009-MW2	m,p-Xylenes	0.14	ug/L	J	J	0.060
SS009-MW2	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
SS009-MW2	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS009-MW2	Naphthalene	0.40	ug/L	U	U	0.040
SS009-MW2	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS009-MW2	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS009-MW2	o-Xylene	0.064	ug/L	J	J	0.026
SS009-MW2	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS009-MW2	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS009-MW2	Styrene	0.40	ug/L	U	U	0.024
SS009-MW2	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS009-MW2	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
SS009-MW2	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS009-MW2	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS009-MW2	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS009-MW2	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS009-MW2	Toluene	0.20	ug/L	J	U	0.011
SS009-MW2	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS009-MW2	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS009-MW2	Trichloroethene	0.40	ug/L	U	U	0.020
SS009-MW2	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS009-MW2	Vinyl chloride	0.20	ug/L	U	U	0.019
SS009-MW2	1,4-Dioxane	1.0	ug/L	U	U	1.0
SS009-MW3	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
SS009-MW3	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
SS009-MW3	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
SS009-MW3	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
SS009-MW3	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
SS009-MW3	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
SS009-MW3	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
SS009-MW3	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
SS009-MW3	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW3	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW3	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027

SS009-MW3	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
SS009-MW3	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
SS009-MW3	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
SS009-MW3	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
SS009-MW3	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
SS009-MW3	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
SS009-MW3	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
SS009-MW3	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW3	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
SS009-MW3	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW3	1-Chlorohexane	0.40	ug/L	U	U	0.040
SS009-MW3	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
SS009-MW3	2-Butanone	2.0	ug/L	U	U	0.50
SS009-MW3	2-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW3	2-Hexanone	4.0	ug/L	U	U	0.12
SS009-MW3	4-Chlorotoluene	0.40	ug/L	U	U	0.030
SS009-MW3	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
SS009-MW3	Acetone	4.0	ug/L	U	U	1.0
SS009-MW3	Benzene	0.40	ug/L	U	U	0.0080
SS009-MW3	Bromobenzene	0.40	ug/L	U	U	0.026
SS009-MW3	Bromochloromethane	0.40	ug/L	U	U	0.030
SS009-MW3	Bromodichloromethane	0.40	ug/L	U	U	0.016
SS009-MW3	Bromoform	0.40	ug/L	U	U	0.019
SS009-MW3	Bromomethane	0.40	ug/L	U	U	0.038
SS009-MW3	Carbon disulfide	0.80	ug/L	U	U	0.070
SS009-MW3	Carbon tetrachloride	0.40	ug/L	U	U	0.018
SS009-MW3	Chlorobenzene	0.40	ug/L	U	U	0.030
SS009-MW3	Chloroethane	0.40	ug/L	U	U	0.070
SS009-MW3	Chloroform	0.40	ug/L	U	U	0.010
SS009-MW3	Chloromethane	0.12	ug/L	J	U	0.026
SS009-MW3	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
SS009-MW3	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
SS009-MW3	Dibromochloromethane	0.40	ug/L	U	U	0.018
SS009-MW3	Dibromomethane	0.40	ug/L	U	U	0.010
SS009-MW3	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
SS009-MW3	Diisopropyl ether	0.40	ug/L	U	U	0.040
SS009-MW3	Ethyl ether	1.0	ug/L	U	U	0.22
SS009-MW3	Ethylbenzene	0.40	ug/L	U	U	0.027
SS009-MW3	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
SS009-MW3	Isopropylbenzene	0.40	ug/L	U	U	0.026
SS009-MW3	m,p-Xylenes	0.80	ug/L	U	U	0.060
SS009-MW3	Methyl tert-butyl ether	0.45	ug/L			0.025
SS009-MW3	Methylene chloride	0.40	ug/L	U	UJ	0.20
SS009-MW3	Naphthalene	0.40	ug/L	U	U	0.040
SS009-MW3	n-Butylbenzene	0.40	ug/L	U	U	0.027
SS009-MW3	n-Propylbenzene	0.40	ug/L	U	U	0.030
SS009-MW3	o-Xylene	0.40	ug/L	U	U	0.026
SS009-MW3	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
SS009-MW3	sec-Butylbenzene	0.40	ug/L	U	U	0.024
SS009-MW3	Styrene	0.40	ug/L	U	U	0.024
SS009-MW3	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
SS009-MW3	Tert-Butyl Alcohol	20	ug/L	U	R	7.0

SS009-MW3	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
SS009-MW3	tert-Butylbenzene	0.40	ug/L	U	U	0.026
SS009-MW3	Tetrachloroethene	0.40	ug/L	U	U	0.010
SS009-MW3	Tetrahydrofuran	4.0	ug/L	U	R	0.30
SS009-MW3	Toluene	0.23	ug/L	J	U	0.011
SS009-MW3	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
SS009-MW3	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
SS009-MW3	Trichloroethene	0.40	ug/L	U	U	0.020
SS009-MW3	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
SS009-MW3	Vinyl chloride	0.20	ug/L	U	U	0.019
SS009-MW3	1,4-Dioxane	1.0	ug/L	U	U	1.0
TRIP BLANK 051010	1,2-Dibromo-3-chloropropane	0.090	ug/L	U	U	0.030
TRIP BLANK 051010	1,2-Dibromoethane	0.090	ug/L	U	U	0.030
TRIP BLANK 051010	1,1,1,2-Tetrachloroethane	0.40	ug/L	U	U	0.011
TRIP BLANK 051010	1,1,1-Trichloroethane	0.40	ug/L	U	U	0.0090
TRIP BLANK 051010	1,1,2,2-Tetrachloroethane	0.40	ug/L	U	U	0.017
TRIP BLANK 051010	1,1,2-Trichloroethane	0.40	ug/L	U	U	0.015
TRIP BLANK 051010	1,1-Dichloroethane	0.40	ug/L	U	U	0.021
TRIP BLANK 051010	1,1-Dichloroethene	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	1,1-Dichloropropene	0.40	ug/L	U	U	0.012
TRIP BLANK 051010	1,2,3-Trichlorobenzene	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	1,2,3-Trichloropropane	0.40	ug/L	U	U	0.027
TRIP BLANK 051010	1,2,4-Trichlorobenzene	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	1,2,4-Trimethylbenzene	0.40	ug/L	U	U	0.029
TRIP BLANK 051010	1,2-Dichlorobenzene	0.40	ug/L	U	U	0.025
TRIP BLANK 051010	1,2-Dichloroethane	0.40	ug/L	U	U	0.015
TRIP BLANK 051010	1,2-Dichloropropane	0.40	ug/L	U	U	0.012
TRIP BLANK 051010	1,3,5-Trichlorobenzene	1.0	ug/L	U	U	0.30
TRIP BLANK 051010	1,3,5-Trimethylbenzene	0.40	ug/L	U	U	0.024
TRIP BLANK 051010	1,3-Dichlorobenzene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	1,3-Dichloropropane	0.40	ug/L	U	U	0.020
TRIP BLANK 051010	1,4-Dichlorobenzene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	1-Chlorohexane	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	2,2-Dichloropropane	0.40	ug/L	U	U	0.019
TRIP BLANK 051010	2-Butanone	2.0	ug/L	U	R	0.50
TRIP BLANK 051010	2-Chlorotoluene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	2-Hexanone	4.0	ug/L	U	U	0.12
TRIP BLANK 051010	4-Chlorotoluene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	4-Methyl-2-pentanone	4.0	ug/L	U	U	0.18
TRIP BLANK 051010	Acetone	4.0	ug/L	U	UJ	1.0
TRIP BLANK 051010	Benzene	0.40	ug/L	U	U	0.0080
TRIP BLANK 051010	Bromobenzene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	Bromochloromethane	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	Bromodichloromethane	0.40	ug/L	U	U	0.016
TRIP BLANK 051010	Bromoform	0.40	ug/L	U	U	0.019
TRIP BLANK 051010	Bromomethane	0.40	ug/L	U	UJ	0.038
TRIP BLANK 051010	Carbon disulfide	0.80	ug/L	U	U	0.070
TRIP BLANK 051010	Carbon tetrachloride	0.40	ug/L	U	U	0.018
TRIP BLANK 051010	Chlorobenzene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	Chloroethane	0.40	ug/L	U	U	0.070
TRIP BLANK 051010	Chloroform	0.40	ug/L	U	U	0.010
TRIP BLANK 051010	Chloromethane	0.084	ug/L	J	J	0.026

TRIP BLANK 051010	cis-1,2-Dichloroethene	0.40	ug/L	U	U	0.022
TRIP BLANK 051010	cis-1,3-Dichloropropene	0.40	ug/L	U	U	0.012
TRIP BLANK 051010	Dibromochloromethane	0.40	ug/L	U	U	0.018
TRIP BLANK 051010	Dibromomethane	0.40	ug/L	U	U	0.010
TRIP BLANK 051010	Dichlorodifluoromethane	0.20	ug/L	U	U	0.013
TRIP BLANK 051010	Diisopropyl ether	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	Ethyl ether	1.0	ug/L	U	U	0.22
TRIP BLANK 051010	Ethylbenzene	0.40	ug/L	U	U	0.027
TRIP BLANK 051010	Hexachlorobutadiene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	Isopropylbenzene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	m,p-Xylenes	0.80	ug/L	U	U	0.060
TRIP BLANK 051010	Methyl tert-butyl ether	0.40	ug/L	U	U	0.025
TRIP BLANK 051010	Methylene chloride	0.40	ug/L	U	UJ	0.20
TRIP BLANK 051010	Naphthalene	0.40	ug/L	U	U	0.040
TRIP BLANK 051010	n-Butylbenzene	0.40	ug/L	U	U	0.027
TRIP BLANK 051010	n-Propylbenzene	0.40	ug/L	U	U	0.030
TRIP BLANK 051010	o-Xylene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	p-Isopropyltoluene	0.40	ug/L	U	U	0.025
TRIP BLANK 051010	sec-Butylbenzene	0.40	ug/L	U	U	0.024
TRIP BLANK 051010	Styrene	0.40	ug/L	U	U	0.024
TRIP BLANK 051010	Tert-amyl methyl ether	1.0	ug/L	U	U	0.14
TRIP BLANK 051010	Tert-Butyl Alcohol	20	ug/L	U	R	7.0
TRIP BLANK 051010	Tert-butyl ethyl ether	1.0	ug/L	U	U	0.11
TRIP BLANK 051010	tert-Butylbenzene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	Tetrachloroethene	0.40	ug/L	U	U	0.010
TRIP BLANK 051010	Tetrahydrofuran	4.0	ug/L	U	R	0.30
TRIP BLANK 051010	Toluene	0.40	ug/L	U	U	0.011
TRIP BLANK 051010	trans-1,2-Dichloroethene	0.40	ug/L	U	U	0.026
TRIP BLANK 051010	trans-1,3-Dichloropropene	0.40	ug/L	U	U	0.014
TRIP BLANK 051010	Trichloroethene	0.40	ug/L	U	U	0.020
TRIP BLANK 051010	Trichlorofluoromethane	0.20	ug/L	U	U	0.022
TRIP BLANK 051010	Vinyl chloride	0.20	ug/L	U	U	0.019
TRIP BLANK 051010	1,4-Dioxane	1.0	ug/L	U	U	1.0
FIELD BLANK #2	Copper	1.2	ug/L	U	U	1.2
FIELD BLANK #2	Calcium	15	ug/L	U	U	15
FIELD BLANK #2	Manganese	0.70	ug/L	U	U	0.70
FIELD BLANK #2	Magnesium	56	ug/L			3.0
FIELD BLANK #2	Iron	9.0	ug/L	U	U	9.0
FIELD BLANK #2	Aluminum	4.0	ug/L	U	U	4.0
FIELD BLANK #2	Mercury	0.040	ug/L	U	U	0.040
FIELD BLANK #2	Aroclor 1221	0.50	ug/L	U	U	0.085
FIELD BLANK #2	Aroclor 1248	0.50	ug/L	U	U	0.088
FIELD BLANK #2	Aroclor 1254	0.50	ug/L	U	U	0.094
FIELD BLANK #2	Aroclor 1242	0.50	ug/L	U	U	0.096
FIELD BLANK #2	Aroclor 1260	0.50	ug/L	U	U	0.099
FIELD BLANK #2	Aroclor 1016	0.50	ug/L	U	U	0.11
FIELD BLANK #2	Aroclor 1232	0.50	ug/L	U	U	0.15
FIELD BLANK #2	Benzo(a)pyrene	1.0	ug/L	U	U	0.070
FIELD BLANK #2	1,2,4-Trichlorobenzene	1.0	ug/L	U	U	0.070
FIELD BLANK #2	Hexachloroethane	1.0	ug/L	U	U	0.070
FIELD BLANK #2	4-Chlorophenyl phenyl ether	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Benzo(a)anthracene	1.0	ug/L	U	U	0.080

FIELD BLANK #2	1,3-Dichlorobenzene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	1,2-Dichlorobenzene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	1,4-Dichlorobenzene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Chrysene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Dibenzofuran	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Phenanthrene	1.0	ug/L	U	U	0.080
FIELD BLANK #2	Benzo(k)fluoranthene	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Bis(2-chloroethoxy)methane	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Indeno(1,2,3-cd)pyrene	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Anthracene	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Fluoranthene	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Bis(2-chloroisopropyl) ether	1.0	ug/L	U	U	0.090
FIELD BLANK #2	Benzo(b)fluoranthene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	Benzo(g,h,i)perylene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	Pyrene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	2-Chloronaphthalene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	Acenaphthene	1.0	ug/L	U	U	0.10
FIELD BLANK #2	2-Nitroaniline	1.0	ug/L	U	U	0.11
FIELD BLANK #2	Butylbenzyl phthalate	1.0	ug/L	U	U	0.11
FIELD BLANK #2	Isophorone	1.0	ug/L	U	U	0.11
FIELD BLANK #2	2,6-Dinitrotoluene	1.0	ug/L	U	U	0.12
FIELD BLANK #2	Acenaphthylene	1.0	ug/L	U	U	0.12
FIELD BLANK #2	2-Methylnaphthalene	1.0	ug/L	U	U	0.12
FIELD BLANK #2	Carbazole	1.0	ug/L	UQ	U	0.14
FIELD BLANK #2	Dibenzo(a,h)anthracene	1.0	ug/L	U	U	0.14
FIELD BLANK #2	4-Bromophenyl phenyl ether	1.0	ug/L	U	U	0.15
FIELD BLANK #2	Fluorene	1.0	ug/L	U	U	0.15
FIELD BLANK #2	Nitrobenzene	1.0	ug/L	U	U	0.15
FIELD BLANK #2	Di-n-octyl phthalate	1.0	ug/L	U	U	0.16
FIELD BLANK #2	4-Chloroaniline	1.0	ug/L	U	U	0.17
FIELD BLANK #2	N-Nitroso-di-n-propylamine	1.0	ug/L	U	U	0.18
FIELD BLANK #2	1,2-Diphenylhydrazine	2.0	ug/L	U	U	0.18
FIELD BLANK #2	2,4-Dinitrotoluene	1.0	ug/L	U	U	0.19
FIELD BLANK #2	N-Nitrosodiphenylamine	2.0	ug/L	U	U	0.19
FIELD BLANK #2	Bis(2-chloroethyl) ether	1.0	ug/L	U	U	0.20
FIELD BLANK #2	3-Nitroaniline	1.0	ug/L	U	U	0.21
FIELD BLANK #2	Hexachlorobenzene	1.0	ug/L	U	U	0.22
FIELD BLANK #2	Hexachlorobutadiene	1.0	ug/L	U	U	0.30
FIELD BLANK #2	Phenol	1.0	ug/L	U	U	0.31
FIELD BLANK #2	Benzyl alcohol	1.0	ug/L	U	U	0.31
FIELD BLANK #2	4-Nitroaniline	1.5	ug/L	U	U	0.46
FIELD BLANK #2	2-Nitrophenol	2.0	ug/L	U	U	0.60
FIELD BLANK #2	2,4-Dichlorophenol	2.0	ug/L	U	U	0.61
FIELD BLANK #2	Bis(2-ethylhexyl) phthalate	2.0	ug/L	U	U	0.61
FIELD BLANK #2	4-Nitrophenol	5.0	ug/L	U	U	0.62
FIELD BLANK #2	4-Methylphenol	2.2	ug/L	U	U	0.67
FIELD BLANK #2	2-Chlorophenol	2.3	ug/L	U	U	0.68
FIELD BLANK #2	Di-n-butyl phthalate	2.5	ug/L	U	U	0.75
FIELD BLANK #2	2,4,5-Trichlorophenol	2.7	ug/L	U	U	0.79
FIELD BLANK #2	2,4,6-Trichlorophenol	2.9	ug/L	U	U	0.86
FIELD BLANK #2	2-Methylphenol	2.9	ug/L	U	U	0.87
FIELD BLANK #2	Pentachlorophenol	5.0	ug/L	U	U	0.89

FIELD BLANK #2	2-Methyl-4,6-dinitrophenol	5.0	ug/L	U	U	0.93
FIELD BLANK #2	4-Chloro-3-methylphenol	3.7	ug/L	U	U	1.1
FIELD BLANK #2	2,4-Dimethylphenol	4.0	ug/L	U	U	1.2
FIELD BLANK #2	2,4-Dinitrophenol	5.1	ug/L	U	U	1.5
FIELD BLANK #2	Benzoic acid	38	ug/L	U	U	11
FIELD BLANK #2	3,3'-Dichlorobenzidine	9.9	ug/L	UQ	U	3.0
FIELD BLANK #2	Naphthalene	0.073	ug/L	J	J	0.070
FIELD BLANK #2	Diethyl phthalate	0.32	ug/L	J	J	0.17
FIELD BLANK #2	Dimethyl phthalate	0.40	ug/L	JB	J	0.090
SIS18SB14	Total Solids	30.2	%			1.0
SIS18SB14	Manganese	123	mg/kg		J	0.053
SIS18SB14	Magnesium	1540	mg/kg		J	0.40
SIS18SB14	Copper	2080	mg/kg			0.20
SIS18SB14	Aluminum	5240	mg/kg			0.13
SIS18SB14	Iron	9520	mg/kg		J	0.99
SIS18SB14	Calcium	9850	mg/kg			0.20
SIS18SB15	Total Solids	65.2	%			1.0
SIS18SB15	Copper	135	mg/kg			0.092
SIS18SB15	Manganese	141	mg/kg		J	0.025
SIS18SB15	Calcium	2200	mg/kg			0.092
SIS18SB15	Aluminum	6210	mg/kg			0.061
SIS18SB15	Iron	7290	mg/kg		J	0.46
SIS18SB15	Magnesium	886	mg/kg		J	0.18
SIS18SB16	Total Solids	63	%			1.0
SIS18SB16	Manganese	102	mg/kg		J	0.025
SIS18SB16	Magnesium	1300	mg/kg		J	0.19
SIS18SB16	Copper	141	mg/kg			0.095
SIS18SB16	Iron	18700	mg/kg		J	0.48
SIS18SB16	Calcium	2080	mg/kg			0.095
SIS18SB16	Aluminum	16200	mg/kg			0.063
SIS18SB17	Total Solids	54.4	%			1.0
SIS18SB17	Copper	13.6	mg/kg			0.11
SIS18SB17	Magnesium	1500	mg/kg		J	0.22
SIS18SB17	Aluminum	18800	mg/kg			0.074
SIS18SB17	Iron	20400	mg/kg		J	0.55
SIS18SB17	Calcium	478	mg/kg			0.11
SIS18SB17	Manganese	86.9	mg/kg		J	0.029
SIS18SB18	Total Solids	57.3	%			1.0
SIS18SB18	Iron	12800	mg/kg		J	0.52
SIS18SB18	Magnesium	1590	mg/kg		J	0.21
SIS18SB18	Calcium	2900	mg/kg			0.10
SIS18SB18	Manganese	441	mg/kg		J	0.028
SIS18SB18	Copper	65.4	mg/kg			0.10
SIS18SB18	Aluminum	11400	mg/kg			0.070
SIS18SB19	Total Solids	69.4	%			1.0
SIS18SB19	Calcium	2230	mg/kg			0.086
SIS18SB19	Copper	400	mg/kg			0.086
SIS18SB19	Iron	4540	mg/kg		J	0.43
SIS18SB19	Magnesium	476	mg/kg		J	0.17
SIS18SB19	Manganese	50.1	mg/kg		J	0.023
SIS18SB19	Aluminum	4320	mg/kg			0.058
SIS18SB20	Total Solids	88	%			1.0

SIS18SB20	Calcium	1110	mg/kg			0.068
SIS18SB20	Copper	24.2	mg/kg			0.068
SIS18SB20	Manganese	31.3	mg/kg		J	0.018
SIS18SB20	Magnesium	560	mg/kg		J	0.14
SIS18SB20	Iron	5990	mg/kg		J	0.34
SIS18SB20	Aluminum	4520	mg/kg			0.045
SIS18SB21	Total Solids	67.3	%			1.0
SIS18SB21	Calcium	1590	mg/kg			0.089
SIS18SB21	Manganese	31.5	mg/kg		J	0.024
SIS18SB21	Copper	56.5	mg/kg			0.089
SIS18SB21	Iron	5760	mg/kg		J	0.45
SIS18SB21	Aluminum	6240	mg/kg			0.059
SIS18SB21	Magnesium	717	mg/kg		J	0.18
SIS18SB22	Total Solids	81.2	%			1.0
SIS18SB22	Magnesium	1070	mg/kg		J	0.15
SIS18SB22	Calcium	1160	mg/kg			0.074
SIS18SB22	Copper	38.5	mg/kg			0.074
SIS18SB22	Manganese	56.0	mg/kg		J	0.020
SIS18SB22	Iron	5940	mg/kg		J	0.37
SIS18SB22	Aluminum	6000	mg/kg			0.049
SIS18SB23	Total Solids	83.6	%			1.0
SIS18SB23	Copper	22.2	mg/kg			0.072
SIS18SB23	Manganese	49.6	mg/kg		J	0.019
SIS18SB23	Calcium	972	mg/kg			0.072
SIS18SB23	Aluminum	5350	mg/kg			0.048
SIS18SB23	Iron	5890	mg/kg		J	0.36
SIS18SB23	Magnesium	933	mg/kg		J	0.14
SIS18SB28	Total Solids	79.1	%			1.0
SIS18SB28	Calcium	1000	mg/kg			0.076
SIS18SB28	Copper	35.4	mg/kg			0.076
SIS18SB28	Manganese	89.1	mg/kg		J	0.020
SIS18SB28	Aluminum	3260	mg/kg			0.051
SIS18SB28	Iron	4550	mg/kg		J	0.38
SIS18SB28	Magnesium	537	mg/kg		J	0.15
SIS18SB28	Indeno(1,2,3-cd)pyrene	35	ug/kg	U	UJ	10
SIS18SB28	Benzo(a)anthracene	37	ug/kg	U	UJ	11
SIS18SB28	Naphthalene	38	ug/kg	U	UJ	11
SIS18SB28	4-Chloro-3-methylphenol	390	ug/kg	U	UJ	110
SIS18SB28	2,4-Dichlorophenol	400	ug/kg	U	UJ	120
SIS18SB28	1,2-Dichlorobenzene	40	ug/kg	U	UJ	13
SIS18SB28	Anthracene	42	ug/kg	U	UJ	13
SIS18SB28	4-Bromophenyl phenyl ether	43	ug/kg	U	UJ	13
SIS18SB28	2-Methylphenol	430	ug/kg	U	UJ	130
SIS18SB28	4-Methylphenol	440	ug/kg	U	UJ	130
SIS18SB28	2-Chlorophenol	440	ug/kg	U	UJ	130
SIS18SB28	2,4,5-Trichlorophenol	440	ug/kg	U	UJ	130
SIS18SB28	Fluorene	44	ug/kg	U	UJ	14
SIS18SB28	Benzo(b)fluoranthene	45	ug/kg	U	UJ	14
SIS18SB28	Carbazole	45	ug/kg	U	UJ	14
SIS18SB28	Dibenzo(a,h)anthracene	45	ug/kg	U	UJ	14
SIS18SB28	Pyrene	45	ug/kg	U	UJ	14
SIS18SB28	1,3-Dichlorobenzene	47	ug/kg	U	UJ	14

