



August 27, 2015


John Hnat
Wisconsin Department of Natural Resources
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212

RECEIVED

SEP 1 2015

Initial: 

**Subject: Site Investigation Update Report
Shorewood Queensway Dry Cleaners
4300 N. Oakland Ave
Shorewood, WI 53211
WDNR BRRTS#: 02-41-552089**

Completes SI for Site
9/16/15 

Dear Mr. Hnat:

PID: 291 094590

Environmental Forensic Investigations, Inc. (EnviroForensics) is pleased to present this *Site Investigation Update Report* (Report) for the Shorewood Queensway Dry Cleaners facility located at 4300 N. Oakland Avenue in Shorewood, Wisconsin (Site). Additional investigation activities were conducted in response to your March 27, 2015 email in which you expressed concern about the possible migration of contamination along utility corridors in Oakland Avenue. The Site investigation activities were conducted in accordance with Chapter NR 716 of the Wisconsin Administrative Code (WAC).

The tables and figures presented as attachments are intended to update those provided in the Site Investigation Report dated December 22, 2014.

INVESTIGATION ACTIVITIES

The additional investigation was performed by EnviroForensics during July 13-14, 2015 and included the following activities:

- Located and determined the depth of utility lines using ground penetrating radar and direct measurement in manholes.
- Advanced six (6) soil borings (SB-18 through SB-23) at the locations depicted on **Figure 3** to 15 feet below ground surface (bgs) using direct-push methods.
- Field-screened the soil for volatile organic vapors using a photo-ionization detector (PID).
- Logged the soil lithology in accordance with the Unified Soil Classification System (USCS) and recorded the information on soil boring logs (**Attachment 1**).

Document: 6107-1368
Environmental Forensic Investigations, Inc.
N16 W23390 Stone Ridge Drive, Suite G, Waukesha, WI 53188
Phone: 262-290-4001 • Fax 317-972-7875

- Collected two (2) soil samples per boring and submitted the samples to a state-certified laboratory for analysis of volatile organic compounds (VOCs) according to EPA Method 8260.
- Converted the six (6) soil borings into temporary monitoring wells by installing 1-inch diameter PVC screen and riser.
- Collected (2) grab groundwater samples from boring SB-20 and SB-22 using a peristaltic pump. The other four (4) temporary monitoring wells remained dry 16 hours after installation and no groundwater samples were collected. The grab groundwater samples were to be analyzed for VOCs according to EPA Method 8260.
- Removed the six (6) temporary wells and abandoned the borings in accordance with WDNR regulations.
- Advanced six (6) direct-push borings for the collection of soil gas samples SG-12 through SG-17 (see **Figure 3**). These borings were positioned approximately 3 to 5 feet from the borings advanced for soil and grab groundwater sampling. The soil gas samples were collected using the post-run tubing method, in which the sample is withdrawn directly from void space at the end of the direct-push rods. The soil gas samples were analyzed for VOCs according to EPA Method TO-15.
- Abandoned the soil gas borings in accordance with WDNR regulations and patched with concrete to match the surrounding surface.

INVESTIGATION RESULTS

The invert depth of the sanitary sewer main in Oakland Avenue is 11 feet bgs and the invert depth of the storm sewer main is 8 feet bgs. The water and gas utility lines are approximately 7 and 5 feet bgs, respectively.

Laboratory analytical reports for the soil, grab groundwater, and soil gas samples are provided in **Attachment 2**.

Soil Sample Results

The soil sample analytical results are summarized in **Table 4** and illustrated on **Figure 9**. Sample SB-19 (2-4 feet) contained an estimated tetrachloroethene (PCE) concentration of 73 $\mu\text{g}/\text{kg}$. Volatile organic compounds (VOCs) were not detected in any other soil sample collected within the Oakland Avenue right-of-way. An updated PCE isoconcentration map is presented on **Figure 10**.

Grab Groundwater Sample Results

The grab groundwater sample analytical results are summarized in **Table 5** and illustrated on **Figure 11**. VOCs were not detected in the groundwater samples collected within the Oakland Avenue right-of-way.

Soil Gas Sample Analytical Results

Utility corridor soil gas sample analytical results are summarized on **Table 8** and illustrated on **Figure 16**. The VOC concentrations are compared to vapor risk screening levels (VRSLs) defined by WDNR. PCE, trichloroethene (TCE), benzene, and 1,2,4-trimethylbenzene were detected in one (1) or more soil gas samples collected from the Oakland Avenue right-of-way. The concentrations of all compounds in all samples were less than the applicable VRSLs.

CONCLUSIONS AND RECOMMENDATIONS

The extent of contamination in all subsurface media has been defined, and is limited to areas within Site boundaries, the Oakland Avenue right-of-way, the 4312-4332 N. Oakland Ave property, and 1808 East Marion Street. The horizontal extent of contamination in soil and groundwater is defined by non-detect results of samples collected from soil borings and monitoring wells that surround the areas of impact, including the borings recently advanced near utility corridors in Oakland Avenue. The result from SB-19 containing PCE is considered anomalous because the concentration was estimated by the laboratory and the shallow depth considering the distance it was collected from the source area. Impacts may extend a short distance west of the western property boundary; however, the current sampling results indicate that migration along utility corridors is not widespread and is unlikely to affect neighboring properties.

EnviroForensics considers the Site investigation to be complete and recommends that no further investigation activities be conducted. Please contact us if you have any questions.

Sincerely,
Environmental Forensic Investigations, Inc.

A handwritten signature in blue ink, appearing to read "Brian Kappen".

Brian Kappen, PG
Project Manager

A handwritten signature in blue ink, appearing to read "Rob Hoverman".

Rob Hoverman, LPG
Senior Project Manager

cc: Shirley Carlson, Shorewood Queensway Dry Cleaners

List of Attachments

Table 4:	Summary of Soil Sample Analytical Results
Table 5:	Summary of Grab Groundwater Sample Analytical Results
Table 8:	Summary of Utility Corridor Soil Gas Analytical Results
Figure 3:	Soil Boring, Soil Gas Boring, and Monitoring Well Location Map
Figure 9:	Comprehensive Soil Analytical Results
Figure 10:	PCE in Soil Isoconcentration Map
Figure 11:	Grab Groundwater Analytical Results
Figure 16:	Utility Corridor Soil Gas Analytical Results
Attachment 1:	Soil Boring Logs
Attachment 2:	Laboratory Analytical Reports

TABLES

TABLE 4
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
 Shorewood Queensway Dry Cleaners
 Shorewood, Wisconsin

Boring Identification	Sample Depth	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Isopropylbenzene
Industrial Residual Contaminant Level¹			153,000	8,810	2,040,000	11,000
Non-Industrial Residual Contaminant Level¹			30,700	644	156,000	2,100
Soil to Groundwater Residual Contaminant Level¹			4.5	3.6	41.2	0.64
SB-1	9-10	2/25/2009	240	< 1.1	< 6.2	ND
	25-26	2/25/2009	< 4.5	< 0.82	< 4.5	ND
SB-2	15-16	2/25/2009	5.8	< 0.84	< 4.6	ND
	27-28	2/25/2009	< 4.4	< 0.80	< 4.4	ND
SB-3	3-4	2/25/2009	53,000	4.8	< 5	ND
	6-7	2/25/2009	64,000	2.3	< 4.7	ND
	27-28	2/25/2009	8.0	< 0.88	< 4.9	ND
SB-4	11-11.5	2/25/2009	3,500,000	620	24.0	ND
	12.5-13	2/25/2009	370,000	240	19.0	ND
SB-5	6-6.5	2/25/2009	300,000	640	160	ND
	10-10.5	2/25/2009	4,100,000	790	87	ND
SB-6	2-4	11/12/2009	< 25.0	< 25.0	< 25.0	ND
	12-14	11/12/2009	< 25.0	< 25.0	< 25.0	ND
SB-7	4-6	11/12/2009	< 25.0	< 25.0	< 25.0	ND
	12-14	11/12/2009	< 25.0	< 25.0	< 25.0	ND
SB-8	2-4	11/13/2009	< 25.0	< 25.0	< 25.0	ND
	12-14	11/13/2009	< 25.0	< 25.0	< 25.0	ND
SB-9	4-6	11/13/2009	72,000	< 25.0	< 25.0	ND
	12-14	11/13/2009	72.6	< 25.0	< 25.0	ND
SB-10	6-8	11/13/2009	526	< 25.0	< 25.0	ND
	12-14	11/13/2009	< 25.0	< 25.0	< 25.0	ND
SB-11	6-8	11/12/2009	72,200	347	< 250	ND
	12-14	11/12/2009	68.3J	< 25.0	< 25.0	ND
SB-12	6-8	11/12/2009	< 25.0	< 25.0	< 25.0	ND
	12-14	11/12/2009	< 25.0	< 25.0	< 25.0	ND
SB-13	4-6	11/12/2009	< 25.0	< 25.0	< 25.0	ND
	14-16	11/12/2009	< 25.0	< 25.0	< 25.0	ND
SB-14	4-6	11/13/2009	< 25.0	< 25.0	< 25.0	ND
	12-14	11/13/2009	< 25.0	< 25.0	< 25.0	ND
SB-15	6-8	9/23/2010	< 25.0	< 25.0	< 25.0	ND
	12-14	9/23/2010	< 25.0	< 25.0	< 25.0	ND
SB-16	6-8	9/23/2010	< 25.0	< 25.0	< 25.0	ND
	12-14	9/23/2010	< 25.0	< 25.0	< 25.0	ND

TABLE 4
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
 Shorewood Queensway Dry Cleaners
 Shorewood, Wisconsin

Boring Identification	Sample Depth	Date Sampled	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Isopropylbenzene
Industrial Residual Contaminant Level¹			153,000	8,810	2,040,000	11,000
Non-Industrial Residual Contaminant Level¹			30,700	644	156,000	2,100
Soil to Groundwater Residual Contaminant Level¹			4.5	3.6	41.2	0.64
SB-17	6-8	9/23/2010	< 100	< 100	< 100	ND
	18-20	9/23/2010	< 25.0	< 25.0	< 25.0	ND
SB-18	4-6	7/14/2015	<54	<42	<21	<37
	10-12	7/14/2015	<54	<42	<21	<37
SB-19	2-4	7/14/2015	73 J	<42	<21	<37
	14-16	7/14/2015	<54	<42	<21	<37
SB-20	6-8	7/14/2015	<54	<42	<21	<37
	14-16	7/14/2015	<54	<42	<21	<37
SB-21	6-8	7/14/2015	<54	<42	<21	<37
	10-12	7/14/2015	<54	<42	<21	<37
SB-22	4-6	7/14/2015	<54	<42	<21	<37
	10-12	7/14/2015	<54	<42	<21	<37
SB-23	6-8	7/14/2015	<54	<42	<21	<37
	10-12	7/14/2015	<54	<42	<21	<37
HA-1	5	11/13/2009	1,690	< 25.0	< 25.0	ND
HA-2	5	11/13/2009	2,330	< 25.0	< 25.0	ND
HA-3	5	11/13/2009	< 25.0	< 25.0	< 25.0	ND
HA-4	5	11/13/2009	76.0	< 25.0	< 25.0	ND
HA-5	5	9/23/2010	< 25.0	< 25.0	< 25.0	ND
HA-6	5	9/23/2010	8,390	45.3J	48.4J	ND
HA-1-4312-(1')	1	2/5/2014	307,000	700	277	27.2 J
HA-1-4312-(1.5')	1.5	2/5/2014	294,000	1,080	680	<25
HA-2-4312-(0.7')	0.7	2/5/2014	2,560	<28	<24	<25
HA-2-4312-(5')	5	2/5/2014	<49	<28	<24	<25
HA-1-4316-(2')	2	2/6/2014	<49	<28	<24	<25
HA-1-4316-(6.5')	6.5	2/6/2014	<49	<28	<24	<25

