

South East Corner

Report Date:
07-Aug-06 16:54



- Final Report
- Re-Issued Report
- Revised Report

SPECTRUM ANALYTICAL, INC.

Featuring

HANIBAL TECHNOLOGY

Laboratory Report

Jacques Whitford Company, Inc.
27 Congress Street; P.O. Box 4696
Portsmouth, NH 03801
Attn: Don Moore

Project: Maspeth - Maspeth, NY
Project 1012163

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SA49013-01	MA-SW-5, 50 (22)	Soil	03-Aug-06 09:50	04-Aug-06 10:45
SA49013-02	MA-SW-5, 50 (26)	Soil	03-Aug-06 10:00	04-Aug-06 10:45
SA49013-03	MA-SSB-5, 50 (30)	Soil	03-Aug-06 10:10	04-Aug-06 10:45
SA49013-04	MA-SW-5, 47 (26)	Soil	03-Aug-06 10:30	04-Aug-06 10:45
SA49013-05	MA-SSB-5, 47 (30)	Soil	03-Aug-06 10:40	04-Aug-06 10:45
SA49013-06	MA-SW-2, 45 (26)	Soil	03-Aug-06 11:20	04-Aug-06 10:45
SA49013-07	MA-SSB-2, 45 (30)	Soil	03-Aug-06 11:30	04-Aug-06 10:45
SA49013-08	MA-SW-2, 45 (22)A	Soil	03-Aug-06 11:35	04-Aug-06 10:45
SA49013-09	MA-SSB-5, 40 (30)	Soil	03-Aug-06 12:00	04-Aug-06 10:45
SA49013-10	MA-SW-33, 44 (23)	Soil	03-Aug-06 13:15	04-Aug-06 10:45
SA49013-11	MA-SW-33, 44 (26)	Soil	03-Aug-06 13:20	04-Aug-06 10:45
SA49013-12	MA-SSB-33, 44 (30)	Soil	03-Aug-06 13:30	04-Aug-06 10:45
SA49013-13	DUPE	Soil	03-Aug-06 00:00	04-Aug-06 10:45

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.

All applicable NELAC requirements have been met.

Please note that this report contains 17 pages of analytical data plus Chain of Custody document(s).

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- Massachusetts Certification # M-MA138/MA1110
- Connecticut # PH-0777
- Florida # E87600/E87936
- Maine # MA138
- New Hampshire # 2538/2972
- New Jersey # MA011/MA012
- New York # 11393/11840
- Rhode Island # 98
- USDA # S-51435
- Vermont # VT-11393



Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method indicated. Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification
 MA-SW-5, 50 (22)
 SA49013-01

Client Project #
 1012163

Matrix
 Soil

Collection Date/Time
 03-Aug-06 09:50

Received
 04-Aug-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	29.7	1.87	1	SW846 8082	04-Aug-06	05-Aug-06	6080336	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	29.7	1.87	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	29.7	4.36	1	"	"	"	"	"
53489-21-9	PCB 1242	BRL	U	µg/kg dry	29.7	3.74	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	29.7	4.47	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	29.7	1.35	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	29.7	1.56	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	29.7	0.249	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	29.7	0.120	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	54.9			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	101			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	87.4		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample IdentificationMA-SW-5, 50 (26)
SA49013-02Client Project #

1012163

Matrix

Soil

Collection Date/Time

03-Aug-06 10:00

Received

04-Aug-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilutio</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12874-11-2	PCB 1016	BRL	U	µg/kg dry	33.5	2.11	1	SW846 8082	04-Aug-06	05-Aug-06	6080336	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	33.5	2.11	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	33.5	4.92	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	33.5	4.22	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	33.5	5.04	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	33.5	1.52	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	33.5	1.76	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	33.5	0.281	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	33.5	0.135	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	52.5			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	101			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	83.0		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit

BRL = Below Reporting Limit

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Sample Identification
 MA-SSB-5, 50 (30)
 SA49013-03