SIS18SB28	Bis(2-chloroisopropyl) ether	48	ug/kg	U	UJ	14
SIS18SB28	Phenanthrene	48	ug/kg	U	UJ	14
SIS18SB28	Chrysene	50	ug/kg	U	UJ	15
SIS18SB28	2-Nitrophenol	500	ug/kg	U	UJ	150
SIS18SB28	Phenol	520	ug/kg	U	UJ	150
SIS18SB28	1,4-Dichlorobenzene	53	ug/kg	U	UJ	16
SIS18SB28	2-Chloronaphthalene	57	ug/kg	U	UJ	16
SIS18SB28	Bis(2-chloroethyl) ether	58	ug/kg	U	UJ	18
SIS18SB28	Hexachlorobenzene	63	ug/kg	U	UJ	19
SIS18SB28	Acenaphthene	64	ug/kg	U	UJ	19
SIS18SB28	1,2,4-Trichlorobenzene	67	ug/kg	U	UJ	20
SIS18SB28	Hexachloroethane	69	ug/kg	U	UJ	21
SIS18SB28	N-Nitrosodiphenylamine	72	ug/kg	U	UJ	21
SIS18SB28	Benzo(a)pyrene	79	ug/kg	U	UJ	24
SIS18SB28	2-Methylnaphthalene	82	ug/kg	U	UJ	24
SIS18SB28	2,6-Dinitrotoluene	84	ug/kg	U	UJ	25
SIS18SB28	Acenaphthylene	84	ug/kg	U	UJ	25
SIS18SB28	Bis(2-chloroethoxy)methane	84	ug/kg	U	UJ	25
SIS18SB28	Fluoranthene	87	ug/kg	U	UJ	26
SIS18SB28	Benzo(k)fluoranthene	88	ug/kg	U	UJ	26
SIS18SB28	2,4-Dinitrophenol	890	ug/kg	U	UJ	270
SIS18SB28	2,4-Dinitrotoluene	96	ug/kg	U	UJ	29
SIS18SB28	Butylbenzyl phthalate	130	ug/kg	U	UJ	30
SIS18SB28	Benzo(g,h,i)perylene	130	ug/kg	U	UJ	32
SIS18SB28	Dimethyl phthalate	130	ug/kg	U	UJ	33
SIS18SB28	2-Nitroaniline	130	ug/kg	U	UJ	33
SIS18SB28	Isophorone	130	ug/kg	U	UJ	34
SIS18SB28	3,3'-Dichlorobenzidine	1200	ug/kg	U	UJ	350
SIS18SB28	Benzoic acid	1200	ug/kg	U	UJ	370
SIS18SB28	N-Nitroso-di-n-propylamine	140	ug/kg	U	UJ	38
SIS18SB28	Hexachlorobutadiene	130	ug/kg	U	UJ	39
SIS18SB28	4-Chlorophenyl phenyl ether	140	ug/kg	U	UJ	39
SIS18SB28	4-Nitroaniline	140	ug/kg	U	UJ	39
SIS18SB28	3-Nitroaniline	140	ug/kg	U	UJ	40
SIS18SB28	4-Nitrophenol	1400	ug/kg	U	UJ	410
SIS18SB28	Dibenzofuran	160	ug/kg	U	UJ	47
SIS18SB28	Diethyl phthalate	160	ug/kg	U	UJ	48
SIS18SB28	Di-n-octyl phthalate	160	ug/kg	U	UJ	49
SIS18SB28	Nitrobenzene	180	ug/kg	U	UJ	50
SIS18SB28	4-Chloroaniline	280	ug/kg	U	UJ	82
SIS18SB28	Pentachlorophenol	630	ug/kg	U	UJ	88
SIS18SB28	2-Methyl-4,6-dinitrophenol	630	ug/kg	U	UJ	89
SIS18SB28	2,4,6-Trichlorophenol	330	ug/kg	U	UJ	96
SIS18SB28	2,4-Dimethylphenol	330	ug/kg	U	UJ	97
SIS18SB28	Benzyl alcohol	340	ug/kg	U	UJ	98
SIS18SB28	Bis(2-ethylhexyl) phthalate	110	ug/kg	JB	U	35
SIS18SB28	Di-n-butyl phthalate	55	ug/kg	JB	J	50
SIS18SB29	Total Solids	83.2	%			1.0
SIS18SB29	Aluminum	2710	mg/kg			0.048
SIS18SB29	Copper	3.7	mg/kg			0.072
SIS18SB29	Iron	3790	mg/kg		J	0.36
SIS18SB29	Magnesium	514	mg/kg		J	0.14

SIS18SB29	Calcium	685	mg/kg			0.072
SIS18SB29	Manganese	71.5	mg/kg		J	0.019
SIS18SB30	Total Solids	88.9	%			1.0
SIS18SB30	Copper	24.2	mg/kg			0.067
SIS18SB30	Manganese	37.7	mg/kg		J	0.018
SIS18SB30	Calcium	585	mg/kg			0.067
SIS18SB30	Aluminum	3400	mg/kg			0.045
SIS18SB30	Iron	4640	mg/kg		J	0.34
SIS18SB30	Magnesium	675	mg/kg		J	0.13
SIS18SB31	Total Solids	52.6	%			1.0
SIS18SB31	Aluminum	18000	mg/kg			0.076
SIS18SB31	Copper	196	mg/kg			0.11
SIS18SB31	Manganese	33.3	mg/kg		J	0.030
SIS18SB31	Calcium	3870	mg/kg			0.11
SIS18SB31	Magnesium	694	mg/kg		J	0.23
SIS18SB31	Iron	8940	mg/kg		J	0.57
SIS18SB32	Total Solids	74.9	%			1.0
SIS18SB32	Copper	34.4	mg/kg			0.080
SIS18SB32	Aluminum	4810	mg/kg			0.053
SIS18SB32	Iron	6910	mg/kg		J	0.40
SIS18SB32	Calcium	874	mg/kg			0.080
SIS18SB32	Manganese	88.8	mg/kg		J	0.021
SIS18SB32	Magnesium	981	mg/kg		J	0.16
SIS18SD11	Total Solids	12.6	%			1.0
SIS18SD11	Calcium	13800	mg/kg		J	0.48
SIS18SD11	Manganese	361	mg/kg			0.13
SIS18SD11	Aluminum	4330	mg/kg			0.32
SIS18SD11	Copper	476	mg/kg			0.48
SIS18SD11	Iron	7600	mg/kg		J	2.4
SIS18SD11	Magnesium	867	mg/kg			0.95
SIS18SD11	Mercury	0.61	mg/kg		J	0.019
SIS18SD11	Aroclor 1221	400	ug/kg	U	UJ	160
SIS18SD11	Aroclor 1254	400	ug/kg	U	UJ	180
SIS18SD11	Aroclor 1232	400	ug/kg	U	UJ	210
SIS18SD11	Aroclor 1242	400	ug/kg	U	UJ	230
SIS18SD11	Aroclor 1248	400	ug/kg	U	UJ	230
SIS18SD11	Aroclor 1016	400	ug/kg	U	UJ	79
SIS18SD11	Aroclor 1260	400	ug/kg	U	UJ	95
SIS18SD11	Total Organic Carbon (TOC)	240000	mg/kg			4600
SIS18SD11 DUPE	Total Solids	15	%			1.0
SIS18SD11 DUPE	Calcium	13000	mg/kg		J	0.40
SIS18SD11 DUPE	Manganese	342	mg/kg			0.11
SIS18SD11 DUPE	Aluminum	3780	mg/kg			0.27
SIS18SD11 DUPE	Copper	390	mg/kg			0.40
SIS18SD11 DUPE	Iron	6680	mg/kg		J	2.0
SIS18SD11 DUPE	Magnesium	807	mg/kg			0.80
SIS18SD11 DUPE	Mercury	0.20	mg/kg		J	0.016
SIS18SD11 DUPE	Aroclor 1221	330	ug/kg	U	UJ	130
SIS18SD11 DUPE	Aroclor 1254	330	ug/kg	U	UJ	150
SIS18SD11 DUPE	Aroclor 1232	330	ug/kg	U	UJ	180
SIS18SD11 DUPE	Aroclor 1242	330	ug/kg	U	UJ	190
SIS18SD11 DUPE	Aroclor 1248	330	ug/kg	U	UJ	190

SIS18SD11 DUPE	Aroclor 1016	330	ug/kg	U	UJ	67
SIS18SD11 DUPE	Aroclor 1260	330	ug/kg	U	UJ	80
SIS18SD11 DUPE	Total Organic Carbon (TOC)	250000	mg/kg			3800
SIS18SD12	Total Solids	14.8	%			1.0
SIS18SD12	Magnesium	1080	mg/kg			0.81
SIS18SD12	Manganese	144	mg/kg			0.11
SIS18SD12	Calcium	18100	mg/kg		J	0.41
SIS18SD12	Aluminum	5660	mg/kg			0.27
SIS18SD12	Iron	6910	mg/kg		J	2.0
SIS18SD12	Copper	794	mg/kg			0.41
SIS18SD12	Mercury	0.72	mg/kg		J	0.016
SIS18SD12	Aroclor 1221	340	ug/kg	U	UJ	140
SIS18SD12	Aroclor 1254	340	ug/kg	U	UJ	160
SIS18SD12	Aroclor 1232	340	ug/kg	U	UJ	180
SIS18SD12	Aroclor 1242	340	ug/kg	U	UJ	200
SIS18SD12	Aroclor 1248	340	ug/kg	U	UJ	200
SIS18SD12	Aroclor 1016	340	ug/kg	U	UJ	68
SIS18SD12	Aroclor 1260	340	ug/kg	U	UJ	81
SIS18SD12	Total Organic Carbon (TOC)	150000	mg/kg			3900
SIS18SD13	Total Solids	23.5	%			1.0
SIS18SD13	Aluminum	10500	mg/kg			0.17
SIS18SD13	Magnesium	1060	mg/kg			0.51
SIS18SD13	Manganese	144	mg/kg			0.068
SIS18SD13	Copper	26.3	mg/kg			0.26
SIS18SD13	Calcium	2970	mg/kg		J	0.26
SIS18SD13	Iron	5740	mg/kg		J	1.3
SIS18SD13	Mercury	0.028	mg/kg	JY	J	0.010
SIS18SD13	Aroclor 1232	210	ug/kg	U	UJ	110
SIS18SD13	Aroclor 1242	210	ug/kg	U	UJ	120
SIS18SD13	Aroclor 1248	210	ug/kg	U	UJ	120
SIS18SD13	Aroclor 1016	210	ug/kg	U	UJ	42
SIS18SD13	Aroclor 1260	210	ug/kg	UM,Y	UJ	51
SIS18SD13	Aroclor 1221	210	ug/kg	U	UJ	85
SIS18SD13	Aroclor 1254	210	ug/kg	U	UJ	97
SIS18SD13	Total Organic Carbon (TOC)	87000	mg/kg			2400
SIS18SD14	Total Solids	15.8	%			1.0
SIS18SD14	Magnesium	1300	mg/kg			0.76
SIS18SD14	Copper	14.6	mg/kg			0.38
SIS18SD14	Aluminum	15000	mg/kg			0.25
SIS18SD14	Manganese	156	mg/kg			0.10
SIS18SD14	Calcium	2260	mg/kg		J	0.38
SIS18SD14	Iron	7200	mg/kg		J	1.9
SIS18SD14	Mercury	0.059	mg/kg		J	0.015
SIS18SD14	Aroclor 1221	320	ug/kg	U	UJ	130
SIS18SD14	Aroclor 1254	320	ug/kg	U	UJ	150
SIS18SD14	Aroclor 1232	320	ug/kg	U	UJ	170
SIS18SD14	Aroclor 1242	320	ug/kg	U	UJ	180
SIS18SD14	Aroclor 1248	320	ug/kg	U	UJ	180
SIS18SD14	Aroclor 1016	320	ug/kg	U	UJ	63
SIS18SD14	Aroclor 1260	320	ug/kg	U	UJ	76
SIS18SD14	Total Organic Carbon (TOC)	62000	mg/kg			3600
SIS18SD15	Total Solids	6.3	%			1.0

SIS18SD15	Iron	12100	mg/kg		J	4.8
SIS18SD15	Manganese	146	mg/kg			0.25
SIS18SD15	Calcium	1710	mg/kg		J	0.95
SIS18SD15	Magnesium	488	mg/kg			1.9
SIS18SD15	Aluminum	7220	mg/kg			0.63
SIS18SD15	Copper	9.8	mg/kg			0.95
SIS18SD15	Mercury	0.038	mg/kg	U	UJ	0.038
SIS18SD15	Aroclor 1016	790	ug/kg	U	UJ	160
SIS18SD15	Aroclor 1260	790	ug/kg	U	UJ	190
SIS18SD15	Aroclor 1221	790	ug/kg	U	UJ	320
SIS18SD15	Aroclor 1254	790	ug/kg	U	UJ	360
SIS18SD15	Aroclor 1232	790	ug/kg	U	UJ	430
SIS18SD15	Aroclor 1242	790	ug/kg	U	UJ	460
SIS18SD15	Aroclor 1248	790	ug/kg	U	UJ	460
SIS18SD15	Total Organic Carbon (TOC)	260000	mg/kg			9100
SIS18SS09	Total Solids	89.9	%			1.0
SIS18SS09	4-Chloro-3-methylphenol	340	ug/kg	U	U	100
SIS18SS09	2,4-Dichlorophenol	350	ug/kg	U	U	100
SIS18SS09	1,2-Dichlorobenzene	35	ug/kg	U	U	11
SIS18SS09	Anthracene	36	ug/kg	U	U	11
SIS18SS09	4-Bromophenyl phenyl ether	37	ug/kg	U	U	11
SIS18SS09	2-Methylphenol	370	ug/kg	U	U	110
SIS18SS09	4-Methylphenol	380	ug/kg	U	U	110
SIS18SS09	Fluorene	38	ug/kg	U	U	12
SIS18SS09	Benzo(b)fluoranthene	40	ug/kg	U	U	12
SIS18SS09	Carbazole	40	ug/kg	U	U	12
SIS18SS09	Dibenzo(a,h)anthracene	40	ug/kg	U	U	12
SIS18SS09	Pyrene	40	ug/kg	U	U	12
SIS18SS09	1,3-Dichlorobenzene	41	ug/kg	U	U	12
SIS18SS09	Bis(2-chloroisopropyl) ether	42	ug/kg	U	U	12
SIS18SS09	Phenanthrene	42	ug/kg	U	U	12
SIS18SS09	2-Chlorophenol	380	ug/kg	U	U	120
SIS18SS09	2,4,5-Trichlorophenol	380	ug/kg	U	U	120
SIS18SS09	Chrysene	44	ug/kg	U	U	13
SIS18SS09	2-Nitrophenol	440	ug/kg	U	U	130
SIS18SS09	Phenol	450	ug/kg	U	U	130
SIS18SS09	1,4-Dichlorobenzene	46	ug/kg	U	U	14
SIS18SS09	2-Chloronaphthalene	49	ug/kg	U	U	14
SIS18SS09	Bis(2-chloroethyl) ether	51	ug/kg	U	U	15
SIS18SS09	Hexachlorobenzene	55	ug/kg	U	U	16
SIS18SS09	Acenaphthene	56	ug/kg	U	U	16
SIS18SS09	1,2,4-Trichlorobenzene	58	ug/kg	U	U	18
SIS18SS09	Hexachloroethane	60	ug/kg	U	U	19
SIS18SS09	N-Nitrosodiphenylamine	63	ug/kg	U	U	19
SIS18SS09	Benzo(a)pyrene	69	ug/kg	U	U	21
SIS18SS09	2-Methylnaphthalene	71	ug/kg	U	U	21
SIS18SS09	2,6-Dinitrotoluene	74	ug/kg	U	U	22
SIS18SS09	Acenaphthylene	74	ug/kg	U	U	22
SIS18SS09	Bis(2-chloroethoxy)methane	74	ug/kg	U	U	22
SIS18SS09	Fluoranthene	76	ug/kg	U	U	23
SIS18SS09	Benzo(k)fluoranthene	77	ug/kg	U	U	23
SIS18SS09	2,4-Dinitrophenol	780	ug/kg	U	U	230

SIS18SS09	2,4-Dinitrotoluene	84	ug/kg	U	U	25
SIS18SS09	Butylbenzyl phthalate	88	ug/kg	U	U	26
SIS18SS09	Benzo(g,h,i)perylene	90	ug/kg	U	U	27
SIS18SS09	Dimethyl phthalate	94	ug/kg	U	U	29
SIS18SS09	2-Nitroaniline	96	ug/kg	U	U	29
SIS18SS09	Isophorone	110	ug/kg	U	U	30
SIS18SS09	3,3'-Dichlorobenzidine	1000	ug/kg	U	U	310
SIS18SS09	Benzoic acid	1100	ug/kg	U	U	320
SIS18SS09	N-Nitroso-di-n-propylamine	120	ug/kg	U	U	33
SIS18SS09	Hexachlorobutadiene	110	ug/kg	U	U	34
SIS18SS09	4-Chlorophenyl phenyl ether	120	ug/kg	U	U	34
SIS18SS09	4-Nitroaniline	120	ug/kg	U	U	34
SIS18SS09	3-Nitroaniline	120	ug/kg	U	U	35
SIS18SS09	4-Nitrophenol	1200	ug/kg	U	U	350
SIS18SS09	Dibenzofuran	140	ug/kg	U	U	41
SIS18SS09	Diethyl phthalate	140	ug/kg	U	U	42
SIS18SS09	Di-n-octyl phthalate	140	ug/kg	U	U	43
SIS18SS09	Nitrobenzene	150	ug/kg	U	U	44
SIS18SS09	4-Chloroaniline	240	ug/kg	U	U	71
SIS18SS09	Pentachlorophenol	550	ug/kg	U	U	77
SIS18SS09	2-Methyl-4,6-dinitrophenol	550	ug/kg	U	U	78
SIS18SS09	Indeno(1,2,3-cd)pyrene	31	ug/kg	U	U	8.8
SIS18SS09	2,4,6-Trichlorophenol	290	ug/kg	U	U	84
SIS18SS09	2,4-Dimethylphenol	290	ug/kg	U	U	85
SIS18SS09	Benzyl alcohol	300	ug/kg	U	U	86
SIS18SS09	Naphthalene	33	ug/kg	U	U	9.9
SIS18SS09	Benzo(a)anthracene	13	ug/kg	J	J	9.9
SIS18SS09	Di-n-butyl phthalate	47	ug/kg	JB	J	44
SIS18SS09	Bis(2-ethylhexyl) phthalate	52	ug/kg	JB	U	31
SIS18SS10	Total Solids	80.3	%			1.0
SIS18SS10	Indeno(1,2,3-cd)pyrene	35	ug/kg	U	UJ	10
SIS18SS10	Naphthalene	37	ug/kg	U	UJ	11
SIS18SS10	4-Chloro-3-methylphenol	390	ug/kg	U	UJ	110
SIS18SS10	1,2-Dichlorobenzene	40	ug/kg	U	UJ	12
SIS18SS10	Anthracene	41	ug/kg	U	UJ	12
SIS18SS10	4-Bromophenyl phenyl ether	42	ug/kg	U	UJ	12
SIS18SS10	2,4-Dichlorophenol	400	ug/kg	U	UJ	120
SIS18SS10	2-Methylphenol	420	ug/kg	U	UJ	130
SIS18SS10	4-Methylphenol	440	ug/kg	U	UJ	130
SIS18SS10	2-Chlorophenol	440	ug/kg	U	UJ	130
SIS18SS10	2,4,5-Trichlorophenol	440	ug/kg	U	UJ	130
SIS18SS10	Fluorene	44	ug/kg	U	UJ	14
SIS18SS10	Benzo(b)fluoranthene	45	ug/kg	U	UJ	14
SIS18SS10	Carbazole	45	ug/kg	U	UJ	14
SIS18SS10	Dibenzo(a,h)anthracene	45	ug/kg	U	UJ	14
SIS18SS10	Pyrene	45	ug/kg	U	UJ	14
SIS18SS10	1,3-Dichlorobenzene	46	ug/kg	U	UJ	14
SIS18SS10	Bis(2-chloroisopropyl) ether	47	ug/kg	U	UJ	14
SIS18SS10	Phenanthrene	47	ug/kg	U	UJ	14
SIS18SS10	Chrysene	50	ug/kg	U	UJ	15
SIS18SS10	2-Nitrophenol	500	ug/kg	U	UJ	150
SIS18SS10	Phenol	510	ug/kg	U	UJ	150

SIS18SS10	1,4-Dichlorobenzene	52	ug/kg	U	UJ	16
SIS18SS10	2-Chloronaphthalene	56	ug/kg	U	UJ	16
SIS18SS10	Bis(2-chloroethyl) ether	57	ug/kg	U	UJ	17
SIS18SS10	Hexachlorobenzene	62	ug/kg	U	UJ	19
SIS18SS10	Acenaphthene	63	ug/kg	U	UJ	19
SIS18SS10	1,2,4-Trichlorobenzene	66	ug/kg	U	UJ	20
SIS18SS10	Hexachloroethane	68	ug/kg	U	UJ	21
SIS18SS10	N-Nitrosodiphenylamine	71	ug/kg	U	UJ	21
SIS18SS10	Benzo(a)pyrene	78	ug/kg	U	UJ	24
SIS18SS10	2-Methylnaphthalene	81	ug/kg	U	UJ	24
SIS18SS10	2,6-Dinitrotoluene	83	ug/kg	U	UJ	25
SIS18SS10	Acenaphthylene	83	ug/kg	U	UJ	25
SIS18SS10	Bis(2-chloroethoxy)methane	83	ug/kg	U	UJ	25
SIS18SS10	Fluoranthene	86	ug/kg	U	UJ	26
SIS18SS10	Benzo(k)fluoranthene	87	ug/kg	U	UJ	26
SIS18SS10	2,4-Dinitrophenol	880	ug/kg	U	UJ	260
SIS18SS10	2,4-Dinitrotoluene	95	ug/kg	U	UJ	29
SIS18SS10	Butylbenzyl phthalate	120	ug/kg	U	UJ	30
SIS18SS10	Benzo(g,h,i)perylene	120	ug/kg	U	UJ	31
SIS18SS10	Dimethyl phthalate	120	ug/kg	U	UJ	32
SIS18SS10	2-Nitroaniline	120	ug/kg	U	UJ	32
SIS18SS10	Isophorone	120	ug/kg	U	UJ	34
SIS18SS10	3,3'-Dichlorobenzidine	1200	ug/kg	U	UJ	350
SIS18SS10	Benzoic acid	1200	ug/kg	U	UJ	360
SIS18SS10	N-Nitroso-di-n-propylamine	140	ug/kg	U	UJ	37
SIS18SS10	Hexachlorobutadiene	130	ug/kg	U	UJ	39
SIS18SS10	4-Chlorophenyl phenyl ether	140	ug/kg	U	UJ	39
SIS18SS10	4-Nitroaniline	140	ug/kg	U	UJ	39
SIS18SS10	3-Nitroaniline	140	ug/kg	U	UJ	40
SIS18SS10	4-Nitrophenol	1400	ug/kg	U	UJ	400
SIS18SS10	Dibenzofuran	160	ug/kg	U	UJ	46
SIS18SS10	Diethyl phthalate	160	ug/kg	U	UJ	47
SIS18SS10	Di-n-octyl phthalate	160	ug/kg	U	UJ	49
SIS18SS10	Nitrobenzene	170	ug/kg	U	UJ	50
SIS18SS10	4-Chloroaniline	270	ug/kg	U	UJ	81
SIS18SS10	Pentachlorophenol	620	ug/kg	U	UJ	87
SIS18SS10	2-Methyl-4,6-dinitrophenol	620	ug/kg	U	UJ	88
SIS18SS10	2,4,6-Trichlorophenol	320	ug/kg	U	UJ	95
SIS18SS10	2,4-Dimethylphenol	320	ug/kg	U	UJ	96
SIS18SS10	Benzyl alcohol	340	ug/kg	U	UJ	97
SIS18SS10	Benzo(a)anthracene	15	ug/kg	J	J	11
SIS18SS10	Bis(2-ethylhexyl) phthalate	150	ug/kg	B	U	35
SIS18SS10	Di-n-butyl phthalate	56	ug/kg	JB	J	50
SIS18SS11	Total Solids	87	%			1.0
SIS18SS11	Benzo(a)anthracene	33	ug/kg	U	U	10
SIS18SS11	Naphthalene	35	ug/kg	U	U	10
SIS18SS11	4-Chloro-3-methylphenol	360	ug/kg	U	U	110
SIS18SS11	2,4-Dichlorophenol	370	ug/kg	U	U	110
SIS18SS11	1,2-Dichlorobenzene	37	ug/kg	U	U	12
SIS18SS11	Anthracene	38	ug/kg	U	U	12
SIS18SS11	4-Bromophenyl phenyl ether	39	ug/kg	U	U	12
SIS18SS11	2-Methylphenol	390	ug/kg	U	U	120

