

## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Wipe
Fibertec Project Number:	35163	Sample Number:	35163-062

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	1074 R 36
Project Number:	NA	Client Sample Number:	62
Sample Date:	7/21/2009	Chain of Custody Number:	89216

Comments:

<b>Definitions/Qualifiers:</b> A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Polychlorinated Biphenyls (PCBs) (EPA 8082)</b>								
Aroclor-1016	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1221	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1232	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1242	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1248	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1254	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1260	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1262	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1268	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA

D0825



## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Wipe
Fibertec Project Number:	35163	Sample Number:	35163-063

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	1074 R 37
Project Number:	NA	Client Sample Number:	63
Sample Date:	7/21/2009	Chain of Custody Number:	89216

Comments:

<b>Definitions/ Qualifiers:</b>	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Polychlorinated Biphenyls (PCBs) (EPA 8082)</b>								
Aroclor-1016	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1221	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1232	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1242	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1248	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1254	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1260	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1262	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1268	U	µg/100 cm2	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA

D0826



## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Wipe
Fibertec Project Number:	35163	Sample Number:	35163-064

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	FIELD BLANK 5
Project Number:	NA	Client Sample Number:	64
Sample Date:	7/21/2009	Chain of Custody Number:	89216

**Comments:**

<b>Definitions/Qualifiers:</b> A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Polychlorinated Biphenyls (PCBs) (EPA 8082)</b>								
Aroclor-1016	U	µg/100 cm <sup>2</sup>	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1221	U	µg/100 cm <sup>2</sup>	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1232	U	µg/100 cm <sup>2</sup>	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1242	U	µg/100 cm <sup>2</sup>	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1248	U	µg/100 cm <sup>2</sup>	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1254	U	µg/100 cm <sup>2</sup>	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1260	U	µg/100 cm <sup>2</sup>	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1262	U	µg/100 cm <sup>2</sup>	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA
Aroclor-1268	U	µg/100 cm <sup>2</sup>	5.0	1	PS09G27C	7/27/2009	7/28/2009	BDA

D0827



## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Ground Water
Fibertec Project Number:	35163	Sample Number:	35163-065

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	TRIP BLANK
Project Number:	NA	Client Sample Number:	65
Sample Date:	7/21/2009	Chain of Custody Number:	89216

**Comments:**

<b>Definitions/Qualifiers:</b> A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)</b>								
Acetone	U	µg/L	50	1	VB09G30A	7/30/2009	7/30/2009	BAG
Acrylonitrile	U	µg/L	2.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Benzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Bromobenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Bromochloromethane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Bromodichloromethane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Bromoform	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Bromomethane	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
2-Butanone	U	µg/L	25	1	VB09G30A	7/30/2009	7/30/2009	BAG
n-Butylbenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
sec-Butylbenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
tert-Butylbenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Carbon Disulfide	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Carbon Tetrachloride	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Chlorobenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Chloroethane	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Chloroform	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Chloromethane	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
2-Chlorotoluene	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Dibromochloromethane	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG

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## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Ground Water
Fibertec Project Number:	35163	Sample Number:	35163-065

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	TRIP BLANK
Project Number:	NA	Client Sample Number:	65
Sample Date:	7/21/2009	Chain of Custody Number:	89216

**Comments:**

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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)</b>								
1,2-Dibromo-3-chloropropane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Dibromomethane	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,2-Dichlorobenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,3-Dichlorobenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,4-Dichlorobenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Dichlorodifluoromethane	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,1-Dichloroethane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,2-Dichloroethane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,1-Dichloroethene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
cis-1,2-Dichloroethene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
trans-1,2-Dichloroethene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,2-Dichloropropane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
cis-1,3-Dichloropropene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
trans-1,3-Dichloropropene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Ethylbenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Ethylene Dibromide	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
2-Hexanone	U	µg/L	50	1	V909G30A	7/30/2009	7/30/2009	BAG
Methyl Iodide	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Isopropylbenzene	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
4-Methyl-2-pentanone	U	µg/L	50	1	V909G30A	7/30/2009	7/30/2009	BAG

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## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Ground Water
Fibertec Project Number:	35163	Sample Number:	35163-065