Notes:

¹ Residual Contaminant Levels calculated according to the procedures described in WDNR Publication RR-890

All concentrations reported in units of micrograms per kilogram (ug/kg)

Samples analyzed using EPA SW-846 Method 8260

Bolded values are above Laboratory Detection Limits

Bolded and orange shaded values are above the Industrial Residual Contaminant Level

Bolded and blue shaded values are above the Non-Industrial Contaminant Level

Bolded and green shaded values are above the Soil to Groundwater Residual Contaminant Level

J=Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit

NE = Not Established

ND = Non detect

TABLE 5
SUMMARY OF GRAB GROUNDWATER SAMPLE ANALYTICAL RESULTS

Shorewood Queensway Dry Cleaners

Shorewood , Wisconsin

Boring Identification	Sample Depth	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	Chlorobenzene	Chloroform	Chloromethane	1,1-Dichloroethene	1,1-Dichloropropene	Toluene
SB-5	8.0	2/26/2009	170,000	1,700	4,600	100	2,300	18.0	6.4	< 5.0	7.7	11.0	5.5
SB-7	8.0	11/19/2009	0.95J	< 0.48	< 0.83	< 0.89	< 0.18	< 0.41	< 1.3	0.32J	< 0.57	< 0.75	< 0.67
SB-8	12.3	11/19/2009	< 0.45	< 0.48	< 0.83	< 0.89	< 0.18	< 0.41	< 1.3	1.10	< 0.57	< 0.75	< 0.67
SB-9	10.7	11/20/2009	373	< 1.9	< 3.3	< 3.6	< 0.72	< 0.41	< 1.3	< 0.96	< 2.3	< 0.75	< 0.67
SB-10	16.0	11/20/2009	53.2	< 0.48	< 0.83	< 0.89	< 0.18	< 0.41	< 1.3	3.20	< 0.57	< 0.75	< 0.67
SB-12	8.3	11/20/2009	< 0.45	< 0.48	< 0.83	< 0.89	< 0.18	< 0.41	< 1.3	0.83J	< 0.57	< 0.75	< 0.67
SB-14	22.0	11/19/2009	< 0.45	< 0.48	< 0.83	< 0.89	< 0.18	< 0.42	< 1.4	1.30	< 0.57	< 0.75	< 0.67
SB-20W	15.0	7/14/2015	<0.49	<0.47	<0.45	<0.54	<0.17	<0.46	<0.43	<1.9	<0.65	NA	<0.44
SB-22W	15.0	7/14/2015	<0.49	<0.47	<0.45	<0.54	<0.17	<0.46	<0.43	<1.9	<0.65	NA	<0.44
Public Health Enforcement Standards (ug/L)			5	5	70	100	0.2	100	6	8.3	7	NE	1,000
Public Health Preventive Action Limit (ug/L)			0.5	0.5	7	20	0.02	20	0.6	0.83	0.7	NE	200

Notes:

All concentrations reported in units of

Samples analyzed for VOCs according to EPA SW-846 Method 8260B

Bolded values are above method detection limits

Bolded and orange shaded values exceed the Public Health Enforcement Standard

Bolded and blue shaded values exceed the Public Health Preventive Action Limit

J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit

NE = Not Established

TABLE 8
SUMMARY OF UTILITY CORRIDOR SOIL GAS ANALYTICAL RESULTS
 Shorewood Queensway Dry Cleaners
 Shorewood, Wisconsin

Sample Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Benzene	2-Butanone	Carbon Disulfide	Cyclohexane	Ethyl acetate	Ethylbenzene	4-Ethyltoluene	n-Hexane	Methylene Chloride	Propylene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes
6107-SG-5	9/24/2010	15,300	<1470	<1090	<1090	<699	<871	<806	<849	<941	<984	<1190	<1340	1,010	2,770	<1880	<1030	<1340	<1340	<2370
6107-SG-8	9/24/2010	29.0	<8.0	<5.9	<5.9	<3.8	21.2	25.2	146	46.3	105	28.1	13.0	65.7	128	581	212	17.9	11.8	137
6107-SG-12	7/13/2015	1,270	15.0	<198	<396	<12.8	<16.0	<29500	<3110	<55100	<18000	<86.8	<4920	<1760	<417	<1720	<37700	<49.2	<49.2	868
6107-SG-13	7/14/2015	<31.9	<10.7	<198	<396	<12.8	30.0	<29500	<3110	<55100	<18000	<86.8	<4920	<1760	<417	<1720	<37700	<49.2	<49.2	868
6107-SG-14	7/14/2015	<31.9	<10.7	<198	<396	<12.8	20.1	<29500	<3110	<55100	<18000	<86.8	<4920	<1760	<417	<1720	<37700	<49.2	<49.2	868
6107-SG-15	7/14/2015	134	<10.7	<198	<396	<12.8	24.9	<29500	<3110	<55100	<18000	<86.8	<4920	<1760	<417	<1720	<37700	93.4	<49.2	868
6107-SG-16	7/14/2015	<31.9	<10.7	<198	<396	<12.8	49.2	<29500	<3110	<55100	<18000	<86.8	<4920	<1760	<417	<1720	<37700	75.7	<49.2	868
6107-SG-17	7/14/2015	94.3	<10.7	<198	<396	<12.8	<16.0	<29500	<3110	<55100	<18000	<86.8	<4920	<1760	<417	<1720	<37700	<49.2	<49.2	868
Non-Residential Vapor Risk Screening Level¹		18,000	880	NE	26,000	2,800	1,600	2,200,000	310,000	2,600,000	NE	4,900	NE	310,000	263,000	1,300,000	2,200,000	3,100	NE	44,000
Residential Vapor Risk Screening Level¹		4,200	210	NE	6,300	160	310	520,000	73,000	630,000	NE	970	NE	73,000	62,600	310,000	520,000	730	NE	10,000

Notes:

¹ The Vapor Risk Screening Levels are based on U.S. E.P.A.'s Regional Screening Levels (RSL's) for industrial indoor air with an attenuation factor of 0.01 for utility corridor soil gas samples and a 0.1 adjustment for 1 x 10⁻⁵ lifetime cancer risk for carcinogens.

All concentrations reported in units of micrograms per cubic meter = ug/m³

Bolded values are above method detection limits

Bolded and blue shaded values exceed the Residential Vapor Risk Screening Level

ND = Compound not detected above method detection limits

NE = Screening level not established

FIGURES

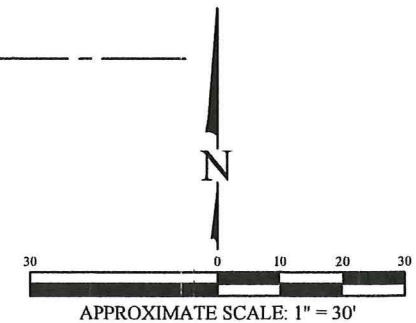
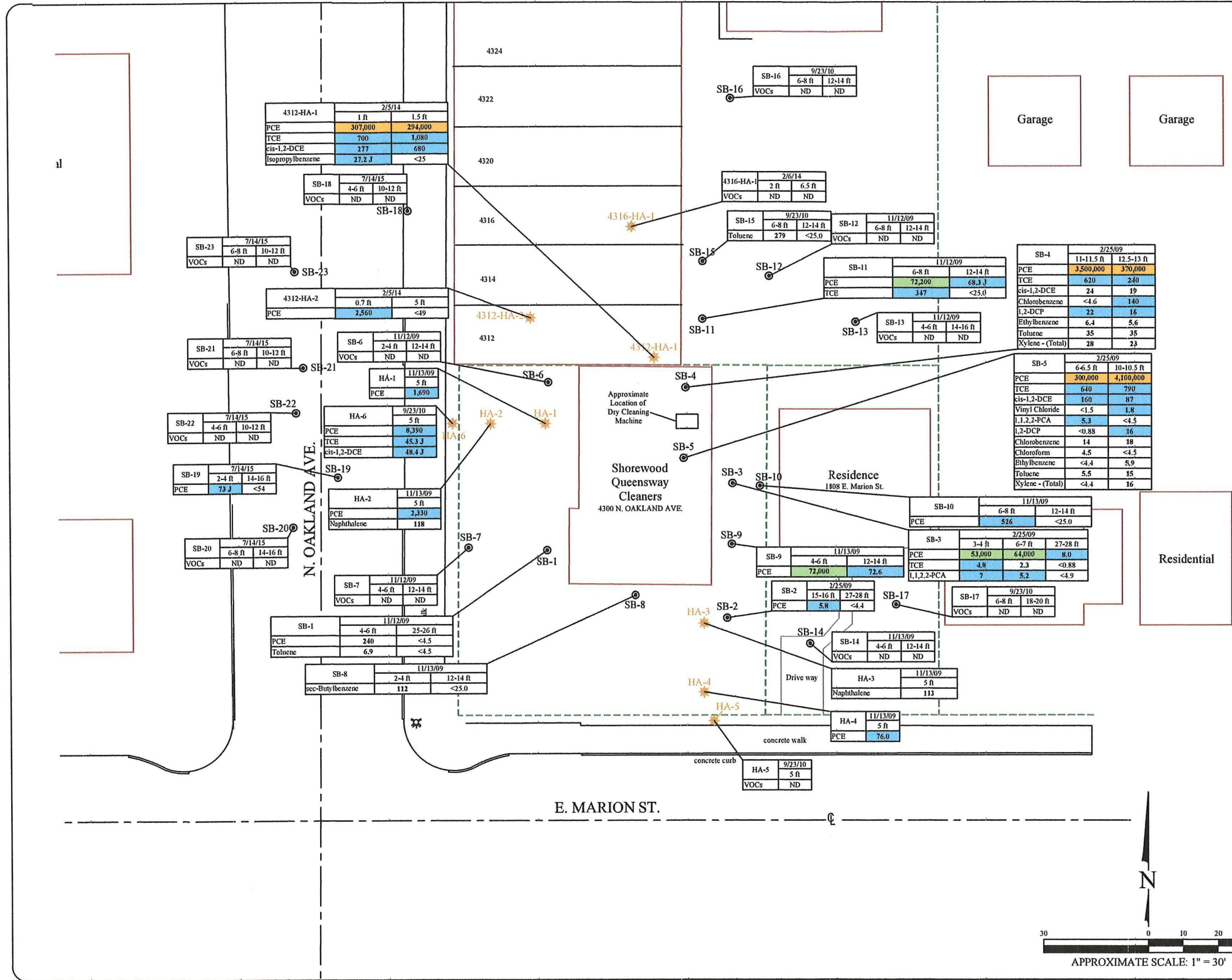
Legend

