



June 26, 2019

Mr. Lee Delcore
Wisconsin Department of Natural Resources
1155 Pilgrim Road
Plymouth, WI 53073

**Re: Sample Results Notification - Groundwater:
Suggar Property
3301 – 60th St.
Kenosha, WI 53144
PECFA# 53144-4143-05
BRRTS# 03-30-004964
FID# 230156410**

Dear Mr. Delcore:

The following Sample Results Notification is being provided as required by Wisconsin Administrative Code (WAC) Chapter NR 716.14(2). On June 13, 2019, groundwater samples were collected from the seven monitoring wells at the site including MW-6 and MW-7, both located on property owned by Westown LLC at 3213 – 60th Street in Kenosha, WI. Monitoring wells MW-1 and MW-8 are located within the 33rd Avenue right-of-way. The sampling was conducted to further characterize the degree and extent of petroleum groundwater contamination exceeding applicable standards that is associated with leaking underground storage tanks at the site. The sampling locations are depicted on the attached figure.

The groundwater sample laboratory results revealed contaminant concentrations exceeding groundwater quality standards at monitoring wells MW-1, MW-3, MW-6, MW-7 and MW-8. The laboratory results are summarized on the attached table. The laboratory reports are also attached.

In accordance with WAC Chapter NR 714.05 (5), additional information can be made and requests for site or facility specific responses can be submitted to the WDNR in accordance with procedures that can be found here: http://docs.legis.wisconsin.gov/code/admin_code/nr/700/714/05/5. Contact information for the site is as follows:

Responsible Party
Jose Ochoa
3301 – 60th Street
Kenosha, WI 53144
(262) 344-9754



Wisconsin Department of Natural Resources
Lee Delcore
1155 Pilgrim Road
Plymouth, WI 53073
(920) 893-8524

If you have any questions or need additional information please contact me at (262) 237-4351.

Sincerely,

Sean Cranley, P.G.
Principal Hydrogeologist

Cc: Jose Ochoa
3301 – 60th Street
Kenosha, WI 53144

Mr. Sameer Ali - Excerpt
Westown, LLC
3203 – 60th St.
Kenosha, WI 53144

Ms. Deb Salas - Excerpt
City of Kenosha
625 – 52nd St.
Kenosha, WI 53140-3480



**FIGURE 1
MONITORING
WELL LOCATION**

🔵 = MONITORING WELL

🟡 = PROPOSED MONITORING WELL



1 inch = 40 feet

DISCLAIMER This map is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, data and information located in various state, county and municipal offices and other sources affecting the area shown and is to be used for reference purposes only. Kenosha County is not responsible for any inaccuracies herein contained. If discrepancies are found, please contact Kenosha County.

Date Printed: 7/3/2018

Table 1 (Page 1 of 2)
Groundwater Sample Analytical Results Summary
Suggar Property
Kenosha, WI
Midwest Environmental Consulting
December 2016 & January 2017

Parameters	Sample Information / Results								Groundwater Quality Standards	
Sample ID	MW-1		MW-2		MW-3		MW-4		PAL	ES
Sample Date	6/6/18	6/13/19	6/6/18	6/13/19	6/6/18	6/13/19	12/20/18	6/13/19		
PVOCs (ug/l)									ug/l	ug/l
Benzene	<u>3.9</u>	<u>1.9</u>	1.9	<0.31	<0.31	1.8	<0.31	<0.31	0.5	5
Ethylbenzene	2800	1680	1680	<0.33	1250	1170	<0.33	<0.33	140	700
Methyl-tert-butyl-ether	9.6	6.1	6.1	<0.32	5.7	6.2	<0.32	<0.32	12	60
Naphthalene	<u>17.9</u>	4.9	4.9	<0.51	7.9	4.8	<0.51	<0.51	10	100
Toluene	14.6	5.5	5.5	<0.49	5.1	4.6	<0.49	<0.49	160	800
1,2,4-Trimethylbenzene	<u>231</u>	84.6	84.6	<0.34	1080	809	<0.34	<0.34	96 (1)	480 (1)
1,3,5-Trimethylbenzene	<u>5.4</u>	1.5	1.5	<0.33	76.2	15.2	<0.33	<0.33	96 (1)	480 (1)
Xylenes	<u>988.7</u>	365.1	<0.98	<0.98	<u>936.9</u>	<u>830.1</u>	<0.98	<0.98	400	2000

Notes:

Table includes detected analytes only, which are right justified in the columns.