SIS18SS11	4-Methylphenol	400	ug/kg	U	U	120
SIS18SS11	2-Chlorophenol	400	ug/kg	U	U	120
SIS18SS11	2,4,5-Trichlorophenol	400	ug/kg	U	U	120
SIS18SS11	Fluorene	40	ug/kg	U	U	13
SIS18SS11	Benzo(b)fluoranthene	42	ug/kg	U	U	13
SIS18SS11	Carbazole	42	ug/kg	U	U	13
SIS18SS11	Dibenzo(a,h)anthracene	42	ug/kg	U	U	13
SIS18SS11	Pyrene	42	ug/kg	U	U	13
SIS18SS11	1,3-Dichlorobenzene	43	ug/kg	U	U	13
SIS18SS11	Bis(2-chloroisopropyl) ether	44	ug/kg	U	U	13
SIS18SS11	Phenanthrene	44	ug/kg	U	U	13
SIS18SS11	Chrysene	46	ug/kg	U	U	14
SIS18SS11	2-Nitrophenol	460	ug/kg	U	U	140
SIS18SS11	Phenol	470	ug/kg	U	U	140
SIS18SS11	1,4-Dichlorobenzene	48	ug/kg	U	U	15
SIS18SS11	2-Chloronaphthalene	52	ug/kg	U	U	15
SIS18SS11	Bis(2-chloroethyl) ether	53	ug/kg	U	U	16
SIS18SS11	Hexachlorobenzene	58	ug/kg	U	U	17
SIS18SS11	Acenaphthene	59	ug/kg	U	U	17
SIS18SS11	1,2,4-Trichlorobenzene	61	ug/kg	U	U	18
SIS18SS11	Hexachloroethane	63	ug/kg	U	U	20
SIS18SS11	N-Nitrosodiphenylamine	66	ug/kg	U	U	20
SIS18SS11	Benzo(a)pyrene	73	ug/kg	U	U	22
SIS18SS11	2-Methylnaphthalene	75	ug/kg	U	U	22
SIS18SS11	2,6-Dinitrotoluene	77	ug/kg	U	U	23
SIS18SS11	Acenaphthylene	77	ug/kg	U	U	23
SIS18SS11	Bis(2-chloroethoxy)methane	77	ug/kg	U	U	23
SIS18SS11	Fluoranthene	80	ug/kg	U	U	24
SIS18SS11	Benzo(k)fluoranthene	81	ug/kg	U	U	24
SIS18SS11	2,4-Dinitrophenol	820	ug/kg	U	U	240
SIS18SS11	2,4-Dinitrotoluene	88	ug/kg	U	U	27
SIS18SS11	Butylbenzyl phthalate	92	ug/kg	U	U	28
SIS18SS11	Benzo(g,h,i)perylene	95	ug/kg	U	U	29
SIS18SS11	2-Nitroaniline	120	ug/kg	U	U	30
SIS18SS11	Dimethyl phthalate	99	ug/kg	U	U	30
SIS18SS11	Isophorone	120	ug/kg	U	U	31
SIS18SS11	3,3'-Dichlorobenzidine	1100	ug/kg	U	U	320
SIS18SS11	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	35
SIS18SS11	Hexachlorobutadiene	120	ug/kg	U	U	36
SIS18SS11	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	36
SIS18SS11	4-Nitroaniline	130	ug/kg	U	U	36
SIS18SS11	3-Nitroaniline	130	ug/kg	U	U	37
SIS18SS11	4-Nitrophenol	1300	ug/kg	U	U	370
SIS18SS11	Dibenzofuran	150	ug/kg	U	U	43
SIS18SS11	Diethyl phthalate	150	ug/kg	U	U	44
SIS18SS11	Di-n-octyl phthalate	150	ug/kg	U	U	45
SIS18SS11	Nitrobenzene	160	ug/kg	U	U	46
SIS18SS11	4-Chloroaniline	250	ug/kg	U	U	75
SIS18SS11	Pentachlorophenol	580	ug/kg	U	U	81
SIS18SS11	2-Methyl-4,6-dinitrophenol	580	ug/kg	U	U	82
SIS18SS11	2,4,6-Trichlorophenol	300	ug/kg	U	U	88
SIS18SS11	2,4-Dimethylphenol	300	ug/kg	U	U	89

SIS18SS11	Indeno(1,2,3-cd)pyrene	32	ug/kg	U	U	9.2
SIS18SS11	Benzyl alcohol	310	ug/kg	U	U	90
SIS18SS11	Bis(2-ethylhexyl) phthalate	180	ug/kg	B	U	32
SIS18SS11	Benzoic acid	450	ug/kg	J	J	340
SIS18SS11	Di-n-butyl phthalate	51	ug/kg	JB	J	46
SIS18SS12	Total Solids	71.7	%			1.0
SIS18SS12	2,4,6-Trichlorophenol	360	ug/kg	U	U	110
SIS18SS12	2,4-Dimethylphenol	360	ug/kg	U	U	110
SIS18SS12	Benzyl alcohol	370	ug/kg	U	U	110
SIS18SS12	Naphthalene	41	ug/kg	U	U	12
SIS18SS12	4-Chloro-3-methylphenol	430	ug/kg	U	U	130
SIS18SS12	2,4-Dichlorophenol	440	ug/kg	U	U	130
SIS18SS12	1,2-Dichlorobenzene	44	ug/kg	U	U	14
SIS18SS12	Anthracene	46	ug/kg	U	U	14
SIS18SS12	4-Bromophenyl phenyl ether	47	ug/kg	U	U	14
SIS18SS12	2-Methylphenol	470	ug/kg	U	U	140
SIS18SS12	4-Methylphenol	480	ug/kg	U	U	140
SIS18SS12	Fluorene	48	ug/kg	U	U	15
SIS18SS12	Carbazole	50	ug/kg	U	U	15
SIS18SS12	Dibenzo(a,h)anthracene	50	ug/kg	U	U	15
SIS18SS12	1,3-Dichlorobenzene	51	ug/kg	U	U	15
SIS18SS12	Bis(2-chloroisopropyl) ether	53	ug/kg	U	U	15
SIS18SS12	2-Chlorophenol	480	ug/kg	U	U	150
SIS18SS12	2,4,5-Trichlorophenol	480	ug/kg	U	U	150
SIS18SS12	2-Nitrophenol	550	ug/kg	U	U	160
SIS18SS12	Phenol	570	ug/kg	U	U	170
SIS18SS12	1,4-Dichlorobenzene	58	ug/kg	U	U	18
SIS18SS12	2-Chloronaphthalene	62	ug/kg	U	U	18
SIS18SS12	Bis(2-chloroethyl) ether	64	ug/kg	U	U	19
SIS18SS12	Hexachlorobenzene	69	ug/kg	U	U	21
SIS18SS12	Acenaphthene	70	ug/kg	U	U	21
SIS18SS12	1,2,4-Trichlorobenzene	73	ug/kg	U	U	22
SIS18SS12	Hexachloroethane	76	ug/kg	U	U	23
SIS18SS12	N-Nitrosodiphenylamine	79	ug/kg	U	U	23
SIS18SS12	2-Methylnaphthalene	90	ug/kg	U	U	26
SIS18SS12	2,6-Dinitrotoluene	93	ug/kg	U	U	28
SIS18SS12	Acenaphthylene	93	ug/kg	U	U	28
SIS18SS12	Bis(2-chloroethoxy)methane	93	ug/kg	U	U	28
SIS18SS12	2,4-Dinitrophenol	980	ug/kg	U	U	290
SIS18SS12	2,4-Dinitrotoluene	140	ug/kg	U	U	32
SIS18SS12	Dimethyl phthalate	140	ug/kg	U	U	36
SIS18SS12	2-Nitroaniline	140	ug/kg	U	U	36
SIS18SS12	Isophorone	140	ug/kg	U	U	37
SIS18SS12	3,3'-Dichlorobenzidine	1300	ug/kg	U	U	380
SIS18SS12	N-Nitroso-di-n-propylamine	150	ug/kg	U	U	41
SIS18SS12	Hexachlorobutadiene	140	ug/kg	U	U	43
SIS18SS12	4-Chlorophenyl phenyl ether	150	ug/kg	U	U	43
SIS18SS12	4-Nitroaniline	150	ug/kg	U	U	43
SIS18SS12	3-Nitroaniline	150	ug/kg	U	U	44
SIS18SS12	4-Nitrophenol	1500	ug/kg	U	U	450
SIS18SS12	Dibenzofuran	180	ug/kg	U	U	51
SIS18SS12	Diethyl phthalate	180	ug/kg	U	U	53

SIS18SS12	Di-n-octyl phthalate	180	ug/kg	U	U	54
SIS18SS12	Nitrobenzene	190	ug/kg	U	U	55
SIS18SS12	4-Chloroaniline	300	ug/kg	U	U	90
SIS18SS12	Pentachlorophenol	690	ug/kg	U	U	97
SIS18SS12	2-Methyl-4,6-dinitrophenol	690	ug/kg	U	U	98
SIS18SS12	Butylbenzyl phthalate	130	ug/kg	J	J	33
SIS18SS12	Di-n-butyl phthalate	130	ug/kg	JB	J	55
SIS18SS12	Phenanthrene	130	ug/kg	J	J	15
SIS18SS12	Chrysene	160	ug/kg			17
SIS18SS12	Benzo(a)pyrene	160	ug/kg			26
SIS18SS12	Benzo(a)anthracene	180	ug/kg			12
SIS18SS12	Bis(2-ethylhexyl) phthalate	2000	ug/kg	B		39
SIS18SS12	Benzo(b)fluoranthene	290	ug/kg			15
SIS18SS12	Pyrene	290	ug/kg			15
SIS18SS12	Fluoranthene	360	ug/kg			29
SIS18SS12	Benzoic acid	600	ug/kg	J	J	400
SIS18SS12	Indeno(1,2,3-cd)pyrene	81	ug/kg	J	J	11
SIS18SS12	Benzo(g,h,i)perylene	83	ug/kg	J	J	35
SIS18SS12	Benzo(k)fluoranthene	91	ug/kg	J	J	29
SIS18SS14	Total Solids	34.7	%			1.0
SIS18SS14	Magnesium	1070	mg/kg		J	0.35
SIS18SS14	Copper	1400	mg/kg			0.17
SIS18SS14	Aluminum	4240	mg/kg			0.12
SIS18SS14	Iron	7180	mg/kg		J	0.86
SIS18SS14	Manganese	82.9	mg/kg		J	0.046
SIS18SS14	Calcium	9150	mg/kg			0.17
SIS18SS15	Total Solids	75.8	%			1.0
SIS18SS15	Calcium	1760	mg/kg			0.079
SIS18SS15	Aluminum	4780	mg/kg			0.053
SIS18SS15	Iron	5470	mg/kg		J	0.40
SIS18SS15	Manganese	74.5	mg/kg		J	0.021
SIS18SS15	Copper	76.8	mg/kg			0.079
SIS18SS15	Magnesium	838	mg/kg		J	0.16
SIS18SS16	Total Solids	65.1	%			1.0
SIS18SS16	Magnesium	1110	mg/kg		J	0.18
SIS18SS16	Copper	163	mg/kg			0.091
SIS18SS16	Iron	17100	mg/kg		J	0.46
SIS18SS16	Calcium	2430	mg/kg			0.091
SIS18SS16	Manganese	73.4	mg/kg		J	0.024
SIS18SS16	Aluminum	14600	mg/kg			0.061
SIS18SS17	Total Solids	66.7	%			1.0
SIS18SS17	Magnesium	1080	mg/kg		J	0.18
SIS18SS17	Iron	10800	mg/kg		J	0.45
SIS18SS17	Copper	16.8	mg/kg			0.090
SIS18SS17	Calcium	306	mg/kg			0.090
SIS18SS17	Manganese	56.2	mg/kg		J	0.024
SIS18SS17	Aluminum	6670	mg/kg			0.060
SIS18SS18	Total Solids	69.6	%			1.0
SIS18SS18	Magnesium	1220	mg/kg		J	0.17
SIS18SS18	Calcium	1900	mg/kg			0.086
SIS18SS18	Manganese	261	mg/kg		J	0.023
SIS18SS18	Copper	34	mg/kg			0.086

SIS18SS18	Iron	7650	mg/kg		J	0.43
SIS18SS18	Aluminum	7760	mg/kg			0.057
SIS18SS19	Total Solids	54.7	%			1.0
SIS18SS19	Magnesium	1040	mg/kg		J	0.22
SIS18SS19	Calcium	3770	mg/kg			0.11
SIS18SS19	Manganese	87.8	mg/kg		J	0.029
SIS18SS19	Iron	9280	mg/kg		J	0.55
SIS18SS19	Copper	987	mg/kg			0.11
SIS18SS19	Aluminum	6900	mg/kg			0.073
SIS18SS20	Total Solids	74.3	%			1.0
SIS18SS20	Calcium	2080	mg/kg			0.081
SIS18SS20	Copper	251	mg/kg			0.081
SIS18SS20	Iron	5620	mg/kg		J	0.40
SIS18SS20	Manganese	64.9	mg/kg		J	0.022
SIS18SS20	Magnesium	851	mg/kg		J	0.16
SIS18SS20	Aluminum	4170	mg/kg			0.054
SIS18SS21	Total Solids	71	%			1.0
SIS18SS21	Calcium	1250	mg/kg			0.085
SIS18SS21	Manganese	31.1	mg/kg		J	0.023
SIS18SS21	Copper	43.3	mg/kg			0.085
SIS18SS21	Aluminum	3630	mg/kg			0.056
SIS18SS21	Iron	4080	mg/kg		J	0.42
SIS18SS21	Magnesium	641	mg/kg		J	0.17
SIS18SS22	Total Solids	48.2	%			1.0
SIS18SS22	Copper	2810	mg/kg			0.12
SIS18SS22	Manganese	38.7	mg/kg		J	0.033
SIS18SS22	Calcium	4240	mg/kg			0.12
SIS18SS22	Iron	6170	mg/kg		J	0.62
SIS18SS22	Magnesium	923	mg/kg		J	0.25
SIS18SS22	Aluminum	4690	mg/kg			0.083
SIS18SS23	Total Solids	88.3	%			1.0
SIS18SS23	Copper	21.6	mg/kg			0.068
SIS18SS23	Manganese	41.3	mg/kg		J	0.018
SIS18SS23	Calcium	762	mg/kg			0.068
SIS18SS23	Aluminum	4110	mg/kg			0.045
SIS18SS23	Iron	5380	mg/kg		J	0.34
SIS18SS23	Magnesium	815	mg/kg		J	0.14
SIS18SS24	Total Solids	85.4	%			1.0
SIS18SS24	Manganese	31.9	mg/kg		J	0.019
SIS18SS24	Iron	4190	mg/kg		J	0.35
SIS18SS24	Magnesium	512	mg/kg		J	0.14
SIS18SS24	Copper	6.1	mg/kg			0.070
SIS18SS24	Calcium	641	mg/kg			0.070
SIS18SS24	Aluminum	4270	mg/kg			0.47
SIS18SS25	Total Solids	60.8	%			1.0
SIS18SS25	Manganese	190	mg/kg		J	0.026
SIS18SS25	Copper	223	mg/kg			0.099
SIS18SS25	Calcium	3390	mg/kg			0.099
SIS18SS25	Magnesium	1040	mg/kg		J	0.20
SIS18SS25	Aluminum	7690	mg/kg			0.066
SIS18SS25	Iron	8630	mg/kg		J	0.49
SIS18SS25	4-Chloroaniline	360	ug/kg	U	U	110

SIS18SS25	Pentachlorophenol	820	ug/kg	U	UJ	120
SIS18SS25	2-Methyl-4,6-dinitrophenol	820	ug/kg	U	UJ	120
SIS18SS25	2,4,6-Trichlorophenol	430	ug/kg	U	UJ	130
SIS18SS25	2,4-Dimethylphenol	430	ug/kg	U	UJ	130
SIS18SS25	Benzyl alcohol	440	ug/kg	U	U	130
SIS18SS25	Naphthalene	49	ug/kg	U	U	15
SIS18SS25	4-Chloro-3-methylphenol	510	ug/kg	U	UJ	150
SIS18SS25	2,4-Dichlorophenol	530	ug/kg	U	UJ	150
SIS18SS25	1,2-Dichlorobenzene	53	ug/kg	U	U	16
SIS18SS25	Anthracene	54	ug/kg	U	U	16
SIS18SS25	4-Bromophenyl phenyl ether	56	ug/kg	U	U	16
SIS18SS25	2-Methylphenol	560	ug/kg	U	UJ	170
SIS18SS25	4-Methylphenol	580	ug/kg	U	UJ	170
SIS18SS25	2-Chlorophenol	580	ug/kg	U	UJ	170
SIS18SS25	2,4,5-Trichlorophenol	580	ug/kg	U	UJ	170
SIS18SS25	Fluorene	58	ug/kg	U	U	18
SIS18SS25	Carbazole	59	ug/kg	U	U	18
SIS18SS25	Dibenzo(a,h)anthracene	59	ug/kg	U	U	18
SIS18SS25	1,3-Dichlorobenzene	61	ug/kg	U	U	18
SIS18SS25	Bis(2-chloroisopropyl) ether	63	ug/kg	U	U	18
SIS18SS25	2-Nitrophenol	660	ug/kg	U	UJ	190
SIS18SS25	Phenol	670	ug/kg	U	UJ	200
SIS18SS25	1,4-Dichlorobenzene	69	ug/kg	U	U	21
SIS18SS25	2-Chloronaphthalene	74	ug/kg	U	U	21
SIS18SS25	Bis(2-chloroethyl) ether	76	ug/kg	U	U	23
SIS18SS25	Hexachlorobenzene	82	ug/kg	U	U	25
SIS18SS25	Acenaphthene	84	ug/kg	U	U	25
SIS18SS25	1,2,4-Trichlorobenzene	87	ug/kg	U	U	26
SIS18SS25	Hexachloroethane	90	ug/kg	U	U	28
SIS18SS25	N-Nitrosodiphenylamine	94	ug/kg	U	U	28
SIS18SS25	2-Methylnaphthalene	160	ug/kg	U	U	31
SIS18SS25	2,6-Dinitrotoluene	160	ug/kg	U	U	33
SIS18SS25	Acenaphthylene	160	ug/kg	U	U	33
SIS18SS25	Bis(2-chloroethoxy)methane	160	ug/kg	U	U	33
SIS18SS25	Benzo(k)fluoranthene	160	ug/kg	U	U	35
SIS18SS25	2,4-Dinitrophenol	1200	ug/kg	U	UJ	350
SIS18SS25	2,4-Dinitrotoluene	160	ug/kg	U	U	38
SIS18SS25	Benzo(g,h,i)perylene	160	ug/kg	U	U	41
SIS18SS25	Dimethyl phthalate	160	ug/kg	U	U	43
SIS18SS25	2-Nitroaniline	160	ug/kg	U	U	43
SIS18SS25	Isophorone	160	ug/kg	U	U	44
SIS18SS25	3,3'-Dichlorobenzidine	1500	ug/kg	U	UJ	460
SIS18SS25	N-Nitroso-di-n-propylamine	180	ug/kg	U	U	49
SIS18SS25	Hexachlorobutadiene	170	ug/kg	U	U	51
SIS18SS25	4-Chlorophenyl phenyl ether	180	ug/kg	U	U	51
SIS18SS25	4-Nitroaniline	180	ug/kg	U	U	51
SIS18SS25	3-Nitroaniline	180	ug/kg	U	U	53
SIS18SS25	4-Nitrophenol	1800	ug/kg	U	UJ	530
SIS18SS25	Dibenzofuran	210	ug/kg	U	U	61
SIS18SS25	Diethyl phthalate	210	ug/kg	U	U	63
SIS18SS25	Di-n-octyl phthalate	210	ug/kg	U	U	64
SIS18SS25	Nitrobenzene	230	ug/kg	U	U	66

SIS18SS25	Benzo(b)fluoranthene	120	ug/kg	J	J	18
SIS18SS25	Pyrene	120	ug/kg	J	J	18
SIS18SS25	Fluoranthene	140	ug/kg	J	J	35
SIS18SS25	Di-n-butyl phthalate	160	ug/kg	JB	J	66
SIS18SS25	Indeno(1,2,3-cd)pyrene	31	ug/kg	J	J	13
SIS18SS25	Phenanthrene	48	ug/kg	J	J	18
SIS18SS25	Benzo(a)pyrene	56	ug/kg	J	J	31
SIS18SS25	Butylbenzyl phthalate	63	ug/kg	J	J	39
SIS18SS25	Bis(2-ethylhexyl) phthalate	650	ug/kg	B	U	46
SIS18SS25	Benzo(a)anthracene	69	ug/kg	J	J	15
SIS18SS25	Benzoic acid	720	ug/kg	J	J	480
SIS18SS25	Chrysene	73	ug/kg	J	J	20
SIS18SS25 DUPE	Total Solids	68	%			1.0
SIS18SS25 DUPE	Manganese	154	mg/kg		J	0.024
SIS18SS25 DUPE	Copper	217	mg/kg			0.088
SIS18SS25 DUPE	Calcium	3020	mg/kg			0.088
SIS18SS25 DUPE	Magnesium	1040	mg/kg		J	0.18
SIS18SS25 DUPE	Aluminum	7280	mg/kg			0.059
SIS18SS25 DUPE	Iron	8640	mg/kg		J	0.44
SIS18SS25 DUPE	Pentachlorophenol	730	ug/kg	U	UJ	100
SIS18SS25 DUPE	2-Methyl-4,6-dinitrophenol	730	ug/kg	U	UJ	100
SIS18SS25 DUPE	2,4,6-Trichlorophenol	380	ug/kg	U	UJ	110
SIS18SS25 DUPE	2,4-Dimethylphenol	380	ug/kg	U	UJ	110
SIS18SS25 DUPE	Benzyl alcohol	400	ug/kg	U	UJ	110
SIS18SS25 DUPE	Naphthalene	44	ug/kg	U	UJ	13
SIS18SS25 DUPE	4-Chloro-3-methylphenol	450	ug/kg	U	UJ	130
SIS18SS25 DUPE	2,4-Dichlorophenol	470	ug/kg	U	UJ	140
SIS18SS25 DUPE	1,2-Dichlorobenzene	47	ug/kg	U	UJ	15
SIS18SS25 DUPE	Anthracene	48	ug/kg	U	UJ	15
SIS18SS25 DUPE	4-Bromophenyl phenyl ether	50	ug/kg	U	UJ	15
SIS18SS25 DUPE	2-Methylphenol	500	ug/kg	U	UJ	150
SIS18SS25 DUPE	4-Methylphenol	510	ug/kg	U	UJ	150
SIS18SS25 DUPE	2-Chlorophenol	510	ug/kg	U	UJ	150
SIS18SS25 DUPE	2,4,5-Trichlorophenol	510	ug/kg	U	UJ	150
SIS18SS25 DUPE	Fluorene	51	ug/kg	U	UJ	16
SIS18SS25 DUPE	Carbazole	53	ug/kg	U	UJ	16
SIS18SS25 DUPE	Dibenzo(a,h)anthracene	53	ug/kg	U	UJ	16
SIS18SS25 DUPE	1,3-Dichlorobenzene	54	ug/kg	U	UJ	16
SIS18SS25 DUPE	Bis(2-chloroisopropyl) ether	56	ug/kg	U	UJ	16
SIS18SS25 DUPE	2-Nitrophenol	590	ug/kg	U	UJ	170
SIS18SS25 DUPE	Phenol	600	ug/kg	U	UJ	180
SIS18SS25 DUPE	1,4-Dichlorobenzene	62	ug/kg	U	UJ	19
SIS18SS25 DUPE	2-Chloronaphthalene	66	ug/kg	U	UJ	19
SIS18SS25 DUPE	Bis(2-chloroethyl) ether	68	ug/kg	U	UJ	21
SIS18SS25 DUPE	Hexachlorobenzene	73	ug/kg	U	UJ	22
SIS18SS25 DUPE	Acenaphthene	75	ug/kg	U	UJ	22
SIS18SS25 DUPE	1,2,4-Trichlorobenzene	78	ug/kg	U	UJ	23
SIS18SS25 DUPE	Hexachloroethane	81	ug/kg	U	UJ	25
SIS18SS25 DUPE	N-Nitrosodiphenylamine	84	ug/kg	U	UJ	25
SIS18SS25 DUPE	Benzo(a)pyrene	92	ug/kg	U	UJ	28
SIS18SS25 DUPE	2-Methylnaphthalene	95	ug/kg	U	UJ	28
SIS18SS25 DUPE	2,6-Dinitrotoluene	98	ug/kg	U	UJ	29