- Property boundary
- SB-8 ⊙ Direct-push boring location
- HA-1 ⚡ Hand auger boring location

Analyte	Soil Residual Contaminant Level		
	Industrial	Non-Industrial	Soil to Groundwater
PCE	153,000	30,700	4.5
TCE	8,810	644	3.6
cis-1,2-DCE	2,040,000	156,000	41.2
trans-1,2-DCE	976,000	211,000	58.8
Vinyl Chloride	2,030	67	0.1
sec-Butylbenzene	145,000	145,000	NE
CB	761,000	392,000	98
CF	910	54	39
1,2-DCP	6,620	1,330	3.3
EB	37,000	7,470	1,570
p-Ipt	162,000	162,000	NE
Naphthalene	26,000	5,150	658.7
n-Pb	264,000	264,000	1,970
1,1,2,2-PCA	3,690	753	0.2
1,2,4-TMB	219,000	89,800	1,390
1,3,5-TMB	182,000	182,000	1,380
Toluene	818,000	818,000	1,107
Xylene (Total)	258,000	258,000	3,940
Isopropylbenzene	11,000	2,100	0.64

Notes:

1. Concentrations in ug/kg
2. Bolded, shaded orange values are Soil Residual Contaminant Level Industrial
3. Bolded, shaded green values are Soil Residual Contaminant Level Non-Industrial
4. Bolded, shaded blue values are Soil Residual Contaminant Level - Soil to Groundwater
5. Bold values equal or exceed laboratory detection limits.
6. PCE = Tetrachloroethene
7. TCE = Trichloroethene
8. cis-1,2-DCE = cis-1,2-Dichloroethene
9. trans-1,2-DCE = trans-1,2-Dichloroethene
10. 1,1,2,2-PCA = 1,1,2,2-Tetrachloroethane
11. 1,2,4-TMB = 1,2,4-Trimethylbenzene
12. 1,2-DCP = 1,2-Dichloropropane
13. 1,3,5-TMB = 1,3,5-Trimethylbenzene
14. CB = Chlorobenzene
15. CF = Chloroform
16. EB = Ethylbenzene
17. n-Pb = n-Propylbenzene
18. p-Ipt = p-Isopropyltoluene
19. sec-But = sec-Butylbenzene
20. J = Analyte concentration detected between the laboratory Report Limit and the laboratory Method Detection Limit.
21. 1 = Residual Contaminant Levels calculated according to the procedures described in WDNR Publication RR-890
22. NE = Not Established
23. VOCs = Volatile Organic Compounds
24. ND = Non detect



No.	Date	Revision	Approved

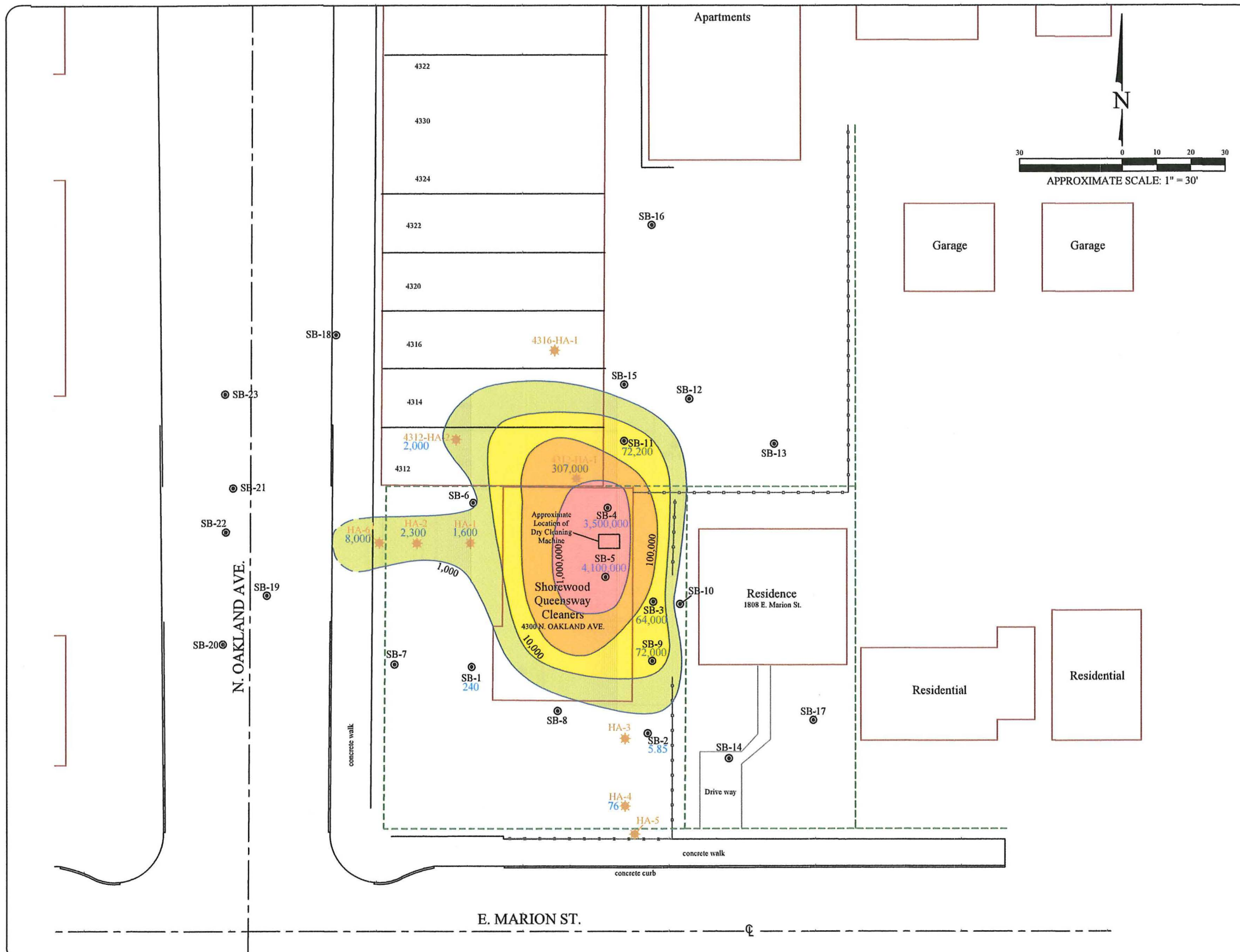
ENVIROforensics
 ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC.
 602 N Capitol Ave, Suite 210 • Indianapolis, IN 46204
 EnviroForensics.com

Date:	8/12/15
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6107-1124

COMPREHENSIVE SOIL ANALYTICAL RESULTS

Shorewood Queensway Cleaners
 4300 N. Oakland Avenue; Shorewood, WI

Figure	9
Project	6107



- Legend**
- Property boundary
 - SB-8 ● Direct push boring location
 - HA-1 ★ Hand auger boring location
 - 1,000 PCE isoconcentration contour
 - - - Dashed boundaries are inferred

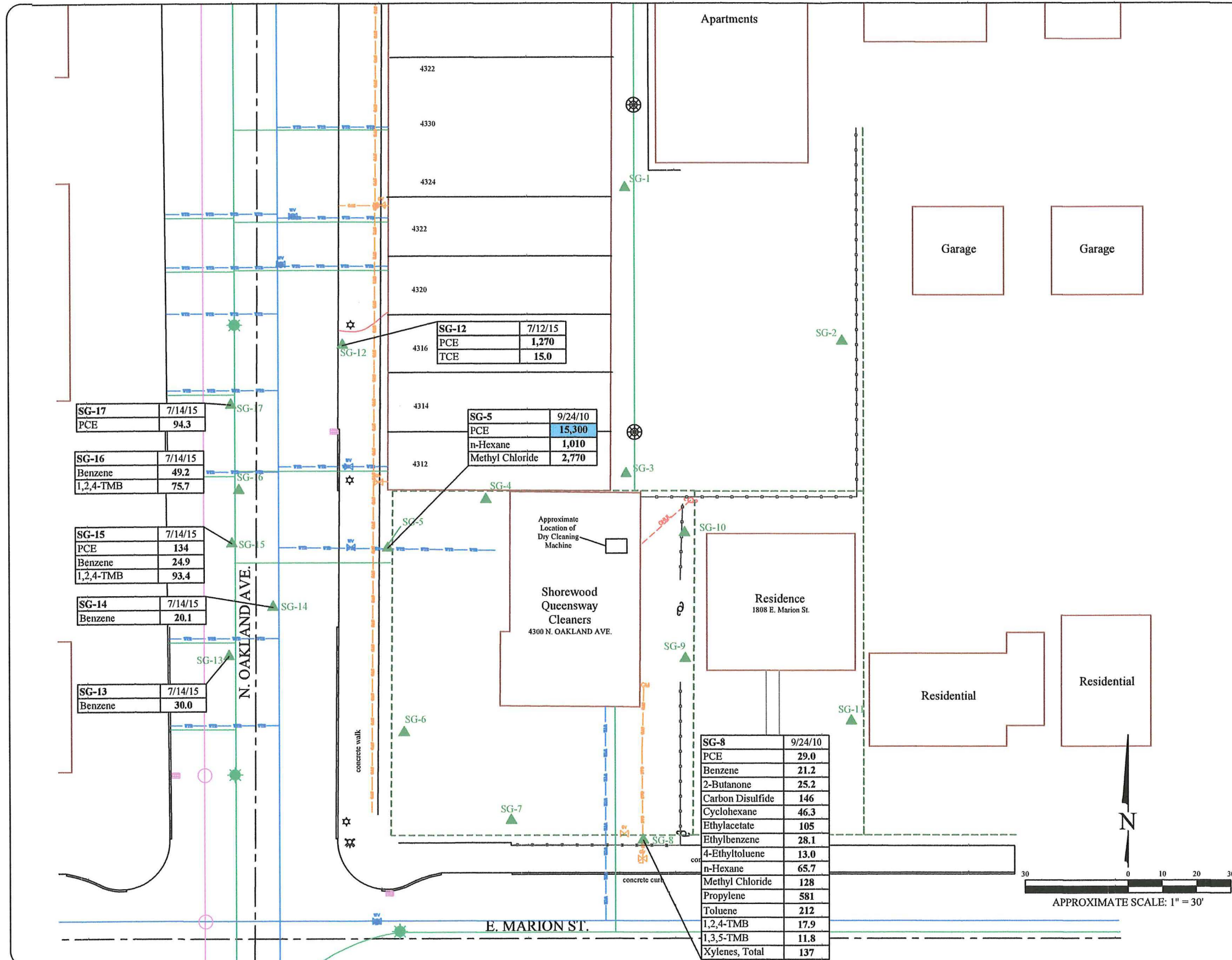
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ENVIROforensics
 ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC.
 602 N Capitol Ave, Suite 210 • Indianapolis, IN 46204
 EnviroForensics.com