Italic type indicates concentration exceeds PAL.

Bold type indicates concentration exceeds ES.

PVOCs - Petroleum Volatile Organic Compounds

PAL - NR 140 Preventive Action Limit

ES - NR 140 Enforcement Standard

NA - Not analyzed or not applicable

(1) - The groundwater quality stanadards are applied to the combined concentrations of 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.

Table 1 (Page 2 of 2)
Groundwater Sample Analytical Results Summary
Suggar Property
Kenosha, WI
Midwest Environmental Consulting
December 2016 & January 2017

Parameters	Sample Information / Results								Groundwater Quality Standards	
Sample ID	MW-5		MW-6		MW-7		MW-8		PAL	ES
Sample Date	6/6/18	6/13/19	12/20/18	6/13/19	12/20/18	6/13/19	12/20/18	6/13/19		
PVOCs (ug/l)									ug/l	ug/l
Benzene	<0.31	<0.31	<u>5.2</u>	<i>1.7</i>	<u>79.2</u>	<u>42.6</u>	<i>2.4</i>	<i>2.1</i>	0.5	5
Ethylbenzene	<0.33	<0.33	<u>552</u>	<i>153</i>	<u>2690</u>	<u>1440</u>	<i>455</i>	<i>584</i>	140	700
Methyl-tert-butyl-ether	<0.32	<0.32	<u>20.7</u>	5.2	<u>51.2</u>	<u>21.2</u>	6.6	6.7	12	60
Naphthalene	<0.51	<0.51	<u>80.5</u>	<i>19.6</i>	<u>277</u>	<u>127</u>	3.1	2.9	10	100
Toluene	<0.49	<0.49	12.7	4.8	<u>648</u>	<u>475</u>	2.7	4.5	160	800
1,2,4-Trimethylbenzene	<0.34	<0.34	10.9	2.3	<u>1250</u>	<u>663</u>	<u>99.9</u>	<u>162</u>	96 (1)	480 (1)
1,3,5-Trimethylbenzene	<0.33	<0.33	45.0	16.0	<u>304</u>	<u>166</u>	<0.66	<1.3	96 (1)	480 (1)
Xylenes	<0.98	<0.98	34.8	9.8	<u>2565</u>	<u>1405</u>	47.4	63.3	400	2000

Notes:

Table includes detected analytes only, which are right justified in the columns.

Italic type indicates concentration exceeds PAL.

Bold type indicates concentration exceeds ES.

PVOCs - Petroleum Volatile Organic Compounds

PAL - NR 140 Preventive Action Limit

ES - NR 140 Enforcement Standard

NA - Not analyzed or not applicable

(1) - The groundwater quality stanadards are applied to the combined concentrations of 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.

June 19, 2019

Sean Cranley
Midwest Environmental Consulting
N6395 E. Paradise Rd
Burlington, WI 53105

RE: Project: SUGGAR PROPERTY
Pace Project No.: 40189543

Dear Sean Cranley:

Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40189543001	MW-1	Water	06/13/19 15:05	06/15/19 08:10
40189543002	MW-2	Water	06/13/19 15:00	06/15/19 08:10
40189543003	MW-3	Water	06/13/19 14:30	06/15/19 08:10
40189543004	MW-4	Water	06/13/19 14:15	06/15/19 08:10
40189543005	MW-5	Water	06/13/19 14:20	06/15/19 08:10
40189543006	MW-6	Water	06/13/19 15:40	06/15/19 08:10
40189543007	MW-7	Water	06/13/19 15:30	06/15/19 08:10