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	TRIP BLANK
Project Number:	NA	Client Sample Number:	65
Sample Date:	7/21/2009	Chain of Custody Number:	89216

**Comments:**

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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)</b>								
Methylene Chloride	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
2-Methylnaphthalene	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
MTBE	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Naphthalene	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
n-Propylbenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Styrene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,1,1,2-Tetrachloroethane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,1,2,2-Tetrachloroethane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Tetrachloroethene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Toluene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,2,4-Trichlorobenzene	U	µg/L	5.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,1,1-Trichloroethane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,1,2-Trichloroethane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Trichloroethene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Trichlorofluoromethane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,2,3-Trichloropropane	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,2,3-Trimethylbenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,2,4-Trimethylbenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
1,3,5-Trimethylbenzene	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG
Vinyl Chloride	U	µg/L	1.0	1	V909G30A	7/30/2009	7/30/2009	BAG

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## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Ground Water
Fibertec Project Number:	35163	Sample Number:	35163-065

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	TRIP BLANK
Project Number:	NA	Client Sample Number:	65
Sample Date:	7/21/2009	Chain of Custody Number:	89216

**Comments:**

<b>Definitions/Qualifiers:</b> A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Volatile Organic Compounds (VOCs) by GC/MS (EPA 5030B/EPA 8260B)</b>								
Xylenes	U	µg/L	3.0	1	V909G30A	7/30/2009	7/30/2009	BAG

D0831



QUALITY ASSURANCE REPORT  
for  
LABORATORY BATCH NUMBER

ps09g24a

SEMI-VOLATILES

Sample Matrix: **WIPE, TOTAL**      Preparation Method: **SOP S-130**      Analytical Method: **SW-846 8082A**  
 Inclusive Projects: **VARIOUS**      Preparation Date: **7/24/2009**      Analysis Date: **7/24/2009**  
 Preparer(s) Initials: **BDA**      Preparer(s) Initials: **BDA**

TCMX (S)	ug/Wipe	Matrix Blank		Lab. Control (S)		Lab. Control (S)		Lab. Control (S)		Lab. Control (S)		Lab. Control (S)		Lab. Control (S)		Lab. Control (S)	
		Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe
Aroclor 1016	0.10	111	>>	>>	42	133	***	1.000	1.149	1.123	115	112	42	133	2	30	30
Aroclor 1260	0.20	U	>>	>>	54	167	***	20.0	22.66	21.97	113	110	54	167	3	30	30
DCB (S)	0.10	130	>>	>>	56	145	***	20.0	23.35	22.80	117	114	56	145	2	30	30
	0.10	130	>>	>>	62	152	***	1.000	1.304	1.276	130	128	62	152	2	30	30

**Codes/Flags:**  
 U The analyte was not detected at or above the quantization limit.  
 E The analyte was detected at a concentration greater than the calibration range; therefore the result is estimated.  
 \* The value is outside quality control limits.  
 W Result is always reported as "wet weight".

The analyte was detected at a conc. below the quant. limit but above the method detection limit.  
 The analyte was detected in the associated method blank.  
 Matrix interference has resulted in an elevated reporting limit or distorted QC result.  
 Spike recovery or precision unusable due to dilution.

Comments:  
 \*\*PCB (S) is added to all samples at 0.10 ug/L, and is therefore presented as a percent recovery in the reagent blank.  
 \*\*\*No sample was available for matrix spikes. Precision and recovery for the batch were determined using LCS and LCD.

Client/Date: *Bethany D. ...* 8/28/09  
 Quality Assurance Officer/Date



*Draft, Privileged and Confidential, Prepared at the Request of Counsel*  
**QUALITY ASSURANCE REPORT**  
for  
**LABORATORY BATCH NUMBER**  
**ps09g24b**

**SEMI-VOLATILES**

<b>Sample Matrix :</b>	<b>WIPE, TOTAL</b>	<b>Preparation Method :</b>	<b>SOP 8-130</b>	<b>Analytical Method :</b>	<b>SW-846 8082A</b>
<b>Inclusive Projects :</b>	<b>VARIOUS</b>	<b>Preparation Date :</b>	<b>7/24/2009</b>	<b>Analysis Date :</b>	<b>7/24/2009</b>
		<b>Preparer(s) Initials :</b>	<b>BDA/SC</b>	<b>Analyst(s) Initials :</b>	<b>BDA</b>