Date:	8/12/15
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6107-1125

PCE IN SOIL ISOCONCENTRATION MAP
 Further Site Investigation Report
 Shorewood Queensway Cleaners
 4300 N. Oakland Avenue; Shorewood, WI

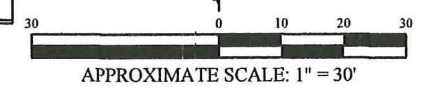
Figure	10
Project	6107



- Legend**
- Property boundary
 - - - Fence line
 - - - Underground gas utility line
 - - - Underground water utility line
 - - - Over head utility line
 - Sewer (Sanitary)
 - SG-1 ▲ Soil gas probe location

Analytes	Vapor Risk Screening Levels	
	Industrial	Residential
PCE	18,000	4,200
TCE	880	210
cis-1,2-DCE	NE	NE
trans-1,2-DCE	26,000	6,300
Vinyl Chloride	2,800	160
Benzene	1,600	310
2-Butanone	2,200,000	520,000
Carbon Disulfide	310,000	73,000
Cyclohexane	2,600,000	630,000
Ethyl acetate	NE	NE
Ethylbenzene	4,900	970
4-Ethyltoluene	NE	NE
n-Hexane	310,000	73,000
Methylene Chloride	263,000	62,600
Propylene	1,300,000	310,000
Toluene	2,200,000	520,000
1,2,4-TMB	3,100	730
1,3,5-TMB	NE	NE
Xylenes, Total	44,000	10,000

- Notes:**
1. Bold, shaded blue values exceed the Residential Vapor Risk Screening Level
 2. Bolded values are above method detection limits
 3. Results not shown are below laboratory detection limits
 4. Results reported in micrograms per cubic meter = ug/m
 5. PCE = Tetrachloroethene
 6. TCE = Trichloroethene
 7. cis-1,2-DCE = cis-1,2-Dichloroethene
 8. trans-1,2-DCE = trans-1,2-Dichloroethene
 9. 1,2,4-TMB = 1,2,4-Trimethylbenzene
 10. 1,3,5-TMB = 1,3,5-Trimethylbenzene
 11. VC = Vinyl Chloride
 12. NE = Not Established
 13. All soils gas points were screened from 6.5-7 feet below ground surface (ft. bgs.)



No.	Date	Revision	Approved

ENVIROforensics
 ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC.
 602 N Capitol Ave, Suite 210 • Indianapolis, IN 46204
 EnviroForensics.com

Date:	8/12/15
Designed:	EB
Drawn:	EB
Checked:	KH
DWG file:	6107-1375

UTILITY CORRIDOR SOIL GAS ANALYTICAL RESULTS

Further Site Investigation Report
 Shorewood Queensway Cleaners
 4300 N. Oakland Avenue; Shorewood, WI

Figure	16
Project	6107



ATTACHMENT 1
SOIL BORING LOGS

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Shorewood Queensway Cleaners			License/Permit/Monitoring Number 02-41-552089		Boring Number SB-18	
Boring Drilled By: Name of crew chief (first, last) and Firm Dustin Harvey On-Site Environmental			Date Drilling Started 7/13/2015		Date Drilling Completed 7/13/2015	
Drilling Method Direct Push						
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>			Local Grid Location			
State Plane N, E S/C/N			Lat _____ "			
1/4 of _____ 1/4 of Section _____, T _____ N, R _____			Long _____ "			
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village Shorewood		

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
										Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
		60 60		0	(0'-0.25') CONCRETE : CONCRETE													
				1	(0.25'-6') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, non-plastic, dry, stiff.	CL-ML			2.2									
			2	0.4														
				3	(6'-9') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, increasing plasticity and moisture with depth.	CL-ML			2.2									
			4	3.3														
				5	(9'-12') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, trace Gravel, fine to coarse grained, very plastic, moist.	CL-ML			2.6									
SOIL	60 60		6	3.8														
			7															
				8														
				9														
				10														
SOIL	60 60			11														
				12														

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Nylee Heimstead</i>	Firm EnviroForensics	Tel: Fax:
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Shorewood Queensway Cleaners		License/Permit/Monitoring Number 02-41-552089		Boring Number SB-19	
Boring Drilled By: Name of crew chief (first, last) and Firm Dustin Harvey On-Site Environmental		Date Drilling Started 7/13/2015		Date Drilling Completed 7/13/2015	
Drilling Method Direct Push		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Borehole Diameter 2.0 inches		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		State Plane N, E S/C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of 1/4 of Section , T N, R		Lat _____ ' _____ "		Long _____ ' _____ "	
Facility ID	County Milwaukee	County Code 41	Civil Town/City/ or Village Shorewood		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
SOIL	60	60	1	(0'-1.25') CONCRETE : CONCRETE				2.4								
			2	(1.25'-3') FILL (FILL) : SAND and GRAVEL, dry, loose.	FILL											
			3	(3'-6') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, non-plastic, dry, stiff.	CL-ML			4.5								
		60	60	5					4.3							
				6	(6'-9') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, increasing plasticity and moisture with depth.	CL-ML			3.0							
			7													
			8													
			9													
	60	60	10	(9'-12') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, trace Gravel, fine to coarse grained, very plastic, moist.	CL-ML			2.3								
			11													
			12					1.2								

I hereby certify that the information on this form is true and correct to the best of my knowledge.


Signature <i>Hyde Heimstend</i>	Firm EnviroForensics	Tel: Fax:
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This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Boring Number **SB-19**

Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
SOIL			13	(12'-15') CLAY AND SILT (CL-ML) : Dark, grayish brown, SILT and CLAY, some Sand, fine grained, very plastic, moist.	CL-ML			1.9						
			14											
			15	EOB @ 15 feet below ground surface				18.8						

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Shorewood Queensway Cleaners		License/Permit/Monitoring Number 02-41-552089		Boring Number SB-20	
Boring Drilled By: Name of crew chief (first, last) and Firm Dustin Harvey On-Site Environmental		Date Drilling Started 7/13/2015		Date Drilling Completed 7/13/2015	
Drilling Method Direct Push					
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N			Local Grid Location		
1/4 of 1/4 of Section , T N, R			Lat _____ "	<input type="checkbox"/> N <input type="checkbox"/> E	
			Long _____ "	Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID	County Milwaukee	County Code 41	Civil Town/City/ or Village Shorewood		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
SOIL	60 60		1	(0'-1.25') CONCRETE : CONCRETE										
			2	(1.25'-3') FILL (FILL) : SAND and GRAVEL, dry, loose.	FILL			0.0						
			3	(3'-6') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, non-plastic, dry, stiff.	CL-ML			0.0						
			4					0.9						
		60 60		6	(6'-9') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, increasing plasticity and moisture with depth.	CL-ML			2.4					
		7	1.6											
	60 60		9	(9'-12') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, trace Gravel, fine to coarse grained, very plastic, moist.	CL-ML			0.0						
		10												
			11											
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Kyle Heimstead</i>	Firm EnviroForensics	Tel: Fax:
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Boring Number **SB-20**

Use only as an attachment to Form 4400-122.

Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
SOIL			13	(12.5'-13.5') SAND and GRAVEL (SWG) : Brown, SAND and GRAVEL, well graded, with Silt and Clay, saturated, loose.	CL-ML			0.0						
			14		(13.5'-15') CLAY AND SILT (CL-ML) : Dark, grayish brown, SILT and CLAY, some Sand, fine grained, very plastic, moist.		SW							
			15	EOB @ 15 feet below ground surface	CL-ML			4.0						

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Shorewood Queensway Cleaners		License/Permit/Monitoring Number 02-41-552089		Boring Number SB-21	
Boring Drilled By: Name of crew chief (first, last) and Firm Dustin Harvey On-Site Environmental		Date Drilling Started 7/13/2015	Date Drilling Completed 7/13/2015	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		State Plane N, E S/C/N		Local Grid Location	
1/4 of		1/4 of Section		T N, R	
Facility ID		County Milwaukee	County Code 41	Civil Town/City/ or Village Shorewood	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
SOIL	60 60		1	(0'-1.25') CONCRETE : CONCRETE											
			2	(1.25'-3') FILL (FILL) : SAND and GRAVEL, dry, loose.	FILL			0.0							
			3	(3'-6') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, non-plastic, dry, stiff.	CL-ML			0.0							
		60 60		4	(6'-9') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, increasing plasticity and moisture with depth.	CL-ML			0.0						
SOIL			5	(9'-12') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, trace Gravel, fine to coarse grained, very plastic, moist.	CL-ML			0.2							
			6												
		60 60		7											
			8												
			9												
			10												
			11												
			12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Nyle Heimstead</i>	Firm EnviroForensics	Tel: Fax:
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Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Shorewood Queensway Cleaners		License/Permit/Monitoring Number 02-41-552089		Boring Number SB-22	
Boring Drilled By: Name of crew chief (first, last) and Firm Dustin Harvey On-Site Environmental		Date Drilling Started 7/13/2015	Date Drilling Completed 7/13/2015	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/>		State Plane N, E S/C/N		Local Grid Location	
1/4 of		1/4 of Section , T N, R		Lat _____ ' _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long _____ ' _____ " Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID	County Milwaukee	County Code 41	Civil Town/City/ or Village Shorewood		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
SOIL	60 60		1	(0'-1.25') CONCRETE : CONCRETE										
			2	(1.25'-3') FILL (FILL) : SAND and GRAVEL, dry, loose.	FILL			0.0						
			4	(3'-6') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, non-plastic, dry, stiff.	CL-ML			0.0						
		60 60		5					1.5					
SOIL			6	(6'-9') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, increasing plasticity and moisture with depth.	CL-ML			1.2						
			9	(9'-12') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, trace Gravel, fine to coarse grained, very plastic, moist.	CL-ML			0.9						
	60 60		11					0.8						

I hereby certify that the information on this form is true and correct to the best of my knowledge.


Signature <i>Hyke Heimstund</i>	Firm EnviroForensics	Tel: Fax:
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Boring Number **SB-22**

Use only as an attachment to Form 4400-122.

Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			13	(12'-15') CLAY AND SILT (CL-ML) : Dark, grayish brown, SILT and CLAY, some Sand, fine grained, very plastic, moist.	CL-ML			0.3						
			14											
			15	EOB @ 15 feet below ground surface				0.0						

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name Shorewood Queensway Cleaners		License/Permit/Monitoring Number 02-41-552089		Boring Number SB-23	
Boring Drilled By: Name of crew chief (first, last) and Firm Dustin Harvey On-Site Environmental		Date Drilling Started 7/13/2015	Date Drilling Completed 7/13/2015	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N		Lat ° ' "		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of T N, R		Long ° ' "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County Milwaukee	County Code 41	Civil Town/City/ or Village Shorewood		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
SOIL	60 60		1	(0'-1.25') CONCRETE : CONCRETE										
			2	(1.25'-3') FILL (FILL) : SAND and GRAVEL, dry, loose.	FILL			8.8						
			3	(3'-6') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, non-plastic, dry, stiff.	CL-ML			1.2						
			4					3.1						
		60 60		6	(6'-9') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, increasing plasticity and moisture with depth.	CL-ML			3.4					
		7	3.5											
SOIL	60 60		9	(9'-12') CLAY AND SILT (CL-ML) : Dark, yellowish brown, SILT and CLAY, some Sand, fine grained, trace Gravel, fine to coarse grained, very plastic, moist.	CL-ML			3.0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Nyle Heimstead</i>	Firm EnviroForensics	Tel: Fax:
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ATTACHMENT 2
LABORATORY ANALYTICAL REPORTS

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

BRIAN KAPPEN
 ENVIROFORENSICS
 N16 W23390 STONE RIDGE DRIVE
 WAUKESHA, WI 53188

Report Date 20-Jul-15

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281A
 Sample ID 6107-SB-18-(4-6)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.0	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281B
 Sample ID 6107-SB-18-(10-12)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281C
 Sample ID 6107-SB-19-(2-4)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.2	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	0.073 "J"	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281D
 Sample ID 6107-SB-19-(14-16)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.1	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281E
 Sample ID 6107-SB-20-(6-8)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.4	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD

Invoice # E29281

Project # 6107

Lab Code 5029281F

Sample ID 6107-SB-20-(14-16)

Sample Matrix Soil

Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.0	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281G
 Sample ID 6107-SB-21-(6-8)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.5	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281H
 Sample ID 6107-SB-21-(10-12)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.3	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 50292811
 Sample ID 6107-SB-22-(4-6)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.7	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD

Invoice # E29281

Project # 6107

Lab Code 5029281J

Sample ID 6107-SB-22-(10-12)

Sample Matrix Soil

Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.5	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281K
 Sample ID 6107-SB-23-(6-8)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.0	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281L
 Sample ID 6107-SB-23-(10-12)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.2	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281M
 Sample ID 6107-SB-22W
 Sample Matrix Water
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/17/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/17/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/17/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/17/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/17/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/17/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/17/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/17/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/17/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/17/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/17/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/17/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/17/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/17/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/17/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/17/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/17/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/17/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/17/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/17/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/17/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/17/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/17/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/17/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/17/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/17/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/17/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/17/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/17/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/17/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/17/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/17/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/17/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/17/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/17/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		7/17/2015	CJR	1
SUR - 4-Bromofluorobenzene	109	REC %			1	8260B		7/17/2015	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260B		7/17/2015	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		7/17/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 50292810
 Sample ID TRIP BLANK
 Sample Matrix Water
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/17/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/17/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/17/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/17/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/17/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/17/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/17/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/17/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/17/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/17/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/17/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/17/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/17/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/17/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/17/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/17/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/17/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/17/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/17/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/17/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/17/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/17/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/17/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/17/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/17/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/17/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/17/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/17/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/17/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/17/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/17/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/17/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/17/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/17/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/17/2015	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		7/17/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		7/17/2015	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		7/17/2015	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		7/17/2015	CJR	1



EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Mr. Brian Kappen
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

July 28, 2015

ENVision Project Number: 2015-381
Client Project Name: 6107 – Shorewood Queensway Dry Cleaners

Dear Mr. Kappen,

Please find the attached analytical report for the samples received July 16, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in cursive script that reads "David Norris".

David Norris

Client Services Manager
EnvisionAir



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-12 **Sample Collection START Date/Time:** 7/13/15 11:00
Envision Sample Number: 15-1464 **Sample Collection END Date/Time:** 7/13/15 11:07
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-13 **Sample Collection START Date/Time:** 7/14/15 10:10
Envision Sample Number: 15-1465 **Sample Collection END Date/Time:** 7/14/15 10:16
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	30.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-14 **Sample Collection START Date/Time:** 7/14/15 10:45
Envision Sample Number: 15-1466 **Sample Collection END Date/Time:** 7/14/15 10:50
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	20.1	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-15 **Sample Collection START Date/Time:** 7/14/15 11:10
Envision Sample Number: 15-1467 **Sample Collection END Date/Time:** 7/14/15 11:15
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	93.4	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	24.9	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-16 **Sample Collection START Date/Time:** 7/14/15 11:50
Envision Sample Number: 15-1468 **Sample Collection END Date/Time:** 7/14/15 12:00
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,1,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	75.7	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	49.2	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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 Fax: 317-351-0882
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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-17 **Sample Collection START Date/Time:** 7/14/15 12:30
Envision Sample Number: 15-1469 **Sample Collection END Date/Time:** 7/14/15 12:36
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 072315AIR

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,1,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 500	500	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	



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Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u> <u>Conc(ppbv)</u>	<u>LCS</u> <u>Rec.</u>	<u>LCSD</u> <u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	11.3	11	10	113%	110%	2.7%	
1,1,2,2-Tetrachloroethane	11.3	10.9	10	113%	109%	3.6%	
o-Xylene	11.1	10.6	10	111%	106%	4.6%	
4-Ethyltoluene	11.1	10.8	10	111%	108%	2.7%	
1,3,5-Trimethylbenzene	11	10.6	10	110%	106%	3.7%	
1,2,4-Trimethylbenzene	11.2	10.7	10	112%	107%	4.6%	
1,3-Dichlorobenzene	11.5	11	10	115%	110%	4.4%	
Benzyl Chloride	10.8	11.8	10	108%	118%	8.8%	
1,4-Dichlorobenzene	11.3	11	10	113%	110%	2.7%	
1,2-Dichlorobenzene	11.2	10.9	10	112%	109%	2.7%	
1,2,4-Trichlorobenzene	9.26	9.25	10	93%	93%	0.1%	
Hexachloro-1,3-butadiene	11.3	10.9	10	113%	109%	3.6%	
4-bromofluorobenzene (surrogate)	100%	102%					
Analysis Date/Time:	7-23-15/14:54	7-23-15/15:36					
Analyst Initials	tjg	tjg					

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadler Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: <u>Enviro Forensics</u>	P.O. Number: <u>2015590</u>
Report NIG <u>W23390</u> <u>Stem Ridge Dr.</u> Address: <u>Waukesha WI 53188</u>	Project Name or Number: <u>6107</u> <u>Shorewood Queensway</u> <u>Dry Cleaners</u>
Report To: <u>B. Kappen / K. Heimstead</u>	Sampled by: <u>K. Heimstead</u>
Phone: <u>317-972-7870</u>	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) <u>ug/m³</u> mg/m ³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days <u>Std (5 bus. days)</u>	Media type: 1LC = 1 Liter Canister 6LC = 6 Liter Canister TB = Tedlar Bag TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List



Sampling Type:
 Soil-Gas:
 Sub-Slab:
 Indoor-Air:

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Canister Pressure / Vacuum

Air Sample ID	Media Type (see code above)	Coll. Date (Grab/Comp. Start)	Coll. Time (Grab/Comp. Start)	Coll. Date (Comp. End)	Coll. Time (Comp. End)					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6107-SG-12	1LC	7-13-15	1100	7-13-15	1107	X				83840	-	-29	-2	-2	15-1464
6107-SG-13	1LC	7-14-15	1010	7-14-15	1016	X				83753	-	-29	-2	-2	15-1465
6107-SG-14	1LC	7-14-15	1045	7-14-15	1050	X				84048	-	-29	-2	-2	15-1466
6107-SG-15	1LC	7-14-15	1110	7-14-15	1115	X				83948	-	-29	-2	-2	15-1467
6107-SG-16	1LC	7-14-15	1150	7-14-15	1200	X				83836	-	-28	-2	-2	15-1468
6107-SG-17	1LC	7-14-15	1230	7-14-15	1236	X				83980	-	-29	-2	-2	15-1469

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	7-15-15		<u>FedEx</u>	7-15-15	
			<u>[Signature]</u>	7-16-15	9:50



ATTACHMENT 2
LABORATORY ANALYTICAL REPORTS

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

BRIAN KAPPEN
 ENVIROFORENSICS
 N16 W23390 STONE RIDGE DRIVE
 WAUKESHA, WI 53188

Report Date 20-Jul-15

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281A
 Sample ID 6107-SB-18-(4-6)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.0	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281A
 Sample ID 6107-SB-18-(4-6)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	105	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281B
 Sample ID 6107-SB-18-(10-12)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD

Invoice # E29281

Project # 6107

Lab Code 5029281B

Sample ID 6107-SB-18-(10-12)

Sample Matrix Soil

Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	95	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	108	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281C
 Sample ID 6107-SB-19-(2-4)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.2	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	0.073 "J"	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD

Invoice # E29281

Project # 6107

Lab Code 5029281C

Sample ID 6107-SB-19-(2-4)

Sample Matrix Soil

Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	97	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	110	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281D
 Sample ID 6107-SB-19-(14-16)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.1	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD

Invoice # E29281

Project # 6107

Lab Code 5029281D

Sample ID 6107-SB-19-(14-16)

Sample Matrix Soil

Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	109	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281E
 Sample ID 6107-SB-20-(6-8)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.4	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
Project # 6107

Invoice # E29281

Lab Code 5029281E
Sample ID 6107-SB-20-(6-8)
Sample Matrix Soil
Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	110	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	108	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	97	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281F
 Sample ID 6107-SB-20-(14-16)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.0	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD

Invoice # E29281

Project # 6107

Lab Code 5029281F

Sample ID 6107-SB-20-(14-16)

Sample Matrix Soil

Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	110	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	98	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	102	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281G
 Sample ID 6107-SB-21-(6-8)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.5	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
Project # 6107

Invoice # E29281

Lab Code 5029281G
Sample ID 6107-SB-21-(6-8)
Sample Matrix Soil
Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	93	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	100	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	111	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281H
 Sample ID 6107-SB-21-(10-12)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.3	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD

Invoice # E29281

Project # 6107

Lab Code 5029281H

Sample ID 6107-SB-21-(10-12)

Sample Matrix Soil

Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Toluene-d8	100	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	104	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	108	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 502928II
 Sample ID 6107-SB-22-(4-6)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.7	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
Project # 6107

Invoice # E29281

Lab Code 50292811
Sample ID 6107-SB-22-(4-6)
Sample Matrix Soil
Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	110	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	105	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281J
 Sample ID 6107-SB-22-(10-12)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.5	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD

Invoice # E29281

Project # 6107

Lab Code 5029281J

Sample ID 6107-SB-22-(10-12)

Sample Matrix Soil

Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	107	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	99	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281K
 Sample ID 6107-SB-23-(6-8)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.0	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
Project # 6107

Invoice # E29281

Lab Code 5029281K
Sample ID 6107-SB-23-(6-8)
Sample Matrix Soil
Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 4-Bromofluorobenzene	109	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	95	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	101	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281L
 Sample ID 6107-SB-23-(10-12)
 Sample Matrix Soil
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.2	%			1	5021		7/16/2015	MJR	1
Organic										
VOC's										
Benzene	< 0.016	mg/kg	0.016	0.049	1	8260B		7/16/2015	CJR	1
Bromobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Bromodichloromethane	< 0.015	mg/kg	0.015	0.048	1	8260B		7/16/2015	CJR	1
Bromoform	< 0.023	mg/kg	0.023	0.073	1	8260B		7/16/2015	CJR	1
tert-Butylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
sec-Butylbenzene	< 0.036	mg/kg	0.036	0.11	1	8260B		7/16/2015	CJR	1
n-Butylbenzene	< 0.086	mg/kg	0.086	0.27	1	8260B		7/16/2015	CJR	1
Carbon Tetrachloride	< 0.021	mg/kg	0.021	0.067	1	8260B		7/16/2015	CJR	1
Chlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Chloroethane	< 0.045	mg/kg	0.045	0.14	1	8260B		7/16/2015	CJR	1
Chloroform	< 0.026	mg/kg	0.026	0.081	1	8260B		7/16/2015	CJR	1
Chloromethane	< 0.25	mg/kg	0.25	0.78	1	8260B		7/16/2015	CJR	1
2-Chlorotoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
4-Chlorotoluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/16/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
Dibromochloromethane	< 0.031	mg/kg	0.031	0.098	1	8260B		7/16/2015	CJR	1
1,4-Dichlorobenzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,3-Dichlorobenzene	< 0.03	mg/kg	0.03	0.097	1	8260B		7/16/2015	CJR	1
1,2-Dichlorobenzene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/16/2015	CJR	1
Dichlorodifluoromethane	< 0.043	mg/kg	0.043	0.14	1	8260B		7/16/2015	CJR	1
1,2-Dichloroethane	< 0.03	mg/kg	0.03	0.096	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/16/2015	CJR	1
1,1-Dichloroethene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
cis-1,2-Dichloroethene	< 0.021	mg/kg	0.021	0.068	1	8260B		7/16/2015	CJR	1
trans-1,2-Dichloroethene	< 0.024	mg/kg	0.024	0.076	1	8260B		7/16/2015	CJR	1
1,2-Dichloropropane	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
2,2-Dichloropropane	< 0.1	mg/kg	0.1	0.33	1	8260B		7/16/2015	CJR	1
1,3-Dichloropropane	< 0.031	mg/kg	0.031	0.097	1	8260B		7/16/2015	CJR	1
Di-isopropyl ether	< 0.012	mg/kg	0.012	0.04	1	8260B		7/16/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
Ethylbenzene	< 0.027	mg/kg	0.027	0.086	1	8260B		7/16/2015	CJR	1
Hexachlorobutadiene	< 0.11	mg/kg	0.11	0.36	1	8260B		7/16/2015	CJR	1
Isopropylbenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/16/2015	CJR	1
p-Isopropyltoluene	< 0.056	mg/kg	0.056	0.18	1	8260B		7/16/2015	CJR	1
Methylene chloride	< 0.22	mg/kg	0.22	0.7	1	8260B		7/16/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.025	0.078	1	8260B		7/16/2015	CJR	1
Naphthalene	< 0.087	mg/kg	0.087	0.28	1	8260B		7/16/2015	CJR	1
n-Propylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/16/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.013	mg/kg	0.013	0.04	1	8260B		7/16/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.029	mg/kg	0.029	0.093	1	8260B		7/16/2015	CJR	1
Tetrachloroethene	< 0.054	mg/kg	0.054	0.17	1	8260B		7/16/2015	CJR	1
Toluene	< 0.031	mg/kg	0.031	0.099	1	8260B		7/16/2015	CJR	1
1,2,4-Trichlorobenzene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/16/2015	CJR	1
1,2,3-Trichlorobenzene	< 0.12	mg/kg	0.12	0.38	1	8260B		7/16/2015	CJR	1
1,1,1-Trichloroethane	< 0.04	mg/kg	0.04	0.13	1	8260B		7/16/2015	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/16/2015	CJR	1
Trichloroethene (TCE)	< 0.042	mg/kg	0.042	0.13	1	8260B		7/16/2015	CJR	1
Trichlorofluoromethane	< 0.06	mg/kg	0.06	0.19	1	8260B		7/16/2015	CJR	1
1,2,4-Trimethylbenzene	< 0.078	mg/kg	0.078	0.25	1	8260B		7/16/2015	CJR	1
1,3,5-Trimethylbenzene	< 0.089	mg/kg	0.089	0.28	1	8260B		7/16/2015	CJR	1
Vinyl Chloride	< 0.01	mg/kg	0.01	0.031	1	8260B		7/16/2015	CJR	1
m&p-Xylene	< 0.07	mg/kg	0.07	0.22	1	8260B		7/16/2015	CJR	1
o-Xylene	< 0.029	mg/kg	0.029	0.092	1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD

Invoice # E29281

Project # 6107

Lab Code 5029281L

Sample ID 6107-SB-23-(10-12)

Sample Matrix Soil

Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		7/16/2015	CJR	1
SUR - 4-Bromofluorobenzene	107	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Dibromofluoromethane	95	Rec %			1	8260B		7/16/2015	CJR	1
SUR - Toluene-d8	103	Rec %			1	8260B		7/16/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281M
 Sample ID 6107-SB-22W
 Sample Matrix Water
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/17/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/17/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/17/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/17/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/17/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/17/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/17/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/17/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/17/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/17/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/17/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/17/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/17/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/17/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/17/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/17/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/17/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/17/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/17/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/17/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/17/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/17/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/17/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/17/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/17/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/17/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/17/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/17/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/17/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/17/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/17/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/17/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/17/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/17/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/17/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		7/17/2015	CJR	1
SUR - 4-Bromofluorobenzene	109	REC %			1	8260B		7/17/2015	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260B		7/17/2015	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B		7/17/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 5029281N
 Sample ID 6107-SB-20W
 Sample Matrix Water
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/17/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/17/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/17/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/17/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/17/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/17/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/17/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/17/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/17/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/17/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/17/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/17/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/17/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/17/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/17/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/17/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/17/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/17/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/17/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/17/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/17/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/17/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/17/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/17/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/17/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/17/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/17/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/17/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/17/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/17/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/17/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/17/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/17/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/17/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/17/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		7/17/2015	CJR	1
SUR - 4-Bromofluorobenzene	108	REC %			1	8260B		7/17/2015	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B		7/17/2015	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		7/17/2015	CJR	1

Project Name SHOREWOOD
 Project # 6107

Invoice # E29281

Lab Code 50292810
 Sample ID TRIP BLANK
 Sample Matrix Water
 Sample Date 7/14/2015

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		7/17/2015	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		7/17/2015	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		7/17/2015	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		7/17/2015	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		7/17/2015	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		7/17/2015	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		7/17/2015	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		7/17/2015	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		7/17/2015	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		7/17/2015	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		7/17/2015	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		7/17/2015	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		7/17/2015	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		7/17/2015	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		7/17/2015	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		7/17/2015	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		7/17/2015	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		7/17/2015	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		7/17/2015	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		7/17/2015	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		7/17/2015	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		7/17/2015	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		7/17/2015	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		7/17/2015	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		7/17/2015	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		7/17/2015	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		7/17/2015	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		7/17/2015	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		7/17/2015	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		7/17/2015	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		7/17/2015	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		7/17/2015	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		7/17/2015	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		7/17/2015	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		7/17/2015	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		7/17/2015	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		7/17/2015	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		7/17/2015	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		7/17/2015	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		7/17/2015	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		7/17/2015	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		7/17/2015	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		7/17/2015	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		7/17/2015	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		7/17/2015	CJR	1
SUR - 4-Bromofluorobenzene	102	REC %			1	8260B		7/17/2015	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		7/17/2015	CJR	1

Project Name SHOREWOOD
Project # 6107

Invoice # E29281

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

<i>Code</i>	<i>Comment</i>
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



A handwritten signature in black ink, appearing to read "Michael J. Paul", is written over a horizontal line.

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No. : _____ Quote No.: _____
Project #: 6107
Sampler: (signature) [Signature]

Project (Name / Location): Shorewood Accessory Dry Cleaners / Shorewood, WI
Reports To: B. Kappen / K. Heins lead Invoice To: _____
Company: Enviro Forensics Company: _____
Address: 216 W23590 Stone Ridge Dr Address: _____
City State Zip: Waukegan WI 53188 City State Zip: _____
Phone: 317-972-7870 Phone: _____
FAX: _____ FAX: _____

Analysis Requested										Other Analysis				
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS	PID/ FID

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
<u>5029281 A</u>	<u>6107-SB-18-(4-6)</u>	<u>7/14/15</u>	<u>950</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>
<u>B</u>	<u>6107-SB-18-(10-12)</u>	<u>7/14/15</u>	<u>955</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>
<u>C</u>	<u>6107-SB-19-(2-4)</u>	<u>7/14/15</u>	<u>1210</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>
<u>D</u>	<u>6107-SB-19-(14-16)</u>	<u>7/14/15</u>	<u>1215</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>
<u>E</u>	<u>6107-SB-20-(6-8)</u>	<u>7/14/15</u>	<u>1250</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>
<u>F</u>	<u>6107-SB-20-(14-16)</u>	<u>7/14/15</u>	<u>1255</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>
<u>G</u>	<u>6107-SB-21-(6-8)</u>	<u>7/14/15</u>	<u>1355</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>
<u>H</u>	<u>6107-SB-21-(10-12)</u>	<u>7/14/15</u>	<u>1400</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>
<u>I</u>	<u>6107-SB-22-(4-6)</u>	<u>7/14/15</u>	<u>1445</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>
<u>J</u>	<u>6107-SB-22-(10-12)</u>	<u>7/14/15</u>	<u>1450</u>		<u>X</u>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>

Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PO# 2015591

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Rush
Temp. of Temp. Blank _____ °C On Ice:
Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) [Signature] Time 1:47 Date 7/15/15
Received By: (sign) [Signature] Time 1:47 Date 7/15/15