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SAMPLE ANALYTE COUNT

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40189543001	MW-1	WI MOD GRO	ALD	10	PASI-G
40189543002	MW-2	WI MOD GRO	ALD	10	PASI-G
40189543003	MW-3	WI MOD GRO	ALD	10	PASI-G
40189543004	MW-4	WI MOD GRO	ALD	10	PASI-G
40189543005	MW-5	WI MOD GRO	ALD	10	PASI-G
40189543006	MW-6	WI MOD GRO	ALD	10	PASI-G
40189543007	MW-7	WI MOD GRO	ALD	10	PASI-G

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SUMMARY OF DETECTION

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40189543001	MW-1					
WI MOD GRO	Benzene	1.9J	ug/L	2.0	06/18/19 17:17	
WI MOD GRO	Ethylbenzene	1680	ug/L	22.0	06/19/19 10:53	
WI MOD GRO	Methyl-tert-butyl ether	6.1	ug/L	2.1	06/18/19 17:17	
WI MOD GRO	Naphthalene	4.9	ug/L	3.4	06/18/19 17:17	
WI MOD GRO	Toluene	5.5	ug/L	3.3	06/18/19 17:17	
WI MOD GRO	1,2,4-Trimethylbenzene	84.6	ug/L	2.3	06/18/19 17:17	
WI MOD GRO	1,3,5-Trimethylbenzene	1.5J	ug/L	2.2	06/18/19 17:17	
WI MOD GRO	m&p-Xylene	329	ug/L	4.4	06/18/19 17:17	
WI MOD GRO	o-Xylene	36.1	ug/L	2.1	06/18/19 17:17	
40189543003	MW-3					
WI MOD GRO	Benzene	1.8J	ug/L	5.1	06/18/19 14:43	
WI MOD GRO	Ethylbenzene	1170	ug/L	5.5	06/18/19 14:43	
WI MOD GRO	Methyl-tert-butyl ether	6.2	ug/L	5.4	06/18/19 14:43	
WI MOD GRO	Naphthalene	4.8J	ug/L	8.4	06/18/19 14:43	
WI MOD GRO	Toluene	4.6J	ug/L	8.2	06/18/19 14:43	
WI MOD GRO	1,2,4-Trimethylbenzene	809	ug/L	5.7	06/18/19 14:43	
WI MOD GRO	1,3,5-Trimethylbenzene	15.2	ug/L	5.4	06/18/19 14:43	
WI MOD GRO	m&p-Xylene	814	ug/L	10.9	06/18/19 14:43	
WI MOD GRO	o-Xylene	16.1	ug/L	5.2	06/18/19 14:43	
40189543006	MW-6					
WI MOD GRO	Benzene	1.7J	ug/L	2.0	06/19/19 11:19	
WI MOD GRO	Ethylbenzene	153	ug/L	2.2	06/19/19 11:19	
WI MOD GRO	Methyl-tert-butyl ether	5.2	ug/L	2.1	06/19/19 11:19	
WI MOD GRO	Naphthalene	19.6	ug/L	3.4	06/19/19 11:19	
WI MOD GRO	Toluene	4.8	ug/L	3.3	06/19/19 11:19	
WI MOD GRO	1,2,4-Trimethylbenzene	2.3	ug/L	2.3	06/19/19 11:19	
WI MOD GRO	1,3,5-Trimethylbenzene	16.0	ug/L	2.2	06/19/19 11:19	
WI MOD GRO	m&p-Xylene	7.9	ug/L	4.4	06/19/19 11:19	
WI MOD GRO	o-Xylene	1.9J	ug/L	2.1	06/19/19 11:19	
40189543007	MW-7					
WI MOD GRO	Benzene	42.6	ug/L	5.1	06/18/19 15:09	