Client Project #
 1012163

Matrix
 Soil

Collection Date/Time
 03-Aug-06 10:10

Received
 04-Aug-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilutio	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	34.4	2.17	1	SW846 8082	04-Aug-06	05-Aug-06	6080336	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	34.4	2.17	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	34.4	5.06	1	"	"	"	"	"
53468-21-9	PCB 1242	BRL	U	µg/kg dry	34.4	4.34	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	34.4	5.18	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	34.4	1.57	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	34.4	1.81	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	34.4	0.289	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	34.4	0.139	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	51.5			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	101			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	84.6		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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Sample Identification

MA-SW-5, 47 (26)
SA49013-04

Client Project #
1012163

Matrix
Soil

Collection Date/Time
03-Aug-06 10:30

Received
04-Aug-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilutio</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	31.4	1.98	1	SW846 8082	04-Aug-06	05-Aug-06	6080336	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	31.4	1.98	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	31.4	4.81	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	31.4	3.96	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	31.4	4.72	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	31.4	1.43	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	31.4	1.65	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	31.4	0.264	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	31.4	0.126	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	54.1			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	104			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	84.9		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification
 MA-SSB-5, 47 (30)
 SA49013-05

Client Project #
 1012163

Matrix
 Soil

Collection Date/Time
 03-Aug-06 10:40

Received
 04-Aug-06

<u>CAS No.</u>	<u>Analyte(s)</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>*RDL</u>	<u>MDL</u>	<u>Dilutio</u>	<u>Method Ref.</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Batch</u>	<u>Analyst</u>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12874-11-2	PCB 1016	BRL	U	µg/kg dry	32.1	2.02	1	SW846 8082	04-Aug-06	05-Aug-06	6080338	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	32.1	2.02	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	32.1	4.71	1	"	"	"	"	"
53489-21-9	PCB 1242	BRL	U	µg/kg dry	32.1	4.04	1	"	"	"	"	"
12872-29-6	PCB 1248	BRL	U	µg/kg dry	32.1	4.83	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	32.1	1.48	1	"	"	"	"	"
11098-82-5	PCB 1260	BRL	U	µg/kg dry	32.1	1.88	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	32.1	0.269	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	32.1	0.129	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	53.6			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	107			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	88.4		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample IdentificationMA-SW-2, 45 (26)
SA49013-06Client Project #

1012163

Matrix

Soil

Collection Date/Time

03-Aug-06 11:20

Received

04-Aug-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Diluto</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	31.4	1.98	1	SW846 8082	04-Aug-06	05-Aug-06	6080338	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	31.4	1.98	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	31.4	4.62	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	31.4	3.96	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	31.4	4.73	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	31.4	1.43	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	31.4	1.65	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	31.4	0.264	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	31.4	0.126	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	56.1			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	104			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	82.7		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit BRL = Below Reporting Limit

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Sample Identification
 MA-SSB-2, 45 (30)
 SA49013-07

Client Project #
 1012163

Matrix
 Soil

Collection Date/Time
 03-Aug-06 11:30

Received
 04-Aug-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilutio</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	32.0	2.01	1	SW846 8082	04-Aug-06	05-Aug-06	6080338	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	32.0	2.01	1	"	"	"	"	"
11141-18-5	PCB 1232	BRL	U	µg/kg dry	32.0	4.70	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	32.0	4.03	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	32.0	4.81	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	32.0	1.46	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	32.0	1.68	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	32.0	0.269	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	32.0	0.129	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	50.9			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	92.5			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	85.5		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification
 MA-SW-2, 45 (22)A
 SA49013-08

Client Project #
 1012163

Matrix
 Soil

Collection Date/Time
 03-Aug-06 11:35

Received
 04-Aug-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilutio</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	31.1	1.96	1	SW846 8082	04-Aug-06	05-Aug-06	6080336	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	31.1	1.96	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	31.1	4.57	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	31.1	3.92	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	31.1	4.68	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	31.1	1.42	1	"	"	"	"	"
11096-82-5	PCB 1260	88.2		µg/kg dry	31.1	1.63	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	31.1	0.261	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	31.1	0.125	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	55.9			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	100			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	87.1		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification

MA-SSB-5, 40 (30)
SA49013-09

Client Project #
1012163

Matrix
Soil

Collection Date/Time
03-Aug-06 12:00

Received
04-Aug-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilutio</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	30.5	1.92	1	SW846 8082	04-Aug-06	05-Aug-06	6080338	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	30.5	1.92	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	30.5	4.47	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	30.5	3.84	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	30.5	4.58	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	30.5	1.39	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	30.5	1.80	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	30.5	0.256	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	30.5	0.123	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	52.0			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	95.1			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	88.4		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit

BRL = Below Reporting Limit

Sample Identification
 MA-SW-33, 44 (23)
 SA49013-10

Client Project #
 1012163

Matrix
 Soil

Collection Date/Time
 03-Aug-06 13:15

Received
 04-Aug-06

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Diluto	Method Ref.	Prepared	Analyzed	Batch	Analyst
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	33.4	2.10	1	SW846 8082	04-Aug-06	05-Aug-06	6080336	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	33.4	2.10	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	33.4	4.90	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	33.4	4.20	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	33.4	5.01	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	33.4	1.52	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	33.4	1.75	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	33.4	0.280	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	33.4	0.134	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	56.2			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	112			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	86.6		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification
 MA-SW-33, 44 (26)
 SA49013-11

Client Project #
 1012163

Matrix
 Soil

Collection Date/Time
 03-Aug-06 13:20

Received
 04-Aug-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilutio</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	32.9	2.07	1	SW846 8082	04-Aug-06	05-Aug-06	6080336	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	32.9	2.07	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	32.9	4.83	1	"	"	"	"	"
53489-21-9	PCB 1242	BRL	U	µg/kg dry	32.9	4.14	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	32.9	4.95	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	32.9	1.50	1	"	"	"	"	"
11098-82-5	PCB 1260	BRL	U	µg/kg dry	32.9	1.73	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	32.9	0.276	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	32.9	0.132	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	54.4			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	112			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	87.7		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification
 MA-SSB-33, 44 (30)
 SA49013-12

Client Project #
 1012163

Matrix
 Soil

Collection Date/Time
 03-Aug-06 13:30

Received
 04-Aug-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilutio</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	30.3	1.91	1	SW846 8082	04-Aug-06	05-Aug-06	6080336	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	30.3	1.91	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	30.3	4.45	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	30.3	3.82	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	30.3	4.56	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	30.3	1.38	1	"	"	"	"	"
11098-82-5	PCB 1260	BRL	U	µg/kg dry	30.3	1.59	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	30.3	0.255	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	30.3	0.122	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	53.5			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	95.0			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	88.8		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification
 DUPE
 SA49013-13

Client Project #
 1012163

Matrix
 Soil

Collection Date/Time
 03-Aug-06 00:00

Received
 04-Aug-06

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilutio</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Batch</i>	<i>Analyst</i>
Semivolatile Organic Compounds by GC												
Polychlorinated Biphenyls by SW846 8082												
Prepared by method SW846 3545A												
12674-11-2	PCB 1016	BRL	U	µg/kg dry	30.6	1.93	1	SW846 8082	04-Aug-06	05-Aug-06	6080338	SM
11104-28-2	PCB 1221	BRL	U	µg/kg dry	30.6	1.93	1	"	"	"	"	"
11141-16-5	PCB 1232	BRL	U	µg/kg dry	30.6	4.50	1	"	"	"	"	"
53469-21-9	PCB 1242	BRL	U	µg/kg dry	30.6	3.86	1	"	"	"	"	"
12672-29-6	PCB 1248	BRL	U	µg/kg dry	30.6	4.61	1	"	"	"	"	"
11097-69-1	PCB 1254	BRL	U	µg/kg dry	30.6	1.39	1	"	"	"	"	"
11096-82-5	PCB 1260	BRL	U	µg/kg dry	30.6	1.61	1	"	"	"	"	"
37324-23-5	PCB 1262	BRL	U	µg/kg dry	30.6	0.257	1	"	"	"	"	"
11100-14-4	PCB 1268	BRL	U	µg/kg dry	30.6	0.123	1	"	"	"	"	"
Surrogate recoveries:												
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	53.6			30-150 %			"	"	"	"	"
2051-24-3	Decachlorobiphenyl (Sr)	102			30-150 %			"	"	"	"	"
General Chemistry Parameters												
	% Solids	85.0		%			1	SM2540 G Mod.	04-Aug-06	04-Aug-06	6080353	MS

