ANALYTICAL REPORT

SUB SLAB INVESTIGATION

Lot #: A0B190431

Sue Scrocchi

Conestoga-Rovers & Associates,
2055 Niagara Falls Blvd.
Suite Three
Niagara Falls, NY 14304

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

February 24, 2010

EXECUTIVE SUMMARY - Detection Highlights

A0B190431

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SS-52 0-0.5 02/17/10 07:50 001				
Aroclor 1248	200	35	ug/kg	SW846 8082
Percent Solids	93.5	10.0	%	MCAWW 160.3 MOD
SS-52 10-10.5 02/17/10 07:58 002				
Aroclor 1248	68000	7600	ug/kg	SW846 8082
Aroclor 1260	8100	7600	ug/kg	SW846 8082
Percent Solids	86.8	10.0	%	MCAWW 160.3 MOD
SS-52 11-11.5 02/17/10 07:58 003				
Percent Solids	90.2	10.0	%	MCAWW 160.3 MOD
SS-55 0-0.5 02/17/10 08:27 004				
Aroclor 1248	410	180	ug/kg	SW846 8082
bis(2-Ethylhexyl) phthalate	120	55	ug/kg	SW846 8270C
Percent Solids	90.1	10.0	%	MCAWW 160.3 MOD
SS-55 5.5-6 02/17/10 08:38 005				
bis(2-Ethylhexyl) phthalate	32 J	54	ug/kg	SW846 8270C
Percent Solids	92.3	10.0	%	MCAWW 160.3 MOD
SS-55 6.5-7 02/17/10 08:39 006				
Percent Solids	92.4	10.0	%	MCAWW 160.3 MOD
SS-51 0-0.5 02/17/10 09:08 007				
Aroclor 1248	180	36	ug/kg	SW846 8082
bis(2-Ethylhexyl) phthalate	34 J	55	ug/kg	SW846 8270C
Percent Solids	91.2	10.0	%	MCAWW 160.3 MOD
SS-51 3-3.5 02/17/10 09:10 008				
Aroclor 1248	3200	680	ug/kg	SW846 8082
bis(2-Ethylhexyl) phthalate	53	52	ug/kg	SW846 8270C
Percent Solids	97.0	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0B190431

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SS-51 4-4.5 02/17/10 09:17 009				
bis(2-Ethylhexyl) phthalate	92	55	ug/kg	SW846 8270C
Percent Solids	91.2	10.0	%	MCAWW 160.3 MOD
SS-50A 0-0.5 02/17/10 10:58 010				
Aroclor 1242	1400	360	ug/kg	SW846 8082
Percent Solids	91.1	10.0	%	MCAWW 160.3 MOD
SS-50A 7.5-8 02/17/10 11:02 011				
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
SS-50A 8.5-9 02/17/10 11:08 012				
Percent Solids	93.1	10.0	%	MCAWW 160.3 MOD
SS-54 0-0.5 02/17/10 13:17 013				
Aroclor 1248	6300	680	ug/kg	SW846 8082
Percent Solids	96.7	10.0	%	MCAWW 160.3 MOD
SS-54 11.5-12 02/17/10 13:21 014				
Aroclor 1242	23 J	42	ug/kg	SW846 8082
Percent Solids	77.8	10.0	%	MCAWW 160.3 MOD
SS-54 13-13.5 02/17/10 13:28 015				
Aroclor 1248	460	180	ug/kg	SW846 8082
Percent Solids	89.4	10.0	%	MCAWW 160.3 MOD
SS-54 14-14.5 02/17/10 13:29 016				
Percent Solids	90.7	10.0	%	MCAWW 160.3 MOD
SS-46A 0-0.5 02/17/10 14:08 017				
Aroclor 1248	29000000	1800000	ug/kg	SW846 8082
Aroclor 1260	1100000 J	1800000	ug/kg	SW846 8082
Percent Solids	90.4	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0B190431

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SS-46A 6.5-7 02/17/10 14:14 018				
Aroclor 1248	2700	1800	ug/kg	SW846 8082
Percent Solids	93.3	10.0	%	MCAWW 160.3 MOD
SS-46A 9.5-10 02/17/10 14:23 019				
Aroclor 1248	2700	360	ug/kg	SW846 8082
Percent Solids	91.7	10.0	%	MCAWW 160.3 MOD
SS-46A 10.5-11 02/17/10 14:24 020				
Aroclor 1248	580	180	ug/kg	SW846 8082
Percent Solids	91.8	10.0	%	MCAWW 160.3 MOD
SS-44B 2-2.5 02/17/10 14:59 021				
Aroclor 1248	2200	340	ug/kg	SW846 8082
Percent Solids	98.3	10.0	%	MCAWW 160.3 MOD
SS-44B 6-6.5 02/17/10 15:02 022				
Percent Solids	84.7	10.0	%	MCAWW 160.3 MOD
SS-44B 7.5-8 02/17/10 15:02 023				
Aroclor 1248	44	36	ug/kg	SW846 8082
Percent Solids	92.3	10.0	%	MCAWW 160.3 MOD
DUP021710 02/17/10 024				
Aroclor 1248	8700	690	ug/kg	SW846 8082
Percent Solids	95.8	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A0B190431

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A0B190431

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LVV21	001	SS-52 0-0.5	02/17/10	07:50
LVV24	002	SS-52 10-10.5	02/17/10	07:58
LVV25	003	SS-52 11-11.5	02/17/10	07:58
LVV26	004	SS-55 0-0.5	02/17/10	08:27
LVV27	005	SS-55 5.5-6	02/17/10	08:38
LVV28	006	SS-55 6.5-7	02/17/10	08:39
LVV29	007	SS-51 0-0.5	02/17/10	09:08
LVV3C	008	SS-51 3-3.5	02/17/10	09:10
LVV3E	009	SS-51 4-4.5	02/17/10	09:17
LVV3F	010	SS-50A 0-0.5	02/17/10	10:58
LVV3G	011	SS-50A 7.5-8	02/17/10	11:02
LVV3H	012	SS-50A 8.5-9	02/17/10	11:08
LVV3K	013	SS-54 0-0.5	02/17/10	13:17
LVV3M	014	SS-54 11.5-12	02/17/10	13:21
LVV3P	015	SS-54 13-13.5	02/17/10	13:28
LVV3Q	016	SS-54 14-14.5	02/17/10	13:29
LVV3T	017	SS-46A 0-0.5	02/17/10	14:08
LVV3W	018	SS-46A 6.5-7	02/17/10	14:14
LVV3X	019	SS-46A 9.5-10	02/17/10	14:23
LVV30	020	SS-46A 10.5-11	02/17/10	14:24
LVV31	021	SS-44B 2-2.5	02/17/10	14:59
LVV32	022	SS-44B 6-6.5	02/17/10	15:02
LVV33	023	SS-44B 7.5-8	02/17/10	15:02
LVV34	024	DUP021710	02/17/10	
LVV35	025	RINSEBLANK021710	02/17/10	15:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-52 0-0.5

GC Semivolatiles

Lot-Sample #...: A0B190431-001 **Work Order #...:** LVV211AC **Matrix.....:** SO
Date Sampled...: 02/17/10 07:50 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 6.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	22
Aroclor 1221	ND	35	ug/kg	17
Aroclor 1232	ND	35	ug/kg	15
Aroclor 1242	ND	35	ug/kg	14
Aroclor 1248	**200**	**35**	**ug/kg**	**18**
Aroclor 1254	ND	35	ug/kg	18
Aroclor 1260	ND	35	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 196)
Decachlorobiphenyl	90	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-52 0-0.5

General Chemistry

Lot-Sample #...: A0B190431-001 **Work Order #...:** LVV21 **Matrix.....:** SO
Date Sampled...: 02/17/10 07:50 **Date Received..:** 02/19/10
% Moisture.....: 6.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-52 10-10.5

GC Semivolatiles

Lot-Sample #...: A0B190431-002 **Work Order #...:** LVV241AC **Matrix.....:** SO
Date Sampled...: 02/17/10 07:58 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 200
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	7600	ug/kg	4800
Aroclor 1221	ND	7600	ug/kg	3700
Aroclor 1232	ND	7600	ug/kg	3200
Aroclor 1242	ND	7600	ug/kg	3000
Aroclor 1248	**68000**	**7600**	**ug/kg**	**3900**
Aroclor 1254	ND	7600	ug/kg	3900
Aroclor 1260	**8100**	**7600**	**ug/kg**	**3900**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	147 DIL	(10 - 196)
Decachlorobiphenyl	194 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-52 10-10.5

General Chemistry

Lot-Sample #...: A0B190431-002 **Work Order #...:** LVV24 **Matrix.....:** SO
Date Sampled...: 02/17/10 07:58 **Date Received..:** 02/19/10
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**86.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-52 11-11.5

GC Semivolatiles

Lot-Sample #...: A0B190431-003 **Work Order #...:** LVV251AC **Matrix.....:** SO
Date Sampled...: 02/17/10 07:58 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 9.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	14
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	96	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-52 11-11.5