WI MOD GRO	Ethylbenzene	1440	ug/L	5.5	06/18/19 15:09	
WI MOD GRO	Methyl-tert-butyl ether	21.2	ug/L	5.4	06/18/19 15:09	
WI MOD GRO	Naphthalene	127	ug/L	8.4	06/18/19 15:09	
WI MOD GRO	Toluene	475	ug/L	8.2	06/18/19 15:09	
WI MOD GRO	1,2,4-Trimethylbenzene	663	ug/L	5.7	06/18/19 15:09	
WI MOD GRO	1,3,5-Trimethylbenzene	166	ug/L	5.4	06/18/19 15:09	
WI MOD GRO	m&p-Xylene	1110	ug/L	10.9	06/18/19 15:09	
WI MOD GRO	o-Xylene	295	ug/L	5.2	06/18/19 15:09	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Sample: MW-1 **Lab ID: 40189543001** Collected: 06/13/19 15:05 Received: 06/15/19 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV		Analytical Method: WI MOD GRO							
Benzene	1.9J	ug/L	2.0	0.61	2		06/18/19 17:17	71-43-2	
Ethylbenzene	1680	ug/L	22.0	6.6	20		06/19/19 10:53	100-41-4	
Methyl-tert-butyl ether	6.1	ug/L	2.1	0.64	2		06/18/19 17:17	1634-04-4	
Naphthalene	4.9	ug/L	3.4	1.0	2		06/18/19 17:17	91-20-3	
Toluene	5.5	ug/L	3.3	0.98	2		06/18/19 17:17	108-88-3	
1,2,4-Trimethylbenzene	84.6	ug/L	2.3	0.68	2		06/18/19 17:17	95-63-6	
1,3,5-Trimethylbenzene	1.5J	ug/L	2.2	0.66	2		06/18/19 17:17	108-67-8	
m&p-Xylene	329	ug/L	4.4	1.3	2		06/18/19 17:17	179601-23-1	
o-Xylene	36.1	ug/L	2.1	0.63	2		06/18/19 17:17	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%	80-120		2		06/18/19 17:17	98-08-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Sample: MW-2 **Lab ID: 40189543002** Collected: 06/13/19 15:00 Received: 06/15/19 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV		Analytical Method: WI MOD GRO							
Benzene	<0.31	ug/L	1.0	0.31	1		06/18/19 10:00	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		06/18/19 10:00	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		06/18/19 10:00	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		06/18/19 10:00	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		06/18/19 10:00	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		06/18/19 10:00	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		06/18/19 10:00	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		06/18/19 10:00	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		06/18/19 10:00	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		06/18/19 10:00	98-08-8	