TCMX (S)	0.10 ug/Wipe	88	LCS (S)		LCS (S)		LCS (S)		LCS (S)		LCS (S)		LCS (S)		0	30	
			>>	>>	>	>	>	>	>	>	>	>	>	>			
Aroclor 1016	0.20 ug/Wipe	U	2.000	>>	>	42	133	***	0.0	1.000	0.819	0.819	82	42	133	0	30
Aroclor 1260	0.20 ug/Wipe	U	40.0	>>	>	54	167	***	U	20.0	15.34	15.36	77	54	167	0	30
DCB (S)	0.10 ug/Wipe	82	2.000	>>	>	62	152	***	0.0	1.000	0.744	0.744	74	62	152	0	30

**Codes/Flags :**  
 U The analyte was not detected at or above the quantitation limit.  
 E The analyte was detected at a concentration greater than the calibration range; therefore the result is estimated.  
 \* The value is outside quality control limits  
 W Result is always reported as "wet weight".

The analyte was detected at a conc. below the quant. limit but above the method detection limit.  
 The analyte was detected in the associated method blank.  
 Matrix interference has resulted in an elevated reporting limit or distorted QC result.  
 Spike recovery or precision unusable due to dilution.

**Comments :**  
 \*\*DCB (S) is added to all samples at 0.10 ug/L, and is therefore presented as a percent recovery in the reagent blank.  
 \*\*\*No sample was available for matrix spikes. Precision and recovery for the batch were determined using LCS and LCD.

*Anthony D. ...*  
 Analyst/Date  
 8/28/09  
 JAY 8/28/09  
 Quality Assurance Officer/Date



QUALITY ASSURANCE REPORT  
for  
LABORATORY BATCH NUMBER

ps09g27b

SEMI-VOLATILES

Analytical Method : SW-946 8082A  
Analysis Date : 7/27/2009  
Analyst(s) Initials : BDA

Preparation Method : SOP S-130  
Preparation Date : 7/27/2009  
Preparer(s) Initials : SC

Sample Matrix : WIPE, TOTAL  
Inclusive Projects : VARIOUS

Analyte	Concentration	Matrix				Matrix				Matrix				Matrix			
		Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	Wipe	
TCMX (S)	0.10 ug/wipe	72	>>	>>	>>	42	133	***	0.610	1,000	0.630	0.610	61	42	133	3	30
Aroclor 1016	0.20 ug/wipe	U	>>	>>	>>	54	167	***	18.83	U	18.03	18.83	94	54	167	4	30
Aroclor 1260	0.20 ug/wipe	U	>>	>>	>>	56	145	***	21.07	U	20.71	21.07	104	56	145	2	30
DCB (S)	0.10 ug/wipe	126	>>	>>	>>	62	152	***	1.180	0.0	1.210	1.180	118	62	152	3	30

The analyte was detected at a conc. below the quant. limit but above the method detection limit.  
The analyte was detected in the associated method blank.  
Matrix interference has resulted in an elevated reporting limit or distorted QC result.  
Spike recovery or precision unusable due to dilution.

J  
B  
X  
A

The analyte was not detected at or above the quantitation limit.  
The analyte was detected at a concentration greater than the calibration range; therefore the result is estimated.  
The value is outside quality control limits  
Result is always reported as "wet weight".

Codecs/Flags:  
U  
E  
\*  
W

2M 8/28/09  
Quality Assurance Officer/Date

William D. Amund  
Chemist/Date  
8/7/09

Comments:  
\*\*DCB (S) is added to all samples at 0.10 ug/L, and is therefore presented as a percent recovery in the reagent blank.  
\*\*\*No sample was available for matrix spikes. Precision and recovery for the batch were determined using LCS and LCD.