SIS18SS25 DUPE	Acenaphthylene	98	ug/kg	U	UJ	29
SIS18SS25 DUPE	Bis(2-chloroethoxy)methane	98	ug/kg	U	UJ	29
SIS18SS25 DUPE	Benzo(k)fluoranthene	150	ug/kg	U	UJ	31
SIS18SS25 DUPE	2,4-Dinitrophenol	1000	ug/kg	U	UJ	310
SIS18SS25 DUPE	2,4-Dinitrotoluene	150	ug/kg	U	UJ	34
SIS18SS25 DUPE	Butylbenzyl phthalate	150	ug/kg	U	UJ	35
SIS18SS25 DUPE	Benzo(g,h,i)perylene	150	ug/kg	U	UJ	37
SIS18SS25 DUPE	Dimethyl phthalate	150	ug/kg	U	UJ	38
SIS18SS25 DUPE	2-Nitroaniline	150	ug/kg	U	UJ	38
SIS18SS25 DUPE	Isophorone	150	ug/kg	U	UJ	40
SIS18SS25 DUPE	3,3'-Dichlorobenzidine	1400	ug/kg	U	UJ	410
SIS18SS25 DUPE	N-Nitroso-di-n-propylamine	160	ug/kg	U	UJ	44
SIS18SS25 DUPE	Hexachlorobutadiene	150	ug/kg	U	UJ	45
SIS18SS25 DUPE	4-Chlorophenyl phenyl ether	160	ug/kg	U	UJ	45
SIS18SS25 DUPE	4-Nitroaniline	160	ug/kg	U	UJ	45
SIS18SS25 DUPE	3-Nitroaniline	160	ug/kg	U	UJ	47
SIS18SS25 DUPE	4-Nitrophenol	1600	ug/kg	U	UJ	470
SIS18SS25 DUPE	Dibenzofuran	190	ug/kg	U	UJ	54
SIS18SS25 DUPE	Diethyl phthalate	190	ug/kg	U	UJ	56
SIS18SS25 DUPE	Di-n-octyl phthalate	190	ug/kg	U	UJ	57
SIS18SS25 DUPE	Nitrobenzene	210	ug/kg	U	UJ	59
SIS18SS25 DUPE	4-Chloroaniline	320	ug/kg	U	UJ	95
SIS18SS25 DUPE	Di-n-butyl phthalate	110	ug/kg	JB	J	59
SIS18SS25 DUPE	Indeno(1,2,3-cd)pyrene	17	ug/kg	J	J	12
SIS18SS25 DUPE	Chrysene	18	ug/kg	J	J	18
SIS18SS25 DUPE	Phenanthrene	19	ug/kg	J	J	16
SIS18SS25 DUPE	Benzo(a)anthracene	40	ug/kg	J	J	13
SIS18SS25 DUPE	Benzo(b)fluoranthene	41	ug/kg	J	J	16
SIS18SS25 DUPE	Pyrene	41	ug/kg	J	J	16
SIS18SS25 DUPE	Bis(2-ethylhexyl) phthalate	440	ug/kg	B	U	41
SIS18SS25 DUPE	Fluoranthene	49	ug/kg	J	J	31
SIS18SS25 DUPE	Benzoic acid	610	ug/kg	J	J	430
SIS18SS26	Total Solids	84.8	%			1.0
SIS18SS26	Calcium	1020	mg/kg			0.071
SIS18SS26	Copper	31.8	mg/kg			0.071
SIS18SS26	Manganese	41.0	mg/kg		J	0.019
SIS18SS26	Aluminum	4040	mg/kg			0.047
SIS18SS26	Iron	4920	mg/kg		J	0.35
SIS18SS26	Magnesium	823	mg/kg		J	0.14
SIS18SS26	Naphthalene	35	ug/kg	U	U	11
SIS18SS26	4-Chloro-3-methylphenol	360	ug/kg	U	U	110
SIS18SS26	2,4-Dichlorophenol	380	ug/kg	U	U	110
SIS18SS26	1,2-Dichlorobenzene	38	ug/kg	U	U	12
SIS18SS26	Anthracene	39	ug/kg	U	U	12
SIS18SS26	4-Bromophenyl phenyl ether	40	ug/kg	U	U	12
SIS18SS26	2-Methylphenol	400	ug/kg	U	U	120
SIS18SS26	4-Methylphenol	410	ug/kg	U	U	120
SIS18SS26	2-Chlorophenol	410	ug/kg	U	U	120
SIS18SS26	2,4,5-Trichlorophenol	410	ug/kg	U	U	120
SIS18SS26	Fluorene	41	ug/kg	U	U	13
SIS18SS26	Benzo(b)fluoranthene	42	ug/kg	U	U	13
SIS18SS26	Carbazole	42	ug/kg	U	U	13

SIS18SS26	Dibenzo(a,h)anthracene	42	ug/kg	U	U	13
SIS18SS26	Pyrene	42	ug/kg	U	U	13
SIS18SS26	1,3-Dichlorobenzene	43	ug/kg	U	U	13
SIS18SS26	Bis(2-chloroisopropyl) ether	45	ug/kg	U	U	13
SIS18SS26	Phenanthrene	45	ug/kg	U	U	13
SIS18SS26	Chrysene	47	ug/kg	U	U	14
SIS18SS26	2-Nitrophenol	470	ug/kg	U	U	140
SIS18SS26	Phenol	480	ug/kg	U	U	140
SIS18SS26	1,4-Dichlorobenzene	49	ug/kg	U	U	15
SIS18SS26	2-Chloronaphthalene	53	ug/kg	U	U	15
SIS18SS26	Bis(2-chloroethyl) ether	54	ug/kg	U	U	16
SIS18SS26	Hexachlorobenzene	59	ug/kg	U	U	18
SIS18SS26	Acenaphthene	60	ug/kg	U	U	18
SIS18SS26	1,2,4-Trichlorobenzene	62	ug/kg	U	U	19
SIS18SS26	Hexachloroethane	65	ug/kg	U	U	20
SIS18SS26	N-Nitrosodiphenylamine	67	ug/kg	U	U	20
SIS18SS26	Benzo(a)pyrene	74	ug/kg	U	U	22
SIS18SS26	2-Methylnaphthalene	76	ug/kg	U	U	22
SIS18SS26	2,6-Dinitrotoluene	79	ug/kg	U	U	23
SIS18SS26	Acenaphthylene	79	ug/kg	U	U	23
SIS18SS26	Bis(2-chloroethoxy)methane	79	ug/kg	U	U	23
SIS18SS26	Fluoranthene	81	ug/kg	U	U	25
SIS18SS26	Benzo(k)fluoranthene	82	ug/kg	U	U	25
SIS18SS26	2,4-Dinitrophenol	830	ug/kg	U	U	250
SIS18SS26	2,4-Dinitrotoluene	89	ug/kg	U	U	27
SIS18SS26	Butylbenzyl phthalate	94	ug/kg	U	U	28
SIS18SS26	Benzo(g,h,i)perylene	96	ug/kg	U	U	29
SIS18SS26	Dimethyl phthalate	120	ug/kg	U	U	31
SIS18SS26	2-Nitroaniline	120	ug/kg	U	U	31
SIS18SS26	Isophorone	120	ug/kg	U	U	32
SIS18SS26	3,3'-Dichlorobenzidine	1100	ug/kg	U	U	330
SIS18SS26	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	35
SIS18SS26	Hexachlorobutadiene	120	ug/kg	U	U	36
SIS18SS26	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	36
SIS18SS26	4-Nitroaniline	130	ug/kg	U	U	36
SIS18SS26	3-Nitroaniline	130	ug/kg	U	U	38
SIS18SS26	4-Nitrophenol	1300	ug/kg	U	U	380
SIS18SS26	Dibenzofuran	150	ug/kg	U	U	43
SIS18SS26	Diethyl phthalate	150	ug/kg	U	U	45
SIS18SS26	Di-n-octyl phthalate	150	ug/kg	U	U	46
SIS18SS26	Nitrobenzene	160	ug/kg	U	U	47
SIS18SS26	4-Chloroaniline	260	ug/kg	U	U	76
SIS18SS26	Pentachlorophenol	590	ug/kg	U	U	82
SIS18SS26	2-Methyl-4,6-dinitrophenol	590	ug/kg	U	U	83
SIS18SS26	2,4,6-Trichlorophenol	310	ug/kg	U	U	89
SIS18SS26	Indeno(1,2,3-cd)pyrene	33	ug/kg	U	U	9.4
SIS18SS26	2,4-Dimethylphenol	310	ug/kg	U	U	90
SIS18SS26	Benzyl alcohol	320	ug/kg	U	U	92
SIS18SS26	Benzo(a)anthracene	14	ug/kg	J	J	11
SIS18SS26	Bis(2-ethylhexyl) phthalate	210	ug/kg	B	U	33
SIS18SS26	Benzoic acid	450	ug/kg	J	J	340
SIS18SS26	Di-n-butyl phthalate	60	ug/kg	JB	J	47

SIS18SS27	Total Solids	86.2	%			1.0
SIS18SS27	Copper	31	mg/kg			0.070
SIS18SS27	Manganese	37.7	mg/kg		J	0.019
SIS18SS27	Calcium	809	mg/kg			0.070
SIS18SS27	Aluminum	3770	mg/kg			0.046
SIS18SS27	Iron	4870	mg/kg		J	0.35
SIS18SS27	Magnesium	684	mg/kg		J	0.14
SIS18SS27	Benzo(a)anthracene	34	ug/kg	U	UJ	10
SIS18SS27	Naphthalene	35	ug/kg	U	UJ	10
SIS18SS27	4-Chloro-3-methylphenol	360	ug/kg	U	UJ	110
SIS18SS27	2,4-Dichlorophenol	370	ug/kg	U	UJ	110
SIS18SS27	1,2-Dichlorobenzene	37	ug/kg	U	UJ	12
SIS18SS27	Anthracene	38	ug/kg	U	UJ	12
SIS18SS27	4-Bromophenyl phenyl ether	39	ug/kg	U	UJ	12
SIS18SS27	2-Methylphenol	390	ug/kg	U	UJ	120
SIS18SS27	4-Methylphenol	410	ug/kg	U	UJ	120
SIS18SS27	2-Chlorophenol	410	ug/kg	U	UJ	120
SIS18SS27	2,4,5-Trichlorophenol	410	ug/kg	U	UJ	120
SIS18SS27	Fluorene	41	ug/kg	U	UJ	13
SIS18SS27	Benzo(b)fluoranthene	42	ug/kg	U	UJ	13
SIS18SS27	Carbazole	42	ug/kg	U	UJ	13
SIS18SS27	Dibenzo(a,h)anthracene	42	ug/kg	U	UJ	13
SIS18SS27	Pyrene	42	ug/kg	U	UJ	13
SIS18SS27	1,3-Dichlorobenzene	43	ug/kg	U	UJ	13
SIS18SS27	Bis(2-chloroisopropyl) ether	44	ug/kg	U	UJ	13
SIS18SS27	Phenanthrene	44	ug/kg	U	UJ	13
SIS18SS27	Chrysene	46	ug/kg	U	UJ	14
SIS18SS27	2-Nitrophenol	460	ug/kg	U	UJ	140
SIS18SS27	Phenol	480	ug/kg	U	UJ	140
SIS18SS27	1,4-Dichlorobenzene	49	ug/kg	U	UJ	15
SIS18SS27	2-Chloronaphthalene	52	ug/kg	U	UJ	15
SIS18SS27	Bis(2-chloroethyl) ether	53	ug/kg	U	UJ	16
SIS18SS27	Hexachlorobenzene	58	ug/kg	U	UJ	17
SIS18SS27	Acenaphthene	59	ug/kg	U	UJ	17
SIS18SS27	1,2,4-Trichlorobenzene	61	ug/kg	U	UJ	19
SIS18SS27	Hexachloroethane	64	ug/kg	U	UJ	20
SIS18SS27	N-Nitrosodiphenylamine	66	ug/kg	U	UJ	20
SIS18SS27	Benzo(a)pyrene	73	ug/kg	U	UJ	22
SIS18SS27	2-Methylnaphthalene	75	ug/kg	U	UJ	22
SIS18SS27	2,6-Dinitrotoluene	78	ug/kg	U	UJ	23
SIS18SS27	Acenaphthylene	78	ug/kg	U	UJ	23
SIS18SS27	Bis(2-chloroethoxy)methane	78	ug/kg	U	UJ	23
SIS18SS27	Fluoranthene	80	ug/kg	U	UJ	24
SIS18SS27	Benzo(k)fluoranthene	81	ug/kg	U	UJ	24
SIS18SS27	2,4-Dinitrophenol	820	ug/kg	U	UJ	240
SIS18SS27	2,4-Dinitrotoluene	88	ug/kg	U	UJ	27
SIS18SS27	Butylbenzyl phthalate	93	ug/kg	U	UJ	28
SIS18SS27	Benzo(g,h,i)perylene	95	ug/kg	U	UJ	29
SIS18SS27	Dimethyl phthalate	120	ug/kg	U	UJ	30
SIS18SS27	2-Nitroaniline	120	ug/kg	U	UJ	30
SIS18SS27	Isophorone	120	ug/kg	U	UJ	31
SIS18SS27	3,3'-Dichlorobenzidine	1100	ug/kg	U	UJ	320

SIS18SS27	Benzoic acid	1100	ug/kg	U	UJ	340
SIS18SS27	N-Nitroso-di-n-propylamine	130	ug/kg	U	UJ	35
SIS18SS27	Hexachlorobutadiene	120	ug/kg	U	UJ	36
SIS18SS27	4-Chlorophenyl phenyl ether	130	ug/kg	U	UJ	36
SIS18SS27	4-Nitroaniline	130	ug/kg	U	UJ	36
SIS18SS27	3-Nitroaniline	130	ug/kg	U	UJ	37
SIS18SS27	4-Nitrophenol	1300	ug/kg	U	UJ	370
SIS18SS27	Dibenzofuran	150	ug/kg	U	UJ	43
SIS18SS27	Diethyl phthalate	150	ug/kg	U	UJ	44
SIS18SS27	Di-n-octyl phthalate	150	ug/kg	U	UJ	45
SIS18SS27	Nitrobenzene	160	ug/kg	U	UJ	46
SIS18SS27	4-Chloroaniline	260	ug/kg	U	UJ	75
SIS18SS27	Pentachlorophenol	580	ug/kg	U	UJ	81
SIS18SS27	2-Methyl-4,6-dinitrophenol	580	ug/kg	U	UJ	82
SIS18SS27	2,4,6-Trichlorophenol	300	ug/kg	U	UJ	88
SIS18SS27	2,4-Dimethylphenol	300	ug/kg	U	UJ	89
SIS18SS27	Indeno(1,2,3-cd)pyrene	32	ug/kg	U	UJ	9.3
SIS18SS27	Benzyl alcohol	310	ug/kg	U	UJ	90
SIS18SS27	Bis(2-ethylhexyl) phthalate	190	ug/kg	B	U	32
SIS18SS27	Di-n-butyl phthalate	50	ug/kg	JB	J	46
SIS18SS29	Total Solids	84.7	%			1.0
SIS18SS29	Copper	4.4	mg/kg			0.070
SIS18SS29	Calcium	578	mg/kg			0.070
SIS18SS29	Manganese	75.6	mg/kg		J	0.019
SIS18SS29	Aluminum	3340	mg/kg			0.047
SIS18SS29	Iron	4740	mg/kg		J	0.35
SIS18SS29	Magnesium	561	mg/kg		J	0.14
SIS18SS30	Total Solids	79.8	%			1.0
SIS18SS30	Calcium	1130	mg/kg			0.075
SIS18SS30	Copper	138	mg/kg			0.075
SIS18SS30	Manganese	59.2	mg/kg		J	0.020
SIS18SS30	Magnesium	1350	mg/kg		J	0.15
SIS18SS30	Aluminum	6480	mg/kg			0.050
SIS18SS30	Iron	8360	mg/kg		J	0.38
SIS18SS31	Total Solids	80.6	%			1.0
SIS18SS31	Calcium	1410	mg/kg			0.074
SIS18SS31	Manganese	47.1	mg/kg		J	0.020
SIS18SS31	Copper	83.4	mg/kg			0.074
SIS18SS31	Aluminum	5460	mg/kg			0.050
SIS18SS31	Iron	6730	mg/kg		J	0.37
SIS18SS31	Magnesium	952	mg/kg		J	0.15
SIS18SS32	Total Solids	80.1	%			1.0
SIS18SS32	Copper	26.2	mg/kg			0.075
SIS18SS32	Aluminum	4030	mg/kg			0.050
SIS18SS32	Manganese	58.1	mg/kg		J	0.020
SIS18SS32	Iron	5960	mg/kg		J	0.37
SIS18SS32	Magnesium	655	mg/kg		J	0.15
SIS18SS32	Calcium	768	mg/kg			0.075
SIS18SS32 DUPE	Total Solids	77.8	%			1.0
SIS18SS32 DUPE	Copper	32.5	mg/kg			0.077
SIS18SS32 DUPE	Aluminum	5370	mg/kg			0.051
SIS18SS32 DUPE	Iron	6460	mg/kg		J	0.39

SIS18SS32 DUPE	Magnesium	762	mg/kg		J	0.15
SIS18SS32 DUPE	Manganese	79.0	mg/kg		J	0.021
SIS18SS32 DUPE	Calcium	819	mg/kg			0.077
SIS7SB04	Total Solids	46.8	%			1.0
SIS7SB04	4-Chloroaniline	470	ug/kg	U	U	140
SIS7SB04	Pentachlorophenol	510	ug/kg	U	R	150
SIS7SB04	2-Methyl-4,6-dinitrophenol	510	ug/kg	U	R	150
SIS7SB04	2,4,6-Trichlorophenol	550	ug/kg	U	R	160
SIS7SB04	2,4-Dimethylphenol	550	ug/kg	U	R	160
SIS7SB04	Benzyl alcohol	580	ug/kg	U	U	170
SIS7SB04	Naphthalene	64	ug/kg	U	U	19
SIS7SB04	4-Chloro-3-methylphenol	660	ug/kg	U	R	190
SIS7SB04	2,4-Dichlorophenol	680	ug/kg	U	R	200
SIS7SB04	1,2-Dichlorobenzene	68	ug/kg	U	U	21
SIS7SB04	Anthracene	70	ug/kg	U	U	21
SIS7SB04	4-Bromophenyl phenyl ether	72	ug/kg	U	U	21
SIS7SB04	2-Methylphenol	720	ug/kg	U	R	220
SIS7SB04	4-Methylphenol	750	ug/kg	U	R	220
SIS7SB04	2-Chlorophenol	750	ug/kg	U	R	220
SIS7SB04	2,4,5-Trichlorophenol	750	ug/kg	U	R	220
SIS7SB04	Fluorene	75	ug/kg	U	U	23
SIS7SB04	Carbazole	77	ug/kg	U	U	23
SIS7SB04	Dibenzo(a,h)anthracene	77	ug/kg	U	U	23
SIS7SB04	1,3-Dichlorobenzene	79	ug/kg	U	U	23
SIS7SB04	Bis(2-chloroisopropyl) ether	81	ug/kg	U	U	23
SIS7SB04	2-Nitrophenol	850	ug/kg	U	R	250
SIS7SB04	Phenol	870	ug/kg	U	R	260
SIS7SB04	1,4-Dichlorobenzene	89	ug/kg	U	U	28
SIS7SB04	2-Chloronaphthalene	96	ug/kg	U	U	28
SIS7SB04	Bis(2-chloroethyl) ether	98	ug/kg	U	U	30
SIS7SB04	Hexachlorobenzene	210	ug/kg	U	U	32
SIS7SB04	Acenaphthene	210	ug/kg	U	U	32
SIS7SB04	1,2,4-Trichlorobenzene	210	ug/kg	U	U	34
SIS7SB04	Hexachloroethane	210	ug/kg	U	U	36
SIS7SB04	N-Nitrosodiphenylamine	430	ug/kg	U	U	36
SIS7SB04	Benzo(a)pyrene	210	ug/kg	U	U	40
SIS7SB04	2-Methylnaphthalene	210	ug/kg	U	U	40
SIS7SB04	2,6-Dinitrotoluene	210	ug/kg	U	U	43
SIS7SB04	Acenaphthylene	210	ug/kg	U	U	43
SIS7SB04	Bis(2-chloroethoxy)methane	210	ug/kg	U	U	43
SIS7SB04	Benzo(k)fluoranthene	210	ug/kg	U	U	45
SIS7SB04	2,4-Dinitrophenol	1500	ug/kg	U	R	450
SIS7SB04	2,4-Dinitrotoluene	210	ug/kg	U	U	49
SIS7SB04	Butylbenzyl phthalate	210	ug/kg	U	U	51
SIS7SB04	Benzo(g,h,i)perylene	210	ug/kg	U	U	53
SIS7SB04	Dimethyl phthalate	210	ug/kg	U	U	55
SIS7SB04	2-Nitroaniline	210	ug/kg	U	U	55
SIS7SB04	Isophorone	210	ug/kg	U	U	58
SIS7SB04	3,3'-Dichlorobenzidine	2000	ug/kg	U	U	590
SIS7SB04	N-Nitroso-di-n-propylamine	230	ug/kg	U	U	64
SIS7SB04	Hexachlorobutadiene	220	ug/kg	U	U	66
SIS7SB04	4-Chlorophenyl phenyl ether	230	ug/kg	U	U	66

SIS7SB04	4-Nitroaniline	230	ug/kg	U	U	66
SIS7SB04	3-Nitroaniline	230	ug/kg	U	U	68
SIS7SB04	4-Nitrophenol	2300	ug/kg	U	R	690
SIS7SB04	Dibenzofuran	280	ug/kg	U	U	79
SIS7SB04	Diethyl phthalate	280	ug/kg	U	U	81
SIS7SB04	Di-n-octyl phthalate	280	ug/kg	U	U	83
SIS7SB04	Nitrobenzene	300	ug/kg	U	U	85
SIS7SB04	Di-n-butyl phthalate	130	ug/kg	JB	J	85
SIS7SB04	Indeno(1,2,3-cd)pyrene	22	ug/kg	J	J	17
SIS7SB04	Phenanthrene	27	ug/kg	J	J	23
SIS7SB04	Chrysene	28	ug/kg	J	J	26
SIS7SB04	Benzo(a)anthracene	30	ug/kg	J	J	19
SIS7SB04	Benzo(b)fluoranthene	40	ug/kg	J	J	23
SIS7SB04	Pyrene	42	ug/kg	J	J	23
SIS7SB04	Fluoranthene	55	ug/kg	J	J	45
SIS7SB04	Benzoic acid	980	ug/kg	J	J	620
SIS7SB04	Bis(2-ethylhexyl) phthalate	99	ug/kg	JB	U	60
SIS7SB04 DUPE	Total Solids	46.2	%			1.0
SIS7SB04 DUPE	4-Chloroaniline	480	ug/kg	U	U	140
SIS7SB04 DUPE	Pentachlorophenol	520	ug/kg	U	UJ	150
SIS7SB04 DUPE	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	UJ	150
SIS7SB04 DUPE	2,4,6-Trichlorophenol	560	ug/kg	U	UJ	160
SIS7SB04 DUPE	Indeno(1,2,3-cd)pyrene	61	ug/kg	U	U	17
SIS7SB04 DUPE	2,4-Dimethylphenol	560	ug/kg	U	UJ	170
SIS7SB04 DUPE	Benzyl alcohol	580	ug/kg	U	U	170
SIS7SB04 DUPE	Benzo(a)anthracene	63	ug/kg	U	U	19
SIS7SB04 DUPE	Naphthalene	65	ug/kg	U	U	19
SIS7SB04 DUPE	4-Chloro-3-methylphenol	670	ug/kg	U	UJ	200
SIS7SB04 DUPE	2,4-Dichlorophenol	690	ug/kg	U	UJ	200
SIS7SB04 DUPE	1,2-Dichlorobenzene	69	ug/kg	U	U	22
SIS7SB04 DUPE	Anthracene	71	ug/kg	U	U	22
SIS7SB04 DUPE	4-Bromophenyl phenyl ether	74	ug/kg	U	U	22
SIS7SB04 DUPE	2-Methylphenol	740	ug/kg	U	UJ	220
SIS7SB04 DUPE	4-Methylphenol	760	ug/kg	U	UJ	230
SIS7SB04 DUPE	2-Chlorophenol	760	ug/kg	U	UJ	230
SIS7SB04 DUPE	2,4,5-Trichlorophenol	760	ug/kg	U	UJ	230
SIS7SB04 DUPE	Fluorene	76	ug/kg	U	U	24
SIS7SB04 DUPE	Benzo(b)fluoranthene	78	ug/kg	U	U	24
SIS7SB04 DUPE	Carbazole	78	ug/kg	U	U	24
SIS7SB04 DUPE	Dibenzo(a,h)anthracene	78	ug/kg	U	U	24
SIS7SB04 DUPE	1,3-Dichlorobenzene	80	ug/kg	U	U	24
SIS7SB04 DUPE	Bis(2-chloroisopropyl) ether	82	ug/kg	U	U	24
SIS7SB04 DUPE	Chrysene	87	ug/kg	U	U	26
SIS7SB04 DUPE	2-Nitrophenol	870	ug/kg	U	UJ	260
SIS7SB04 DUPE	Phenol	890	ug/kg	U	UJ	260
SIS7SB04 DUPE	1,4-Dichlorobenzene	91	ug/kg	U	U	28
SIS7SB04 DUPE	2-Chloronaphthalene	97	ug/kg	U	U	28
SIS7SB04 DUPE	Bis(2-chloroethyl) ether	220	ug/kg	U	U	30
SIS7SB04 DUPE	Hexachlorobenzene	220	ug/kg	U	U	32
SIS7SB04 DUPE	Acenaphthene	220	ug/kg	U	U	32
SIS7SB04 DUPE	1,2,4-Trichlorobenzene	220	ug/kg	U	U	35
SIS7SB04 DUPE	Hexachloroethane	220	ug/kg	U	U	37