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* Reportable Detection Limit BRL = Below Reporting Limit

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6080336 - SW846 3545A										
Blank (6080336-BLK1)										
Prepared & Analyzed: 04-Aug-06										
PCB 1016	BRL	U	µg/kg wet	28.6						
PCB 1221	BRL	U	µg/kg wet	28.6						
PCB 1232	BRL	U	µg/kg wet	28.6						
PCB 1242	BRL	U	µg/kg wet	28.6						
PCB 1248	BRL	U	µg/kg wet	28.6						
PCB 1254	BRL	U	µg/kg wet	28.6						
PCB 1260	BRL	U	µg/kg wet	28.6						
PCB 1262	BRL	U	µg/kg wet	28.6						
PCB 1268	BRL	U	µg/kg wet	28.6						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	14.7		µg/kg wet		28.6		51.4	30-150		
Surrogate: Decachlorobiphenyl (Sr)	27.3		µg/kg wet		28.6		95.5	30-150		
LCS (6080336-BS1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
PCB 1016	356		µg/kg wet	28.6	357		99.7	40-140		30
PCB 1260	359		µg/kg wet	28.6	357		101	40-140		30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	14.1		µg/kg wet		28.6		49.3	30-150		
Surrogate: Decachlorobiphenyl (Sr)	25.1		µg/kg wet		28.6		87.8	30-150		
LCS Dup (6080336-BSD1)										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
PCB 1016	355		µg/kg wet	28.6	357		99.4	40-140	0.301	30
PCB 1260	348		µg/kg wet	28.6	357		97.5	40-140	3.53	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	28.3		µg/kg wet		28.6		99.0	30-150		
Surrogate: Decachlorobiphenyl (Sr)	41.0		µg/kg wet		28.6		143	30-150		
Duplicate (6080336-DUP1) Source: SA49014-01										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
PCB 1016	BRL	U	µg/kg dry	29.8		BRL				40
PCB 1221	BRL	U	µg/kg dry	29.8		BRL				40
PCB 1232	BRL	U	µg/kg dry	29.8		BRL				40
PCB 1242	BRL	U	µg/kg dry	29.8		BRL				40
PCB 1248	BRL	U	µg/kg dry	29.8		BRL				40
PCB 1254	BRL	U	µg/kg dry	29.8		BRL				40
PCB 1260	63.1		µg/kg dry	29.8		92.1			37.4	40
PCB 1262	BRL	U	µg/kg dry	29.8		BRL				40
PCB 1268	BRL	U	µg/kg dry	29.8		BRL				40
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	15.6		µg/kg dry		29.8		52.3	30-150		
Surrogate: Decachlorobiphenyl (Sr)	29.5		µg/kg dry		29.8		99.0	30-150		
Matrix Spike (6080336-MS1) Source: SA49014-01										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
PCB 1016	392		µg/kg dry	30.5	381	BRL	103	40-140		50
PCB 1260	453		µg/kg dry	30.5	381	92.1	94.7	40-140		50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	16.0		µg/kg dry		30.5		52.5	30-150		
Surrogate: Decachlorobiphenyl (Sr)	27.9		µg/kg dry		30.5		91.5	30-150		
Matrix Spike Dup (6080336-MSD1) Source: SA49014-01										
Prepared: 04-Aug-06 Analyzed: 05-Aug-06										
PCB 1016	375		µg/kg dry	29.6	370	BRL	101	40-140	1.96	50
PCB 1260	403		µg/kg dry	29.6	370	92.1	84.0	40-140	12.0	50
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	15.2		µg/kg dry		29.6		51.4	30-150		
Surrogate: Decachlorobiphenyl (Sr)	30.3		µg/kg dry		29.6		102	30-150		

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* Reportable Detection Limit BRL = Below Reporting Limit