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ANALYTICAL RESULTS

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Sample: MW-3 **Lab ID: 40189543003** Collected: 06/13/19 14:30 Received: 06/15/19 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV									
Analytical Method: WI MOD GRO									
Benzene	1.8J	ug/L	5.1	1.5	5		06/18/19 14:43	71-43-2	
Ethylbenzene	1170	ug/L	5.5	1.6	5		06/18/19 14:43	100-41-4	
Methyl-tert-butyl ether	6.2	ug/L	5.4	1.6	5		06/18/19 14:43	1634-04-4	
Naphthalene	4.8J	ug/L	8.4	2.5	5		06/18/19 14:43	91-20-3	
Toluene	4.6J	ug/L	8.2	2.4	5		06/18/19 14:43	108-88-3	
1,2,4-Trimethylbenzene	809	ug/L	5.7	1.7	5		06/18/19 14:43	95-63-6	
1,3,5-Trimethylbenzene	15.2	ug/L	5.4	1.6	5		06/18/19 14:43	108-67-8	
m&p-Xylene	814	ug/L	10.9	3.3	5		06/18/19 14:43	179601-23-1	
o-Xylene	16.1	ug/L	5.2	1.6	5		06/18/19 14:43	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	108	%	80-120		5		06/18/19 14:43	98-08-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Sample: MW-4 **Lab ID: 40189543004** Collected: 06/13/19 14:15 Received: 06/15/19 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV									
Analytical Method: WI MOD GRO									
Benzene	<0.31	ug/L	1.0	0.31	1		06/18/19 10:26	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		06/18/19 10:26	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		06/18/19 10:26	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		06/18/19 10:26	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		06/18/19 10:26	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		06/18/19 10:26	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		06/18/19 10:26	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		06/18/19 10:26	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		06/18/19 10:26	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		06/18/19 10:26	98-08-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Sample: MW-5 **Lab ID: 40189543005** Collected: 06/13/19 14:20 Received: 06/15/19 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV		Analytical Method: WI MOD GRO							
Benzene	<0.31	ug/L	1.0	0.31	1		06/18/19 10:52	71-43-2	
Ethylbenzene	<0.33	ug/L	1.1	0.33	1		06/18/19 10:52	100-41-4	
Methyl-tert-butyl ether	<0.32	ug/L	1.1	0.32	1		06/18/19 10:52	1634-04-4	
Naphthalene	<0.51	ug/L	1.7	0.51	1		06/18/19 10:52	91-20-3	
Toluene	<0.49	ug/L	1.6	0.49	1		06/18/19 10:52	108-88-3	
1,2,4-Trimethylbenzene	<0.34	ug/L	1.1	0.34	1		06/18/19 10:52	95-63-6	
1,3,5-Trimethylbenzene	<0.33	ug/L	1.1	0.33	1		06/18/19 10:52	108-67-8	
m&p-Xylene	<0.66	ug/L	2.2	0.66	1		06/18/19 10:52	179601-23-1	
o-Xylene	<0.32	ug/L	1.0	0.32	1		06/18/19 10:52	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		06/18/19 10:52	98-08-8	

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ANALYTICAL RESULTS

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Sample: MW-6 **Lab ID: 40189543006** Collected: 06/13/19 15:40 Received: 06/15/19 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV									
Analytical Method: WI MOD GRO									
Benzene	1.7J	ug/L	2.0	0.61	2		06/19/19 11:19	71-43-2	
Ethylbenzene	153	ug/L	2.2	0.66	2		06/19/19 11:19	100-41-4	
Methyl-tert-butyl ether	5.2	ug/L	2.1	0.64	2		06/19/19 11:19	1634-04-4	
Naphthalene	19.6	ug/L	3.4	1.0	2		06/19/19 11:19	91-20-3	
Toluene	4.8	ug/L	3.3	0.98	2		06/19/19 11:19	108-88-3	
1,2,4-Trimethylbenzene	2.3	ug/L	2.3	0.68	2		06/19/19 11:19	95-63-6	
1,3,5-Trimethylbenzene	16.0	ug/L	2.2	0.66	2		06/19/19 11:19	108-67-8	
m&p-Xylene	7.9	ug/L	4.4	1.3	2		06/19/19 11:19	179601-23-1	
o-Xylene	1.9J	ug/L	2.1	0.63	2		06/19/19 11:19	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	107	%	80-120		2		06/19/19 11:19	98-08-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Sample: MW-7 **Lab ID: 40189543007** Collected: 06/13/19 15:30 Received: 06/15/19 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV									
Analytical Method: WI MOD GRO									
Benzene	42.6	ug/L	5.1	1.5	5		06/18/19 15:09	71-43-2	
Ethylbenzene	1440	ug/L	5.5	1.6	5		06/18/19 15:09	100-41-4	
Methyl-tert-butyl ether	21.2	ug/L	5.4	1.6	5		06/18/19 15:09	1634-04-4	
Naphthalene	127	ug/L	8.4	2.5	5		06/18/19 15:09	91-20-3	
Toluene	475	ug/L	8.2	2.4	5		06/18/19 15:09	108-88-3	
1,2,4-Trimethylbenzene	663	ug/L	5.7	1.7	5		06/18/19 15:09	95-63-6	
1,3,5-Trimethylbenzene	166	ug/L	5.4	1.6	5		06/18/19 15:09	108-67-8	
m&p-Xylene	1110	ug/L	10.9	3.3	5		06/18/19 15:09	179601-23-1	
o-Xylene	295	ug/L	5.2	1.6	5		06/18/19 15:09	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	109	%	80-120		5		06/18/19 15:09	98-08-8	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