SIS7SB04 DUPE	N-Nitrosodiphenylamine	430	ug/kg	U	U	37
SIS7SB04 DUPE	Benzo(a)pyrene	220	ug/kg	U	U	41
SIS7SB04 DUPE	2-Methylnaphthalene	220	ug/kg	U	U	41
SIS7SB04 DUPE	2,6-Dinitrotoluene	220	ug/kg	U	U	43
SIS7SB04 DUPE	Acenaphthylene	220	ug/kg	U	U	43
SIS7SB04 DUPE	Bis(2-chloroethoxy)methane	220	ug/kg	U	U	43
SIS7SB04 DUPE	Fluoranthene	220	ug/kg	U	U	45
SIS7SB04 DUPE	Benzo(k)fluoranthene	220	ug/kg	U	U	45
SIS7SB04 DUPE	2,4-Dinitrophenol	1500	ug/kg	U	UJ	460
SIS7SB04 DUPE	2,4-Dinitrotoluene	220	ug/kg	U	U	50
SIS7SB04 DUPE	Butylbenzyl phthalate	220	ug/kg	U	U	52
SIS7SB04 DUPE	Benzo(g,h,i)perylene	220	ug/kg	U	U	54
SIS7SB04 DUPE	Dimethyl phthalate	220	ug/kg	U	U	56
SIS7SB04 DUPE	2-Nitroaniline	220	ug/kg	U	U	56
SIS7SB04 DUPE	Isophorone	220	ug/kg	U	U	58
SIS7SB04 DUPE	3,3'-Dichlorobenzidine	2000	ug/kg	U	UJ	600
SIS7SB04 DUPE	N-Nitroso-di-n-propylamine	240	ug/kg	U	U	65
SIS7SB04 DUPE	Hexachlorobutadiene	220	ug/kg	U	U	67
SIS7SB04 DUPE	4-Chlorophenyl phenyl ether	240	ug/kg	U	U	67
SIS7SB04 DUPE	4-Nitroaniline	240	ug/kg	U	U	67
SIS7SB04 DUPE	3-Nitroaniline	240	ug/kg	U	U	69
SIS7SB04 DUPE	4-Nitrophenol	2400	ug/kg	U	UJ	700
SIS7SB04 DUPE	Dibenzofuran	280	ug/kg	U	U	80
SIS7SB04 DUPE	Diethyl phthalate	280	ug/kg	U	U	82
SIS7SB04 DUPE	Di-n-octyl phthalate	280	ug/kg	U	U	84
SIS7SB04 DUPE	Nitrobenzene	300	ug/kg	U	U	87
SIS7SB04 DUPE	Di-n-butyl phthalate	130	ug/kg	JB	J	87
SIS7SB04 DUPE	Bis(2-ethylhexyl) phthalate	130	ug/kg	JB	U	61
SIS7SB04 DUPE	Phenanthrene	24	ug/kg	J	J	24
SIS7SB04 DUPE	Pyrene	29	ug/kg	J	J	24
SIS7SB04 DUPE	Benzoic acid	840	ug/kg	J	J	630
SIS7SB05	Total Solids	60.9	%			1.0
SIS7SB05	4-Chloroaniline	360	ug/kg	U	U	110
SIS7SB05	Pentachlorophenol	820	ug/kg	U	U	110
SIS7SB05	2-Methyl-4,6-dinitrophenol	820	ug/kg	U	U	120
SIS7SB05	2,4,6-Trichlorophenol	420	ug/kg	U	U	120
SIS7SB05	2,4-Dimethylphenol	420	ug/kg	U	U	130
SIS7SB05	Benzyl alcohol	440	ug/kg	U	U	130
SIS7SB05	Naphthalene	49	ug/kg	U	U	15
SIS7SB05	4-Chloro-3-methylphenol	510	ug/kg	U	U	150
SIS7SB05	2,4-Dichlorophenol	520	ug/kg	U	U	150
SIS7SB05	1,2-Dichlorobenzene	52	ug/kg	U	U	16
SIS7SB05	Anthracene	54	ug/kg	U	U	16
SIS7SB05	4-Bromophenyl phenyl ether	55	ug/kg	U	U	16
SIS7SB05	2-Methylphenol	550	ug/kg	U	U	160
SIS7SB05	4-Methylphenol	570	ug/kg	U	U	170
SIS7SB05	2-Chlorophenol	570	ug/kg	U	U	170
SIS7SB05	2,4,5-Trichlorophenol	570	ug/kg	U	U	170
SIS7SB05	Fluorene	57	ug/kg	U	U	18
SIS7SB05	Carbazole	59	ug/kg	U	U	18
SIS7SB05	Dibenzo(a,h)anthracene	59	ug/kg	U	U	18
SIS7SB05	1,3-Dichlorobenzene	60	ug/kg	U	U	18

SIS7SB05	Bis(2-chloroisopropyl) ether	62	ug/kg	U	U	18
SIS7SB05	2-Nitrophenol	650	ug/kg	U	U	190
SIS7SB05	Phenol	670	ug/kg	U	U	200
SIS7SB05	1,4-Dichlorobenzene	68	ug/kg	U	U	21
SIS7SB05	2-Chloronaphthalene	73	ug/kg	U	U	21
SIS7SB05	Bis(2-chloroethyl) ether	75	ug/kg	U	U	23
SIS7SB05	Hexachlorobenzene	82	ug/kg	U	U	24
SIS7SB05	Acenaphthene	83	ug/kg	U	U	24
SIS7SB05	1,2,4-Trichlorobenzene	86	ug/kg	U	U	26
SIS7SB05	Hexachloroethane	90	ug/kg	U	U	28
SIS7SB05	N-Nitrosodiphenylamine	93	ug/kg	U	U	28
SIS7SB05	2-Methylnaphthalene	160	ug/kg	U	U	31
SIS7SB05	2,6-Dinitrotoluene	160	ug/kg	U	U	33
SIS7SB05	Acenaphthylene	160	ug/kg	U	U	33
SIS7SB05	Bis(2-chloroethoxy)methane	160	ug/kg	U	U	33
SIS7SB05	Benzo(k)fluoranthene	160	ug/kg	U	U	34
SIS7SB05	2,4-Dinitrophenol	1200	ug/kg	U	UJ	340
SIS7SB05	2,4-Dinitrotoluene	160	ug/kg	U	U	38
SIS7SB05	Butylbenzyl phthalate	160	ug/kg	U	U	39
SIS7SB05	Benzo(g,h,i)perylene	160	ug/kg	U	U	41
SIS7SB05	Dimethyl phthalate	160	ug/kg	U	U	42
SIS7SB05	2-Nitroaniline	160	ug/kg	U	U	42
SIS7SB05	Isophorone	160	ug/kg	U	U	44
SIS7SB05	3,3'-Dichlorobenzidine	1500	ug/kg	U	U	450
SIS7SB05	Benzoic acid	1600	ug/kg	U	U	470
SIS7SB05	N-Nitroso-di-n-propylamine	180	ug/kg	U	U	49
SIS7SB05	Hexachlorobutadiene	170	ug/kg	U	U	51
SIS7SB05	4-Chlorophenyl phenyl ether	180	ug/kg	U	U	51
SIS7SB05	4-Nitroaniline	180	ug/kg	U	U	51
SIS7SB05	3-Nitroaniline	180	ug/kg	U	U	52
SIS7SB05	4-Nitrophenol	1800	ug/kg	U	U	530
SIS7SB05	Dibenzofuran	210	ug/kg	U	U	60
SIS7SB05	Diethyl phthalate	210	ug/kg	U	U	62
SIS7SB05	Di-n-octyl phthalate	210	ug/kg	U	U	64
SIS7SB05	Nitrobenzene	230	ug/kg	U	U	65
SIS7SB05	Di-n-butyl phthalate	230	ug/kg	U	U	65
SIS7SB05	Indeno(1,2,3-cd)pyrene	21	ug/kg	J	J	13
SIS7SB05	Benzo(a)pyrene	32	ug/kg	J	J	31
SIS7SB05	Phenanthrene	34	ug/kg	J	J	18
SIS7SB05	Chrysene	35	ug/kg	J	J	20
SIS7SB05	Benzo(a)anthracene	36	ug/kg	J	J	15
SIS7SB05	Benzo(b)fluoranthene	53	ug/kg	J	J	18
SIS7SB05	Pyrene	60	ug/kg	J	J	18
SIS7SB05	Bis(2-ethylhexyl) phthalate	66	ug/kg	JB	U	46
SIS7SB05	Fluoranthene	78	ug/kg	J	J	34
SIS7SB06	Total Solids	69	%			1.0
SIS7SB06	Pentachlorophenol	730	ug/kg	U	U	100
SIS7SB06	2-Methyl-4,6-dinitrophenol	730	ug/kg	U	U	100
SIS7SB06	2,4,6-Trichlorophenol	380	ug/kg	U	U	110
SIS7SB06	2,4-Dimethylphenol	380	ug/kg	U	U	110
SIS7SB06	Benzyl alcohol	390	ug/kg	U	U	110
SIS7SB06	Naphthalene	44	ug/kg	U	U	13

SIS7SB06	4-Chloro-3-methylphenol	450	ug/kg	U	U	130
SIS7SB06	2,4-Dichlorophenol	460	ug/kg	U	U	140
SIS7SB06	1,2-Dichlorobenzene	46	ug/kg	U	U	15
SIS7SB06	4-Bromophenyl phenyl ether	49	ug/kg	U	U	15
SIS7SB06	2-Methylphenol	490	ug/kg	U	U	150
SIS7SB06	4-Methylphenol	510	ug/kg	U	U	150
SIS7SB06	2-Chlorophenol	510	ug/kg	U	U	150
SIS7SB06	2,4,5-Trichlorophenol	510	ug/kg	U	U	150
SIS7SB06	1,3-Dichlorobenzene	54	ug/kg	U	U	16
SIS7SB06	Bis(2-chloroisopropyl) ether	55	ug/kg	U	U	16
SIS7SB06	2-Nitrophenol	580	ug/kg	U	U	170
SIS7SB06	Phenol	600	ug/kg	U	U	180
SIS7SB06	1,4-Dichlorobenzene	61	ug/kg	U	U	19
SIS7SB06	2-Chloronaphthalene	65	ug/kg	U	U	19
SIS7SB06	Bis(2-chloroethyl) ether	67	ug/kg	U	U	20
SIS7SB06	Hexachlorobenzene	73	ug/kg	U	U	22
SIS7SB06	1,2,4-Trichlorobenzene	77	ug/kg	U	U	23
SIS7SB06	Hexachloroethane	80	ug/kg	U	U	25
SIS7SB06	N-Nitrosodiphenylamine	83	ug/kg	U	U	25
SIS7SB06	2-Methylnaphthalene	94	ug/kg	U	U	28
SIS7SB06	2,6-Dinitrotoluene	97	ug/kg	U	U	29
SIS7SB06	Acenaphthylene	97	ug/kg	U	U	29
SIS7SB06	Bis(2-chloroethoxy)methane	97	ug/kg	U	U	29
SIS7SB06	2,4-Dinitrophenol	1000	ug/kg	U	UJ	310
SIS7SB06	2,4-Dinitrotoluene	150	ug/kg	U	U	33
SIS7SB06	Butylbenzyl phthalate	150	ug/kg	U	U	35
SIS7SB06	Dimethyl phthalate	150	ug/kg	U	U	38
SIS7SB06	2-Nitroaniline	150	ug/kg	U	U	38
SIS7SB06	Isophorone	150	ug/kg	U	U	39
SIS7SB06	3,3'-Dichlorobenzidine	1400	ug/kg	U	U	400
SIS7SB06	N-Nitroso-di-n-propylamine	160	ug/kg	U	U	44
SIS7SB06	Hexachlorobutadiene	150	ug/kg	U	U	45
SIS7SB06	4-Chlorophenyl phenyl ether	160	ug/kg	U	U	45
SIS7SB06	4-Nitroaniline	160	ug/kg	U	U	45
SIS7SB06	3-Nitroaniline	160	ug/kg	U	U	46
SIS7SB06	4-Nitrophenol	1600	ug/kg	U	U	470
SIS7SB06	Dibenzofuran	190	ug/kg	U	U	54
SIS7SB06	Diethyl phthalate	190	ug/kg	U	U	55
SIS7SB06	Di-n-octyl phthalate	190	ug/kg	U	U	57
SIS7SB06	Nitrobenzene	200	ug/kg	U	U	58
SIS7SB06	Di-n-butyl phthalate	200	ug/kg	U	U	58
SIS7SB06	4-Chloroaniline	320	ug/kg	U	U	94
SIS7SB06	Carbazole	110	ug/kg	J	J	16
SIS7SB06	Bis(2-ethylhexyl) phthalate	120	ug/kg	JB	U	41
SIS7SB06	Pyrene	1200	ug/kg			16
SIS7SB06	Benzo(b)fluoranthene	1300	ug/kg			16
SIS7SB06	Fluoranthene	1600	ug/kg			30
SIS7SB06	Benzoic acid	1700	ug/kg			420
SIS7SB06	Acenaphthene	24	ug/kg	J	J	22
SIS7SB06	Benzo(g,h,i)perylene	280	ug/kg			36
SIS7SB06	Indeno(1,2,3-cd)pyrene	300	ug/kg			12
SIS7SB06	Fluorene	37	ug/kg	J	J	16

SIS7SB06	Benzo(k)fluoranthene	380	ug/kg			30
SIS7SB06	Benzo(a)anthracene	630	ug/kg			13
SIS7SB06	Benzo(a)pyrene	700	ug/kg			28
SIS7SB06	Phenanthrene	720	ug/kg			16
SIS7SB06	Dibenzo(a,h)anthracene	83	ug/kg	J	J	16
SIS7SB06	Chrysene	860	ug/kg			17
SIS7SB06	Anthracene	94	ug/kg	J	J	15
SIS7SB07	Total Solids	86.4	%			1.0
SIS7SB07	Naphthalene	35	ug/kg	U	U	10
SIS7SB07	4-Chloro-3-methylphenol	360	ug/kg	U	U	110
SIS7SB07	2,4-Dichlorophenol	370	ug/kg	U	U	110
SIS7SB07	1,2-Dichlorobenzene	37	ug/kg	U	U	12
SIS7SB07	4-Bromophenyl phenyl ether	40	ug/kg	U	U	12
SIS7SB07	2-Methylphenol	400	ug/kg	U	U	120
SIS7SB07	4-Methylphenol	410	ug/kg	U	U	120
SIS7SB07	2-Chlorophenol	410	ug/kg	U	U	120
SIS7SB07	2,4,5-Trichlorophenol	410	ug/kg	U	U	120
SIS7SB07	1,3-Dichlorobenzene	43	ug/kg	U	U	13
SIS7SB07	Bis(2-chloroisopropyl) ether	44	ug/kg	U	U	13
SIS7SB07	2-Nitrophenol	460	ug/kg	U	U	140
SIS7SB07	Phenol	480	ug/kg	U	U	140
SIS7SB07	1,4-Dichlorobenzene	49	ug/kg	U	U	15
SIS7SB07	2-Chloronaphthalene	52	ug/kg	U	U	15
SIS7SB07	Bis(2-chloroethyl) ether	53	ug/kg	U	U	16
SIS7SB07	Hexachlorobenzene	58	ug/kg	U	U	17
SIS7SB07	1,2,4-Trichlorobenzene	62	ug/kg	U	U	19
SIS7SB07	Hexachloroethane	64	ug/kg	U	U	20
SIS7SB07	N-Nitrosodiphenylamine	66	ug/kg	U	U	20
SIS7SB07	2-Methylnaphthalene	76	ug/kg	U	U	22
SIS7SB07	2,6-Dinitrotoluene	78	ug/kg	U	U	23
SIS7SB07	Acenaphthylene	78	ug/kg	U	U	23
SIS7SB07	Bis(2-chloroethoxy)methane	78	ug/kg	U	U	23
SIS7SB07	2,4-Dinitrophenol	830	ug/kg	U	U	250
SIS7SB07	2,4-Dinitrotoluene	88	ug/kg	U	U	27
SIS7SB07	Butylbenzyl phthalate	93	ug/kg	U	U	28
SIS7SB07	Dimethyl phthalate	120	ug/kg	U	U	30
SIS7SB07	2-Nitroaniline	120	ug/kg	U	U	30
SIS7SB07	Isophorone	120	ug/kg	U	U	31
SIS7SB07	3,3'-Dichlorobenzidine	1100	ug/kg	U	UJ	320
SIS7SB07	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	35
SIS7SB07	Hexachlorobutadiene	120	ug/kg	U	U	36
SIS7SB07	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	36
SIS7SB07	4-Nitroaniline	130	ug/kg	U	U	36
SIS7SB07	3-Nitroaniline	130	ug/kg	U	U	37
SIS7SB07	4-Nitrophenol	1300	ug/kg	U	U	370
SIS7SB07	Dibenzofuran	150	ug/kg	U	U	43
SIS7SB07	Diethyl phthalate	150	ug/kg	U	U	44
SIS7SB07	Di-n-octyl phthalate	150	ug/kg	U	U	45
SIS7SB07	Nitrobenzene	160	ug/kg	U	U	46
SIS7SB07	Di-n-butyl phthalate	160	ug/kg	U	U	46
SIS7SB07	4-Chloroaniline	260	ug/kg	U	U	76
SIS7SB07	Pentachlorophenol	580	ug/kg	U	U	81

SIS7SB07	2-Methyl-4,6-dinitrophenol	580	ug/kg	U	U	83
SIS7SB07	2,4,6-Trichlorophenol	300	ug/kg	U	U	88
SIS7SB07	2,4-Dimethylphenol	300	ug/kg	U	U	89
SIS7SB07	Benzyl alcohol	310	ug/kg	U	U	91
SIS7SB07	Benzo(a)pyrene	1100	ug/kg			22
SIS7SB07	Chrysene	1200	ug/kg			14
SIS7SB07	Bis(2-ethylhexyl) phthalate	130	ug/kg	B	U	33
SIS7SB07	Anthracene	130	ug/kg			12
SIS7SB07	Pyrene	1800	ug/kg			13
SIS7SB07	Fluoranthene	2100	ug/kg			24
SIS7SB07	Carbazole	220	ug/kg			13
SIS7SB07	Benzo(b)fluoranthene	2200	ug/kg			13
SIS7SB07	Benzo(g,h,i)perylene	290	ug/kg			29
SIS7SB07	Acenaphthene	30	ug/kg	J	J	17
SIS7SB07	Indeno(1,2,3-cd)pyrene	350	ug/kg			9.3
SIS7SB07	Fluorene	39	ug/kg	J	J	13
SIS7SB07	Benzoic acid	460	ug/kg	J	J	340
SIS7SB07	Benzo(k)fluoranthene	830	ug/kg			24
SIS7SB07	Benzo(a)anthracene	850	ug/kg			10
SIS7SB07	Phenanthrene	850	ug/kg			13
SIS7SB07	Dibenzo(a,h)anthracene	93	ug/kg	J	J	13
SIS7SB08	Total Solids	74.1	%			1.0
SIS7SB08	2,4,6-Trichlorophenol	350	ug/kg	U	U	100
SIS7SB08	2,4-Dimethylphenol	350	ug/kg	U	U	100
SIS7SB08	Benzyl alcohol	360	ug/kg	U	U	100
SIS7SB08	Naphthalene	40	ug/kg	U	U	12
SIS7SB08	4-Chloro-3-methylphenol	420	ug/kg	U	U	120
SIS7SB08	2,4-Dichlorophenol	430	ug/kg	U	U	120
SIS7SB08	1,2-Dichlorobenzene	43	ug/kg	U	U	13
SIS7SB08	Anthracene	44	ug/kg	U	U	13
SIS7SB08	4-Bromophenyl phenyl ether	46	ug/kg	U	U	13
SIS7SB08	2-Methylphenol	460	ug/kg	U	U	140
SIS7SB08	4-Methylphenol	470	ug/kg	U	U	140
SIS7SB08	2-Chlorophenol	470	ug/kg	U	U	140
SIS7SB08	2,4,5-Trichlorophenol	470	ug/kg	U	U	140
SIS7SB08	Fluorene	47	ug/kg	U	U	15
SIS7SB08	Carbazole	48	ug/kg	U	U	15
SIS7SB08	Dibenzo(a,h)anthracene	48	ug/kg	U	U	15
SIS7SB08	1,3-Dichlorobenzene	50	ug/kg	U	U	15
SIS7SB08	Bis(2-chloroisopropyl) ether	51	ug/kg	U	U	15
SIS7SB08	2-Nitrophenol	540	ug/kg	U	U	160
SIS7SB08	Phenol	550	ug/kg	U	U	160
SIS7SB08	1,4-Dichlorobenzene	56	ug/kg	U	U	17
SIS7SB08	2-Chloronaphthalene	60	ug/kg	U	U	17
SIS7SB08	Bis(2-chloroethyl) ether	62	ug/kg	U	U	19
SIS7SB08	Hexachlorobenzene	67	ug/kg	U	U	20
SIS7SB08	Acenaphthene	68	ug/kg	U	U	20
SIS7SB08	1,2,4-Trichlorobenzene	71	ug/kg	U	U	21
SIS7SB08	Hexachloroethane	74	ug/kg	U	U	23
SIS7SB08	N-Nitrosodiphenylamine	76	ug/kg	U	U	23
SIS7SB08	Benzo(a)pyrene	84	ug/kg	U	U	25
SIS7SB08	2-Methylnaphthalene	87	ug/kg	U	U	25