General Chemistry

Lot-Sample #...: A0B190431-003 **Work Order #...:** LVV25 **Matrix.....:** SO
Date Sampled...: 02/17/10 07:58 **Date Received..:** 02/19/10
% Moisture.....: 9.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 0-0.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-004 **Work Order #...:** LVV261AD **Matrix.....:** SO
Date Sampled...: 02/17/10 08:27 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1
% Moisture.....: 9.9 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	7.4	ug/kg	1.4
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.1
Benzo(a)pyrene	ND	7.4	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**120**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	27
Chrysene	ND	7.4	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 0-0.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-004 **Work Order #...:** LVV261AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	370	ug/kg	92
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	ND	7.4	ug/kg	1.3
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.4	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	26
N-Nitrosodiphenylamine	ND	55	ug/kg	23
2,2'-oxybis (1-Chloropropane)	ND	110	ug/kg	29
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	ND	7.4	ug/kg	2.2
Phenol	ND	55	ug/kg	28
Pyrene	ND	7.4	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 0-0.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-004 **Work Order #...:** LVV261AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	44	(24 - 112)
2-Fluorobiphenyl	48	(34 - 110)
Terphenyl-d14	70	(41 - 119)
Phenol-d5	49	(28 - 110)
2-Fluorophenol	55	(26 - 110)
2,4,6-Tribromophenol	55	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 0-0.5

GC Semivolatiles

Lot-Sample #...: A0B190431-004 **Work Order #...:** LVV261AC **Matrix.....:** SO
Date Sampled...: 02/17/10 08:27 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 5
% Moisture.....: 9.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	120
Aroclor 1221	ND	180	ug/kg	89
Aroclor 1232	ND	180	ug/kg	78
Aroclor 1242	ND	180	ug/kg	72
Aroclor 1248	**410**	**180**	**ug/kg**	**94**
Aroclor 1254	ND	180	ug/kg	94
Aroclor 1260	ND	180	ug/kg	94

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84 DIL	(10 - 196)
Decachlorobiphenyl	107 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 0-0.5

General Chemistry

Lot-Sample #...: A0B190431-004 **Work Order #...:** LVV26 **Matrix.....:** SO
Date Sampled...: 02/17/10 08:27 **Date Received..:** 02/19/10
% Moisture.....: 9.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 5.5-6

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-005 **Work Order #...:** LVV271AD **Matrix.....:** SO
Date Sampled...: 02/17/10 08:38 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1
% Moisture.....: 7.7 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	7.2	ug/kg	1.4
Acenaphthylene	ND	7.2	ug/kg	1.3
Acetophenone	ND	110	ug/kg	28
Anthracene	ND	7.2	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.2	ug/kg	1.0
Benzo(a)pyrene	ND	7.2	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.2	ug/kg	1.3
Benzo(ghi)perylene	ND	7.2	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.2	ug/kg	1.8
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	54	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**32 J**	**54**	**ug/kg**	**19**
4-Bromophenyl phenyl ether	ND	54	ug/kg	23
Butyl benzyl phthalate	ND	54	ug/kg	21
Caprolactam	ND	360	ug/kg	40
Carbazole	ND	54	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	18
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	54	ug/kg	24
2-Chlorophenol	ND	54	ug/kg	28
4-Chlorophenyl phenyl ether	ND	54	ug/kg	26
Chrysene	ND	7.2	ug/kg	0.97
Dibenz(a,h)anthracene	ND	7.2	ug/kg	1.4
Dibenzofuran	ND	54	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	54	ug/kg	21
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	54	ug/kg	23
Di-n-butyl phthalate	ND	54	ug/kg	21

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 5.5-6

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-005 **Work Order #...:** LVV271AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	90
2,4-Dinitrotoluene	ND	220	ug/kg	19
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	54	ug/kg	19
Fluoranthene	ND	7.2	ug/kg	1.3
Fluorene	ND	7.2	ug/kg	1.3
Hexachlorobenzene	ND	7.2	ug/kg	2.3
Hexachlorobutadiene	ND	54	ug/kg	28
Hexachlorocyclopenta-diene	ND	360	ug/kg	17
Hexachloroethane	ND	54	ug/kg	30
Indeno(1,2,3-cd)pyrene	ND	7.2	ug/kg	1.6
Isophorone	ND	54	ug/kg	23
2-Methylnaphthalene	ND	7.2	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	30
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.2	ug/kg	1.7
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	17
4-Nitroaniline	ND	220	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	54	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	54	ug/kg	25
N-Nitrosodiphenylamine	ND	54	ug/kg	23
2,2'-oxybis (1-Chloropropane)	ND	110	ug/kg	28
Pentachlorophenol	ND	160	ug/kg	89
Phenanthrene	ND	7.2	ug/kg	2.2
Phenol	ND	54	ug/kg	27
Pyrene	ND	7.2	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 5.5-6

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-005 **Work Order #...:** LVV271AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	72	(26 - 110)
2,4,6-Tribromophenol	59	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 5.5-6

GC Semivolatiles

Lot-Sample #...: A0B190431-005 **Work Order #...:** LVV271AC **Matrix.....:** SO
Date Sampled...: 02/17/10 08:38 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 7.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	17
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	18
Aroclor 1254	ND	36	ug/kg	18
Aroclor 1260	ND	36	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 196)
Decachlorobiphenyl	88	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 5.5-6

General Chemistry

Lot-Sample #...: A0B190431-005 **Work Order #...:** LVV27 **Matrix.....:** SO
Date Sampled...: 02/17/10 08:38 **Date Received..:** 02/19/10
% Moisture.....: 7.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 6.5-7

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-006 **Work Order #...:** LVV281AD **Matrix.....:** SO
Date Sampled...: 02/17/10 08:39 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1
% Moisture.....: 7.6 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	7.2	ug/kg	1.4
Acenaphthylene	ND	7.2	ug/kg	1.3
Acetophenone	ND	110	ug/kg	28
Anthracene	ND	7.2	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.2	ug/kg	1.0
Benzo(a)pyrene	ND	7.2	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.2	ug/kg	1.3
Benzo(ghi)perylene	ND	7.2	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.2	ug/kg	1.8
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	54	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	54	ug/kg	19
4-Bromophenyl phenyl ether	ND	54	ug/kg	23
Butyl benzyl phthalate	ND	54	ug/kg	21
Caprolactam	ND	360	ug/kg	40
Carbazole	ND	54	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	18
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	54	ug/kg	24
2-Chlorophenol	ND	54	ug/kg	28
4-Chlorophenyl phenyl ether	ND	54	ug/kg	26
Chrysene	ND	7.2	ug/kg	0.97
Dibenz(a,h)anthracene	ND	7.2	ug/kg	1.4
Dibenzofuran	ND	54	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	54	ug/kg	21
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	54	ug/kg	23
Di-n-butyl phthalate	ND	54	ug/kg	21

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 6.5-7

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-006 **Work Order #...:** LVV281AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	90
2,4-Dinitrotoluene	ND	220	ug/kg	19
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	54	ug/kg	19
Fluoranthene	ND	7.2	ug/kg	1.3
Fluorene	ND	7.2	ug/kg	1.3
Hexachlorobenzene	ND	7.2	ug/kg	2.3
Hexachlorobutadiene	ND	54	ug/kg	28
Hexachlorocyclopenta-diene	ND	360	ug/kg	17
Hexachloroethane	ND	54	ug/kg	30
Indeno(1,2,3-cd)pyrene	ND	7.2	ug/kg	1.6
Isophorone	ND	54	ug/kg	23
2-Methylnaphthalene	ND	7.2	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	30
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.2	ug/kg	1.7
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	17
4-Nitroaniline	ND	220	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	54	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	54	ug/kg	25
N-Nitrosodiphenylamine	ND	54	ug/kg	23
2,2'-oxybis (1-Chloropropane)	ND	110	ug/kg	28
Pentachlorophenol	ND	160	ug/kg	89
Phenanthrene	ND	7.2	ug/kg	2.2
Phenol	ND	54	ug/kg	27
Pyrene	ND	7.2	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 6.5-7

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-006 **Work Order #...:** LVV281AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(24 - 112)
2-Fluorobiphenyl	61	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	62	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 6.5-7

GC Semivolatiles

Lot-Sample #...: A0B190431-006 **Work Order #...:** LVV281AC **Matrix.....:** SO
Date Sampled...: 02/17/10 08:39 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 7.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	17
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	18
Aroclor 1254	ND	36	ug/kg	18
Aroclor 1260	ND	36	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-55 6.5-7

General Chemistry

Lot-Sample #...: A0B190431-006 **Work Order #...:** LVV28 **Matrix.....:** SO
Date Sampled...: 02/17/10 08:39 **Date Received..:** 02/19/10
% Moisture.....: 7.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 0-0.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-007 **Work Order #...:** LVV291AD **Matrix.....:** SO
Date Sampled...: 02/17/10 09:08 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1
% Moisture.....: 8.8 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	7.3	ug/kg	1.4
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.3	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.3	ug/kg	1.0
Benzo(a)pyrene	ND	7.3	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.3	ug/kg	1.3
Benzo(ghi)perylene	ND	7.3	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.3	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**34 J**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	360	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	19
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	26
Chrysene	ND	7.3	ug/kg	0.99
Dibenz(a,h)anthracene	ND	7.3	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 0-0.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-007 **Work Order #...:** LVV291AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	91
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	ND	7.3	ug/kg	1.3
Fluorene	ND	7.3	ug/kg	1.3
Hexachlorobenzene	ND	7.3	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	360	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.3	ug/kg	1.6
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.3	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.3	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
2,2'-oxybis (1-Chloropropane)	ND	110	ug/kg	29
Pentachlorophenol	ND	160	ug/kg	90
Phenanthrene	ND	7.3	ug/kg	2.2
Phenol	ND	55	ug/kg	27
Pyrene	ND	7.3	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 0-0.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-007 **Work Order #...:** LVV291AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	49	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	76	(41 - 119)
Phenol-d5	54	(28 - 110)
2-Fluorophenol	61	(26 - 110)
2,4,6-Tribromophenol	57	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 0-0.5