Received in Laboratory By: [Signature] Time: 8:00 Date: 7/16/15

Lab I.D. # _____
 Account No. : _____ Quote No.: _____
 Project #: 6107
 Sampler: (signature) *[Signature]*

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
 920-830-2455 • FAX 920-733-0631

Sample Handling Request
 Rush Analysis Date Required _____
 (Rushes accepted only with prior authorization)
 Normal Turn Around

Project (Name / Location): Shorewood Chemistry Dry Cleaner / Shorewood WI

Reports To: B. Knipper / M. Hamstead Invoice To: _____
 Company: EnviroForensics Company: _____
 Address: 216 W2390 Stone Ridge Dr. Address: _____
 City State Zip: Waukesha WI 5388 City State Zip: _____
 Phone: 317-972-7870 Phone: _____
 FAX: _____ FAX: _____

Analysis Requested Other Analysis

Lab I.D.	Sample I.D.	Collection		Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 512.2)	VOC (EPA 8260)	B-RCA METALS	PID/ FID
		Date	Time																					
<u>SUR 281</u>	<u>6107-SB-23-(6-8)</u>	<u>7/14/15</u>	<u>1550</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>															
	<u>6107-SB-23-(10-12)</u>	<u>7/14/15</u>	<u>1555</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>2</u>	<u>Soil</u>	<u>MeOH</u>													<input checked="" type="checkbox"/>		
	<u>6107-SB-22w</u>	<u>7/14/15</u>	<u>805</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>													<input checked="" type="checkbox"/>		
	<u>6107-SB-20w</u>	<u>7/14/15</u>	<u>830</u>		<input checked="" type="checkbox"/>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>													<input checked="" type="checkbox"/>		
	<u>TRIP BLANK</u>	<u>-</u>	<u>-</u>				<u>1</u>															<input checked="" type="checkbox"/>		

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PO# 2015591

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: Refrigerated
 Temp. of Temp. Blank: _____ °C On Ice:
 Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *[Signature]* Time: 1:48 Date: 7/15/15
 Received By: (sign) *[Signature]* Time: 1:48 Date: 7/15/15

Received in Laboratory By: *[Signature]* Time: 8:00 Date: 7/16/15



EnvisionAir
1441 Sadlier Circle West Drive
Indianapolis, IN 46239
Ph: 317-351-0885
Fax: 317-351-0882
www.envision-air.com

Mr. Brian Kappen
Enviroforensics
N16 W. 23390 Stone Ridge Dr
Suite G
Waukesha, WI 53188

July 28, 2015

ENVision Project Number: 2015-381
Client Project Name: 6107 – Shorewood Queensway Dry Cleaners

Dear Mr. Kappen,

Please find the attached analytical report for the samples received July 16, 2015. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

A handwritten signature in cursive script that reads "David Norris".

David Norris

Client Services Manager
EnvisionAir



EnvisionAir
 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Sample Summary

Canister Pressure / Vacuum

<u>Laboratory Sample Number:</u>	<u>Sample Description:</u>	<u>Matrix:</u>	<u>START</u>		<u>START</u>		<u>START</u>		<u>START</u>		<u>Lab</u> <u>Received</u>
			<u>Date</u>	<u>Time</u>	<u>Date</u>	<u>Time</u>	<u>Date</u>	<u>Time</u>	<u>Initial Field</u>	<u>Final Field</u>	
			<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Collected:</u>	<u>Received:</u>	<u>Received</u>	<u>(in. Hg)</u>	<u>(in. Hg)</u>	<u>(in. Hg)</u>
15-1464	6107-SG-12	A	7/13/15	11:00	7/13/15	11:07	7/16/15	9:50	-29	-2	-2
15-1465	6107-SG-13	A	7/14/15	10:10	7/14/15	10:16	7/16/15	9:50	-29	-2	-2
15-1466	6107-SG-14	A	7/14/15	10:45	7/14/15	10:50	7/16/15	9:50	-29	-2	-2
15-1467	6107-SG-15	A	7/14/15	11:10	7/14/15	11:15	7/16/15	9:50	-29	-2	-2
15-1468	6107-SG-16	A	7/14/15	11:50	7/14/15	12:00	7/16/15	9:50	-28	-2	-2
15-1469	6107-SG-17	A	7/14/15	12:30	7/14/15	12:36	7/16/15	9:50	-29	-2	-2



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 1441 Sadlier Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-12 **Sample Collection START Date/Time:** 7/13/15 11:00
Envision Sample Number: 15-1464 **Sample Collection END Date/Time:** 7/13/15 11:07
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,1,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	1,270	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichloroethene	15.0	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	94%		
Analysis Date/Time:	7-23-15/19:57		
Analyst Initials	tjg		



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 Indianapolis, IN 46239
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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-13 **Sample Collection START Date/Time:** 7/14/15 10:10
Envision Sample Number: 15-1465 **Sample Collection END Date/Time:** 7/14/15 10:16
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	30.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	< 31.9	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	7-23-15/20:34		
Analyst Initials	tjg		



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 1441 Sadler Circle West Drive
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 Fax: 317-351-0882
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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-14 **Sample Collection START Date/Time:** 7/14/15 10:45
Envision Sample Number: 15-1466 **Sample Collection END Date/Time:** 7/14/15 10:50
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,1,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	20.1	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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 Fax: 317-351-0882
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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	< 31.9	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	93%		
Analysis Date/Time:	7-23-15/21:10		
Analyst Initials	tjg		



EnvisionAir
 1441 Sadler Circle West Drive
 Indianapolis, IN 46239
 Ph: 317-351-0885
 Fax: 317-351-0882
 www.envision-air.com

Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-15 **Sample Collection START Date/Time:** 7/14/15 11:10
Envision Sample Number: 15-1467 **Sample Collection END Date/Time:** 7/14/15 11:15
Sample Matrix: AIR **Sample Received Date/Time:** 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,1,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	93.4	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	24.9	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	134	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	97%		
Analysis Date/Time:	7-23-15/21:47		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-16
Envision Sample Number: 15-1468
Sample Matrix: AIR

Sample Collection START Date/Time: 7/14/15 11:50
Sample Collection END Date/Time: 7/14/15 12:00
Sample Received Date/Time: 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,2,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	75.7	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	49.2	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	< 31.9	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	94%		
Analysis Date/Time:	7-23-15/22:24		
Analyst Initials	tjg		



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Client Name: ENVIROFORENSICS
Project ID: 6107 - SHOREWOOD QUEENSWAY DRY CLEANERS
Client Project Manager: BRIAN KAPPEN
EnvisionAir Project Number: 2015-381

Analytical Method: TO-15
Analytical Batch: 072315AIR

Client Sample ID: 6107-SG-17
Envision Sample Number: 15-1469
Sample Matrix: AIR

Sample Collection START Date/Time: 7/14/15 12:30
Sample Collection END Date/Time: 7/14/15 12:36
Sample Received Date/Time: 7/16/15 9:50

<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
4-Ethyltoluene	< 4920	4920	2
4-Methyl-2-pentanone (MIBK)	< 20500	20500	2
1,1,1-Trichloroethane	< 5460	5460	2
1,1,1,2-Tetrachloroethane	< 3.36	3.36	1,2
1,1,2-Trichloroethane	< 2.10	2.10	1,2
1,1-Dichloroethane	< 40.5	40.5	2
1,1-Dichloroethene	< 1980	1980	2
1,2,4-Trichlorobenzene	< 7.42	7.42	2
1,2,4-Trimethylbenzene	< 49.2	49.2	2
1,2-dibromoethane (EDB)	< 0.32	0.32	1,2
1,2-Dichlorobenzene	< 601	601	2
1,2-Dichloroethane	< 4.05	4.05	2
1,2-Dichloropropane	< 4.62	4.62	2
1,3,5-Trimethylbenzene	< 49.2	49.2	2
1,3-Butadiene	< 2.21	2.21	2
1,3-Dichlorobenzene	< 601	601	2
1,4-Dichlorobenzene	< 6.01	6.01	2
1,4-Dioxane	< 18.0	18.0	2
2-Butanone (MEK)	< 29500	29500	2
2-Hexanone	< 205	205	2
Acetone	< 23800	23800	2
Benzene	< 16.0	16.0	2
Benzyl Chloride	< 4.14	4.14	1,2
Bromodichloromethane	< 5.36	5.36	1,2
Bromoform	< 103	103	2
Bromomethane	< 38.8	38.8	2
Carbon Disulfide	< 3110	3110	2
Carbon Tetrachloride	< 6.29	6.29	2
Chlorobenzene	< 230	230	2
Chloroethane	< 132	132	2



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<u>Compounds</u>	<u>Sample Results ug/m³</u>	<u>Reporting Limit ug/m³</u>	<u>Flag</u>
Chloroform	< 8.30	8.30	2
Chloromethane	< 206	206	2
cis-1,2-Dichloroethene	< 198	198	2
cis-1,3-Dichloropropene	< 45.4	45.4	2
Cyclohexane	< 55100	55100	2
Dibromochloromethane	< 8.52	8.52	2
Dichlorodifluoromethane	< 495	495	2
Ethyl Acetate	< 18000	18000	2
Ethylbenzene	< 86.8	86.8	2
Hexachloro-1,3-butadiene	< 10.7	10.7	2
Isooctane	< 4670	4670	2
m,p-Xylene	< 434	434	2
Methylene Chloride	< 417	417	2
Methyl-tert-butyl ether	< 361	361	2
N-Heptane	< 4100	4100	2
N-Hexane	< 1760	1760	2
o-Xylene	< 434	434	2
Propylene	< 1720	1720	2
Styrene	< 4260	4260	2
Tetrachloroethene	94.3	31.9	2
Tetrahydrofuran	< 2950	2950	2
Toluene	< 37700	37700	2
trans-1,2-Dichloroethene	< 396	396	2
trans-1,3-Dichloropropene	< 45.4	45.4	2
Trichlorethene	< 10.7	10.7	2
Trichlorofluoromethane	< 5620	5620	2
Vinyl Acetate	< 1760	1760	2
Vinyl Bromide	< 4.37	4.37	2
Vinyl Chloride	< 12.8	12.8	2
4-bromofluorobenzene (surrogate)	92%		
Analysis Date/Time:	7-23-15/23:01		
Analyst Initials	tjg		