SIS7SB08	2,6-Dinitrotoluene	90	ug/kg	U	U	27
SIS7SB08	Acenaphthylene	90	ug/kg	U	U	27
SIS7SB08	Bis(2-chloroethoxy)methane	90	ug/kg	U	U	27
SIS7SB08	Benzo(k)fluoranthene	94	ug/kg	U	U	28
SIS7SB08	2,4-Dinitrophenol	950	ug/kg	U	U	280
SIS7SB08	2,4-Dinitrotoluene	130	ug/kg	U	U	31
SIS7SB08	Butylbenzyl phthalate	130	ug/kg	U	U	32
SIS7SB08	Benzo(g,h,i)perylene	130	ug/kg	U	U	34
SIS7SB08	Dimethyl phthalate	130	ug/kg	U	U	35
SIS7SB08	2-Nitroaniline	130	ug/kg	U	U	35
SIS7SB08	Isophorone	130	ug/kg	U	U	36
SIS7SB08	3,3'-Dichlorobenzidine	1200	ug/kg	U	UJ	370
SIS7SB08	N-Nitroso-di-n-propylamine	150	ug/kg	U	U	40
SIS7SB08	Hexachlorobutadiene	140	ug/kg	U	U	42
SIS7SB08	4-Chlorophenyl phenyl ether	150	ug/kg	U	U	42
SIS7SB08	4-Nitroaniline	150	ug/kg	U	U	42
SIS7SB08	3-Nitroaniline	150	ug/kg	U	U	43
SIS7SB08	4-Nitrophenol	1500	ug/kg	U	U	430
SIS7SB08	Dibenzofuran	170	ug/kg	U	U	50
SIS7SB08	Diethyl phthalate	170	ug/kg	U	U	51
SIS7SB08	Di-n-octyl phthalate	170	ug/kg	U	U	52
SIS7SB08	Nitrobenzene	190	ug/kg	U	U	54
SIS7SB08	4-Chloroaniline	290	ug/kg	U	U	87
SIS7SB08	Pentachlorophenol	670	ug/kg	U	U	94
SIS7SB08	2-Methyl-4,6-dinitrophenol	670	ug/kg	U	U	95
SIS7SB08	Indeno(1,2,3-cd)pyrene	18	ug/kg	J	J	11
SIS7SB08	Phenanthrene	20	ug/kg	J	J	15
SIS7SB08	Benzo(a)anthracene	23	ug/kg	J	J	12
SIS7SB08	Chrysene	28	ug/kg	J	J	16
SIS7SB08	Benzo(b)fluoranthene	35	ug/kg	J	J	15
SIS7SB08	Pyrene	45	ug/kg	J	J	15
SIS7SB08	Fluoranthene	46	ug/kg	J	J	28
SIS7SB08	Di-n-butyl phthalate	55	ug/kg	J	J	54
SIS7SB08	Benzoic acid	590	ug/kg	J	J	390
SIS7SB08	Bis(2-ethylhexyl) phthalate	63	ug/kg	JB	U	38
SIS7SB09	Total Solids	62.5	%			1.0
SIS7SB09	4-Chloroaniline	350	ug/kg	U	U	100
SIS7SB09	Pentachlorophenol	790	ug/kg	U	U	110
SIS7SB09	2-Methyl-4,6-dinitrophenol	790	ug/kg	U	U	110
SIS7SB09	2,4,6-Trichlorophenol	410	ug/kg	U	U	120
SIS7SB09	2,4-Dimethylphenol	410	ug/kg	U	U	120
SIS7SB09	Benzyl alcohol	430	ug/kg	U	U	120
SIS7SB09	Indeno(1,2,3-cd)pyrene	44	ug/kg	U	U	13
SIS7SB09	Naphthalene	48	ug/kg	U	U	14
SIS7SB09	4-Chloro-3-methylphenol	490	ug/kg	U	U	140
SIS7SB09	2,4-Dichlorophenol	510	ug/kg	U	U	150
SIS7SB09	1,2-Dichlorobenzene	51	ug/kg	U	U	16
SIS7SB09	Anthracene	52	ug/kg	U	U	16
SIS7SB09	4-Bromophenyl phenyl ether	54	ug/kg	U	U	16
SIS7SB09	2-Methylphenol	540	ug/kg	U	U	160
SIS7SB09	Fluorene	56	ug/kg	U	U	17
SIS7SB09	Carbazole	57	ug/kg	U	U	17

SIS7SB09	Dibenzo(a,h)anthracene	57	ug/kg	U	U	17
SIS7SB09	1,3-Dichlorobenzene	59	ug/kg	U	U	17
SIS7SB09	Bis(2-chloroisopropyl) ether	60	ug/kg	U	U	17
SIS7SB09	4-Methylphenol	560	ug/kg	U	U	170
SIS7SB09	2-Chlorophenol	560	ug/kg	U	U	170
SIS7SB09	2,4,5-Trichlorophenol	560	ug/kg	U	U	170
SIS7SB09	2-Nitrophenol	630	ug/kg	U	U	190
SIS7SB09	Phenol	650	ug/kg	U	U	190
SIS7SB09	1,4-Dichlorobenzene	67	ug/kg	U	U	21
SIS7SB09	2-Chloronaphthalene	71	ug/kg	U	U	21
SIS7SB09	Bis(2-chloroethyl) ether	73	ug/kg	U	U	22
SIS7SB09	Hexachlorobenzene	79	ug/kg	U	U	24
SIS7SB09	Acenaphthene	81	ug/kg	U	U	24
SIS7SB09	1,2,4-Trichlorobenzene	84	ug/kg	U	U	25
SIS7SB09	Hexachloroethane	87	ug/kg	U	U	27
SIS7SB09	N-Nitrosodiphenylamine	90	ug/kg	U	U	27
SIS7SB09	Benzo(a)pyrene	160	ug/kg	U	U	30
SIS7SB09	2-Methylnaphthalene	160	ug/kg	U	U	30
SIS7SB09	2,6-Dinitrotoluene	160	ug/kg	U	U	32
SIS7SB09	Acenaphthylene	160	ug/kg	U	U	32
SIS7SB09	Bis(2-chloroethoxy)methane	160	ug/kg	U	U	32
SIS7SB09	Benzo(k)fluoranthene	160	ug/kg	U	U	33
SIS7SB09	2,4-Dinitrophenol	1100	ug/kg	U	UJ	330
SIS7SB09	2,4-Dinitrotoluene	160	ug/kg	U	U	37
SIS7SB09	Butylbenzyl phthalate	160	ug/kg	U	U	38
SIS7SB09	Benzo(g,h,i)perylene	160	ug/kg	U	U	40
SIS7SB09	Dimethyl phthalate	160	ug/kg	U	U	41
SIS7SB09	2-Nitroaniline	160	ug/kg	U	U	41
SIS7SB09	Isophorone	160	ug/kg	U	U	43
SIS7SB09	3,3'-Dichlorobenzidine	1500	ug/kg	U	U	440
SIS7SB09	N-Nitroso-di-n-propylamine	170	ug/kg	U	U	48
SIS7SB09	Hexachlorobutadiene	160	ug/kg	U	U	49
SIS7SB09	4-Chlorophenyl phenyl ether	170	ug/kg	U	U	49
SIS7SB09	4-Nitroaniline	170	ug/kg	U	U	49
SIS7SB09	3-Nitroaniline	170	ug/kg	U	U	51
SIS7SB09	4-Nitrophenol	1700	ug/kg	U	U	510
SIS7SB09	Dibenzofuran	210	ug/kg	U	U	59
SIS7SB09	Di-n-octyl phthalate	210	ug/kg	U	U	62
SIS7SB09	Nitrobenzene	220	ug/kg	U	U	63
SIS7SB09	Diethyl phthalate	210	ug/kg	U	U	60
SIS7SB09	Bis(2-ethylhexyl) phthalate	130	ug/kg	JB	U	44
SIS7SB09	Chrysene	20	ug/kg	J	J	19
SIS7SB09	Phenanthrene	25	ug/kg	J	J	17
SIS7SB09	Benzo(b)fluoranthene	27	ug/kg	J	J	17
SIS7SB09	Benzo(a)anthracene	29	ug/kg	J	J	14
SIS7SB09	Pyrene	38	ug/kg	J	J	17
SIS7SB09	Fluoranthene	44	ug/kg	J	J	33
SIS7SB09	Benzoic acid	580	ug/kg	J	J	460
SIS7SB09	Di-n-butyl phthalate	87	ug/kg	J	J	63
SIS7SS04	Total Solids	46.6	%			1.0
SIS7SS04	4-Chloroaniline	470	ug/kg	UM	UJ	140
SIS7SS04	Pentachlorophenol	520	ug/kg	U	R	150

SIS7SS04	2-Methyl-4,6-dinitrophenol	520	ug/kg	U	R	150
SIS7SS04	2,4,6-Trichlorophenol	560	ug/kg	UM	R	160
SIS7SS04	2,4-Dimethylphenol	560	ug/kg	UM	R	170
SIS7SS04	Benzyl alcohol	580	ug/kg	U	U	170
SIS7SS04	Naphthalene	65	ug/kg	U	U	19
SIS7SS04	4-Chloro-3-methylphenol	670	ug/kg	U	R	200
SIS7SS04	2,4-Dichlorophenol	690	ug/kg	UM	R	200
SIS7SS04	1,2-Dichlorobenzene	69	ug/kg	U	U	22
SIS7SS04	Anthracene	71	ug/kg	UM	UJ	22
SIS7SS04	4-Bromophenyl phenyl ether	73	ug/kg	U	U	22
SIS7SS04	2-Methylphenol	730	ug/kg	UM	R	220
SIS7SS04	4-Methylphenol	750	ug/kg	UM	R	220
SIS7SS04	2-Chlorophenol	750	ug/kg	U	R	230
SIS7SS04	2,4,5-Trichlorophenol	750	ug/kg	U	R	230
SIS7SS04	Fluorene	75	ug/kg	U	U	24
SIS7SS04	Carbazole	77	ug/kg	U	U	24
SIS7SS04	Dibenzo(a,h)anthracene	77	ug/kg	U	U	24
SIS7SS04	1,3-Dichlorobenzene	80	ug/kg	U	U	24
SIS7SS04	Bis(2-chloroisopropyl) ether	82	ug/kg	U	U	24
SIS7SS04	2-Nitrophenol	860	ug/kg	U	R	250
SIS7SS04	Phenol	880	ug/kg	U	R	260
SIS7SS04	1,4-Dichlorobenzene	90	ug/kg	U	U	28
SIS7SS04	2-Chloronaphthalene	97	ug/kg	U	U	28
SIS7SS04	Bis(2-chloroethyl) ether	99	ug/kg	U	U	30
SIS7SS04	Hexachlorobenzene	220	ug/kg	U	U	32
SIS7SS04	Acenaphthene	220	ug/kg	U	U	32
SIS7SS04	1,2,4-Trichlorobenzene	220	ug/kg	U	U	34
SIS7SS04	Hexachloroethane	220	ug/kg	U	U	37
SIS7SS04	N-Nitrosodiphenylamine	430	ug/kg	UM	UJ	37
SIS7SS04	Benzo(a)pyrene	220	ug/kg	UM	UJ	41
SIS7SS04	2-Methylnaphthalene	220	ug/kg	U	U	41
SIS7SS04	2,6-Dinitrotoluene	220	ug/kg	U	U	43
SIS7SS04	Bis(2-chloroethoxy)methane	220	ug/kg	U	U	43
SIS7SS04	Acenaphthylene	220	ug/kg	UM	UJ	43
SIS7SS04	Benzo(k)fluoranthene	220	ug/kg	U	U	45
SIS7SS04	2,4-Dinitrophenol	1500	ug/kg	U	R	450
SIS7SS04	2,4-Dinitrotoluene	220	ug/kg	U	U	50
SIS7SS04	Butylbenzyl phthalate	220	ug/kg	U	U	52
SIS7SS04	Benzo(g,h,i)perylene	220	ug/kg	U	U	54
SIS7SS04	Dimethyl phthalate	220	ug/kg	U	U	56
SIS7SS04	2-Nitroaniline	220	ug/kg	U	U	56
SIS7SS04	Isophorone	220	ug/kg	U	U	58
SIS7SS04	3,3'-Dichlorobenzidine	2000	ug/kg	UM	R	600
SIS7SS04	N-Nitroso-di-n-propylamine	240	ug/kg	U	U	65
SIS7SS04	Hexachlorobutadiene	220	ug/kg	U	U	67
SIS7SS04	4-Chlorophenyl phenyl ether	240	ug/kg	U	U	67
SIS7SS04	4-Nitroaniline	240	ug/kg	U	U	67
SIS7SS04	3-Nitroaniline	240	ug/kg	U	U	69
SIS7SS04	4-Nitrophenol	2400	ug/kg	U	R	690
SIS7SS04	Dibenzofuran	280	ug/kg	U	U	80
SIS7SS04	Diethyl phthalate	280	ug/kg	U	U	82
SIS7SS04	Di-n-octyl phthalate	280	ug/kg	U	U	84

SIS7SS04	Nitrobenzene	300	ug/kg	U	U	86
SIS7SS04	Di-n-butyl phthalate	110	ug/kg	JB	J	86
SIS7SS04	Bis(2-ethylhexyl) phthalate	130	ug/kg	JB	U	60
SIS7SS04	Indeno(1,2,3-cd)pyrene	23	ug/kg	J	J	17
SIS7SS04	Chrysene	30	ug/kg	JM	J	26
SIS7SS04	Phenanthrene	31	ug/kg	J	J	24
SIS7SS04	Benzo(b)fluoranthene	33	ug/kg	J	J	24
SIS7SS04	Benzo(a)anthracene	34	ug/kg	J	J	19
SIS7SS04	Pyrene	48	ug/kg	J	J	24
SIS7SS04	Fluoranthene	63	ug/kg	JM	J	45
SIS7SS04	Benzoic acid	940	ug/kg	J	J	630
SIS7SS05	Total Solids	71.1	%			1.0
SIS7SS05	2-Methyl-4,6-dinitrophenol	700	ug/kg	U	U	100
SIS7SS05	2,4,6-Trichlorophenol	370	ug/kg	U	U	110
SIS7SS05	2,4-Dimethylphenol	370	ug/kg	U	U	110
SIS7SS05	Benzyl alcohol	380	ug/kg	U	U	110
SIS7SS05	Naphthalene	42	ug/kg	U	U	13
SIS7SS05	4-Chloro-3-methylphenol	440	ug/kg	U	U	130
SIS7SS05	2,4-Dichlorophenol	450	ug/kg	U	U	130
SIS7SS05	1,2-Dichlorobenzene	45	ug/kg	U	U	14
SIS7SS05	Anthracene	46	ug/kg	U	U	14
SIS7SS05	4-Bromophenyl phenyl ether	48	ug/kg	U	U	14
SIS7SS05	2-Methylphenol	480	ug/kg	U	U	140
SIS7SS05	Fluorene	49	ug/kg	U	U	15
SIS7SS05	Carbazole	51	ug/kg	U	U	15
SIS7SS05	Dibenzo(a,h)anthracene	51	ug/kg	U	U	15
SIS7SS05	1,3-Dichlorobenzene	52	ug/kg	U	U	15
SIS7SS05	Bis(2-chloroisopropyl) ether	53	ug/kg	U	U	15
SIS7SS05	4-Methylphenol	490	ug/kg	U	U	150
SIS7SS05	2-Chlorophenol	490	ug/kg	U	U	150
SIS7SS05	2,4,5-Trichlorophenol	490	ug/kg	U	U	150
SIS7SS05	2-Nitrophenol	560	ug/kg	U	U	170
SIS7SS05	Phenol	580	ug/kg	U	U	170
SIS7SS05	1,4-Dichlorobenzene	59	ug/kg	U	U	18
SIS7SS05	2-Chloronaphthalene	63	ug/kg	U	U	18
SIS7SS05	Bis(2-chloroethyl) ether	65	ug/kg	U	U	20
SIS7SS05	Hexachlorobenzene	70	ug/kg	U	U	21
SIS7SS05	Acenaphthene	72	ug/kg	U	U	21
SIS7SS05	1,2,4-Trichlorobenzene	74	ug/kg	U	U	22
SIS7SS05	Hexachloroethane	77	ug/kg	U	U	24
SIS7SS05	N-Nitrosodiphenylamine	80	ug/kg	U	U	24
SIS7SS05	2-Methylnaphthalene	91	ug/kg	U	U	27
SIS7SS05	2,6-Dinitrotoluene	94	ug/kg	U	U	28
SIS7SS05	Acenaphthylene	94	ug/kg	U	U	28
SIS7SS05	Bis(2-chloroethoxy)methane	94	ug/kg	U	U	28
SIS7SS05	Benzo(k)fluoranthene	98	ug/kg	U	U	30
SIS7SS05	2,4-Dinitrophenol	1000	ug/kg	U	UJ	300
SIS7SS05	2,4-Dinitrotoluene	140	ug/kg	U	U	32
SIS7SS05	Butylbenzyl phthalate	140	ug/kg	U	U	34
SIS7SS05	Benzo(g,h,i)perylene	140	ug/kg	U	U	35
SIS7SS05	Dimethyl phthalate	140	ug/kg	U	U	37
SIS7SS05	2-Nitroaniline	140	ug/kg	U	U	37

SIS7SS05	Isophorone	140	ug/kg	U	U	38
SIS7SS05	3,3'-Dichlorobenzidine	1300	ug/kg	U	U	390
SIS7SS05	Benzoic acid	1400	ug/kg	U	U	410
SIS7SS05	N-Nitroso-di-n-propylamine	150	ug/kg	U	U	42
SIS7SS05	Hexachlorobutadiene	140	ug/kg	U	U	44
SIS7SS05	4-Chlorophenyl phenyl ether	150	ug/kg	U	U	44
SIS7SS05	4-Nitroaniline	150	ug/kg	U	U	44
SIS7SS05	3-Nitroaniline	150	ug/kg	U	U	45
SIS7SS05	4-Nitrophenol	1500	ug/kg	U	U	450
SIS7SS05	Dibenzofuran	180	ug/kg	U	U	52
SIS7SS05	Diethyl phthalate	180	ug/kg	U	U	53
SIS7SS05	Di-n-octyl phthalate	180	ug/kg	U	U	55
SIS7SS05	Nitrobenzene	200	ug/kg	U	U	56
SIS7SS05	Di-n-butyl phthalate	200	ug/kg	U	U	56
SIS7SS05	4-Chloroaniline	310	ug/kg	U	U	91
SIS7SS05	Pentachlorophenol	700	ug/kg	U	U	98
SIS7SS05	Bis(2-ethylhexyl) phthalate	110	ug/kg	JB	U	39
SIS7SS05	Indeno(1,2,3-cd)pyrene	19	ug/kg	J	J	11
SIS7SS05	Phenanthrene	20	ug/kg	J	J	15
SIS7SS05	Benzo(a)anthracene	26	ug/kg	J	J	13
SIS7SS05	Benzo(a)pyrene	27	ug/kg	J	J	27
SIS7SS05	Chrysene	31	ug/kg	J	J	17
SIS7SS05	Benzo(b)fluoranthene	40	ug/kg	J	J	15
SIS7SS05	Pyrene	41	ug/kg	J	J	15
SIS7SS05	Fluoranthene	56	ug/kg	J	J	30
SIS7SS06	Total Solids	84.6	%			1.0
SIS7SS06	Naphthalene	35	ug/kg	U	U	11
SIS7SS06	4-Chloro-3-methylphenol	360	ug/kg	U	U	110
SIS7SS06	2,4-Dichlorophenol	380	ug/kg	U	U	110
SIS7SS06	1,2-Dichlorobenzene	38	ug/kg	U	U	12
SIS7SS06	4-Bromophenyl phenyl ether	40	ug/kg	U	U	12
SIS7SS06	2-Methylphenol	400	ug/kg	U	U	120
SIS7SS06	4-Methylphenol	410	ug/kg	U	U	120
SIS7SS06	2-Chlorophenol	410	ug/kg	U	U	120
SIS7SS06	2,4,5-Trichlorophenol	410	ug/kg	U	U	120
SIS7SS06	Dibenzo(a,h)anthracene	42	ug/kg	U	U	13
SIS7SS06	1,3-Dichlorobenzene	43	ug/kg	U	U	13
SIS7SS06	Bis(2-chloroisopropyl) ether	45	ug/kg	U	U	13
SIS7SS06	2-Nitrophenol	470	ug/kg	U	U	140
SIS7SS06	Phenol	480	ug/kg	U	U	140
SIS7SS06	1,4-Dichlorobenzene	49	ug/kg	U	U	15
SIS7SS06	2-Chloronaphthalene	53	ug/kg	U	U	15
SIS7SS06	Bis(2-chloroethyl) ether	54	ug/kg	U	U	16
SIS7SS06	Hexachlorobenzene	59	ug/kg	U	U	18
SIS7SS06	Acenaphthene	60	ug/kg	U	U	18
SIS7SS06	1,2,4-Trichlorobenzene	62	ug/kg	U	U	19
SIS7SS06	Hexachloroethane	65	ug/kg	U	U	20
SIS7SS06	N-Nitrosodiphenylamine	67	ug/kg	U	U	20
SIS7SS06	2-Methylnaphthalene	76	ug/kg	U	U	22
SIS7SS06	2,6-Dinitrotoluene	79	ug/kg	U	U	23
SIS7SS06	Acenaphthylene	79	ug/kg	U	U	23
SIS7SS06	Bis(2-chloroethoxy)methane	79	ug/kg	U	U	23

SIS7SS06	2,4-Dinitrophenol	830	ug/kg	U	UJ	250
SIS7SS06	2,4-Dinitrotoluene	89	ug/kg	U	U	27
SIS7SS06	Butylbenzyl phthalate	94	ug/kg	U	U	28
SIS7SS06	Dimethyl phthalate	120	ug/kg	U	U	31
SIS7SS06	2-Nitroaniline	120	ug/kg	U	U	31
SIS7SS06	Isophorone	120	ug/kg	U	U	32
SIS7SS06	3,3'-Dichlorobenzidine	1100	ug/kg	U	U	330
SIS7SS06	Benzoic acid	1200	ug/kg	U	U	340
SIS7SS06	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	35
SIS7SS06	Hexachlorobutadiene	120	ug/kg	U	U	36
SIS7SS06	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	36
SIS7SS06	4-Nitroaniline	130	ug/kg	U	U	36
SIS7SS06	3-Nitroaniline	130	ug/kg	U	U	38
SIS7SS06	4-Nitrophenol	1300	ug/kg	U	U	380
SIS7SS06	Dibenzofuran	150	ug/kg	U	U	43
SIS7SS06	Diethyl phthalate	150	ug/kg	U	U	45
SIS7SS06	Di-n-octyl phthalate	150	ug/kg	U	U	46
SIS7SS06	Nitrobenzene	160	ug/kg	U	U	47
SIS7SS06	Di-n-butyl phthalate	160	ug/kg	U	U	47
SIS7SS06	4-Chloroaniline	260	ug/kg	U	U	76
SIS7SS06	Pentachlorophenol	590	ug/kg	U	U	82
SIS7SS06	2-Methyl-4,6-dinitrophenol	590	ug/kg	U	U	83
SIS7SS06	2,4,6-Trichlorophenol	310	ug/kg	U	U	89
SIS7SS06	2,4-Dimethylphenol	310	ug/kg	U	U	90
SIS7SS06	Benzyl alcohol	320	ug/kg	U	U	92
SIS7SS06	Pyrene	1300	ug/kg			13
SIS7SS06	Carbazole	140	ug/kg			13
SIS7SS06	Benzo(b)fluoranthene	1400	ug/kg			13
SIS7SS06	Fluoranthene	1800	ug/kg			25
SIS7SS06	Fluorene	34	ug/kg	J	J	13
SIS7SS06	Benzo(k)fluoranthene	450	ug/kg			25
SIS7SS06	Benzo(g,h,i)perylene	480	ug/kg			29
SIS7SS06	Indeno(1,2,3-cd)pyrene	520	ug/kg			9.4
SIS7SS06	Benzo(a)anthracene	700	ug/kg			11
SIS7SS06	Phenanthrene	730	ug/kg			13
SIS7SS06	Bis(2-ethylhexyl) phthalate	77	ug/kg	JB	U	33
SIS7SS06	Benzo(a)pyrene	810	ug/kg			22
SIS7SS06	Anthracene	98	ug/kg	J	J	12
SIS7SS06	Chrysene	990	ug/kg			14
SIS7SS07	Total Solids	83.1	%			1.0
SIS7SS07	Naphthalene	36	ug/kg	U	U	11
SIS7SS07	4-Chloro-3-methylphenol	370	ug/kg	U	U	110
SIS7SS07	2,4-Dichlorophenol	380	ug/kg	U	U	110
SIS7SS07	1,2-Dichlorobenzene	38	ug/kg	U	U	12
SIS7SS07	4-Bromophenyl phenyl ether	41	ug/kg	U	U	12
SIS7SS07	2-Methylphenol	410	ug/kg	U	U	120
SIS7SS07	4-Methylphenol	420	ug/kg	U	U	120
SIS7SS07	1,3-Dichlorobenzene	44	ug/kg	U	U	13
SIS7SS07	Bis(2-chloroisopropyl) ether	46	ug/kg	U	U	13
SIS7SS07	2-Chlorophenol	420	ug/kg	U	U	130
SIS7SS07	2,4,5-Trichlorophenol	420	ug/kg	U	U	130
SIS7SS07	2-Nitrophenol	480	ug/kg	U	U	140

SIS7SS07	Phenol	490	ug/kg	U	U	150
SIS7SS07	1,4-Dichlorobenzene	50	ug/kg	U	U	16
SIS7SS07	2-Chloronaphthalene	54	ug/kg	U	U	16
SIS7SS07	Bis(2-chloroethyl) ether	55	ug/kg	U	U	17
SIS7SS07	Hexachlorobenzene	60	ug/kg	U	U	18
SIS7SS07	Acenaphthene	61	ug/kg	U	U	18
SIS7SS07	1,2,4-Trichlorobenzene	64	ug/kg	U	U	19
SIS7SS07	Hexachloroethane	66	ug/kg	U	U	20
SIS7SS07	N-Nitrosodiphenylamine	68	ug/kg	U	U	20
SIS7SS07	2-Methylnaphthalene	78	ug/kg	U	U	23
SIS7SS07	2,6-Dinitrotoluene	80	ug/kg	U	U	24
SIS7SS07	Acenaphthylene	80	ug/kg	U	U	24
SIS7SS07	Bis(2-chloroethoxy)methane	80	ug/kg	U	U	24
SIS7SS07	2,4-Dinitrophenol	850	ug/kg	U	U	250
SIS7SS07	2,4-Dinitrotoluene	91	ug/kg	U	U	28
SIS7SS07	Butylbenzyl phthalate	96	ug/kg	U	U	29
SIS7SS07	Dimethyl phthalate	120	ug/kg	U	U	31
SIS7SS07	2-Nitroaniline	120	ug/kg	U	U	31
SIS7SS07	Isophorone	120	ug/kg	U	U	32
SIS7SS07	3,3'-Dichlorobenzidine	1100	ug/kg	UM	R	330
SIS7SS07	N-Nitroso-di-n-propylamine	130	ug/kg	U	U	36
SIS7SS07	Hexachlorobutadiene	120	ug/kg	U	U	37
SIS7SS07	4-Chlorophenyl phenyl ether	130	ug/kg	U	U	37
SIS7SS07	4-Nitroaniline	130	ug/kg	U	U	37
SIS7SS07	3-Nitroaniline	130	ug/kg	U	U	38
SIS7SS07	4-Nitrophenol	1300	ug/kg	U	U	390
SIS7SS07	Dibenzofuran	160	ug/kg	U	U	44
SIS7SS07	Di-n-octyl phthalate	160	ug/kg	U	U	47
SIS7SS07	Nitrobenzene	170	ug/kg	U	U	48
SIS7SS07	4-Chloroaniline	260	ug/kg	UM	UJ	78
SIS7SS07	Pentachlorophenol	600	ug/kg	U	U	84
SIS7SS07	2-Methyl-4,6-dinitrophenol	600	ug/kg	U	U	85
SIS7SS07	2,4,6-Trichlorophenol	310	ug/kg	U	U	91
SIS7SS07	2,4-Dimethylphenol	310	ug/kg	U	U	92
SIS7SS07	Benzyl alcohol	320	ug/kg	U	U	94
SIS7SS07	Fluorene	14	ug/kg	J	J	13
SIS7SS07	Bis(2-ethylhexyl) phthalate	140	ug/kg	B	U	34
SIS7SS07	Benzo(g,h,i)perylene	190	ug/kg	M	J	30
SIS7SS07	Indeno(1,2,3-cd)pyrene	210	ug/kg	M	J	9.6
SIS7SS07	Benzo(k)fluoranthene	220	ug/kg			25
SIS7SS07	Phenanthrene	290	ug/kg			13
SIS7SS07	Benzo(a)anthracene	360	ug/kg			11
SIS7SS07	Carbazole	40	ug/kg	J	J	13
SIS7SS07	Benzo(a)pyrene	440	ug/kg			23
SIS7SS07	Anthracene	45	ug/kg	J	J	12
SIS7SS07	Chrysene	450	ug/kg			14
SIS7SS07	Benzoic acid	490	ug/kg	JY	J	350
SIS7SS07	Dibenzo(a,h)anthracene	52	ug/kg	JM	J	13
SIS7SS07	Pyrene	640	ug/kg			13
SIS7SS07	Diethyl phthalate	160	ug/kg	U	U	46
SIS7SS07	Fluoranthene	790	ug/kg			25
SIS7SS07	Di-n-butyl phthalate	82	ug/kg	J	J	48

SIS7SS07	Benzo(b)fluoranthene	830	ug/kg			13
SIS7SS08	Total Solids	76.8	%			1.0
SIS7SS08	2,4-Dimethylphenol	340	ug/kg	U	UJ	100
SIS7SS08	Benzyl alcohol	350	ug/kg	U	UJ	100
SIS7SS08	Naphthalene	39	ug/kg	U	UJ	12
SIS7SS08	4-Chloro-3-methylphenol	400	ug/kg	U	UJ	120
SIS7SS08	2,4-Dichlorophenol	420	ug/kg	U	UJ	120
SIS7SS08	1,2-Dichlorobenzene	42	ug/kg	U	UJ	13
SIS7SS08	Anthracene	43	ug/kg	U	UJ	13
SIS7SS08	4-Bromophenyl phenyl ether	44	ug/kg	U	UJ	13
SIS7SS08	2-Methylphenol	440	ug/kg	U	UJ	130
SIS7SS08	Fluorene	45	ug/kg	U	UJ	14
SIS7SS08	Carbazole	47	ug/kg	U	UJ	14
SIS7SS08	Dibenzo(a,h)anthracene	47	ug/kg	U	UJ	14
SIS7SS08	1,3-Dichlorobenzene	48	ug/kg	U	UJ	14
SIS7SS08	Bis(2-chloroisopropyl) ether	49	ug/kg	U	UJ	14
SIS7SS08	4-Methylphenol	450	ug/kg	U	UJ	140
SIS7SS08	2-Chlorophenol	450	ug/kg	U	UJ	140
SIS7SS08	2,4,5-Trichlorophenol	450	ug/kg	U	UJ	140
SIS7SS08	2-Nitrophenol	520	ug/kg	U	UJ	150
SIS7SS08	Phenol	530	ug/kg	U	UJ	160
SIS7SS08	1,4-Dichlorobenzene	55	ug/kg	U	UJ	17
SIS7SS08	2-Chloronaphthalene	58	ug/kg	U	UJ	17
SIS7SS08	Bis(2-chloroethyl) ether	60	ug/kg	U	UJ	18
SIS7SS08	Hexachlorobenzene	65	ug/kg	U	UJ	19
SIS7SS08	Acenaphthene	66	ug/kg	U	UJ	19
SIS7SS08	1,2,4-Trichlorobenzene	69	ug/kg	U	UJ	21
SIS7SS08	Hexachloroethane	71	ug/kg	U	UJ	22
SIS7SS08	N-Nitrosodiphenylamine	74	ug/kg	U	UJ	22
SIS7SS08	2-Methylnaphthalene	84	ug/kg	U	UJ	25
SIS7SS08	2,6-Dinitrotoluene	87	ug/kg	U	UJ	26
SIS7SS08	Acenaphthylene	87	ug/kg	U	UJ	26
SIS7SS08	Bis(2-chloroethoxy)methane	87	ug/kg	U	UJ	26
SIS7SS08	Benzo(k)fluoranthene	91	ug/kg	U	UJ	27
SIS7SS08	2,4-Dinitrophenol	920	ug/kg	U	UJ	270
SIS7SS08	2,4-Dinitrotoluene	99	ug/kg	U	UJ	30
SIS7SS08	Butylbenzyl phthalate	130	ug/kg	U	UJ	31
SIS7SS08	Dimethyl phthalate	130	ug/kg	U	UJ	34
SIS7SS08	2-Nitroaniline	130	ug/kg	U	UJ	34
SIS7SS08	Isophorone	130	ug/kg	U	UJ	35
SIS7SS08	3,3'-Dichlorobenzidine	1200	ug/kg	U	UJ	360
SIS7SS08	Benzoic acid	1300	ug/kg	U	UJ	380
SIS7SS08	N-Nitroso-di-n-propylamine	140	ug/kg	U	UJ	39
SIS7SS08	Hexachlorobutadiene	130	ug/kg	U	UJ	40
SIS7SS08	4-Chlorophenyl phenyl ether	140	ug/kg	U	UJ	40
SIS7SS08	4-Nitroaniline	140	ug/kg	U	UJ	40
SIS7SS08	3-Nitroaniline	140	ug/kg	U	UJ	42
SIS7SS08	4-Nitrophenol	1400	ug/kg	U	UJ	420
SIS7SS08	Dibenzofuran	170	ug/kg	U	UJ	48
SIS7SS08	Diethyl phthalate	170	ug/kg	U	UJ	49
SIS7SS08	Di-n-octyl phthalate	170	ug/kg	U	UJ	51
SIS7SS08	Nitrobenzene	180	ug/kg	U	UJ	52

SIS7SS08	4-Chloroaniline	290	ug/kg	U	UJ	84
SIS7SS08	Pentachlorophenol	650	ug/kg	U	UJ	91
SIS7SS08	2-Methyl-4,6-dinitrophenol	650	ug/kg	U	UJ	92
SIS7SS08	2,4,6-Trichlorophenol	340	ug/kg	U	UJ	99
SIS7SS08	Phenanthrene	25	ug/kg	J	J	14
SIS7SS08	Benzo(a)pyrene	25	ug/kg	J	J	25
SIS7SS08	Benzo(a)anthracene	27	ug/kg	J	J	12
SIS7SS08	Indeno(1,2,3-cd)pyrene	29	ug/kg	J	J	10
SIS7SS08	Benzo(g,h,i)perylene	33	ug/kg	J	J	32
SIS7SS08	Bis(2-ethylhexyl) phthalate	380	ug/kg	B	U	36
SIS7SS08	Chrysene	39	ug/kg	J	J	16
SIS7SS08	Pyrene	48	ug/kg	J	J	14
SIS7SS08	Benzo(b)fluoranthene	57	ug/kg	J	J	14
SIS7SS08	Di-n-butyl phthalate	58	ug/kg	J	J	52
SIS7SS08	Fluoranthene	61	ug/kg	J	J	27
SIS7SS09	Total Solids	70.4	%			1.0
SIS7SS09	2-Methyl-4,6-dinitrophenol	710	ug/kg	U	UJ	100
SIS7SS09	2,4,6-Trichlorophenol	370	ug/kg	U	UJ	110
SIS7SS09	2,4-Dimethylphenol	370	ug/kg	U	UJ	110
SIS7SS09	Benzyl alcohol	380	ug/kg	U	U	110
SIS7SS09	Naphthalene	42	ug/kg	U	U	13
SIS7SS09	4-Chloro-3-methylphenol	440	ug/kg	U	UJ	130
SIS7SS09	2,4-Dichlorophenol	450	ug/kg	U	UJ	130
SIS7SS09	1,2-Dichlorobenzene	45	ug/kg	U	U	14
SIS7SS09	Anthracene	47	ug/kg	U	U	14
SIS7SS09	4-Bromophenyl phenyl ether	48	ug/kg	U	U	14
SIS7SS09	2-Methylphenol	480	ug/kg	U	UJ	140
SIS7SS09	4-Methylphenol	500	ug/kg	U	UJ	150
SIS7SS09	2-Chlorophenol	500	ug/kg	U	UJ	150
SIS7SS09	2,4,5-Trichlorophenol	500	ug/kg	U	UJ	150
SIS7SS09	Fluorene	50	ug/kg	U	U	16
SIS7SS09	Carbazole	51	ug/kg	U	U	16
SIS7SS09	Dibenzo(a,h)anthracene	51	ug/kg	U	U	16
SIS7SS09	1,3-Dichlorobenzene	52	ug/kg	U	U	16
SIS7SS09	Bis(2-chloroisopropyl) ether	54	ug/kg	U	U	16
SIS7SS09	2-Nitrophenol	570	ug/kg	U	UJ	170
SIS7SS09	Phenol	580	ug/kg	U	UJ	170
SIS7SS09	1,4-Dichlorobenzene	59	ug/kg	U	U	18
SIS7SS09	2-Chloronaphthalene	64	ug/kg	U	U	18
SIS7SS09	Bis(2-chloroethyl) ether	65	ug/kg	U	U	20
SIS7SS09	Hexachlorobenzene	71	ug/kg	U	U	21
SIS7SS09	Acenaphthene	72	ug/kg	U	U	21
SIS7SS09	1,2,4-Trichlorobenzene	75	ug/kg	U	U	23
SIS7SS09	Hexachloroethane	78	ug/kg	U	U	24
SIS7SS09	N-Nitrosodiphenylamine	81	ug/kg	U	U	24
SIS7SS09	2-Methylnaphthalene	92	ug/kg	U	U	27
SIS7SS09	2,6-Dinitrotoluene	95	ug/kg	U	U	28
SIS7SS09	Acenaphthylene	95	ug/kg	U	U	28
SIS7SS09	Bis(2-chloroethoxy)methane	95	ug/kg	U	U	28
SIS7SS09	Benzo(k)fluoranthene	99	ug/kg	U	U	30
SIS7SS09	2,4-Dinitrophenol	1000	ug/kg	U	UJ	300
SIS7SS09	2,4-Dinitrotoluene	140	ug/kg	U	U	33

SIS7SS09	Butylbenzyl phthalate	140	ug/kg	U	U	34
SIS7SS09	Benzo(g,h,i)perylene	140	ug/kg	U	U	35
SIS7SS09	Dimethyl phthalate	140	ug/kg	U	U	37
SIS7SS09	2-Nitroaniline	140	ug/kg	U	U	37
SIS7SS09	Isophorone	140	ug/kg	U	U	38
SIS7SS09	3,3'-Dichlorobenzidine	1300	ug/kg	U	U	390
SIS7SS09	N-Nitroso-di-n-propylamine	160	ug/kg	U	U	42
SIS7SS09	Hexachlorobutadiene	140	ug/kg	U	U	44
SIS7SS09	4-Chlorophenyl phenyl ether	160	ug/kg	U	U	44
SIS7SS09	4-Nitroaniline	160	ug/kg	U	U	44
SIS7SS09	3-Nitroaniline	160	ug/kg	U	U	45
SIS7SS09	4-Nitrophenol	1600	ug/kg	U	UJ	460
SIS7SS09	Dibenzofuran	180	ug/kg	U	U	52
SIS7SS09	Diethyl phthalate	180	ug/kg	U	U	54
SIS7SS09	Di-n-octyl phthalate	180	ug/kg	U	U	55
SIS7SS09	Nitrobenzene	200	ug/kg	U	U	57
SIS7SS09	4-Chloroaniline	310	ug/kg	U	U	92
SIS7SS09	Pentachlorophenol	710	ug/kg	U	UJ	99
SIS7SS09	Bis(2-ethylhexyl) phthalate	160	ug/kg	B	U	40
SIS7SS09	Indeno(1,2,3-cd)pyrene	19	ug/kg	J	J	11
SIS7SS09	Benzo(a)pyrene	27	ug/kg	J	J	27
SIS7SS09	Chrysene	30	ug/kg	J	J	17
SIS7SS09	Benzo(a)anthracene	35	ug/kg	J	J	13
SIS7SS09	Phenanthrene	36	ug/kg	J	J	16
SIS7SS09	Benzo(b)fluoranthene	49	ug/kg	J	J	16
SIS7SS09	Pyrene	55	ug/kg	J	J	16
SIS7SS09	Di-n-butyl phthalate	60	ug/kg	J	J	57
SIS7SS09	Benzoic acid	620	ug/kg	J	J	410
SIS7SS09	Fluoranthene	64	ug/kg	J	J	30

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PROJECT	SAMPNUMB	LOCATNCODE	MATRIX	XLOCATION
NBAFS	LF003-MW1	SITE 5	GW	22.65
NBAFS	LF003-MW1 DUPE	SITE 5	GW	22.65
NBAFS	LF003-MW2	SITE 5	GW	71.0
NBAFS	RINSE BLANK-1	SITES 5,8,9,10,18	RB	NA
NBAFS	SIS08-MW1	SITE 8	GW	81.0
NBAFS	SIS18- MW5	SITE 18	GW	20.5
NBAFS	SIS18-MW1	SITE 18	GW	51.0
NBAFS	SIS18-MW2	SITE 18	GW	11.5
NBAFS	SIS18-MW3	SITE 18	GW	51.0
NBAFS	SIS18-MW4	SITE 18	GW	21.0
NBAFS	SS008-MW1	SITE 9	GW	6.0
NBAFS	SS008-MW2	SITE 9	GW	11.5
NBAFS	SS008-MW3	SITE 9	GW	26.4
NBAFS	SS008-MW4	SITE 9	GW	82.0
NBAFS	SS009-MW1	SITE 10	GW	5.0
NBAFS	SS009-MW2	SITE 10	GW	5.9
NBAFS	SS009-MW3	SITE 10	GW	56.5
NBAFS	TRIP BLANK 051010	SITES 5,8,9,10,18	TB	NA
NBAFS	FIELD BLANK #2	SITE 7 & 18	RB	NA
NBAFS	SIS18SB14	SITE 18	SB	1.5
NBAFS	SIS18SB15	SITE 18	SB	1.5
NBAFS	SIS18SB16	SITE 18	SB	1.5
NBAFS	SIS18SB17	SITE 18	SB	1.5
NBAFS	SIS18SB18	SITE 18	SB	1.5
NBAFS	SIS18SB19	SITE 18	SB	1.5
NBAFS	SIS18SB20	SITE 18	SB	1.5
NBAFS	SIS18SB21	SITE 18	SB	1.5
NBAFS	SIS18SB22	SITE 18	SB	1.5
NBAFS	SIS18SB23	SITE 18	SB	1.5
NBAFS	SIS18SB28	SITE 18	SB	1.5
NBAFS	SIS18SB29	SITE 18	SB	1.5
NBAFS	SIS18SB30	SITE 18	SB	1.5
NBAFS	SIS18SB31	SITE 18	SB	1.5
NBAFS	SIS18SB32	SITE 18	SB	1.5
NBAFS	SIS18SD11	SITE 18	SD	0.0
NBAFS	SIS18SD11 DUPE	SITE 18	SD	0.0
NBAFS	SIS18SD12	SITE 18	SD	0.0
NBAFS	SIS18SD13	SITE 18	SD	0.0
NBAFS	SIS18SD14	SITE 18	SD	0.0
NBAFS	SIS18SD15	SITE 18	SD	0.0
NBAFS	SIS18SS09	SITE 18	SS	0.0
NBAFS	SIS18SS10	SITE 18	SS	0.0
NBAFS	SIS18SS11	SITE 18	SS	0.0
NBAFS	SIS18SS12	SITE 18	SS	0.0
NBAFS	SIS18SS14	SITE 18	SS	0.0
NBAFS	SIS18SS15	SITE 18	SS	0.0
NBAFS	SIS18SS16	SITE 18	SS	0.0
NBAFS	SIS18SS17	SITE 18	SS	0.0
NBAFS	SIS18SS18	SITE 18	SS	0.0
NBAFS	SIS18SS19	SITE 18	SS	0.0
NBAFS	SIS18SS20	SITE 18	SS	0.0

NBAFS	SIS18SS21	SITE 18	SS	0.0
NBAFS	SIS18SS22	SITE 18	SS	0.0
NBAFS	SIS18SS23	SITE 18	SS	0.0
NBAFS	SIS18SS24	SITE 18	SS	0.0
NBAFS	SIS18SS25	SITE 18	SS	0.0
NBAFS	SIS18SS25 DUPE	SITE 18	SS	0.0
NBAFS	SIS18SS26	SITE 18	SS	0.0
NBAFS	SIS18SS27	SITE 18	SS	0.0
NBAFS	SIS18SS29	SITE 18	SS	0.0
NBAFS	SIS18SS30	SITE 18	SS	0.0
NBAFS	SIS18SS31	SITE 18	SS	0.0
NBAFS	SIS18SS32	SITE 18	SS	0.0
NBAFS	SIS18SS32 DUPE	SITE 18	SS	0.0
NBAFS	SIS7SB04	SITE 7	SB	1.5
NBAFS	SIS7SB04 DUPE	SITE 7	SB	1.5
NBAFS	SIS7SB05	SITE 7	SB	1.5
NBAFS	SIS7SB06	SITE 7	SB	1.5
NBAFS	SIS7SB07	SITE 7	SB	1.5
NBAFS	SIS7SB08	SITE 7	SB	1.5
NBAFS	SIS7SB09	SITE 7	SB	1.5
NBAFS	SIS7SS04	SITE 7	SS	0.0
NBAFS	SIS7SS05	SITE 7	SS	0.0
NBAFS	SIS7SS06	SITE 7	SS	0.0
NBAFS	SIS7SS07	SITE 7	SS	0.0
NBAFS	SIS7SS08	SITE 7	SS	0.0
NBAFS	SIS7SS09	SITE 7	SS	0.0

YLOCATION	Z1	Z2
37.65	22.65	37.65
37.65	22.65	37.65
81.0	71.0	81.0
NA	NA	NA
101	81.0	101
30.5	20.5	30.5
61.0	51.0	61.0
21.5	11.5	21.5
71.0	51.0	71.0
31.0	21.0	31.0
26.0	6.0	26.0
26.5	11.5	26.5
41.4	26.4	41.4
102	82.0	102
15.0	5.0	15.0
20.9	5.9	20.9
76.5	56.5	76.5
NA	NA	NA
NA	NA	NA
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5

0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
2.0	1.5	2.0
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5
0.5	0.0	0.5

Site	Location	FieldID	Depth_Top	Depth_Bottom	Lab_Name	SDG
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958

NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	CT Labs	78958
NBAFS	SITE 10	SS009-MW2	5.9	20.9	Accutest	78958

Field_Id	Matrix	Lab_Id	Prep_Method_No	Anal_Method_No	Sample_Date	Receipt_Date
SS009-MW2	GW	797343	8011	8011	05/11/10	05/13/10
SS009-MW2	GW	797343	8011	8011	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B

SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B	05/11/10	05/13/10
SS009-MW2	GW	797343	5030B	8260B SIM	05/11/10	05/13/10

Prep_Date	Analysis_Date	CAS	Analyte	Result	Lab_Qualifier
05/21/10	05/21/10	96-12-8	1,2-Dibromo-3-chloropropane	0.090	U
05/21/10	05/21/10	106-93-4	1,2-Dibromoethane	0.090	U
05/19/10	05/19/10	630-20-6	1,1,1,2-Tetrachloroethane	0.40	U
05/19/10	05/19/10	71-55-6	1,1,1-Trichloroethane	0.40	U
05/19/10	05/19/10	79-34-5	1,1,2,2-Tetrachloroethane	0.40	U
05/19/10	05/19/10	79-00-5	1,1,2-Trichloroethane	0.40	U
05/19/10	05/19/10	75-34-3	1,1-Dichloroethane	0.40	U
05/19/10	05/19/10	75-35-4	1,1-Dichloroethene	0.40	U
05/19/10	05/19/10	563-58-6	1,1-Dichloropropene	0.40	U
05/19/10	05/19/10	87-61-6	1,2,3-Trichlorobenzene	0.40	U
05/19/10	05/19/10	96-18-4	1,2,3-Trichloropropane	0.40	U
05/19/10	05/19/10	120-82-1	1,2,4-Trichlorobenzene	0.40	U
05/19/10	05/19/10	95-63-6	1,2,4-Trimethylbenzene	0.055	J
05/19/10	05/19/10	95-50-1	1,2-Dichlorobenzene	0.40	U
05/19/10	05/19/10	107-06-2	1,2-Dichloroethane	0.40	U
05/19/10	05/19/10	78-87-5	1,2-Dichloropropane	0.40	U
05/15/10	05/15/10	108-70-3	1,3,5-Trichlorobenzene	1.0	U
05/19/10	05/19/10	108-67-8	1,3,5-Trimethylbenzene	0.40	U
05/19/10	05/19/10	541-73-1	1,3-Dichlorobenzene	0.40	U
05/19/10	05/19/10	142-28-9	1,3-Dichloropropane	0.40	U
05/19/10	05/19/10	106-46-7	1,4-Dichlorobenzene	0.40	U
05/19/10	05/19/10	544-10-5	1-Chlorohexane	0.40	U
05/19/10	05/19/10	594-20-7	2,2-Dichloropropane	0.40	U
05/19/10	05/19/10	78-93-3	2-Butanone	2.0	U
05/19/10	05/19/10	95-49-8	2-Chlorotoluene	0.40	U
05/19/10	05/19/10	591-78-6	2-Hexanone	4.0	U
05/19/10	05/19/10	106-43-4	4-Chlorotoluene	0.40	U
05/19/10	05/19/10	108-10-1	4-Methyl-2-pentanone	4.0	U
05/19/10	05/19/10	67-64-1	Acetone	4.0	U
05/19/10	05/19/10	71-43-2	Benzene	0.40	U
05/19/10	05/19/10	108-86-1	Bromobenzene	0.40	U
05/19/10	05/19/10	74-97-5	Bromochloromethane	0.40	U
05/19/10	05/19/10	75-27-4	Bromodichloromethane	0.40	U
05/19/10	05/19/10	75-25-2	Bromoform	0.40	U
05/19/10	05/19/10	74-83-9	Bromomethane	0.40	U
05/19/10	05/19/10	75-15-0	Carbon disulfide	0.80	U
05/19/10	05/19/10	56-23-5	Carbon tetrachloride	0.40	U
05/19/10	05/19/10	108-90-7	Chlorobenzene	0.40	U
05/19/10	05/19/10	75-00-3	Chloroethane	0.40	U
05/19/10	05/19/10	67-66-3	Chloroform	0.043	J
05/19/10	05/19/10	74-87-3	Chloromethane	0.068	J
05/19/10	05/19/10	156-59-2	cis-1,2-Dichloroethene	0.40	U
05/19/10	05/19/10	10061-01-5	cis-1,3-Dichloropropene	0.40	U
05/19/10	05/19/10	124-48-1	Dibromochloromethane	0.40	U
05/19/10	05/19/10	74-95-3	Dibromomethane	0.40	U
05/19/10	05/19/10	75-71-8	Dichlorodifluoromethane	0.20	U
05/19/10	05/19/10	108-20-3	Diisopropyl ether	0.40	U
05/15/10	05/15/10	60-29-7	Ethyl ether	1.0	U
05/19/10	05/19/10	100-41-4	Ethylbenzene	0.047	J
05/19/10	05/19/10	87-68-3	Hexachlorobutadiene	0.40	U
05/19/10	05/19/10	98-82-8	Isopropylbenzene	0.40	U