QUALITY ASSURANCE REPORT  
for  
LABORATORY BATCH NUMBER

ps09g27c

SEMI-VOLATILES

**Fibertec**  
Environmental  
Services, Inc.

Sample Matrix: **WIPE, TOTAL** Analytical Method: **SW-846 8082A**  
 Inclusive Projects: **VARIOUS** Preparation Method: **SOP 8-130** Analysis Date: **7/28/2009**  
 Preparation Date: **7/27/2009** Analyst(s) Initials: **BDA**

Analyte	TRI ug/g	TCMX (S) ug/wipe	Aroclor 1016 ug/wipe	Aroclor 1260 ug/wipe	DCB (S) ug/wipe	Matrix Spike (ug/wipe)		Matrix Spike Recovery (%)		Matrix Spike Recovery (%)		Matrix Spike Recovery (%)		Matrix Spike Recovery (%)		Matrix Spike Recovery (%)			
						Spiked (ug/wipe)	Found (ug/wipe)	Spiked (%)	Found (%)	Spiked (ug/wipe)	Found (ug/wipe)	Spiked (%)	Found (%)	Spiked (ug/wipe)	Found (ug/wipe)	Spiked (%)	Found (%)	Spiked (ug/wipe)	Found (ug/wipe)
		94				2,000	>>	>>	42	133	***	85	94	0.940	1,000	0.0	0.850	10	30
		U				40.0	>>	>>	54	167	***	102	104	20.85	20.0	U	20.43	2	30
		U				40.0	>>	>>	56	145	***	115	119	23.88	20.0	U	22.95	4	30
		126				2,000	>>	>>	62	152	***	135	141	1,410	1,000	0.0	1,350	4	30

J  
B  
X  
A

The analyte was detected at or above the quantitation limit.  
 The analyte was detected at a concentration greater than the calibration range; therefore the result is estimated.  
 The value is outside quality control limits  
 Result is always reported as "wet weight".

Comments:  
 \*\*DCB (S) is added to all samples at 0.10 ug/L, and is therefore presented as a percent recovery in the reagent blank  
 \*\*\*No sample was available for matrix spikes. Precision and recovery for the batch were determined using LCS and L.CD.

*Anthony D. ...*  
 Chemist/Date: 8/28/09

Quality Assurance Officer/Date: 7/28/09

Telephone: (517) 699-0345 Facsimile: (517) 699-0388  
 Telephone: (810) 220-3300 Facsimile: (810) 220-3311

1914 Holloway Drive Holt, Michigan 48842  
 11776 Grand River Avenue Brighton, Michigan 48116

D0835



Laboratory Report of August 11, 2009 Wipe Samples

D0836



**Fibertec**  
environmental  
services

Friday, August 21, 2009

Fibertec Project Number: 35429  
Project Identification: SIM-Ottumwa PCB Site  
Submittal Date: 8/13/2009

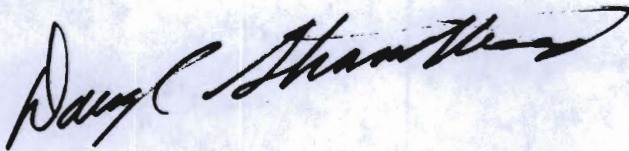
Mr. Mark Johnson  
Stinson Morrison Hecker LLP  
1201 Walnut Street  
Suite 2900  
Kansas City, MO 64106-2150

Dear Mr. Johnson,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed by NELAC compliant methodologies and the results compiled in the attached report. Any exceptions to compliance are noted in the report. These results apply only to those samples submitted.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345. Please note samples will be disposed of 30 days after reporting date.

Sincerely,



Daryl P. Strandbergh  
Laboratory Director

DPS/kc

Enclosures

D0837

1914 Holloway Drive  
11766 E. Grand River  
8660 S. Mackinaw Trail

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Brighton, MI 48116  
Cadillac, MI 49601

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T: (810) 220-3300  
T: (231) 775-8368

F: (517) 699-0388  
F: (810) 220-3311  
F: (231) 775-8584



ATTORNEY CLIENT PRIVILEGE AND WORK PRODUCT



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 Fax: 517 699 0388  
 email: lab@fibertec.us

**Industrial Hygiene Services, Inc.**  
 1914 Holloway Drive  
 Holt, MI 48842  
 Phone: 517 699 0345  
 Fax: 517 699 0382  
 email: asbestos@fibertec.us

