YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Satin American Corporation
40 Oliver Terrace, P.O. Box 619
Shelton CT, 06484-0619
Attention: Leo Disorbo

Report Date: 05/23/2012
Client Project ID: Site Remediation May 2012
York Project (SDG) No.: 12E0538

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120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 05/23/2012
Client Project ID: Site Remediation May 2012
York Project (SDG) No.: 12E0538

Satin American Corporation
40 Oliver Terrace, P.O. Box 619
Shelton CT, 06484-0619
Attention: Leo Disorbo

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 15, 2012 and listed below. The project was identified as your project: **Site Remediation May 2012**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12E0538-01	P-88 (1-2)	Soil	05/15/2012	05/15/2012
12E0538-02	P-61 (.3-.6)	Soil	05/15/2012	05/15/2012
12E0538-03	P-61 (1-2)	Soil	05/15/2012	05/15/2012
12E0538-04	P-61 (2-3)	Soil	05/15/2012	05/15/2012
12E0538-05	P-61 (3-3.5)	Soil	05/15/2012	05/15/2012
12E0538-06	P-60 (.3-.6)	Soil	05/15/2012	05/15/2012
12E0538-07	P-60 (1-2)	Soil	05/15/2012	05/15/2012
12E0538-08	P-60 (2-3)	Soil	05/15/2012	05/15/2012
12E0538-09	P-58 (.3-.6)	Soil	05/15/2012	05/15/2012
12E0538-10	P-58 (1-2)	Soil	05/15/2012	05/15/2012
12E0538-11	P-58 (2-3)	Soil	05/15/2012	05/15/2012

General Notes for York Project (SDG) No.: 12E0538

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: **Date:** 05/23/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

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Sample Information

Client Sample ID: **P-88 (1-2)** **York Sample ID:** **12E0538-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:21 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW
12672-29-6	**Aroclor 1248**	**0.152**		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW
11096-82-5	**Aroclor 1260**	**0.0604**		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW
1336-36-3	**Total PCBs**	**0.213**		mg/kg dry	0.0292	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:33	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*107 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.3 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**85.6**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

Sample Information

Client Sample ID: **P-61 (.3-.6)** **York Sample ID:** **12E0538-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:25 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW

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Sample Information

Client Sample ID: **P-61 (.3-.6)** **York Sample ID:** **12E0538-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:25 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	Total PCBs	ND		mg/kg dry	0.0283	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:11	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.3 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**88.4**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

Sample Information

Client Sample ID: **P-61 (1-2)** **York Sample ID:** **12E0538-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:26 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW
11096-82-5	**Aroclor 1260**	**0.0534**		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW
1336-36-3	**Total PCBs**	**0.0534**		mg/kg dry	0.0305	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 01:50	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*124 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.6 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**82.0**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

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Sample Information

Client Sample ID: P-61 (2-3) **York Sample ID:** 12E0538-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:27 pm	05/15/2012

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	7.7	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	7.7	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	7.7	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
78-93-3	2-Butanone	ND		ug/kg dry	7.7	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
67-64-1	Acetone	ND		ug/kg dry	7.7	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
71-43-2	Benzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
75-25-2	Bromoform	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS

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Sample Information

Client Sample ID: P-61 (2-3) **York Sample ID:** 12E0538-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:27 pm	05/15/2012

Volatile Organics, CT RCP List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
67-66-3	Chloroform	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
75-09-2	Methylene chloride	ND		ug/kg dry	7.7	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
91-20-3	Naphthalene	ND		ug/kg dry	7.7	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	7.7	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
100-42-5	Styrene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
109-99-9	Tetrahydrofuran	ND		ug/kg dry	7.7	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
108-88-3	Toluene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: P-61 (2-3) **York Sample ID:** 12E0538-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:27 pm	05/15/2012

Volatile Organics, CT RCP List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.9	0.67	SW8260B	05/17/2012 08:17	05/17/2012 18:52	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.7 %*	*70-130*

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0288	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 02:29	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*114 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.6 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**86.7**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