GC Semivolatiles

Lot-Sample #...: A0B190431-007 **Work Order #...:** LVV291AC **Matrix.....:** SO
Date Sampled...: 02/17/10 09:08 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 8.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	18
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	**180**	**36**	**ug/kg**	**19**
Aroclor 1254	ND	36	ug/kg	19
Aroclor 1260	ND	36	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	94	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 0-0.5

General Chemistry

Lot-Sample #...: A0B190431-007 **Work Order #...:** LVV29 **Matrix.....:** SO
Date Sampled...: 02/17/10 09:08 **Date Received..:** 02/19/10
% Moisture.....: 8.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 3-3.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-008 **Work Order #...:** LVV3C1AD **Matrix.....:** SO
Date Sampled...: 02/17/10 09:10 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1
% Moisture.....: 3.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	6.9	ug/kg	1.3
Acenaphthylene	ND	6.9	ug/kg	1.2
Acetophenone	ND	100	ug/kg	27
Anthracene	ND	6.9	ug/kg	1.3
Atrazine	ND	210	ug/kg	22
Benzo(a)anthracene	ND	6.9	ug/kg	0.98
Benzo(a)pyrene	ND	6.9	ug/kg	1.3
Benzo(b)fluoranthene	ND	6.9	ug/kg	1.2
Benzo(ghi)perylene	ND	6.9	ug/kg	1.3
Benzo(k)fluoranthene	ND	6.9	ug/kg	1.8
Benzaldehyde	ND	100	ug/kg	22
1,1'-Biphenyl	ND	52	ug/kg	24
bis(2-Chloroethoxy) methane	ND	100	ug/kg	23
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.1
bis(2-Ethylhexyl) phthalate	**53**	**52**	**ug/kg**	**19**
4-Bromophenyl phenyl ether	ND	52	ug/kg	22
Butyl benzyl phthalate	ND	52	ug/kg	20
Caprolactam	ND	340	ug/kg	38
Carbazole	ND	52	ug/kg	20
4-Chloroaniline	ND	150	ug/kg	18
4-Chloro-3-methylphenol	ND	150	ug/kg	22
2-Chloronaphthalene	ND	52	ug/kg	23
2-Chlorophenol	ND	52	ug/kg	27
4-Chlorophenyl phenyl ether	ND	52	ug/kg	25
Chrysene	ND	6.9	ug/kg	0.93
Dibenz(a,h)anthracene	ND	6.9	ug/kg	1.3
Dibenzofuran	ND	52	ug/kg	21
3,3'-Dichlorobenzidine	ND	100	ug/kg	19
2,4-Dichlorophenol	ND	150	ug/kg	21
Diethyl phthalate	ND	52	ug/kg	20
2,4-Dimethylphenol	ND	150	ug/kg	21
Dimethyl phthalate	ND	52	ug/kg	22
Di-n-butyl phthalate	ND	52	ug/kg	20

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 3-3.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-008 **Work Order #...:** LVV3C1AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	13
2,4-Dinitrophenol	ND	340	ug/kg	86
2,4-Dinitrotoluene	ND	210	ug/kg	19
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	52	ug/kg	19
Fluoranthene	ND	6.9	ug/kg	1.2
Fluorene	ND	6.9	ug/kg	1.2
Hexachlorobenzene	ND	6.9	ug/kg	2.2
Hexachlorobutadiene	ND	52	ug/kg	27
Hexachlorocyclopenta-diene	ND	340	ug/kg	16
Hexachloroethane	ND	52	ug/kg	29
Indeno(1,2,3-cd)pyrene	ND	6.9	ug/kg	1.5
Isophorone	ND	52	ug/kg	22
2-Methylnaphthalene	ND	6.9	ug/kg	1.5
2-Methylphenol	ND	210	ug/kg	29
4-Methylphenol	ND	210	ug/kg	23
Naphthalene	ND	6.9	ug/kg	1.6
2-Nitroaniline	ND	210	ug/kg	23
3-Nitroaniline	ND	210	ug/kg	16
4-Nitroaniline	ND	210	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.3
2-Nitrophenol	ND	52	ug/kg	20
4-Nitrophenol	ND	340	ug/kg	110
N-Nitrosodi-n-propyl-amine	ND	52	ug/kg	24
N-Nitrosodiphenylamine	ND	52	ug/kg	22
2,2'-oxybis (1-Chloropropane)	ND	100	ug/kg	27
Pentachlorophenol	ND	150	ug/kg	85
Phenanthrene	ND	6.9	ug/kg	2.1
Phenol	ND	52	ug/kg	26
Pyrene	ND	6.9	ug/kg	1.1
2,4,5-Trichloro-phenol	ND	150	ug/kg	26
2,4,6-Trichloro-phenol	ND	150	ug/kg	22

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 3-3.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-008 **Work Order #...:** LVV3C1AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51	(24 - 112)
2-Fluorobiphenyl	56	(34 - 110)
Terphenyl-d14	83	(41 - 119)
Phenol-d5	59	(28 - 110)
2-Fluorophenol	63	(26 - 110)
2,4,6-Tribromophenol	56	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 3-3.5

GC Semivolatiles

Lot-Sample #...: A0B190431-008 **Work Order #...:** LVV3C1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 09:10 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 20
% Moisture.....: 3.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	680	ug/kg	430
Aroclor 1221	ND	680	ug/kg	330
Aroclor 1232	ND	680	ug/kg	290
Aroclor 1242	ND	680	ug/kg	270
Aroclor 1248	**3200**	**680**	**ug/kg**	**350**
Aroclor 1254	ND	680	ug/kg	350
Aroclor 1260	ND	680	ug/kg	350

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	111 DIL	(10 - 196)
Decachlorobiphenyl	127 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 3-3.5

General Chemistry

Lot-Sample #...: A0B190431-008 **Work Order #...:** LVV3C **Matrix.....:** SO
Date Sampled...: 02/17/10 09:10 **Date Received..:** 02/19/10
% Moisture.....: 3.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**97.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 4-4.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-009 **Work Order #...:** LVV3E1AD **Matrix.....:** SO
Date Sampled...: 02/17/10 09:17 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1
% Moisture.....: 8.8 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	7.3	ug/kg	1.4
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.3	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.3	ug/kg	1.0
Benzo(a)pyrene	ND	7.3	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.3	ug/kg	1.3
Benzo(ghi)perylene	ND	7.3	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.3	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**92**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	360	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	19
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	26
Chrysene	ND	7.3	ug/kg	0.99
Dibenz(a,h)anthracene	ND	7.3	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 4-4.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-009 **Work Order #...:** LVV3E1AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	91
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	ND	7.3	ug/kg	1.3
Fluorene	ND	7.3	ug/kg	1.3
Hexachlorobenzene	ND	7.3	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	360	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.3	ug/kg	1.6
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.3	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.3	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
2,2'-oxybis (1-Chloropropane)	ND	110	ug/kg	29
Pentachlorophenol	ND	160	ug/kg	90
Phenanthrene	ND	7.3	ug/kg	2.2
Phenol	ND	55	ug/kg	27
Pyrene	ND	7.3	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 4-4.5

GC/MS Semivolatiles

Lot-Sample #...: A0B190431-009 **Work Order #...:** LVV3E1AD **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
2-Fluorobiphenyl	57	(34 - 110)
Terphenyl-d14	83	(41 - 119)
Phenol-d5	60	(28 - 110)
2-Fluorophenol	64	(26 - 110)
2,4,6-Tribromophenol	64	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 4-4.5

GC Semivolatiles

Lot-Sample #...: A0B190431-009 **Work Order #...:** LVV3E1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 09:17 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 8.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	18
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	19
Aroclor 1254	ND	36	ug/kg	19
Aroclor 1260	ND	36	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 196)
Decachlorobiphenyl	94	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-51 4-4.5

General Chemistry

Lot-Sample #...: A0B190431-009 **Work Order #...:** LVV3E **Matrix.....:** SO
Date Sampled...: 02/17/10 09:17 **Date Received..:** 02/19/10
% Moisture.....: 8.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-50A 0-0.5

GC Semivolatiles

Lot-Sample #...: A0B190431-010 **Work Order #...:** LVV3F1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 10:58 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 10
% Moisture.....: 8.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	360	ug/kg	230
Aroclor 1221	ND	360	ug/kg	180
Aroclor 1232	ND	360	ug/kg	150
Aroclor 1242	**1400**	**360**	**ug/kg**	**140**
Aroclor 1248	ND	360	ug/kg	190
Aroclor 1254	ND	360	ug/kg	190
Aroclor 1260	ND	360	ug/kg	190

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90 DIL	(10 - 196)
Decachlorobiphenyl	102 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-50A 0-0.5

General Chemistry

Lot-Sample #...: A0B190431-010 **Work Order #...:** LVV3F **Matrix.....:** SO
Date Sampled...: 02/17/10 10:58 **Date Received..:** 02/19/10
% Moisture.....: 8.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-50A 7.5-8

GC Semivolatiles

Lot-Sample #...: A0B190431-011 **Work Order #...:** LVV3G1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 11:02 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	17
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	18
Aroclor 1254	ND	36	ug/kg	18
Aroclor 1260	ND	36	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(10 - 196)
Decachlorobiphenyl	96	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-50A 7.5-8

General Chemistry

Lot-Sample #...: A0B190431-011 **Work Order #...:** LVV3G **Matrix.....:** SO
Date Sampled...: 02/17/10 11:02 **Date Received..:** 02/19/10
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-50A 8.5-9

GC Semivolatiles

Lot-Sample #...: A0B190431-012 **Work Order #...:** LVV3H1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 11:08 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 7.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	23
Aroclor 1221	ND	35	ug/kg	17
Aroclor 1232	ND	35	ug/kg	15
Aroclor 1242	ND	35	ug/kg	14
Aroclor 1248	ND	35	ug/kg	18
Aroclor 1254	ND	35	ug/kg	18
Aroclor 1260	ND	35	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(10 - 196)
Decachlorobiphenyl	83	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-50A 8.5-9

General Chemistry

Lot-Sample #...: A0B190431-012 **Work Order #...:** LVV3H **Matrix.....:** SO
Date Sampled...: 02/17/10 11:08 **Date Received..:** 02/19/10
% Moisture.....: 7.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-54 0-0.5

GC Semivolatiles

Lot-Sample #...: A0B190431-013 **Work Order #...:** LVV3K1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 13:17 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 20
% Moisture.....: 3.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	680	ug/kg	430
Aroclor 1221	ND	680	ug/kg	330
Aroclor 1232	ND	680	ug/kg	290
Aroclor 1242	ND	680	ug/kg	270
Aroclor 1248	**6300**	**680**	**ug/kg**	**350**
Aroclor 1254	ND	680	ug/kg	350
Aroclor 1260	ND	680	ug/kg	350

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	107 DIL	(10 - 196)
Decachlorobiphenyl	145 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-54 0-0.5

General Chemistry

Lot-Sample #...: A0B190431-013 **Work Order #...:** LVV3K **Matrix.....:** SO
Date Sampled...: 02/17/10 13:17 **Date Received..:** 02/19/10
% Moisture.....: 3.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**96.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050246**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-54 11.5-12

GC Semivolatiles

Lot-Sample #...: A0B190431-014 **Work Order #...:** LVV3M1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 13:21 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 22 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	42	ug/kg	27
Aroclor 1221	ND	42	ug/kg	21
Aroclor 1232	ND	42	ug/kg	18
Aroclor 1242	**23 J**	**42**	**ug/kg**	**17**
Aroclor 1248	ND	42	ug/kg	22
Aroclor 1254	ND	42	ug/kg	22
Aroclor 1260	ND	42	ug/kg	22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(10 - 196)
Decachlorobiphenyl	90	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-54 11.5-12

General Chemistry

Lot-Sample #...: A0B190431-014 **Work Order #...:** LVV3M **Matrix.....:** SO
Date Sampled...: 02/17/10 13:21 **Date Received..:** 02/19/10
% Moisture.....: 22

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**77.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-54 13-13.5

GC Semivolatiles

Lot-Sample #...: A0B190431-015 **Work Order #...:** LVV3P1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 13:28 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 5
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	120
Aroclor 1221	ND	180	ug/kg	90
Aroclor 1232	ND	180	ug/kg	78
Aroclor 1242	ND	180	ug/kg	73
Aroclor 1248	**460**	**180**	**ug/kg**	**95**
Aroclor 1254	ND	180	ug/kg	95
Aroclor 1260	ND	180	ug/kg	95

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	113 DIL	(10 - 196)
Decachlorobiphenyl	112 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-54 13-13.5

General Chemistry

Lot-Sample #...: A0B190431-015 **Work Order #...:** LVV3P **Matrix.....:** SO
Date Sampled...: 02/17/10 13:28 **Date Received..:** 02/19/10
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**89.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-54 14-14.5

GC Semivolatiles

Lot-Sample #...: A0B190431-016 **Work Order #...:** LVV3Q1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 13:29 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1
% Moisture.....: 9.3 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	18
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	19
Aroclor 1254	ND	36	ug/kg	19
Aroclor 1260	ND	36	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 196)
Decachlorobiphenyl	105	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-54 14-14.5

General Chemistry

Lot-Sample #...: A0B190431-016 **Work Order #...:** LVV3Q **Matrix.....:** SO
Date Sampled...: 02/17/10 13:29 **Date Received..:** 02/19/10
% Moisture.....: 9.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-46A 0-0.5

GC Semivolatiles

Lot-Sample #...: A0B190431-017 **Work Order #...:** LVV3T1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 14:08 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 50000
% Moisture.....: 9.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1800000	ug/kg	1200000
Aroclor 1221	ND	1800000	ug/kg	890000
Aroclor 1232	ND	1800000	ug/kg	770000
Aroclor 1242	ND	1800000	ug/kg	720000
Aroclor 1248	**29000000**	**1800000**	**ug/kg**	**940000**
Aroclor 1254	ND	1800000	ug/kg	940000
Aroclor 1260	**1100000 J**	**1800000**	**ug/kg**	**940000**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	12800 DIL,*	(10 - 196)
Decachlorobiphenyl	7350 DIL,*	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-46A 0-0.5

General Chemistry

Lot-Sample #...: A0B190431-017 **Work Order #...:** LVV3T **Matrix.....:** SO
Date Sampled...: 02/17/10 14:08 **Date Received..:** 02/19/10
% Moisture.....: 9.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**90.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-46A 6.5-7

GC Semivolatiles

Lot-Sample #...: A0B190431-018 **Work Order #...:** LVV3W1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 14:14 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 50
% Moisture.....: 6.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1800	ug/kg	1100
Aroclor 1221	ND	1800	ug/kg	860
Aroclor 1232	ND	1800	ug/kg	750
Aroclor 1242	ND	1800	ug/kg	700
Aroclor 1248	**2700**	**1800**	**ug/kg**	**910**
Aroclor 1254	ND	1800	ug/kg	910
Aroclor 1260	ND	1800	ug/kg	910

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	132 DIL	(10 - 196)
Decachlorobiphenyl	113 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-46A 6.5-7

General Chemistry

Lot-Sample #...: A0B190431-018 **Work Order #...:** LVV3W **Matrix.....:** SO
Date Sampled...: 02/17/10 14:14 **Date Received..:** 02/19/10
% Moisture.....: 6.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-46A 9.5-10

GC Semivolatiles

Lot-Sample #...: A0B190431-019 **Work Order #...:** LVV3X1AC **Matrix.....:** SO
Date Sampled...: 02/17/10 14:23 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 10
% Moisture.....: 8.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	360	ug/kg	230
Aroclor 1221	ND	360	ug/kg	170
Aroclor 1232	ND	360	ug/kg	150
Aroclor 1242	ND	360	ug/kg	140
Aroclor 1248	**2700**	**360**	**ug/kg**	**190**
Aroclor 1254	ND	360	ug/kg	190
Aroclor 1260	ND	360	ug/kg	190

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	105 DIL	(10 - 196)
Decachlorobiphenyl	109 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-46A 9.5-10

General Chemistry

Lot-Sample #...: A0B190431-019 **Work Order #...:** LVV3X **Matrix.....:** SO
Date Sampled...: 02/17/10 14:23 **Date Received..:** 02/19/10
% Moisture.....: 8.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-46A 10.5-11

GC Semivolatiles

Lot-Sample #...: A0B190431-020 **Work Order #...:** LVV301AC **Matrix.....:** SO
Date Sampled...: 02/17/10 14:24 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 5
% Moisture.....: 8.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	110
Aroclor 1221	ND	180	ug/kg	87
Aroclor 1232	ND	180	ug/kg	76
Aroclor 1242	ND	180	ug/kg	71
Aroclor 1248	**580**	**180**	**ug/kg**	**93**
Aroclor 1254	ND	180	ug/kg	93
Aroclor 1260	ND	180	ug/kg	93

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100 DIL	(10 - 196)
Decachlorobiphenyl	108 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-46A 10.5-11

General Chemistry

Lot-Sample #...: A0B190431-020 **Work Order #...:** LVV30 **Matrix.....:** SO
Date Sampled...: 02/17/10 14:24 **Date Received..:** 02/19/10
% Moisture.....: 8.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**91.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-44B 2-2.5

GC Semivolatiles

Lot-Sample #...: A0B190431-021 **Work Order #...:** LVV311AC **Matrix.....:** SO
Date Sampled...: 02/17/10 14:59 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 10
% Moisture.....: 1.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	340	ug/kg	210
Aroclor 1221	ND	340	ug/kg	160
Aroclor 1232	ND	340	ug/kg	140
Aroclor 1242	ND	340	ug/kg	130
Aroclor 1248	**2200**	**340**	**ug/kg**	**170**
Aroclor 1254	ND	340	ug/kg	170
Aroclor 1260	ND	340	ug/kg	170

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	15 DIL	(10 - 196)
Decachlorobiphenyl	14 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-44B 2-2.5

General Chemistry

Lot-Sample #...: A0B190431-021 **Work Order #...:** LVV31 **Matrix.....:** SO
Date Sampled...: 02/17/10 14:59 **Date Received..:** 02/19/10
% Moisture.....: 1.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**98.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-44B 6-6.5