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Analytical Report

TO-15 Quality Control Data

EnvisionAir Batch Number: 072315AIR

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
4-Ethyltoluene	< 100	100	
4-Methyl-2-pentanone (MIBK)	< 500	500	
1,1,1-Trichloroethane	< 100	100	
1,1,2,2-Tetrachloroethane	< 0.049	0.049	1
1,1,2-Trichloroethane	< 0.038	0.038	1
1,1-Dichloroethane	< 1	1	
1,1-Dichloroethene	< 50	50	
1,2,4-Trichlorobenzene	< 0.1	0.1	
1,2,4-Trimethylbenzene	< 1	1	
1,2-dibromoethane (EDB)	< 0.0041	0.0041	1
1,2-Dichlorobenzene	< 10	10	
1,2-Dichloroethane	< 0.1	0.1	
1,2-Dichloropropane	< 0.1	0.1	
1,3,5-Trimethylbenzene	< 1	1	
1,3-Butadiene	< 0.1	0.1	
1,3-Dichlorobenzene	< 10	10	
1,4-Dichlorobenzene	< 0.1	0.1	
1,4-Dioxane	< 0.5	0.5	
2-Butanone (MEK)	< 1000	1000	
2-Hexanone	< 5	5	
Acetone	< 1000	1000	
Benzene	< 0.5	0.5	
Benzyl Chloride	< 0.08	0.08	1
Bromodichloromethane	< 0.08	0.08	1
Bromoform	< 1	1	
Bromomethane	< 1	1	
Carbon Disulfide	< 100	100	
Carbon Tetrachloride	< 0.1	0.1	
Chlorobenzene	< 5	5	
Chloroethane	< 5	5	
Chloroform	< 0.17	0.17	
Chloromethane	< 10	10	
cis-1,2-Dichloroethene	< 5	5	
cis-1,3-Dichloropropene	< 1	1	
Cyclohexane	< 1600	1600	
Dibromochloromethane	< 0.1	0.1	
Dichlorodifluoromethane	< 10	10	
Ethyl Acetate	< 500	500	
Ethylbenzene	< 2	2	
Hexachloro-1,3-butadiene	< 0.1	0.1	
Isooctane	< 100	100	
m,p-Xylene	< 10	10	
Methylene Chloride	< 12	12	
Methyl-tert-butyl ether	< 10	10	
N-Heptane	< 100	100	
N-Hexane	< 50	50	
o-Xylene	< 10	10	
Propylene	< 100	100	
Styrene	< 100	100	
Tetrachloroethene	< 0.47	0.47	
Tetrahydrofuran	< 100	100	



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Analytical Report

<u>Method Blank (MB):</u>	<u>MB Results (ppbv)</u>	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>
Toluene	< 1000	1000	
trans-1,2-Dichloroethene	< 10	10	
trans-1,3-Dichloropropene	< 1	1	
Trichlorethene	< 0.2	0.2	
Trichlorofluoromethane	< 100	100	
Vinyl Acetate	< 50	50	
Vinyl Bromide	< 0.1	0.1	
Vinyl Chloride	< 0.5	0.5	
4-bromofluorobenzene (surrogate)	88%		
Analysis Date/Time:	7-23-15/17:29		
Analyst Initials	tjg		

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u> <u>Conc(ppbv)</u>	<u>LCS</u> <u>Rec.</u>	<u>LCSD</u> <u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Propylene	9.7	10.7	10	97%	107%	9.8%	
Dichlorodifluoromethane	9.06	10.3	10	91%	103%	12.8%	
Chloromethane	10.3	11.4	10	103%	114%	10.1%	
Vinyl Chloride	10.9	10.4	10	109%	104%	4.7%	
1,3-Butadiene	9.65	9.36	10	97%	94%	3.1%	
Bromomethane	10.3	9.87	10	103%	99%	4.3%	
Chloroethane	11.2	10.4	10	112%	104%	7.4%	
Vinyl Bromide	8.52	8.15	10	85%	82%	4.4%	
Trichlorofluoromethane	9.22	9.66	10	92%	97%	4.7%	
Acetone	8.72	8.92	10	87%	89%	2.3%	
1,1-Dichloroethene	9.62	9.78	10	96%	98%	1.6%	
Methylene Chloride	8.39	8.37	10	84%	84%	0.2%	
Carbon Disulfide	10.1	9.99	10	101%	100%	1.1%	
trans-1,2-Dichloroethene	10.5	10.1	10	105%	101%	3.9%	
Methyl-tert-butyl ether	9.97	9.88	10	100%	99%	0.9%	
1,1-Dichloroethane	10.1	10.1	10	101%	101%	0.0%	
Vinyl Acetate	9.42	9.41	10	94%	94%	0.1%	
N-Hexane	10.5	10.3	10	105%	103%	1.9%	
2-Butanone (MEK)	11	10.6	10	110%	106%	3.7%	
cis-1,2-Dichloroethene	10.1	10.1	10	101%	101%	0.0%	
Ethyl Acetate	10.7	10.6	10	107%	106%	0.9%	
Chloroform	10.5	10.3	10	105%	103%	1.9%	
Tetrahydrofuran	10.9	10.5	10	109%	105%	3.7%	
1,2-Dichloroethane	10.9	10.6	10	109%	106%	2.8%	
1,1,1-Trichloroethane	10.5	10.2	10	105%	102%	2.9%	
Carbon Tetrachloride	10.6	10.5	10	106%	105%	0.9%	
Benzene	10.3	9.91	10	103%	99%	3.9%	
Cyclohexane	9.03	8.79	10	90%	88%	2.7%	
1,2-Dichloropropane	10.4	9.9	10	104%	99%	4.9%	
Trichlorethene	10.8	10.2	10	108%	102%	5.7%	
Bromodichloromethane	11.2	10.7	10	112%	107%	4.6%	
1,4-Dioxane	10.7	9.95	10	107%	100%	7.3%	
Isooctane	10.7	10.3	10	107%	103%	3.8%	
N-Heptane	11.3	10.8	10	113%	108%	4.5%	
cis-1,3-Dichloropropene	11.1	10.8	10	111%	108%	2.7%	
4-Methyl-2-pentanone (MIBK)	11.3	10.8	10	113%	108%	4.5%	
trans-1,3-Dichloropropene	11.2	10.8	10	112%	108%	3.6%	
1,1,2-Trichloroethane	10.9	10.4	10	109%	104%	4.7%	
Toluene	11.3	10.9	10	113%	109%	3.6%	
2-Hexanone	11.6	10.8	10	116%	108%	7.1%	
Dibromochloromethane	11.2	11.2	10	112%	112%	0.0%	
1,2-dibromoethane (EDB)	10.4	10.3	10	104%	103%	1.0%	
Tetrachloroethene	8.53	8.53	10	85%	85%	0.0%	
Chlorobenzene	10.2	10.1	10	102%	101%	1.0%	
Ethylbenzene	11	10.8	10	110%	108%	1.8%	
m,p-Xylene	22.6	21.9	20	113%	110%	3.1%	
Bromoform	11.7	11.3	10	117%	113%	3.5%	



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Analytical Report

<u>LCS/LCSD</u>	<u>LCS Results (ppbv)</u>	<u>LCSD Results (ppbv)</u>	<u>LCS/D</u> <u>Conc(ppbv)</u>	<u>LCS</u> <u>Rec.</u>	<u>LCSD</u> <u>Rec.</u>	<u>RPD</u>	<u>Flag</u>
Styrene	11.3	11	10	113%	110%	2.7%	
1,1,2,2-Tetrachloroethane	11.3	10.9	10	113%	109%	3.6%	
o-Xylene	11.1	10.6	10	111%	106%	4.6%	
4-Ethyltoluene	11.1	10.8	10	111%	108%	2.7%	
1,3,5-Trimethylbenzene	11	10.6	10	110%	106%	3.7%	
1,2,4-Trimethylbenzene	11.2	10.7	10	112%	107%	4.6%	
1,3-Dichlorobenzene	11.5	11	10	115%	110%	4.4%	
Benzyl Chloride	10.8	11.8	10	108%	118%	8.8%	
1,4-Dichlorobenzene	11.3	11	10	113%	110%	2.7%	
1,2-Dichlorobenzene	11.2	10.9	10	112%	109%	2.7%	
1,2,4-Trichlorobenzene	9.26	9.25	10	93%	93%	0.1%	
Hexachloro-1,3-butadiene	11.3	10.9	10	113%	109%	3.6%	
4-bromofluorobenzene (surrogate)	100%	102%					
Analysis Date/Time:	7-23-15/14:54	7-23-15/15:36					
Analyst Initials	tjg	tjg					



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Flag Number

Comments

- | | |
|---|--|
| 1 | Reporting limit is supported by MDL. TJG |
| 2 | Reported value is from a 10x dilution. TJG 7-27-15 |
| 3 | Reported value is from a 50x dilution. TJG 7-27-15 |

CHAIN OF CUSTODY RECORD

EnvisionAir | 1441 Sadlier Circle West Drive | Indianapolis, IN 46239 | Phone: (317) 351-0885 | Fax: (317) 351-0882

Client: <u>Enviro Forensics</u>	P.O. Number: <u>2015590</u>
Report No: <u>W23370 Stone Ridge Dr</u> Address: <u>Waukegan WI 53188</u>	Project Name or Number: <u>6107</u> <u>Shorewood Queensway</u> <u>Dry Cleaners</u>
Report To: <u>B. Kappen / K. Heimstead</u>	Sampled by: <u>K. Heimstead</u>
Phone: <u>317-972-7870</u>	QA/QC Required: (circle if applicable) Level III Level IV
Invoice Address:	Reporting Units needed: (circle) <u>ug/m³</u> mg/m ³ PPBV PPMV
Desired TAT: (Please Circle One) 1 day 2 days 3 days <u>Std (5 bus. days)</u>	Media type: 1LC = 1 Liter Canister 6LC = 6 Liter Canister TB = Tedlar Bag TD = Thermal Desorption Tube

REQUESTED PARAMETERS

TO-15 Full List

TO-15 Short List



Sampling Type:
 Soil-Gas:
 Sub-Slab:
 Indoor-Air:

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Canister Pressure / Vacuum

Air Sample ID	Media Type <small>(see code above)</small>	Coll. Date <small>(Grab/Comp. Start)</small>	Coll. Time <small>(Grab/Comp. Start)</small>	Coll. Date <small>(Comp. End)</small>	Coll. Time <small>(Comp. End)</small>					Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
6107-SG-12	1LC	7-13-15	1100	7-13-15	1107	X				83840	-	-29	-2	-2	15-1464
6107-SG-13	1LC	7-14-15	1010	7-14-15	1016	X				83253	-	-29	-2	-2	15-1465
6107-SG-14	1LC	7-14-15	1045	7-14-15	1050	X				84048	-	-29	-2	-2	15-1466
6107-SG-15	1LC	7-14-15	1110	7-14-15	1115	X				83948	-	-29	-2	-2	15-1467
6107-SG-16	1LC	7-14-15	1150	7-14-15	1200	X				83836	-	-28	-2	-2	15-1468
6107-SG-17	1LC	7-14-15	1230	7-14-15	1236	X				83980	-	-29	-2	-2	15-1469

Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	7-15-15		<u>FedEx</u>	7-15-15	
			<u>[Signature]</u>	7-16-15	9:50