QC Batch: 324751 Analysis Method: WI MOD GRO
 QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
 Associated Lab Samples: 40189543001, 40189543002, 40189543003, 40189543004, 40189543005, 40189543006, 40189543007

METHOD BLANK: 1885139 Matrix: Water
 Associated Lab Samples: 40189543001, 40189543002, 40189543003, 40189543004, 40189543005, 40189543006, 40189543007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.34	1.1	06/18/19 08:18	
1,3,5-Trimethylbenzene	ug/L	<0.33	1.1	06/18/19 08:18	
Benzene	ug/L	<0.31	1.0	06/18/19 08:18	
Ethylbenzene	ug/L	<0.33	1.1	06/18/19 08:18	
m&p-Xylene	ug/L	<0.66	2.2	06/18/19 08:18	
Methyl-tert-butyl ether	ug/L	<0.32	1.1	06/18/19 08:18	
Naphthalene	ug/L	<0.51	1.7	06/18/19 08:18	
o-Xylene	ug/L	<0.32	1.0	06/18/19 08:18	
Toluene	ug/L	<0.49	1.6	06/18/19 08:18	
a,a,a-Trifluorotoluene (S)	%	104	80-120	06/18/19 08:18	

LABORATORY CONTROL SAMPLE & LCSD: 1885140 1885141

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	19.5	19.5	97	98	80-120	0	20	
1,3,5-Trimethylbenzene	ug/L	20	19.6	19.7	98	99	80-120	1	20	
Benzene	ug/L	20	20.4	20.4	102	102	80-120	0	20	
Ethylbenzene	ug/L	20	19.8	20.0	99	100	80-120	1	20	
m&p-Xylene	ug/L	40	39.6	39.9	99	100	80-120	1	20	
Methyl-tert-butyl ether	ug/L	20	19.0	19.2	95	96	80-120	1	20	
Naphthalene	ug/L	20	18.2	18.6	91	93	80-120	2	20	
o-Xylene	ug/L	20	19.9	19.9	99	99	80-120	0	20	
Toluene	ug/L	20	20.2	20.3	101	101	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%				102	103	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1885471 1885472

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40189543002 Result	Spike Conc.	Spike Conc.	MS Result						
1,2,4-Trimethylbenzene	ug/L	<0.34	20	20	17.1	17.1	86	85	72-135	0	20
1,3,5-Trimethylbenzene	ug/L	<0.33	20	20	17.7	17.6	88	88	67-134	0	20
Benzene	ug/L	<0.31	20	20	21.2	21.0	106	105	80-122	1	20
Ethylbenzene	ug/L	<0.33	20	20	20.1	19.7	101	98	80-129	2	20
m&p-Xylene	ug/L	<0.66	40	40	38.9	38.2	97	96	80-124	2	20
Methyl-tert-butyl ether	ug/L	<0.32	20	20	19.9	19.4	100	97	80-120	3	20
Naphthalene	ug/L	<0.51	20	20	18.1	17.5	90	87	78-132	3	20
o-Xylene	ug/L	<0.32	20	20	19.8	19.6	99	98	80-124	1	20
Toluene	ug/L	<0.49	20	20	20.8	20.7	104	103	80-122	1	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1885471 1885472												
Parameter	Units	40189543002 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
a,a,a-Trifluorotoluene (S)	%						102	101	80-120			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUGGAR PROPERTY

Pace Project No.: 40189543

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40189543001	MW-1	WI MOD GRO	324751		
40189543002	MW-2	WI MOD GRO	324751		
40189543003	MW-3	WI MOD GRO	324751		
40189543004	MW-4	WI MOD GRO	324751		
40189543005	MW-5	WI MOD GRO	324751		
40189543006	MW-6	WI MOD GRO	324751		
40189543007	MW-7	WI MOD GRO	324751		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: *Midwest Env. Consulting*
 Branch/Location: *Burlington, WI*
 Project Contact: *Sean Cranley*
 Phone: *262-237-4351*
 Project Number:
 Project Name: *Sugar Property*
 Project State: *WI*
 Sampled By (Print): *Sean Cranley*
 Sampled By (Sign): *Sean Cranley*
 PO #:



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

40189543

Page 17 of 19

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)

PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested																
<i>N</i>	<i>B</i>	<i>PVOCs, NapH</i>	<i>X</i>															

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address:
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address:
 Invoice To Phone:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
<i>001</i>	<i>MW-1</i>	<i>6/13/19</i>	<i>1505</i>	<i>GW</i>
<i>002</i>	<i>MW-2</i>		<i>1500</i>	
<i>003</i>	<i>MW-3</i>		<i>1430</i>	
<i>004</i>	<i>MW-4</i>		<i>1415</i>	
<i>005</i>	<i>MW-5</i>		<i>1420</i>	
<i>006</i>	<i>MW-6</i>		<i>1540</i>	
<i>007</i>	<i>MW-7</i>		<i>1530</i>	

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1: *mwenvirocon@gmail.com*
 Email #2:
 Telephone:
 Fax:

Relinquished By: *Sean Cranley* Date/Time: *6/14/19 11:28*
 Relinquished By: *Mary Janni* Date/Time: *6/14/19 1310*
 Relinquished By: *CS Logistics* Date/Time: *6/15/19 810*
 Relinquished By: _____ Date/Time: _____

Received By: *Mary Janni* Date/Time: *6/14/19 11:24*
 Received By: *Joselyn* Date/Time: *6/15/19 810*
 Received By: _____ Date/Time: _____

PACE Project No. *40189543*
 Receipt Temp = *DAF* °C
 Sample Receipt pH
 OK / Adjusted
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

Client Name: Midwest con

Sample Preservation Receipt Form

Project # 40189543

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 100
Green Bay, WI 54302

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/ Time:

Pace Lab #	Glass						Plastic						Vials				Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤	pH after adjusted	Volume (mL)									
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU								WPFU	SP5T	ZPLC	GN					
001																																						
002																	3																				2.5 / 5 / 10	
003																3																					2.5 / 5 / 10	
004																3																					2.5 / 5 / 10	
005																3																					2.5 / 5 / 10	
006																3																					2.5 / 5 / 10	
007																3																					2.5 / 5 / 10	
008																3																					2.5 / 5 / 10	
009																																					2.5 / 5 / 10	
010																																					2.5 / 5 / 10	
011																																					2.5 / 5 / 10	
012																																					2.5 / 5 / 10	
013																																					2.5 / 5 / 10	
014																																					2.5 / 5 / 10	
015																																					2.5 / 5 / 10	
016																																					2.5 / 5 / 10	
017																																					2.5 / 5 / 10	
018																																					2.5 / 5 / 10	
019																																					2.5 / 5 / 10	
020																																					2.5 / 5 / 10	

Exceptions to preservation check: VOA Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	



Document Name: Sample Condition Upon Receipt (SCUR)
Document No.: F-GB-C-031-Rev.07

Document Revised: 25Apr2018
Issuing Authority: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: Midwest Consulting
Courier: CS Logistics Fed Ex Speedee UPS Walto
 Client Pace Other: _____

WO#: **40189543**



Tracking #: _____
Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
Custody Seal on Samples Present: yes no Seals intact: yes no
Packing Material: Bubble Wrap Bubble Bags None Other
Thermometer Used: SR - N/A Type of Ice: Wet Samples on ice, cooling process has begun
Cooler Temperature: Uncorr: 20.1 / Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no
Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Person examining contents:
Date: 6/15/2019
Initials: JL

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>NO MAIL / INVOICE 6/15/2019</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>only sample ID and Project name 6/15/19</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

If checked, see attached form for additional comments

Client Notification/ Resolution: _____
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: use project name to identify project 6/15/19 JL

Project Manager Review: [Signature]

Date: 6/17/19