**Geoprobe**  
 11766 E. Grand River  
 Brighton, MI 48116  
 Phone: 810 220 3300  
 Fax: 810 220 3311

Chain of Custody #

89220

PAGE 1 of 3

Client Name: <i>Titan International</i>		Contact Person: <i>Sigi Georg</i>		Project Name/Number: <i>SIM - Oteumwa Pab site</i>		Purchase Order #	
Date	Time	Client Sample #	Client Sample Descriptor	MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	RESERVED (Y/N)	PARAMETERS
8-11-09	14:02	1	2021 LE 32	P	1	X	PCB - Analyte
	14:11	2	1925 L13				
	14:17	3	1915 R31				
	14:23	4	2043 T5				
	14:25	5	2053 B6				
	14:30	6	1843 B122				
	14:33	7	2077 T56				
	14:39	8	2009 LE				
	14:44	9	2066 B2				
	14:48	10	1955 T9	P	1	X	
Comments: <i>Call Geoprobe @ (248) 592-9950 with any questions regarding wipe samples</i>							
Requisitioned By: <i>[Signature]</i>				Date/Time: <i>8-13-09 13:45</i>		Received By: <i>[Signature]</i>	
Requisitioned By: <i>[Signature]</i>				Date/Time: <i>8/13/09</i>		Received By: <i>[Signature]</i>	
Requisitioned By: <i>[Signature]</i>				Date/Time:		Received By: <i>[Signature]</i>	
LAB USE ONLY: Fibertec project number: Laboratory tracking: Temperature at Receipt:							

Turnaround		Matrix Code	
<input type="checkbox"/> 24 hour RUSH (surcharge applies)	<input type="checkbox"/> S Soil	<input type="checkbox"/> GW Ground Water	
<input type="checkbox"/> 48 hour RUSH (surcharge applies)	<input type="checkbox"/> W Water	<input type="checkbox"/> SW Surface Water	
<input type="checkbox"/> 72 hour RUSH (surcharge applies)	<input type="checkbox"/> A Air	<input type="checkbox"/> WW Waste Water	
<input checked="" type="checkbox"/> Standard (5-7 bus. days)	<input type="checkbox"/> O Oil	<input type="checkbox"/> X Other: Specify	
Other: Specify			

Remarks:

*Report Results to*

*Mr. Mark Johnson*

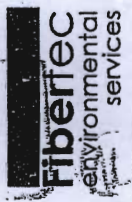
TERMS & CONDITIONS ON BACK

ID0838

COC Revision: April, 2006



ATTORNEY CLIENT PRIVILEGE AND WORK PRODUCT



**Analytical Laboratory**  
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 Holt, MI 48842  
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**Industrial Hygiene Services, Inc.**  
 1914 Holloway Drive  
 Holt, MI 48842  
 Phone: 517 699 0345  
 Fax: 517 699 0382  
 email: asbestos@fibertec.us

**Geoprobe**  
 11766 E. Grand River  
 Brighton, MI 48116  
 Phone: 810 220 3300  
 Fax: 810 220 3311

Chain of Custody #

89221

PAGE 2 of 3

Client Name: <i>Titan International</i>		Matrix Code	
Contact Person: <i>Geji Geji</i>		S Soil	GW Ground Water
Project Name/ Number:		W Water	SW Surface Water
		A Air	WW Waste Water
		O Oil	X Other: Specify
		P Wipe	
Purchaser Order#		Turnaround	
Lab Sample	Client Sample #	24 hour RUSH (surcharge applies)	
8-11-09	11	48 hour RUSH (surcharge applies)	
	12	72 hour RUSH (surcharge applies)	
	13	Standard (5-7 bus. days)	
	14	Other: Specify	
	15		
	16		
	17		
	18		
	19		
	20		
Client Sample Descriptor		Remarks:	
11	1955 T 10	Report Results to:	
12	Field Blank 1	Mark Johnson	
13	2033 T24		
14	1819 R23		
15	1809 R44		
16	644 R55		
17	654 B37		
18	1051 B42		
19	699 B23		
20	613 R39		
Comments:			
Relinquished By: <i>[Signature]</i>		Date/Time: 8/11/09 15:57	Received By: <i>[Signature]</i>
Relinquished By: <i>[Signature]</i>		Date/Time: 8/11/09 15:57	Received By: <i>[Signature]</i>
Relinquished By: <i>[Signature]</i>		Date/Time: 8/11/09 15:57	Received By: <i>[Signature]</i>
LAB USE ONLY:		COC Revision: April, 2006 and 10/07/07	
Fibertec project number			
Laboratory Tracking:			
Temperature at Receipt:			