05/19/10	05/19/10	1330-20-7	m,p-Xylenes	0.14	J
05/19/10	05/19/10	1634-04-4	Methyl tert-butyl ether	0.40	U
05/19/10	05/19/10	75-09-2	Methylene chloride	0.40	U
05/19/10	05/19/10	91-20-3	Naphthalene	0.40	U
05/19/10	05/19/10	104-51-8	n-Butylbenzene	0.40	U
05/19/10	05/19/10	103-65-1	n-Propylbenzene	0.40	U
05/19/10	05/19/10	95-47-6	o-Xylene	0.064	J
05/19/10	05/19/10	99-87-6	p-Isopropyltoluene	0.40	U
05/19/10	05/19/10	135-98-8	sec-Butylbenzene	0.40	U
05/19/10	05/19/10	100-42-5	Styrene	0.40	U
05/15/10	05/15/10	994-05-08	Tert-amyl methyl ether	1.0	U
05/15/10	05/15/10	75-65-0	Tert-Butyl Alcohol	20	U
05/15/10	05/15/10	637-92-3	Tert-butyl ethyl ether	1.0	U
05/19/10	05/19/10	98-06-6	tert-Butylbenzene	0.40	U
05/19/10	05/19/10	127-18-4	Tetrachloroethene	0.40	U
05/19/10	05/19/10	109-99-9	Tetrahydrofuran	4.0	U
05/19/10	05/19/10	108-88-3	Toluene	0.20	J
05/19/10	05/19/10	156-60-5	trans-1,2-Dichloroethene	0.40	U
05/19/10	05/19/10	10061-02-6	trans-1,3-Dichloropropene	0.40	U
05/19/10	05/19/10	79-01-6	Trichloroethene	0.40	U
05/19/10	05/19/10	75-69-4	Trichlorofluoromethane	0.20	U
05/19/10	05/19/10	75-01-4	Vinyl chloride	0.20	U
05/20/10	05/20/10	123-91-1	1,4-Dioxane	1.0	U

Val_Qualifiers	Combined_Qualifier	Units	Dilution	MDL	MRL	Res_Code	Surrog_Flg	PF_Code	Basis
	U	ug/L	1	0.030	0.090	PP01	F	T	W
	U	ug/L	1	0.030	0.090	PP01	F	T	W
	U	ug/L	1	0.011	0.40	PP01	F	T	W
	U	ug/L	1	0.0090	0.40	PP01	F	T	W
	U	ug/L	1	0.017	0.40	PP01	F	T	W
	U	ug/L	1	0.015	0.40	PP01	F	T	W
	U	ug/L	1	0.021	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.012	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.027	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
J	J	ug/L	1	0.029	0.40	PP01	F	T	W
	U	ug/L	1	0.025	0.40	PP01	F	T	W
	U	ug/L	1	0.015	0.40	PP01	F	T	W
	U	ug/L	1	0.012	0.40	PP01	F	T	W
	U	ug/L	1	0.30	1.0	PP01	F	T	W
	U	ug/L	1	0.024	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.020	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.019	0.40	PP01	F	T	W
	U	ug/L	1	0.50	2.0	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.12	4.0	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.18	4.0	PP01	F	T	W
	U	ug/L	1	1.0	4.0	PP01	F	T	W
	U	ug/L	1	0.0080	0.40	PP01	F	T	W
	U	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.016	0.40	PP01	F	T	W
	U	ug/L	1	0.019	0.40	PP01	F	T	W
	U	ug/L	1	0.038	0.40	PP01	F	T	W
	U	ug/L	1	0.070	0.80	PP01	F	T	W
	U	ug/L	1	0.018	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.070	0.40	PP01	F	T	W
J	J	ug/L	1	0.010	0.40	PP01	F	T	W
U	U	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.022	0.40	PP01	F	T	W
	U	ug/L	1	0.012	0.40	PP01	F	T	W
	U	ug/L	1	0.018	0.40	PP01	F	T	W
	U	ug/L	1	0.010	0.40	PP01	F	T	W
	U	ug/L	1	0.013	0.20	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.22	1.0	PP01	F	T	W
J	J	ug/L	1	0.027	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
	U	ug/L	1	0.026	0.40	PP01	F	T	W

J	J	ug/L	1	0.060	0.80	PP01	F	T	W
	U	ug/L	1	0.025	0.40	PP01	F	T	W
UJ	UJ	ug/L	1	0.20	0.40	PP01	F	T	W
	U	ug/L	1	0.040	0.40	PP01	F	T	W
	U	ug/L	1	0.027	0.40	PP01	F	T	W
	U	ug/L	1	0.030	0.40	PP01	F	T	W
J	J	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.025	0.40	PP01	F	T	W
	U	ug/L	1	0.024	0.40	PP01	F	T	W
	U	ug/L	1	0.024	0.40	PP01	F	T	W
	U	ug/L	1	0.14	1.0	PP01	F	T	W
R	R	ug/L	1	7.0	20	PP01	F	T	W
	U	ug/L	1	0.11	1.0	PP01	F	T	W
	U	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.010	0.40	PP01	F	T	W
R	R	ug/L	1	0.30	4.0	PP01	F	T	W
U	U	ug/L	1	0.011	0.40	PP01	F	T	W
	U	ug/L	1	0.026	0.40	PP01	F	T	W
	U	ug/L	1	0.014	0.40	PP01	F	T	W
	U	ug/L	1	0.020	0.40	PP01	F	T	W
	U	ug/L	1	0.022	0.20	PP01	F	T	W
	U	ug/L	1	0.019	0.20	PP01	F	T	W
	U	ug/L	1	1.0	NA	PP01	F	T	W

Solids
0.0
0.0
0.0

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0.0

Site	Location	FieldID	Depth_Top	Depth_Bottom
NBAFS	Site 7 & 18	IDW DRUM	NA	NA

Lab_Name	SDG	Field_Id	Matrix	Lab_Id	Prep_Method_No
CT Labs	79122	IDW DRUM	AQ	801743	9040C
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/5030B
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	1311/3010A
CT Labs	79122	IDW DRUM	AQ	801743	376.1
CT Labs	79122	IDW DRUM	AQ	801743	9012
CT Labs	79122	IDW DRUM	AQ	801743	1311/7470A
CT Labs	79122	IDW DRUM	AQ	801743	1010
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	IDW DRUM	AQ	801743	1311/3510C
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B
CT Labs	79122	TRIP BLANKS	TB	801742	5030B

Anal_Method_No	Sample_Date	Receipt_Date	Prep_Date
9040C	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
8260B	05/21/10	05/25/10	05/27/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
6010C	05/21/10	05/25/10	06/02/10
376.1	05/21/10	05/25/10	05/26/10
9012	05/21/10	05/25/10	06/03/10
7470A	05/21/10	05/25/10	06/02/10
1010	05/21/10	05/25/10	05/27/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8270C	05/21/10	05/25/10	05/25/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10
8260B	05/21/10	05/25/10	05/26/10

Analysis_Date	CAS	Analyte	Result	Lab_Qualifier
05/27/10	PH	pH	6.63	
05/27/10	71-43-2	Benzene	1.0	U
05/27/10	79-01-6	Trichloroethene	1.0	U
05/27/10	75-01-4	Vinyl chloride	1.0	U
05/27/10	56-23-5	Carbon tetrachloride	1.0	U
05/27/10	75-35-4	1,1-Dichloroethene	1.0	U
05/27/10	108-90-7	Chlorobenzene	1.0	U
05/27/10	107-06-2	1,2-Dichloroethane	1.0	U
05/27/10	127-18-4	Tetrachloroethene	1.0	U
05/27/10	78-93-3	2-Butanone	10	U
05/27/10	67-66-3	Chloroform	0.35	J
06/03/10	7440-22-4	Silver	0.70	U
06/03/10	7440-43-9	Cadmium	0.65	
06/03/10	7439-92-1	Lead	1.5	U
06/03/10	7440-47-3	Chromium	0.92	J
06/03/10	7782-49-2	Selenium	2.3	U
06/03/10	7440-38-2	Arsenic	7.4	J
06/05/10	7440-39-3	Barium	27.2	
05/26/10	18496-25-8	Sulfide	1.0	U
06/07/10	57-12-5	Cyanide	6.0	U
06/03/10	7439-97-6	Mercury	0.040	U
05/27/10	FLASHPT	Flashpoint	>140	
06/01/10	67-72-1	Hexachloroethane	1.0	U
06/01/10	106-46-7	1,4-Dichlorobenzene	1.0	U
06/01/10	98-95-3	Nitrobenzene	1.0	U
06/01/10	121-14-2	2,4-Dinitrotoluene	1.0	U
06/01/10	118-74-1	Hexachlorobenzene	1.0	U
06/01/10	87-68-3	Hexachlorobutadiene	1.0	U
06/01/10	1319-77-3	4-Methylphenol	2.3	U
06/01/10	95-95-4	2,4,5-Trichlorophenol	2.7	U
06/01/10	88-06-2	2,4,6-Trichlorophenol	2.9	U
06/01/10	95-48-7	2-Methylphenol	2.9	U
06/01/10	87-86-5	Pentachlorophenol	5.1	U
06/01/10	110-86-1	Pyridine	6.0	U
05/26/10	67-66-3	Chloroform	1.0	U
05/26/10	71-43-2	Benzene	1.0	U
05/26/10	79-01-6	Trichloroethene	1.0	U
05/26/10	75-01-4	Vinyl chloride	1.0	U
05/26/10	56-23-5	Carbon tetrachloride	1.0	U
05/26/10	75-35-4	1,1-Dichloroethene	1.0	U
05/26/10	108-90-7	Chlorobenzene	1.0	U
05/26/10	107-06-2	1,2-Dichloroethane	1.0	U
05/26/10	127-18-4	Tetrachloroethene	1.0	U
05/26/10	78-93-3	2-Butanone	10	U

Spacer	Combined_Qualifier	Units	Dilution	MDL	MRL
		S.U.	1	1.0	NA
	U	ug/L	1	0.19	1.0
	U	ug/L	1	0.21	1.0
	U	ug/L	1	0.22	1.0
	U	ug/L	1	0.23	1.0
	U	ug/L	1	0.24	1.0
	U	ug/L	1	0.24	1.0
	U	ug/L	1	0.30	1.0
	U	ug/L	1	0.30	1.0
	U	ug/L	1	2.4	10
	J	ug/L	1	0.15	1.0
	U	ug/L	1	0.70	2.0
		ug/L	1	0.11	0.40
	U	ug/L	1	1.5	4.9
	J	ug/L	1	0.70	2.0
	U	ug/L	1	2.3	14
	J	ug/L	1	4.0	13
		ug/L	1	0.26	1.8
	U	mg/L	1	1.0	1.0
	U	ug/L	1	6.0	20
	U	ug/L	1	0.040	0.14
		Deg.	1	NA	NA
	U	ug/L	1	0.071	1.0
	U	ug/L	1	0.082	1.0
	U	ug/L	1	0.15	1.0
	U	ug/L	1	0.19	1.0
	U	ug/L	1	0.22	1.0
	U	ug/L	1	0.31	1.0
	U	ug/L	1	0.68	2.3
	U	ug/L	1	0.81	2.7
	U	ug/L	1	0.88	2.9
	U	ug/L	1	0.89	2.9
	U	ug/L	1	0.91	5.1
	U	ug/L	1	1.8	6.0
	U	ug/L	1	0.15	1.0
	U	ug/L	1	0.19	1.0
	U	ug/L	1	0.21	1.0
	U	ug/L	1	0.22	1.0
	U	ug/L	1	0.23	1.0
	U	ug/L	1	0.24	1.0
	U	ug/L	1	0.24	1.0
	U	ug/L	1	0.30	1.0
	U	ug/L	1	0.30	1.0
	U	ug/L	1	2.4	10

Res_Code	Surrog_Flg	PF_Code	Basis	Solids
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP02	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
PP01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0
BT01	F	T	W	0.0

09/13/19	Sample ID	Matrix	Top Depth	Bottom Depth	Date Collected	SDG
Analytical Program for Site 5						
	LF003-MW1	GW	22.65	37.65	05/10/10	78958
	LF003-MW2	GW	71.0	81.0	05/10/10	78958
Field Duplicate	LF003-MW1 DUPE	GW	22.65	37.65	05/10/10	78958
	Rinse Blank-1	GW	NA	NA	05/12/10	78958
	Trip Blank	GW	NA	NA	05/10/10	78958
Analytical Program for Site 7						
	SIS7SS04	SS	0.0	0.5	05/20/10	79122
	SIS7SS05	SS	0.0	0.5	05/20/10	79122
	SIS7SS06	SS	0.0	0.5	05/20/10	79122
	SIS7SS07	SS	0.0	0.5	05/20/10	79122
	SIS7SS08	SS	0.0	0.5	05/20/10	79122
	SIS7SS09	SS	0.0	0.5	05/20/10	79122
	SIS7SB04	SB	1.5	2.0	05/20/10	79122
	SIS7SB05	SB	1.5	2.0	05/20/10	79122
	SIS7SB06	SB	1.5	2.0	05/20/10	79122
	SIS7SB07	SB	1.5	2.0	05/20/10	79122
	SIS7SB08	SB	1.5	2.0	05/20/10	79122
	SIS7SB09	SB	1.5	2.0	05/20/10	79122
Field Duplicate	SIS7SB04 DUPE	SB	1.5	2.0	05/20/10	79122
Analytical Program for Site 8						
	SIS8-MW1	GW	81.0	101	05/12/10	78958
Analytical Program for Site 9						
	SS008-MW1	GW	6.0	26.0	05/11/10	78958
	SS008-MW2	GW	11.5	26.5	05/11/10	78958
	SS008-MW3	GW	26.4	41.4	05/11/10	78958
	SS008-MW4	GW	82.0	102	05/11/10	78958
Analytical Program for Site 10						
	SS009-MW1	GW	5.0	15.0	05/11/10	78958
	SS009-MW2	GW	5.9	20.9	05/11/10	78958
	SS009-MW3	GW	56.5	76.5	05/11/10	78958
Analytical Program for Site 18						
	SIS18SD11	SD	0.0	0.5	05/20/10	79122
	SIS18SD12	SD	0.0	0.5	05/20/10	79122
	SIS18SD13	SD	0.0	0.5	05/20/10	79122
	SIS18SD14	SD	0.0	0.5	05/20/10	79122
	SIS18SD15	SD	0.0	0.5	05/20/10	79122
Field Duplicate	SIS18SD11 DUPE	SD	0.0	0.5	05/20/10	79122
	SIS18SS9	SS	0.0	0.5	05/20/10	79122
	SIS18SS10	SS	0.0	0.5	05/20/10	79122

	SIS18SS11	SS	0.0	0.5	05/20/10	79122
	SIS18SS12	SS	0.0	0.5	05/20/10	79122
	SIS18SS14	SS	0.0	0.5	05/20/10	79122
	SIS18SB14	SB	1.5	2.0	05/20/10	79122
	SIS18SS15	SS	0.0	0.5	05/20/10	79122
	SIS18SB15	SB	1.5	2.0	05/20/10	79122
	SIS18SS16	SS	0.0	0.5	05/20/10	79122
	SIS18SB16	SB	1.5	2.0	05/20/10	79122
	SIS18SS17	SS	0.0	0.5	05/20/10	79122
	SIS18SB17	SB	1.5	2.0	05/20/10	79122
	SIS18SS18	SS	0.0	0.5	05/20/10	79122
	SIS18SB18	SB	1.5	2.0	05/20/10	79122
	SIS18SS19	SS	0.0	0.5	05/20/10	79122
	SIS18SB19	SB	1.5	2.0	05/20/10	79122
	SIS18SS20	SS	0.0	0.5	05/20/10	79122
	SIS18SB20	SB	1.5	2.0	05/20/10	79122
	SIS18SS21	SS	0.0	0.5	05/20/10	79122
	SIS18SB21	SB	1.5	2.0	05/20/10	79122
	SIS18SS22	SS	0.0	0.5	05/20/10	79122
	SIS18SB22	SB	1.5	2.0	05/20/10	79122
	SIS18SS23	SS	0.0	0.5	05/20/10	79122
	SIS18SB23	SB	1.5	2.0	05/20/10	79122
	SIS18SS24	SS	0.0	0.5	05/20/10	79122
	SIS18SS25	SS	0.0	0.5	05/20/10	79122
	SIS18SS26	SS	0.0	0.5	05/20/10	79122
	SIS18SS27	SS	0.0	0.5	05/20/10	79122
	SIS18SB28	SB	1.5	2.0	05/20/10	79122
	SIS18SS29	SS	0.0	0.5	05/20/10	79122
	SIS18SB29	SB	1.5	2.0	05/20/10	79122
	SIS18SS30	SS	0.0	0.5	05/20/10	79122
	SIS18SB30	SB	1.5	2.0	05/20/10	79122
	SIS18SS31	SS	0.0	0.5	05/20/10	79122
	SIS18SB31	SB	1.5	2.0	05/20/10	79122
	SIS18SS32	SS	0.0	0.5	05/20/10	79122
	SIS18SB32	SB	1.5	2.0	05/20/10	79122
Field Duplicate	SIS18SS32 DUPE	SO	NA	NA	05/20/10	79122
Field Duplicate	SIS18SS25 DUPE	SO	NA	NA	05/20/10	79122
	Trip Blank	QC	NA	NA	05/21/10	79122
	Field Blank-2	SO/SD	NA	NA	05/21/10	79122
	SIS18-MW1	GW	51.0	61.0	05/10/10	78958
	SIS18-MW2	GW	11.5	21.5	05/12/10	78958
	SIS18-MW3	GW	51.0	71.0	05/10/10	78958
	SIS18-MW4	GW	21.0	31.0	05/10/10	78958
	SIS18-MW5	GW	20.5	30.5	05/10/10	78958

Analytical Program for Site Wide Investigative-Derived Waste						
	IDW DRUM	AQ	NA	NA	05/21/10	79122

Status Key:	
P =	Proposed Sample to be Collected
L =	Lab Sample Analyses in Process
F =	Form 1 Received
R =	Data Package Received
V =	Validation in Process
C =	Validation Completed
EC =	ERPIMS Completed
A =	Added to Original Scope
NA =	Not Applicable
TBD=	To Be Determined

TAT =	14/30

[1]The NHDES TCL VOCs

[2]The waste characterizatic

NA = Not Applicable.

Hg = Mercury

Cu = Copper

TOC = Total Organic Car

Lab ID	Fax Due Date	Data Pkg. Due Date	Fax Date Received	Data Pkg. Date Rec.	TCL SVOC	Stat.	NHDES VOC[1]	Stat.	TCL PCBs	Stat.
797348	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797345	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797349	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797335	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797352	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
801631	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801625	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801623	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801621	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801627	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801629	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801632	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801626	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801624	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801622	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801628	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801630	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801633	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
797337	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797341	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797339	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797340	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797338	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797342	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797343	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797344	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
801738	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801737	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801735	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801740	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801741	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801739	06/08/10	06/24/10	06/15/10	06/21/10					1	C
801806	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801733	06/08/10	06/24/10	06/15/10	06/21/10	1	C				

801732	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801724	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801667	06/08/10	06/24/10	06/15/10	06/21/10						
801668	06/08/10	06/24/10	06/15/10	06/21/10						
801656	06/08/10	06/24/10	06/15/10	06/21/10						
801666	06/08/10	06/24/10	06/15/10	06/21/10						
801671	06/08/10	06/24/10	06/15/10	06/21/10						
801672	06/08/10	06/24/10	06/15/10	06/21/10						
801669	06/08/10	06/24/10	06/15/10	06/21/10						
801670	06/08/10	06/24/10	06/15/10	06/21/10						
801673	06/08/10	06/24/10	06/15/10	06/21/10						
801674	06/08/10	06/24/10	06/15/10	06/21/10						
801675	06/08/10	06/24/10	06/15/10	06/21/10						
801676	06/08/10	06/24/10	06/15/10	06/21/10						
801677	06/08/10	06/24/10	06/15/10	06/21/10						
801678	06/08/10	06/24/10	06/15/10	06/21/10						
801681	06/08/10	06/24/10	06/15/10	06/21/10						
801682	06/08/10	06/24/10	06/15/10	06/21/10						
801679	06/08/10	06/24/10	06/15/10	06/21/10						
801680	06/08/10	06/24/10	06/15/10	06/21/10						
801683	06/08/10	06/24/10	06/15/10	06/21/10						
801684	06/08/10	06/24/10	06/15/10	06/21/10						
801685	06/08/10	06/24/10	06/15/10	06/21/10						
801709	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801711	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801712	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801713	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801715	06/08/10	06/24/10	06/15/10	06/21/10						
801785	06/08/10	06/24/10	06/15/10	06/21/10						
801716	06/08/10	06/24/10	06/15/10	06/21/10						
801717	06/08/10	06/24/10	06/15/10	06/21/10						
801718	06/08/10	06/24/10	06/15/10	06/21/10						
801719	06/08/10	06/24/10	06/15/10	06/21/10						
801720	06/08/10	06/24/10	06/15/10	06/21/10						
801721	06/08/10	06/24/10	06/15/10	06/21/10						
801722	06/08/10	06/24/10	06/15/10	06/21/10						
801710	06/08/10	06/24/10	06/15/10	06/21/10	1	C				
801742	06/08/10	06/24/10	06/15/10	06/21/10			1	C		
801746	06/08/10	06/24/10	06/15/10	06/21/10	1	C			1	C
797346	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797336	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797350	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797347	05/27/10	06/14/10	06/01/10	06/11/10			1	C		
797351	05/27/10	06/14/10	06/01/10	06/11/10			1	C		

801743	06/08/10	06/24/10	06/15/10	06/21/10						
				TOTALS	23		19		7	

Days

; includes methods 8260B, 8260B SIM for 1,4-dioxane, and 8011 for EDB and DBCP.

on parameters include TCLP VOCs, TCLP SVOCs, TCLP Metals, Flashpoint, Cyanide, Sulfide, and C

·bon

Mercury	Stat.	Copper	Stat.	Al, Fe, Mn, Ca, Mg	Stat.	TOC	Stat.	Waste Char.[2]	Stat.	Total
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
										1
1	C			1	C	1	C			4
1	C			1	C	1	C			4
1	C			1	C	1	C			4
1	C			1	C	1	C			4
1	C			1	C	1	C			4
1	C			1	C	1	C			4
										1
										1

										1
										1
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					3
		1	C	1	C					3
		1	C	1	C					3
		1	C	1	C					3
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					2
		1	C	1	C					3
										1
1	C	1	C	1	C					5
										1
										1
										1
										1
										1

								1	C	1
7		36		42		6		1		141

Corrosivity as pH.