Sample Information

Client Sample ID: P-61 (3-3.5) **York Sample ID:** 12E0538-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:28 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW

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Sample Information

Client Sample ID: **P-61 (3-3.5)** **York Sample ID:** **12E0538-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:28 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0274	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:08	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.7 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**91.2**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

Sample Information

Client Sample ID: **P-60 (.3-.6)** **York Sample ID:** **12E0538-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:32 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW
11096-82-5	**Aroclor 1260**	**0.0786**		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW
1336-36-3	**Total PCBs**	**0.0786**		mg/kg dry	0.0276	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 03:46	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*115 %*	*30-150*

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **P-60 (.3-.6)** **York Sample ID:** **12E0538-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:32 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.1 %*			*30-150*					

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.6**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

Sample Information

Client Sample ID: **P-60 (1-2)** **York Sample ID:** **12E0538-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:33 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0269	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 04:25	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*115 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.6 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**93.1**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

Sample Information

Client Sample ID: **P-60 (2-3)** **York Sample ID:** **12E0538-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 1:34 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0261	1	EPA SW 846-8082	05/22/2012 06:32	05/22/2012 21:17	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.6 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**95.7**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

Sample Information

Client Sample ID: **P-58 (.3-.6)** **York Sample ID:** **12E0538-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 2:19 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW

Sample Information

Client Sample ID: P-58 (.3-.6) **York Sample ID:** 12E0538-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 2:19 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	Total PCBs	ND		mg/kg dry	0.0260	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:18	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.6 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**96.0**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

Sample Information

Client Sample ID: P-58 (1-2) **York Sample ID:** 12E0538-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 2:20 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0262	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 23:59	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.1 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**95.6**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **P-58 (2-3)** **York Sample ID:** **12E0538-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0538	Site Remediation May 2012	Soil	May 15, 2012 2:21 pm	05/15/2012

Polychlorinated Biphenyls (Soxhlet Extraction)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3540C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW
11096-82-5	**Aroclor 1260**	**0.152**		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW
1336-36-3	**Total PCBs**	**0.152**		mg/kg dry	0.0275	1	EPA SW 846-8082	05/22/2012 06:32	05/23/2012 00:41	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.9**		%	0.100	1	SM 2540G	05/17/2012 16:42	05/17/2012 16:42	AMC

REASONABLE CONFIDENCE PROTOCOL

LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	York Analytical Laboratories, Inc.	*Client:*	Satin American Corporation
Project Location:	Site Remediation May 2012	*Lab Project No.:*	**12E0538**
Laboratory Sample ID(s):	12E0538-01 - 12E0538-11	*Sampling Date(s):*	05/15/2012 - 05/15/2012

RCP Methods Used: See Narrative and Method Reference Section of this Technical Report

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP RCPs)?	YES
1A	Were the method specified preservation and holding time requirements met?	YES
1B	VPH and EPH Methods only: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	NR
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	NO
5A	Were reporting limits specified or referenced on the chain-of-custody?	YES
5B	Were these reporting limits met?	YES
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	YES
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	YES

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to questions #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Robert Q. Bradley

Position: Executive Vice President & Laboratory Director

Printed Name: Robert Q. Bradley

Date: 05/23/2012

YORK

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

YORK
ANALYTICAL LABORATORIES, INC.

Case Narrative

Client: Satin American Corporation
Client Project ID: Site Remediation May 2012
Prepared for: Leo Disorbo

Introduction

This Case Narrative applies to the following samples submitted to our laboratory on **5/15/2012 5:20:00 PM** :

P-58 (.3-.6)	**Soil**
P-58 (1-2)	**Soil**
P-58 (2-3)	**Soil**
P-60 (.3-.6)	**Soil**
P-60 (1-2)	**Soil**
P-60 (2-3)	**Soil**
P-61 (.3-.6)	**Soil**
P-61 (1-2)	**Soil**
P-61 (2-3)	**Soil**
P-61 (3-3.5)	**Soil**
P-88 (1-2)	**Soil**

The 11 sample(s) were received intact in a custody-sealed cooler unless otherwise noted. Upon receipt, the temperature of the cooler was determined. The cooler temperature was acceptable (2-6oC) and measured: Cooler 4 C at time of receipt as measured by a NIST traceable digital infrared thermometer. Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

Preparation and analysis were conducted according to the SW-846 methods, as detailed in the sample information table, and the requirements of the State of Connecticut Reasonable Confidence Protocols (RCP).

Volatile Organics (RCP List)

No problems were encountered with analysis of the samples other than as described below. Analysis acceptance criteria were achieved and the reporting requirements as detailed in the RCP protocols for volatiles by method 8260 dated July, 2006, Version 3.0, pages 8 through 11 are included herein.

Initial Calibration

In the initial calibration for method V2C00328, dichlorodifluoromethane, acrylonitrile, methylene chloride, acetone, 2-butanone, dibromomethane, 2-hexanone, 4-methyl-2-pentanone, bromoform, 1,2,3-trichloropropane, 1,2-dibromo-3-chloropropane, naphthalene, and 1,2,3-trichlorobenzene exceeded 15% RSD. All samples were run using this method.

Initial Calibration Verification

In the initial calibration verification, dichlorodifluoromethane, acrylonitrile, acetone and tert-butylbenzene recovered

outside the 80-120% window.

Continuing Calibration Verification

In the continuing calibration verification, the recoveries of dichlorodifluoromethane, and 2-butanone exceeded 30% difference.

Method Blank

No target compound was detected at or above the RL in the method blank.

Batch QC

An LCS/LCS Dup was used as batch QC for this project. No site-specific sample was used. Please refer to the Quality Control Data attached to this report for bias information.

Dilutions

All analyte reporting limits were met.

PCBs

No problems were encountered during analysis of the samples.

Batch QC

The site-specific sample "P-60(2-3)" was used as MS/MS Dup for this project. Please refer to the Quality Control Data attached to this report for bias information.

Dilutions

All analyte reporting limits were met.

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BE20714 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12E0538-01	P-88 (1-2)	05/17/12
12E0538-02	P-61 (.3-.6)	05/17/12
12E0538-03	P-61 (1-2)	05/17/12
12E0538-04	P-61 (2-3)	05/17/12
12E0538-05	P-61 (3-3.5)	05/17/12
12E0538-06	P-60 (.3-.6)	05/17/12
12E0538-07	P-60 (1-2)	05/17/12
12E0538-08	P-60 (2-3)	05/17/12
12E0538-09	P-58 (.3-.6)	05/17/12
12E0538-10	P-58 (1-2)	05/17/12
12E0538-11	P-58 (2-3)	05/17/12

Batch ID: BE20716 **Preparation Method:** EPA 5035B **Prepared By:** VRL

YORK Sample ID	Client Sample ID	Preparation Date
12E0538-04	P-61 (2-3)	05/17/12
BE20716-BLK1	Blank	05/17/12
BE20716-BS1	LCS	05/17/12
BE20716-BSD1	LCS Dup	05/17/12

Batch ID: BE20843 **Preparation Method:** EPA SW846-3540C **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
12E0538-01	P-88 (1-2)	05/22/12
12E0538-02	P-61 (.3-.6)	05/22/12
12E0538-03	P-61 (1-2)	05/22/12
12E0538-04	P-61 (2-3)	05/22/12
12E0538-05	P-61 (3-3.5)	05/22/12
12E0538-06	P-60 (.3-.6)	05/22/12
12E0538-07	P-60 (1-2)	05/22/12
12E0538-08	P-60 (2-3)	05/22/12
12E0538-09	P-58 (.3-.6)	05/22/12
12E0538-10	P-58 (1-2)	05/22/12
12E0538-11	P-58 (2-3)	05/22/12
BE20843-BLK1	Blank	05/22/12
BE20843-BS1	LCS	05/22/12
BE20843-MS1	Matrix Spike	05/22/12
BE20843-MSD1	Matrix Spike Dup	05/22/12

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20716 - EPA 5035B											
Blank (BE20716-BLK1)								Prepared & Analyzed: 05/17/2012			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	10	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	10	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl Methacrylate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20716 - EPA 5035B											
Blank (BE20716-BLK1)							Prepared & Analyzed: 05/17/2012				
n-Propylbenzene	ND	5.0	ug/kg wet								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.0*		*104*	*70-130*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.9*	*70-130*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.5*	*70-130*				
LCS (BE20716-BS1)							Prepared & Analyzed: 05/17/2012				
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	70-130				
1,1,1-Trichloroethane	60		"	50.0		119	70-130				
1,1,2,2-Tetrachloroethane	50		"	50.0		101	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	59		"	50.0		117	70-130				
1,1,2-Trichloroethane	54		"	50.0		107	70-130				
1,1-Dichloroethane	60		"	50.0		120	70-130				
1,1-Dichloroethylene	58		"	50.0		115	70-130				
1,1-Dichloropropylene	61		"	50.0		122	70-130				
1,2,3-Trichlorobenzene	61		"	50.0		122	70-130				
1,2,3-Trichloropropane	58		"	50.0		116	70-130				
1,2,4-Trichlorobenzene	61		"	50.0		122	70-130				
1,2,4-Trimethylbenzene	54		"	50.0		108	70-130				
1,2-Dibromo-3-chloropropane	52		"	50.0		103	70-130				
1,2-Dibromoethane	58		"	50.0		117	70-130				
1,2-Dichlorobenzene	52		"	50.0		103	70-130				
1,2-Dichloroethane	62		"	50.0		124	70-130				
1,2-Dichloropropane	53		"	50.0		106	70-130				
1,3,5-Trimethylbenzene	53		"	50.0		106	70-130				
1,3-Dichlorobenzene	53		"	50.0		106	70-130				
1,3-Dichloropropane	55		"	50.0		110	70-130				
1,4-Dichlorobenzene	53		"	50.0		107	70-130				
2,2-Dichloropropane	60		"	50.0		121	70-130				
2-Butanone	49		"	50.0		98.2	70-130				
2-Chlorotoluene	53		"	50.0		106	70-130				
2-Hexanone	47		"	50.0		95.0	70-130				
4-Chlorotoluene	52		"	50.0		103	70-130				
4-Methyl-2-pentanone	48		"	50.0		95.8	70-130				
Acetone	29		"	50.0		57.2	70-130	Low Bias			
Acrylonitrile	60		"	50.0		120	70-130				
Benzene	58		"	50.0		117	70-130				
Bromobenzene	51		"	50.0		101	70-130				
Bromochloromethane	56		"	50.0		113	70-130				
Bromodichloromethane	56		"	50.0		112	70-130				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20716 - EPA 5035B											
LCS (BE20716-BS1)							Prepared & Analyzed: 05/17/2012				
Bromoform	53		ug/L	50.0		106	70-130				
Bromomethane	65		"	50.0		131	70-130	High Bias			
Carbon disulfide	100		"	100		101	70-130				
Carbon tetrachloride	62		"	50.0		124	70-130				
Chlorobenzene	55		"	50.0		109	70-130				
Chloroethane	57		"	50.0		113	70-130				
Chloroform	59		"	50.0		118	70-130				
Chloromethane	49		"	50.0		98.3	70-130				
cis-1,2-Dichloroethylene	59		"	50.0		119	70-130				
cis-1,3-Dichloropropylene	52		"	50.0		103	70-130				
Dibromochloromethane	55		"	50.0		109	70-130				
Dibromomethane	57		"	50.0		115	70-130				
Dichlorodifluoromethane	58		"	50.0		116	70-130				
Ethyl Benzene	57		"	50.0		113	70-130				
Hexachlorobutadiene	58		"	50.0		116	70-130				
Isopropylbenzene	57		"	50.0		113	70-130				
Methyl Methacrylate	56		"	50.0		112	70-130				
Methyl tert-butyl ether (MTBE)	63		"	50.0		126	70-130				
Methylene chloride	45		"	50.0		90.7	70-130				
Naphthalene	59		"	50.0		119	70-130				
n-Butylbenzene	51		"	50.0		103	70-130				
n-Propylbenzene	52		"	50.0		104	70-130				
o-Xylene	53		"	50.0		105	70-130				
p- & m- Xylenes	100		"	100		105	70-130				
p-Isopropyltoluene	54		"	50.0		108	70-130				
sec-Butylbenzene	52		"	50.0		103	70-130				
Styrene	54		"	50.0		108	70-130				
tert-Butylbenzene	65		"	50.0		130	70-130				
Tetrachloroethylene	58		"	50.0		117	70-130				
Tetrahydrofuran	51		"	50.0		101	70-130				
Toluene	53		"	50.0		106	70-130				
trans-1,2-Dichloroethylene	59		"	50.0		118	70-130				
trans-1,3-Dichloropropylene	53		"	50.0		107	70-130				
trans-1,4-dichloro-2-butene	52		"	50.0		104	70-130				
Trichloroethylene	54		"	50.0		108	70-130				
Trichlorofluoromethane	57		"	50.0		115	70-130				
Vinyl Chloride	53		"	50.0		106	70-130				
Surrogate: 1,2-Dichloroethane-d4	*53.6*		*"*	*50.0*		*107*	*70-130*				
Surrogate: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*70-130*				
Surrogate: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*70-130*				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20716 - EPA 5035B											
LCS Dup (BE20716-BSD1)								Prepared & Analyzed: 05/17/2012			
1,1,1,2-Tetrachloroethane	58		ug/L	50.0		117	70-130		3.51	30	
1,1,1-Trichloroethane	58		"	50.0		117	70-130		2.19	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		105	70-130		4.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	57		"	50.0		115	70-130		1.85	30	
1,1,2-Trichloroethane	55		"	50.0		111	70-130		3.34	30	
1,1-Dichloroethane	58		"	50.0		116	70-130		3.40	30	
1,1-Dichloroethylene	57		"	50.0		114	70-130		1.40	30	
1,1-Dichloropropylene	60		"	50.0		120	70-130		2.05	30	
1,2,3-Trichlorobenzene	62		"	50.0		123	70-130		0.783	30	
1,2,3-Trichloropropane	55		"	50.0		111	70-130		4.58	30	
1,2,4-Trichlorobenzene	62		"	50.0		124	70-130		1.98	30	
1,2,4-Trimethylbenzene	54		"	50.0		109	70-130		0.589	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		103	70-130		0.310	30	
1,2-Dibromoethane	60		"	50.0		119	70-130		2.41	30	
1,2-Dichlorobenzene	54		"	50.0		107	70-130		3.44	30	
1,2-Dichloroethane	61		"	50.0		122	70-130		1.79	30	
1,2-Dichloropropane	55		"	50.0		111	70-130		4.68	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	70-130		2.51	30	
1,3-Dichlorobenzene	54		"	50.0		109	70-130		2.49	30	
1,3-Dichloropropane	57		"	50.0		113	70-130		3.25	30	
1,4-Dichlorobenzene	56		"	50.0		111	70-130		3.85	30	
2,2-Dichloropropane	58		"	50.0		116	70-130		3.78	30	
2-Butanone	48		"	50.0		95.1	70-130		3.21	30	
2-Chlorotoluene	53		"	50.0		106	70-130		0.264	30	
2-Hexanone	47		"	50.0		94.7	70-130		0.253	30	
4-Chlorotoluene	52		"	50.0		105	70-130		1.19	30	
4-Methyl-2-pentanone	49		"	50.0		98.5	70-130		2.72	30	
Acetone	28		"	50.0		56.5	70-130	Low Bias	1.37	30	
Acrylonitrile	56		"	50.0		112	70-130		6.71	30	
Benzene	58		"	50.0		115	70-130		1.31	30	
Bromobenzene	51		"	50.0		102	70-130		0.846	30	
Bromochloromethane	55		"	50.0		109	70-130		3.19	30	
Bromodichloromethane	57		"	50.0		114	70-130		2.09	30	
Bromoform	56		"	50.0		112	70-130		5.64	30	
Bromomethane	67		"	50.0		134	70-130	High Bias	2.52	30	
Carbon disulfide	97		"	100		97.1	70-130		3.69	30	
Carbon tetrachloride	61		"	50.0		122	70-130		1.58	30	
Chlorobenzene	56		"	50.0		112	70-130		2.65	30	
Chloroethane	56		"	50.0		111	70-130		1.68	30	
Chloroform	57		"	50.0		115	70-130		3.08	30	
Chloromethane	47		"	50.0		93.8	70-130		4.70	30	
cis-1,2-Dichloroethylene	60		"	50.0		120	70-130		0.688	30	
cis-1,3-Dichloropropylene	53		"	50.0		106	70-130		2.50	30	
Dibromochloromethane	57		"	50.0		113	70-130		3.47	30	
Dibromomethane	60		"	50.0		120	70-130		4.83	30	
Dichlorodifluoromethane	56		"	50.0		112	70-130		3.46	30	
Ethyl Benzene	58		"	50.0		116	70-130		2.58	30	
Hexachlorobutadiene	59		"	50.0		118	70-130		1.76	30	
Isopropylbenzene	57		"	50.0		114	70-130		0.510	30	
Methyl Methacrylate	58		"	50.0		117	70-130		4.72	30	
Methyl tert-butyl ether (MTBE)	60		"	50.0		121	70-130		4.23	30	
Methylene chloride	44		"	50.0		88.5	70-130		2.46	30	
Naphthalene	63		"	50.0		125	70-130		5.38	30	
n-Butylbenzene	53		"	50.0		106	70-130		3.18	30	

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20716 - EPA 5035B											
LCS Dup (BE20716-BSD1)								Prepared & Analyzed: 05/17/2012			
n-Propylbenzene	51		ug/L	50.0		102	70-130		1.11	30	
o-Xylene	53		"	50.0		107	70-130		1.46	30	
p- & m- Xylenes	110		"	100		108	70-130		2.65	30	
p-Isopropyltoluene	56		"	50.0		113	70-130		4.04	30	
sec-Butylbenzene	52		"	50.0		104	70-130		0.656	30	
Styrene	54		"	50.0		107	70-130		0.800	30	
tert-Butylbenzene	67		"	50.0		134	70-130	High Bias	2.52	30	
Tetrachloroethylene	61		"	50.0		121	70-130		3.92	30	
Tetrahydrofuran	49		"	50.0		98.9	70-130		2.50	30	
Toluene	54		"	50.0		109	70-130		2.91	30	
trans-1,2-Dichloroethylene	57		"	50.0		114	70-130		4.09	30	
trans-1,3-Dichloropropylene	55		"	50.0		111	70-130		3.67	30	
trans-1,4-dichloro-2-butene	54		"	50.0		108	70-130		3.57	30	
Trichloroethylene	57		"	50.0		114	70-130		5.39	30	
Trichlorofluoromethane	56		"	50.0		113	70-130		1.78	30	
Vinyl Chloride	51		"	50.0		102	70-130		3.70	30	
Surrogate: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*70-130*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*70-130*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*70-130*				

YORK
ANALYTICAL LABORATORIES, INC.

Polychlorinated Biphenyls (PCB) by EPA SW 846-8082/EPA Compendium Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20843 - EPA SW846-3540C											
Blank (BE20843-BLK1)							Prepared & Analyzed: 05/22/2012				
Aroclor 1016	ND	0.0250	mg/kg wet								
Aroclor 1221	ND	0.0250	"								
Aroclor 1232	ND	0.0250	"								
Aroclor 1242	ND	0.0250	"								
Aroclor 1248	ND	0.0250	"								
Aroclor 1254	ND	0.0250	"								
Aroclor 1260	ND	0.0250	"								
Aroclor 1262	ND	0.0250	"								
Aroclor 1268	ND	0.0250	"								
Total PCBs	ND	0.0250	"								
Surrogate: Tetrachloro-m-xylene	*0.0610*		*"*	*0.100*		*60.7*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0895*		*"*	*0.100*		*89.5*	*30-150*				
LCS (BE20843-BS1)							Prepared & Analyzed: 05/22/2012				
Aroclor 1016	0.320	0.0250	mg/kg wet	0.500		64.0	40-140				
Aroclor 1260	0.442	0.0250	"	0.500		88.4	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0590*		*"*	*0.100*		*58.7*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0860*		*"*	*0.100*		*86.0*	*30-150*				
Matrix Spike (BE20843-MS1)	*Source sample: 12E0538-08 (P-60 (2-3))						Prepared & Analyzed: 05/22/2012				
Aroclor 1016	0.247	0.0261	mg/kg dry	0.261	ND	94.6	40-140				
Aroclor 1260	0.225	0.0261	"	0.261	ND	86.3	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0873*		*"*	*0.105*		*83.1*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0820*		*"*	*0.105*		*78.5*	*30-150*				
Matrix Spike Dup (BE20843-MSD1)	*Source sample: 12E0538-08 (P-60 (2-3))						Prepared: 05/22/2012 Analyzed: 05/23/2012				
Aroclor 1016	0.247	0.0261	mg/kg dry	0.261	ND	94.4	40-140		0.212	50	
Aroclor 1260	0.224	0.0261	"	0.261	ND	85.6	40-140		0.838	50	
Surrogate: Tetrachloro-m-xylene	*0.0752*		*"*	*0.105*		*71.6*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0732*		*"*	*0.105*		*70.0*	*30-150*				

Notes and Definitions

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

12ED538

CHAIN OF CUSTODY RECORD

Temp 9 Pg 9 of 10

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☒ Email: DJones@Lbgct.com

Customer: LBG, Inc
Address: 6 Executive Drive, Farmington, CT

Project: Satin
Report to: Darrick Jones
Invoice to: " "

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5-15-12

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
SE=Sediment **SL**=Sludge **S**=Soil/Solid **W**=Wipe **O**=Other

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	PCBs by Soxhlet extract	VOCs	Soil VOA Vials [✓] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	P-87(6-7)	S	5-15-12	1305	X			1								
	P-87(7-8)			1306	X			1								
	P-88(.3-.6)			1320	X			1								
	P-88(1-2)			1321	X			1								
	P-61(.3-.6)			1325	X			1								
	P-601(1-2)			1326	X			1								
	P-601(2-3)			1327	X	X	3	1								
	P-601(3-3.5)			1328	X			1								
	P-60(.3-.6)			1332	X			1								
	P-60(1-2)			1333	X			1								
	P-60(2-3)			1334	X			1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-15-12	1700
	[signature]	5-15-12	1720
			@ 4.0

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☒ RCP Cert
☐ GW Protection
☐ SW Protection
☒ GA Mobility
☐ GB Mobility
☒ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp

Data Delivery:
- [ ] Fax #:
- [x] Email: DJones@LBG-ct.com

Customer: LBG, Inc
Address: 6 Executive Drive
Farmington, CT

Project: Satin
Report to: Darrick Jones
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 5-14-12

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	PCBs by Soxhlet extract	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	P-58 (.3-.6)	S	5-15-12	1419	X		1								
	P-58 (1-2)	↓	↓	1420	X		1								
	P-58 (2-3)	↓	↓	1421	X		1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-15-12	1700
	[signature]	5-15-12	1720
			@ 4.0

Comments, Special Requirements or Regulations:

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [x] Standard
- [ ] Other

* SURCHARGE APPLIES

CT/RI
- [x] RCP Cert.
- [ ] GW Protect.
- [x] GA Mobility
- [ ] GB Mobility
- [ ] SW Protect.
- [ ] Res. Vol.
- [ ] Ind. Vol.
- [x] Res. Criteria
- [ ] Other

MA
- [ ] MCP Cert.
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

Data Format
- [x] Excel
- [x] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] ASP-A
- [ ] NJ Reduced Deliv. *
- [ ] NJ Hazsite EDD
- [ ] Phoenix Std Report
- [ ] Other

State where samples were collected: CT