GC Semivolatiles

Lot-Sample #...: A0B190431-022 **Work Order #...:** LVV321AC **Matrix.....:** SO
Date Sampled...: 02/17/10 15:02 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	17
Aroclor 1242	ND	39	ug/kg	15
Aroclor 1248	ND	39	ug/kg	20
Aroclor 1254	ND	39	ug/kg	20
Aroclor 1260	ND	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(10 - 196)
Decachlorobiphenyl	109	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-44B 6-6.5

General Chemistry

Lot-Sample #...: A0B190431-022 **Work Order #...:** LVV32 **Matrix.....:** SO
Date Sampled...: 02/17/10 15:02 **Date Received..:** 02/19/10
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**84.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-44B 7.5-8

GC Semivolatiles

Lot-Sample #...: A0B190431-023 **Work Order #...:** LVV331AC **Matrix.....:** SO
Date Sampled...: 02/17/10 15:02 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 1
% Moisture.....: 7.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	17
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	**44**	**36**	**ug/kg**	**18**
Aroclor 1254	ND	36	ug/kg	18
Aroclor 1260	ND	36	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 196)
Decachlorobiphenyl	100	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SS-44B 7.5-8

General Chemistry

Lot-Sample #...: A0B190431-023 **Work Order #...:** LVV33 **Matrix.....:** SO
Date Sampled...: 02/17/10 15:02 **Date Received..:** 02/19/10
% Moisture.....: 7.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**92.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: DUP021710

GC Semivolatiles

Lot-Sample #...: A0B190431-024 **Work Order #...:** LVV341AC **Matrix.....:** SO
Date Sampled...: 02/17/10 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 20
% Moisture.....: 4.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	690	ug/kg	440
Aroclor 1221	ND	690	ug/kg	330
Aroclor 1232	ND	690	ug/kg	290
Aroclor 1242	ND	690	ug/kg	270
Aroclor 1248	**8700**	**690**	**ug/kg**	**350**
Aroclor 1254	ND	690	ug/kg	350
Aroclor 1260	ND	690	ug/kg	350

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109 DIL	(10 - 196)
Decachlorobiphenyl	142 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: DUP021710

General Chemistry

Lot-Sample #...: A0B190431-024 **Work Order #...:** LVV34 **Matrix.....:** SO
Date Sampled...: 02/17/10 **Date Received..:** 02/19/10
% Moisture.....: 4.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**95.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**02/19-02/20/10**	**0050247**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: RINSEBLANK021710

GC Semivolatiles

Lot-Sample #...: A0B190431-025 **Work Order #...:** LVV351AA **Matrix.....:** WQ
Date Sampled...: 02/17/10 15:00 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050191
Dilution Factor: 1 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.000065	mg/L	0.000065
Aroclor 1221	ND	0.000065	mg/L	0.000065
Aroclor 1232	ND	0.000065	mg/L	0.000065
Aroclor 1242	ND	0.000065	mg/L	0.000065
Aroclor 1248	ND	0.000065	mg/L	0.000065
Aroclor 1254	ND	0.000065	mg/L	0.000065
Aroclor 1260	ND	0.000065	mg/L	0.000065

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(27 - 130)
Decachlorobiphenyl	33	(10 - 127)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV801AA **Matrix.....:** SOLID
MB Lot-Sample #: A0B190000-186

Prep Date.....: 02/19/10
Analysis Date..: 02/22/10 **Prep Batch #...:** 0050186
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV801AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	100	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	66	(10 - 118)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV801AA **Matrix.....:** SOLID

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV7J1AA **Matrix.....:** SOLID
MB Lot-Sample #: A0B190000-189

Prep Date.....: 02/19/10
Analysis Date..: 02/23/10 **Prep Batch #...:** 0050189
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 196)
Decachlorobiphenyl	101	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV7W1AA **Matrix.....:** SOLID
MB Lot-Sample #: A0B190000-190

Prep Date.....: 02/19/10
Analysis Date..: 02/22/10 **Prep Batch #...:** 0050190
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 196)
Decachlorobiphenyl	101	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV691AA **Matrix.....:** WATER
MB Lot-Sample #: A0B190000-191
Prep Date.....: 02/19/10
Analysis Date..: 02/23/10 **Prep Batch #...:** 0050191
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.000065	mg/L	SW846 8082
Aroclor 1221	ND	0.000065	mg/L	SW846 8082
Aroclor 1232	ND	0.000065	mg/L	SW846 8082
Aroclor 1242	ND	0.000065	mg/L	SW846 8082
Aroclor 1248	ND	0.000065	mg/L	SW846 8082
Aroclor 1254	ND	0.000065	mg/L	SW846 8082
Aroclor 1260	ND	0.000065	mg/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(27 - 130)
Decachlorobiphenyl	55	(10 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0B190431 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: LVWH21AA		MB Lot-Sample #:	A0B190000-246	
	ND	10.0	%	MCAWW 160.3 MOD	02/19-02/20/10	0050246
		Dilution Factor: 1				
Percent Solids		Work Order #: LVWH61AA		MB Lot-Sample #:	A0B190000-247	
	ND	10.0	%	MCAWW 160.3 MOD	02/19-02/20/10	0050247
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV801AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-186
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**77**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	77	(47 - 110)	SW846 8270C
Acetophenone	63	(50 - 130)	SW846 8270C
Anthracene	83	(56 - 111)	SW846 8270C
Atrazine	120	(50 - 130)	SW846 8270C
Benzo(a)anthracene	78	(58 - 111)	SW846 8270C
Benzo(a)pyrene	75	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	73	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	86	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	96	(38 - 122)	SW846 8270C
Benzaldehyde	65	(10 - 130)	SW846 8270C
1,1'-Biphenyl	69	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	72	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)-ether	67	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	79	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	84	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	78	(57 - 121)	SW846 8270C
Caprolactam	75	(50 - 130)	SW846 8270C
Carbazole	82	(56 - 115)	SW846 8270C
4-Chloroaniline	57	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**75**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	75	(46 - 110)	SW846 8270C
2-Chlorophenol	**73**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	78	(53 - 110)	SW846 8270C
Chrysene	79	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	87	(45 - 122)	SW846 8270C
Dibenzofuran	77	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	53	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	77	(40 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV801AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-186

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Diethyl phthalate	78	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	70	(28 - 110)	SW846 8270C
Dimethyl phthalate	79	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	82	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	65	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	37	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**81**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	81	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	79	(45 - 123)	SW846 8270C
Fluoranthene	87	(55 - 118)	SW846 8270C
Fluorene	77	(51 - 110)	SW846 8270C
Hexachlorobenzene	84	(51 - 110)	SW846 8270C
Hexachlorobutadiene	69	(39 - 110)	SW846 8270C
Hexachlorocyclopenta-diene	54	(10 - 110)	SW846 8270C
Hexachloroethane	64	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	86	(45 - 121)	SW846 8270C
Isophorone	71	(46 - 117)	SW846 8270C
2-Methylnaphthalene	87	(46 - 110)	SW846 8270C
2-Methylphenol	72	(36 - 110)	SW846 8270C
4-Methylphenol	74	(40 - 110)	SW846 8270C
Naphthalene	71	(42 - 110)	SW846 8270C
2-Nitroaniline	80	(47 - 124)	SW846 8270C
3-Nitroaniline	73	(44 - 110)	SW846 8270C
4-Nitroaniline	83	(50 - 110)	SW846 8270C
Nitrobenzene	71	(40 - 110)	SW846 8270C
2-Nitrophenol	73	(35 - 110)	SW846 8270C
4-Nitrophenol	**70**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	80	(54 - 112)	SW846 8270C
bis(2-Chloroisopropyl) ether	74	(36 - 116)	SW846 8270C
Pentachlorophenol	**56**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	80	(54 - 110)	SW846 8270C
Phenol	**74**	**(39 - 110)**	**SW846 8270C**

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV801AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-186

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Pyrene	**79**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	78	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	75	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	71	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	80	(10 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV801AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-186
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**670**	**510**	**ug/kg**	**77**	**SW846 8270C**
Acenaphthylene	670	510	ug/kg	77	SW846 8270C
Acetophenone	670	420	ug/kg	63	SW846 8270C
Anthracene	670	550	ug/kg	83	SW846 8270C
Atrazine	670	800	ug/kg	120	SW846 8270C
Benzo(a)anthracene	670	520	ug/kg	78	SW846 8270C
Benzo(a)pyrene	670	500	ug/kg	75	SW846 8270C
Benzo(b)fluoranthene	670	490	ug/kg	73	SW846 8270C
Benzo(ghi)perylene	670	570	ug/kg	86	SW846 8270C
Benzo(k)fluoranthene	670	640	ug/kg	96	SW846 8270C
Benzaldehyde	670	430	ug/kg	65	SW846 8270C
1,1'-Biphenyl	670	460	ug/kg	69	SW846 8270C
bis(2-Chloroethoxy) methane	670	480	ug/kg	72	SW846 8270C
bis(2-Chloroethyl)-ether	670	450	ug/kg	67	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	530	ug/kg	79	SW846 8270C
4-Bromophenyl phenyl ether	670	560	ug/kg	84	SW846 8270C
Butyl benzyl phthalate	670	520	ug/kg	78	SW846 8270C
Caprolactam	670	500	ug/kg	75	SW846 8270C
Carbazole	670	550	ug/kg	82	SW846 8270C
4-Chloroaniline	670	380	ug/kg	57	SW846 8270C
4-Chloro-3-methylphenol	**670**	**500**	**ug/kg**	**75**	**SW846 8270C**
2-Chloronaphthalene	670	500	ug/kg	75	SW846 8270C
2-Chlorophenol	**670**	**490**	**ug/kg**	**73**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	520	ug/kg	78	SW846 8270C
Chrysene	670	530	ug/kg	79	SW846 8270C
Dibenz(a,h)anthracene	670	580	ug/kg	87	SW846 8270C
Dibenzofuran	670	520	ug/kg	77	SW846 8270C
3,3'-Dichlorobenzidine	670	360	ug/kg	53	SW846 8270C
2,4-Dichlorophenol	670	510	ug/kg	77	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV801AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-186

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Diethyl phthalate	670	520	ug/kg	78	SW846 8270C
2,4-Dimethylphenol	670	470	ug/kg	70	SW846 8270C
Dimethyl phthalate	670	520	ug/kg	79	SW846 8270C
Di-n-butyl phthalate	670	540	ug/kg	82	SW846 8270C
4,6-Dinitro-2-methylphenol	670	440	ug/kg	65	SW846 8270C
2,4-Dinitrophenol	670	240	ug/kg	37	SW846 8270C
2,4-Dinitrotoluene	**670**	**540**	**ug/kg**	**81**	**SW846 8270C**
2,6-Dinitrotoluene	670	540	ug/kg	81	SW846 8270C
Di-n-octyl phthalate	670	520	ug/kg	79	SW846 8270C
Fluoranthene	670	580	ug/kg	87	SW846 8270C
Fluorene	670	520	ug/kg	77	SW846 8270C
Hexachlorobenzene	670	560	ug/kg	84	SW846 8270C
Hexachlorobutadiene	670	460	ug/kg	69	SW846 8270C
Hexachlorocyclopenta-diene	670	360	ug/kg	54	SW846 8270C
Hexachloroethane	670	430	ug/kg	64	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	570	ug/kg	86	SW846 8270C
Isophorone	670	470	ug/kg	71	SW846 8270C
2-Methylnaphthalene	670	580	ug/kg	87	SW846 8270C
2-Methylphenol	670	480	ug/kg	72	SW846 8270C
4-Methylphenol	1300	990	ug/kg	74	SW846 8270C
Naphthalene	670	480	ug/kg	71	SW846 8270C
2-Nitroaniline	670	540	ug/kg	80	SW846 8270C
3-Nitroaniline	670	490	ug/kg	73	SW846 8270C
4-Nitroaniline	670	550	ug/kg	83	SW846 8270C
Nitrobenzene	670	470	ug/kg	71	SW846 8270C
2-Nitrophenol	670	490	ug/kg	73	SW846 8270C
4-Nitrophenol	**670**	**470**	**ug/kg**	**70**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**490**	**ug/kg**	**74**	**SW846 8270C**
N-Nitrosodiphenylamine	670	530	ug/kg	80	SW846 8270C
bis(2-Chloroisopropyl) ether	670	490	ug/kg	74	SW846 8270C
Pentachlorophenol	**670**	**380**	**ug/kg**	**56**	**SW846 8270C**
Phenanthrene	670	530	ug/kg	80	SW846 8270C
Phenol	**670**	**490**	**ug/kg**	**74**	**SW846 8270C**

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV801AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-186

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pyrene	**670**	**530**	**ug/kg**	**79**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	520	ug/kg	78	SW846 8270C
2,4,6-Trichloro-phenol	670	500	ug/kg	75	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	71	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	80	(10 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV7J1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-189
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**80**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**90**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	104	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV7J1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-189
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**270**	**ug/kg**	**80**	**SW846 8082**
Aroclor 1260	**330**	**300**	**ug/kg**	**90**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	104	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV7W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-190
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**79**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**91**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 196)
Decachlorobiphenyl	102	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV7W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A0B190000-190
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**260**	**ug/kg**	**79**	**SW846 8082**
Aroclor 1260	**330**	**300**	**ug/kg**	**91**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 196)
Decachlorobiphenyl	102	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV691AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0B190000-191 LVV691AD-LCSD
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050191
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**82**	**(44 - 119)**			**SW846 8082**
	94	**(44 - 119)**	**14**	**(0-30)**	**SW846 8082**
Aroclor 1260	**75**	**(41 - 118)**			**SW846 8082**
	83	**(41 - 118)**	**10**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(27 - 130)
	99	(27 - 130)
Decachlorobiphenyl	26	(10 - 127)
	30	(10 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV691AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0B190000-191 LVV691AD-LCSD
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050191
Dilution Factor: 5

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**0.010**	**0.0082**	**mg/L**	**82**		**SW846 8082**
	0.010	**0.0094**	**mg/L**	**94**	**14**	**SW846 8082**
Aroclor 1260	**0.010**	**0.0075**	**mg/L**	**75**		**SW846 8082**
	0.010	**0.0083**	**mg/L**	**83**	**10**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(27 - 130)
	99	(27 - 130)
Decachlorobiphenyl	26	(10 - 127)
	30	(10 - 127)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD
Date Sampled...: 02/17/10 08:27 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**59**	**(10 - 200)**			**SW846 8270C**
	57	**(10 - 200)**	**4.3**	**(0-30)**	**SW846 8270C**
Acenaphthylene	60	(10 - 200)			SW846 8270C
	57	(10 - 200)	4.4	(0-30)	SW846 8270C
Acetophenone	51	(50 - 130)			SW846 8270C
	49 a	(50 - 130)	3.7	(0-30)	SW846 8270C
Anthracene	68	(10 - 200)			SW846 8270C
	65	(10 - 200)	5.3	(0-30)	SW846 8270C
Atrazine	99	(50 - 130)			SW846 8270C
	96	(50 - 130)	3.2	(0-30)	SW846 8270C
Benzo(a)anthracene	65	(10 - 200)			SW846 8270C
	63	(10 - 200)	3.2	(0-30)	SW846 8270C
Benzo(a)pyrene	63	(10 - 200)			SW846 8270C
	58	(10 - 200)	7.2	(0-30)	SW846 8270C
Benzo(b)fluoranthene	66	(10 - 200)			SW846 8270C
	58	(10 - 200)	13	(0-30)	SW846 8270C
Benzo(ghi)perylene	72	(10 - 200)			SW846 8270C
	67	(10 - 200)	7.7	(0-30)	SW846 8270C
Benzo(k)fluoranthene	70	(10 - 200)			SW846 8270C
	71	(10 - 200)	0.97	(0-30)	SW846 8270C
Benzaldehyde	48	(10 - 130)			SW846 8270C
	46	(10 - 130)	4.5	(0-30)	SW846 8270C
1,1'-Biphenyl	53	(50 - 130)			SW846 8270C
	50	(50 - 130)	5.9	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	55	(36 - 110)			SW846 8270C
	54	(36 - 110)	2.1	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	54	(32 - 118)			SW846 8270C
	53	(32 - 118)	2.4	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	71	(10 - 200)			SW846 8270C
	65	(10 - 200)	6.6	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	70	(44 - 120)			SW846 8270C
	65	(44 - 120)	6.4	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Butyl benzyl phthalate	66	(43 - 138)			SW846 8270C
	62	(43 - 138)	5.9	(0-30)	SW846 8270C
Caprolactam	58	(50 - 130)			SW846 8270C
	58	(50 - 130)	0.85	(0-30)	SW846 8270C
Carbazole	68	(10 - 162)			SW846 8270C
	63	(10 - 162)	7.4	(0-30)	SW846 8270C
4-Chloroaniline	42	(11 - 110)			SW846 8270C
	43	(11 - 110)	2.4	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**61**	**(32 - 117)**			**SW846 8270C**
	59	**(32 - 117)**	**3.3**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	58	(40 - 110)			SW846 8270C
	56	(40 - 110)	3.8	(0-30)	SW846 8270C
2-Chlorophenol	**58**	**(32 - 110)**			**SW846 8270C**
	57	**(32 - 110)**	**1.8**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	63	(47 - 116)			SW846 8270C
	59	(47 - 116)	6.4	(0-30)	SW846 8270C
Chrysene	63	(10 - 200)			SW846 8270C
	62	(10 - 200)	1.6	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	72	(10 - 200)			SW846 8270C
	68	(10 - 200)	4.4	(0-30)	SW846 8270C
Dibenzofuran	61	(10 - 200)			SW846 8270C
	58	(10 - 200)	4.2	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	46	(10 - 110)			SW846 8270C
	50	(10 - 110)	9.2	(0-30)	SW846 8270C
2,4-Dichlorophenol	59	(33 - 110)			SW846 8270C
	58	(33 - 110)	1.5	(0-30)	SW846 8270C
Diethyl phthalate	65	(48 - 118)			SW846 8270C
	61	(48 - 118)	5.4	(0-30)	SW846 8270C
2,4-Dimethylphenol	55	(19 - 114)			SW846 8270C
	55	(19 - 114)	0.85	(0-30)	SW846 8270C
Dimethyl phthalate	63	(47 - 116)			SW846 8270C
	59	(47 - 116)	6.1	(0-30)	SW846 8270C
Di-n-butyl phthalate	69	(31 - 145)			SW846 8270C
	64	(31 - 145)	7.8	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	51	(10 - 110)			SW846 8270C
	43	(10 - 110)	16	(0-30)	SW846 8270C
2,4-Dinitrophenol	31	(10 - 110)			SW846 8270C
	21 p	(10 - 110)	40	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-Dinitrotoluene	**67**	**(42 - 118)**			**SW846 8270C**
	64	**(42 - 118)**	**5.0**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	66	(28 - 137)			SW846 8270C
	62	(28 - 137)	6.1	(0-30)	SW846 8270C
Di-n-octyl phthalate	66	(10 - 182)			SW846 8270C
	64	(10 - 182)	4.1	(0-30)	SW846 8270C
Fluoranthene	72	(10 - 200)			SW846 8270C
	68	(10 - 200)	6.4	(0-30)	SW846 8270C
Fluorene	62	(10 - 187)			SW846 8270C
	60	(10 - 187)	4.4	(0-30)	SW846 8270C
Hexachlorobenzene	69	(37 - 122)			SW846 8270C
	64	(37 - 122)	7.3	(0-30)	SW846 8270C
Hexachlorobutadiene	50	(30 - 110)			SW846 8270C
	50	(30 - 110)	0.48	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	35	(10 - 110)			SW846 8270C
	34	(10 - 110)	4.7	(0-30)	SW846 8270C
Hexachloroethane	45	(13 - 110)			SW846 8270C
	46	(13 - 110)	0.71	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	72	(10 - 200)			SW846 8270C
	67	(10 - 200)	7.2	(0-30)	SW846 8270C
Isophorone	54	(32 - 129)			SW846 8270C
	53	(32 - 129)	2.0	(0-30)	SW846 8270C
2-Methylnaphthalene	65	(10 - 200)			SW846 8270C
	65	(10 - 200)	0.43	(0-30)	SW846 8270C
2-Methylphenol	58	(19 - 124)			SW846 8270C
	59	(19 - 124)	2.0	(0-30)	SW846 8270C
4-Methylphenol	61	(27 - 116)			SW846 8270C
	59	(27 - 116)	2.5	(0-30)	SW846 8270C
Naphthalene	54	(10 - 200)			SW846 8270C
	52	(10 - 200)	3.4	(0-30)	SW846 8270C
2-Nitroaniline	66	(31 - 141)			SW846 8270C
	60	(31 - 141)	8.4	(0-30)	SW846 8270C
3-Nitroaniline	63	(24 - 110)			SW846 8270C
	59	(24 - 110)	6.3	(0-30)	SW846 8270C
4-Nitroaniline	68	(23 - 124)			SW846 8270C
	63	(23 - 124)	7.9	(0-30)	SW846 8270C
Nitrobenzene	54	(33 - 111)			SW846 8270C
	53	(33 - 111)	0.22	(0-30)	SW846 8270C
2-Nitrophenol	55	(17 - 110)			SW846 8270C
	54	(17 - 110)	2.9	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Nitrophenol	**56**	**(10 - 125)**			**SW846 8270C**
	51	**(10 - 125)**	**8.3**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**58**	**(30 - 121)**			**SW846 8270C**
	58	**(30 - 121)**	**0.68**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	67	(10 - 169)			SW846 8270C
	64	(10 - 169)	5.0	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	57	(25 - 124)			SW846 8270C
	57	(25 - 124)	0.08	(0-30)	SW846 8270C
Pentachlorophenol	**39**	**(10 - 182)**			**SW846 8270C**
	36	**(10 - 182)**	**7.1**	**(0-30)**	**SW846 8270C**
Phenanthrene	66	(10 - 200)			SW846 8270C
	62	(10 - 200)	5.0	(0-30)	SW846 8270C
Phenol	**59**	**(10 - 144)**			**SW846 8270C**
	58	**(10 - 144)**	**1.6**	**(0-30)**	**SW846 8270C**
Pyrene	**65**	**(10 - 200)**			**SW846 8270C**
	62	**(10 - 200)**	**4.7**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	65	(32 - 112)			SW846 8270C
	60	(32 - 112)	8.7	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	62	(22 - 110)			SW846 8270C
	56	(22 - 110)	10	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(24 - 112)
	47	(24 - 112)
2-Fluorobiphenyl	56	(34 - 110)
	53	(34 - 110)
Terphenyl-d14	77	(41 - 119)
	72	(41 - 119)
Phenol-d5	57	(28 - 110)
	54	(28 - 110)
2-Fluorophenol	62	(26 - 110)
	59	(26 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	66	(10 - 118)
	63	(10 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD
Date Sampled...: 02/17/10 08:27 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050186
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**740**	**440**	**ug/kg**	**59**		**SW846 8270C**
	ND	**740**	**420**	**ug/kg**	**57**	**4.3**	**SW846 8270C**
Acenaphthylene	ND	740	440	ug/kg	60		SW846 8270C
	ND	740	420	ug/kg	57	4.4	SW846 8270C
Acetophenone	ND	740	370	ug/kg	51		SW846 8270C
	ND	740	360	ug/kg	49 a	3.7	SW846 8270C
Anthracene	ND	740	500	ug/kg	68		SW846 8270C
	ND	740	480	ug/kg	65	5.3	SW846 8270C
Atrazine	ND	740	730	ug/kg	99		SW846 8270C
	ND	740	710	ug/kg	96	3.2	SW846 8270C
Benzo(a)anthracene	ND	740	480	ug/kg	65		SW846 8270C
	ND	740	460	ug/kg	63	3.2	SW846 8270C
Benzo(a)pyrene	ND	740	460	ug/kg	63		SW846 8270C
	ND	740	430	ug/kg	58	7.2	SW846 8270C
Benzo(b)fluoranthene	ND	740	490	ug/kg	66		SW846 8270C
	ND	740	430	ug/kg	58	13	SW846 8270C
Benzo(ghi)perylene	ND	740	540	ug/kg	72		SW846 8270C
	ND	740	500	ug/kg	67	7.7	SW846 8270C
Benzo(k)fluoranthene	ND	740	520	ug/kg	70		SW846 8270C
	ND	740	520	ug/kg	71	0.97	SW846 8270C
Benzaldehyde	ND	740	360	ug/kg	48		SW846 8270C
	ND	740	340	ug/kg	46	4.5	SW846 8270C
1,1'-Biphenyl	ND	740	390	ug/kg	53		SW846 8270C
	ND	740	370	ug/kg	50	5.9	SW846 8270C
bis(2-Chloroethoxy) methane	ND	740	410	ug/kg	55		SW846 8270C
	ND	740	400	ug/kg	54	2.1	SW846 8270C
bis(2-Chloroethyl)-ether	ND	740	400	ug/kg	54		SW846 8270C
	ND	740	390	ug/kg	53	2.4	SW846 8270C
bis(2-Ethylhexyl) phthalate	120	740	650	ug/kg	71		SW846 8270C
	120	740	610	ug/kg	65	6.6	SW846 8270C
4-Bromophenyl phenyl ether	ND	740	520	ug/kg	70		SW846 8270C
	ND	740	480	ug/kg	65	6.4	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Butyl benzyl phthalate	ND	740	490	ug/kg	66		SW846 8270C
	ND	740	460	ug/kg	62	5.9	SW846 8270C
Caprolactam	ND	740	430	ug/kg	58		SW846 8270C
	ND	740	430	ug/kg	58	0.85	SW846 8270C
Carbazole	ND	740	500	ug/kg	68		SW846 8270C
	ND	740	470	ug/kg	63	7.4	SW846 8270C
4-Chloroaniline	ND	740	310	ug/kg	42		SW846 8270C
	ND	740	320	ug/kg	43	2.4	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**740**	**450**	**ug/kg**	**61**		**SW846 8270C**
	ND	**740**	**430**	**ug/kg**	**59**	**3.3**	**SW846 8270C**
2-Chloronaphthalene	ND	740	430	ug/kg	58		SW846 8270C
	ND	740	410	ug/kg	56	3.8	SW846 8270C
2-Chlorophenol	**ND**	**740**	**430**	**ug/kg**	**58**		**SW846 8270C**
	ND	**740**	**420**	**ug/kg**	**57**	**1.8**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	740	460	ug/kg	63		SW846 8270C
	ND	740	440	ug/kg	59	6.4	SW846 8270C
Chrysene	ND	740	460	ug/kg	63		SW846 8270C
	ND	740	460	ug/kg	62	1.6	SW846 8270C
Dibenz(a,h)anthracene	ND	740	530	ug/kg	72		SW846 8270C
	ND	740	510	ug/kg	68	4.4	SW846 8270C
Dibenzofuran	ND	740	450	ug/kg	61		SW846 8270C
	ND	740	430	ug/kg	58	4.2	SW846 8270C
3,3'-Dichlorobenzidine	ND	740	340	ug/kg	46		SW846 8270C
	ND	740	370	ug/kg	50	9.2	SW846 8270C
2,4-Dichlorophenol	ND	740	430	ug/kg	59		SW846 8270C
	ND	740	430	ug/kg	58	1.5	SW846 8270C
Diethyl phthalate	ND	740	480	ug/kg	65		SW846 8270C
	ND	740	450	ug/kg	61	5.4	SW846 8270C
2,4-Dimethylphenol	ND	740	410	ug/kg	55		SW846 8270C
	ND	740	400	ug/kg	55	0.85	SW846 8270C
Dimethyl phthalate	ND	740	470	ug/kg	63		SW846 8270C
	ND	740	440	ug/kg	59	6.1	SW846 8270C
Di-n-butyl phthalate	ND	740	510	ug/kg	69		SW846 8270C
	ND	740	470	ug/kg	64	7.8	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	740	370	ug/kg	51		SW846 8270C
	ND	740	320	ug/kg	43	16	SW846 8270C
2,4-Dinitrophenol	ND	740	230	ug/kg	31		SW846 8270C
	ND	740	150	ug/kg	21 p	40	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4-Dinitrotoluene	**ND**	**740**	**500**	**ug/kg**	**67**		**SW846 8270C**
	ND	**740**	**470**	**ug/kg**	**64**	**5.0**	**SW846 8270C**
2,6-Dinitrotoluene	ND	740	490	ug/kg	66		SW846 8270C
	ND	740	460	ug/kg	62	6.1	SW846 8270C
Di-n-octyl phthalate	ND	740	490	ug/kg	66		SW846 8270C
	ND	740	470	ug/kg	64	4.1	SW846 8270C
Fluoranthene	ND	740	530	ug/kg	72		SW846 8270C
	ND	740	500	ug/kg	68	6.4	SW846 8270C
Fluorene	ND	740	460	ug/kg	62		SW846 8270C
	ND	740	440	ug/kg	60	4.4	SW846 8270C
Hexachlorobenzene	ND	740	510	ug/kg	69		SW846 8270C
	ND	740	470	ug/kg	64	7.3	SW846 8270C
Hexachlorobutadiene	ND	740	370	ug/kg	50		SW846 8270C
	ND	740	370	ug/kg	50	0.48	SW846 8270C
Hexachlorocyclopenta-diene	ND	740	260	ug/kg	35		SW846 8270C
	ND	740	250	ug/kg	34	4.7	SW846 8270C
Hexachloroethane	ND	740	330	ug/kg	45		SW846 8270C
	ND	740	340	ug/kg	46	0.71	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	740	540	ug/kg	72		SW846 8270C
	ND	740	500	ug/kg	67	7.2	SW846 8270C
Isophorone	ND	740	400	ug/kg	54		SW846 8270C
	ND	740	390	ug/kg	53	2.0	SW846 8270C
2-Methylnaphthalene	ND	740	480	ug/kg	65		SW846 8270C
	ND	740	480	ug/kg	65	0.43	SW846 8270C
2-Methylphenol	ND	740	430	ug/kg	58		SW846 8270C
	ND	740	440	ug/kg	59	2.0	SW846 8270C
4-Methylphenol	ND	1500	900	ug/kg	61		SW846 8270C
	ND	1500	870	ug/kg	59	2.5	SW846 8270C
Naphthalene	ND	740	400	ug/kg	54		SW846 8270C
	ND	740	380	ug/kg	52	3.4	SW846 8270C
2-Nitroaniline	ND	740	490	ug/kg	66		SW846 8270C
	ND	740	450	ug/kg	60	8.4	SW846 8270C
3-Nitroaniline	ND	740	460	ug/kg	63		SW846 8270C
	ND	740	430	ug/kg	59	6.3	SW846 8270C
4-Nitroaniline	ND	740	500	ug/kg	68		SW846 8270C
	ND	740	460	ug/kg	63	7.9	SW846 8270C
Nitrobenzene	ND	740	400	ug/kg	54		SW846 8270C
	ND	740	400	ug/kg	53	0.22	SW846 8270C
2-Nitrophenol	ND	740	410	ug/kg	55		SW846 8270C
	ND	740	400	ug/kg	54	2.9	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Nitrophenol	**ND**	**740**	**410**	**ug/kg**	**56**		**SW846 8270C**
	ND	**740**	**380**	**ug/kg**	**51**	**8.3**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**740**	**430**	**ug/kg**	**58**		**SW846 8270C**
	ND	**740**	**430**	**ug/kg**	**58**	**0.68**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	740	500	ug/kg	67		SW846 8270C
	ND	740	470	ug/kg	64	5.0	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	740	420	ug/kg	57		SW846 8270C
	ND	740	420	ug/kg	57	0.08	SW846 8270C
Pentachlorophenol	**ND**	**740**	**290**	**ug/kg**	**39**		**SW846 8270C**
	ND	**740**	**270**	**ug/kg**	**36**	**7.1**	**SW846 8270C**
Phenanthrene	ND	740	480	ug/kg	66		SW846 8270C
	ND	740	460	ug/kg	62	5.0	SW846 8270C
Phenol	**ND**	**740**	**440**	**ug/kg**	**59**		**SW846 8270C**
	ND	**740**	**430**	**ug/kg**	**58**	**1.6**	**SW846 8270C**
Pyrene	**ND**	**740**	**480**	**ug/kg**	**65**		**SW846 8270C**
	ND	**740**	**460**	**ug/kg**	**62**	**4.7**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	740	480	ug/kg	65		SW846 8270C
	ND	740	440	ug/kg	60	8.7	SW846 8270C
2,4,6-Trichloro-phenol	ND	740	460	ug/kg	62		SW846 8270C
	ND	740	410	ug/kg	56	10	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(24 - 112)
	47	(24 - 112)
2-Fluorobiphenyl	56	(34 - 110)
	53	(34 - 110)
Terphenyl-d14	77	(41 - 119)
	72	(41 - 119)
Phenol-d5	57	(28 - 110)
	54	(28 - 110)
2-Fluorophenol	62	(26 - 110)
	59	(26 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV261AE-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-004 LVV261AF-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	66	(10 - 118)
	63	(10 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV3M1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-014 LVV3M1AE-MSD
Date Sampled...: 02/17/10 13:21 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**80**	**(10 - 199)**			**SW846 8082**
	80	**(10 - 199)**	**0.33**	**(0-30)**	**SW846 8082**
Aroclor 1260	**80**	**(10 - 199)**			**SW846 8082**
	80	**(10 - 199)**	**0.30**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 196)
	79	(10 - 196)
Decachlorobiphenyl	88	(10 - 199)
	87	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV3M1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-014 LVV3M1AE-MSD
Date Sampled...: 02/17/10 13:21 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/23/10
Prep Batch #...: 0050189
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**33000**	**27000**	**ug/kg**	**80**		**SW846 8082**
	ND	**33000**	**27000**	**ug/kg**	**80**	**0.33**	**SW846 8082**
Aroclor 1260	**ND**	**33000**	**27000**	**ug/kg**	**80**		**SW846 8082**
	ND	**33000**	**27000**	**ug/kg**	**80**	**0.30**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 196)
	79	(10 - 196)
Decachlorobiphenyl	88	(10 - 199)
	87	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV3X1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-019 LVV3X1AE-MSD
Date Sampled...: 02/17/10 14:23 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**606 DIL,a**	**(10 - 199)**			**SW846 8082**
	518 DIL,a	**(10 - 199)**	**16**	**(0-30)**	**SW846 8082**
Aroclor 1260	**145 DIL**	**(10 - 199)**			**SW846 8082**
	130 DIL	**(10 - 199)**	**11**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	119 DIL	(10 - 196)
	114 DIL	(10 - 196)
Decachlorobiphenyl	135 DIL	(10 - 199)
	125 DIL	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A0B190431 **Work Order #...:** LVV3X1AD-MS **Matrix.....:** SO
MS Lot-Sample #: A0B190431-019 LVV3X1AE-MSD
Date Sampled...: 02/17/10 14:23 **Date Received..:** 02/19/10
Prep Date.....: 02/19/10 **Analysis Date..:** 02/22/10
Prep Batch #...: 0050190
Dilution Factor: 10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**2200**	**ug/kg**	**606**		**SW846 8082**
	Qualifiers:	DIL,a					
	ND	**360**	**1900**	**ug/kg**	**518**	**16**	**SW846 8082**
	Qualifiers:	DIL,a					
Aroclor 1260	**ND**	**360**	**530**	**ug/kg**	**145**		**SW846 8082**
	Qualifiers:	DIL					
	ND	**360**	**470**	**ug/kg**	**130**	**11**	**SW846 8082**
	Qualifiers:	DIL					

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	119 DIL	(10 - 196)
	114 DIL	(10 - 196)
Decachlorobiphenyl	135 DIL	(10 - 199)
	125 DIL	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0B190431 **Work Order #...:** LVVGK-SMP **Matrix.....:** SOLID
LVVGK-DUP
Date Sampled...: 02/17/10 17:16 **Date Received..:** 02/18/10
% Moisture.....: 17

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A0B180527-005		
	82.8	82.6	%	0.17	(0-20)	MCAWW 160.3 MOD	02/19-02/20/10	0050246

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0B190431 **Work Order #...:** LVV25-SMP **Matrix.....:** SO
LVV25-DUP
Date Sampled...: 02/17/10 07:58 **Date Received..:** 02/19/10
% Moisture.....: 9.8

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A0B190431-003		
	90.2	89.8	%	0.48	(0-20)	MCAWW 160.3 MOD	02/19-02/20/10	0050246

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0B190431 **Work Order #...:** LVV3M-SMP **Matrix.....:** SO
LVV3M-DUP
Date Sampled...: 02/17/10 13:21 **Date Received..:** 02/19/10
% Moisture.....: 22

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A0B190431-014		
	77.8	79.1	%	1.6	(0-20)	MCAWW 160.3 MOD	02/19-02/20/10	0050247

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0B190431 **Work Order #...:** LVV4K-SMP **Matrix.....:** SOLID
LVV4K-DUP
Date Sampled...: 02/18/10 10:45 **Date Received..:** 02/19/10
% Moisture.....: 10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A0B190435-002		
	89.7	90.4	%	0.74	(0-20)	MCAWW 160.3 MOD	02/19-02/20/10	0050247

Dilution Factor: 1