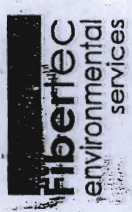
TERMS & CONDITIONS ON BACK

D0839

Sizelock SMI



ATTORNEY General PERMITS WMD PROJECT



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 email: lab@fibertec.us

**Industrial Hygiene Services, Inc.**  
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 Hoff, MI 48842  
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 Fax: 517 699 0382  
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Chain of Custody #  
**89222**  
 PAGE 3 of 3

Lab Sample #	Date	Time	Client Sample #	Client Sample Descriptor	MATRIX USE RIGHT COVER FOR CODES	# OF CONTAINERS	PRESERVED (Y/N)	PARAMETERS	Turnaround (surcharge applies) 24 hour RUSH 48 hour RUSH (surcharge applies) 72 hour RUSH (surcharge applies) Standard (5-7 bus. days) Other: Specify	Matrix Code S Soil W Water A Air O Oil P Wipe
8-11-09	16:24	21	664	R 27	P					
	16:31	22	623	L 23						
	16:32	23	623	L 24						
	16:33	24	Field Blank	R						
	17:45	25	2253	T 90						
	17:54	26	2243	R 35						
	17:58	27	2233	R 26						
	18:05	28	749	T 31	P					
				TRIP BLANK	N					
Comments: Call GVS Group (248) 592-9950 for any questions Date/Time Received By: 8-13-09 [Signature] Date/Time Received By: 8/13/09 15:15 [Signature] Date/Time Received By: [Signature]										

LAB USE ONLY  
 Fibertec project number:  
 Laboratory Tracking:  
 Temperature at Receipt:

TERMS & CONDITIONS ON BACK

D0840

COC Revision: April, 2006



## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Wipe
Fibertec Project Number:	35429	Sample Number:	35429-001

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	2021 LE32
Project Number:	NA	Client Sample Number:	1
Sample Date:	8/11/2009	Chain of Custody Number:	89220

Comments:

<b>Definitions/ Qualifiers:</b>	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Polychlorinated Biphenyls (PCBs) (EPA 8082)</b>								
Aroclor-1016	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1221	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1232	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1242	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1248	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1254	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1260	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1262	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1268	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA

D0841



## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Wipe
Fibertec Project Number:	35429	Sample Number:	35429-002

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	1925 L 13
Project Number:	NA	Client Sample Number:	2
Sample Date:	8/11/2009	Chain of Custody Number:	89220

Comments:

<b>Definitions/ Qualifiers:</b>	A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Polychlorinated Biphenyls (PCBs) (EPA 8082)</b>								
Aroclor-1016	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1221	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1232	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1242	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1248	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1254	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1260	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1262	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1268	U	µg/100 cm <sup>2</sup>	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA

D0842



## Analytical Laboratory Report

Client Identification:	Stinson Morrison Hecker LLP	Sample Matrix:	Wipe
Fibertec Project Number:	35429	Sample Number:	35429-003

### Client Sample Information

Project Identification:	SIM-Ottumwa PCB Site	Client Sample Description:	1915 R31
Project Number:	NA	Client Sample Number:	3
Sample Date:	8/11/2009	Chain of Custody Number:	89220

Comments:

<b>Definitions/Qualifiers:</b> A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.	J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit.	X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits
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Analyte	Result	Units	Report Limit	Dilution Factor	Prep Batch	Prep Date/Time	Analysis Date/Time	Analyst
<b>Polychlorinated Biphenyls (PCBs) (EPA 8082)</b>								
Aroclor-1016	U	µg/100 cm2	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1221	U	µg/100 cm2	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1232	U	µg/100 cm2	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1242	U	µg/100 cm2	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1248	U	µg/100 cm2	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1254	U	µg/100 cm2	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1260	U	µg/100 cm2	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1262	U	µg/100 cm2	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA
Aroclor-1268	U	µg/100 cm2	5.0	1	PS09H17A	8/17/2009	8/17/2009	BDA

D0843