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch 6080353 - Solids

Duplicate (6080353-DUP1)

Source: SA49001-06

Prepared & Analyzed: 04-Aug-06

% Solids	71.0		%			71.5			0.702	20
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* Reportable Detection Limit BRL = Below Reporting Limit

Notes and Definitions

U	Analyte included in the analysis, but not detected
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown



SPECTRA ANALYTICAL, INC.
FORMING
GENERAL CHEMISTS

CHAIN OF CUSTODY RECORD

Page 1 of 2

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed: 8/17/06
All TATs subject to laboratory approval
Min. 24-hour notification needed for rushes
Samples disposed of after 90 days unless
otherwise instructed

Report To: Proctor White & Co
47 Ganges St
Portsmouth NH 03801

Invoice To: Same

Project No.: 1012163

Project Mgr.: Denise Moore

P.O. No.: _____

Site Name: MASPETH
Location: MASPETH State: NH
Sampler(s): B Blue /DK

1=Na₂S₂O₈ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
7=CH₃OH 8=NaHSO₄ 9= _____ 10= _____

Containers: _____

Analyses: _____

DW=Drinking Water GW=Groundwater W.W.=Wastewater
O=Oil SW=Surface Water SO=Soil SI=Sludge A=Air
X1= _____ X2= _____ X3= _____

QA Reporting Notes:
(check if needed)
 Provide VIA DEP MP CAVI Report
 Provide C1 DPH RCP Report
QA/RP Reporting Level
 Standard No CC
 Other: NYSDEC
State specific reporting standards

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic
01	MA-SW-5-SO(2)	8/15/06	9:50	G	SO		1	1		
02	MA-SW-5-SO(2)	8/15/06	10:00	G	SO		1	1		
03	MA-SW-5-SO(2)	8/15/06	10:10	G	SO		1	1		
04	MA-SW-5-47(2)	8/15/06	10:30	G	SO		1	1		
05	MA-SW-5-47(2)	8/15/06	10:40	G	SO		1	1		
06	MA-SW-2-48(2)	8/15/06	11:00	G	SO		1	1		
07	MA-SW-2-48(2)	8/15/06	11:30	G	SO		1	1		
08	MA-SW-2-48(2)	8/15/06	11:35	G	SO		1	1		
09	MA-SW-5-10(2)	8/15/06	12:00	G	SO		1	1		
10	MA-SW-33-41(2)	8/15/06	13:15	G	SO		1	1		

Relinquished by: [Signature] Date: 8/16/06 Time: 14:30

Received by: [Signature] Date: 8/16/06 Time: 15:30

Condition upon receipt: Cooled Ambient %
 EDD Form: 3



SPECTRUM ANALYTICAL, INC.
7 Adams
HANNAH TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:

- Standard TAT - 7 to 10 business days
- Rush TAT - Date Needed 8/7/06
- All TATs subject to laboratory approval
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

5 AUG 2015

Report To: Stevens Whiteford Co

27 Congress St
Pactonville NH 03801

Project Mgr: Donna Mee

Invoice To: SRM

Project No.: 1012163

1=Na₂S₂O₃ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid
7=CH₃OH 8=NaHSO₄ 9=10-

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A Air
X1= X2= X3=

G=Grab C=Composite

P.O. No.:

Site Name: MARSH

Location: MARSH

Sampler(s): 3 Blue/10c

Containers: RUN

Analyses:

QA Reporting Notes:
(check if needed)

- Provide MA DEP MCP CAM Report
- Provide CT DEP RCP Report
- QA/QC Reporting Level
- Standard No. QC
- Other AMS/DEC
- Level B
- State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Containers:	Analyses:	QA Reporting Notes:
9103-11	WA-SW-33 (K26)	8/5/06	1330	G	SO		1	1					
1-12	WA-SW-33 (K6)	8/5/06	1330	G	SO		1	1					
1-13	DUPE	8/5/06		G	SO		1	1					

Relinquished by: [Signature] Date: 8/4/06 Time: 1430

Received by: [Signature] Date: 8/4/06 Time: 1430

Condition upon receipt: Filled Ambient °C 3

EDD Format: