August 16, 2018

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

Re: Cost Cap Exceedance Request – Site Investigation Activities at:
Suggar Property
3301 – 60th Street
Kenosha, WI 53144
PECFA# 53144-4143-05
BRRTS# 03-30-004964

Dear Mr. Delcore:

Midwest Environmental Consulting (MEC) is hereby requesting an exceedance of the Petroleum Environmental Cleanup Fund (PECFA) site investigation cost cap from $32,211.27 as approved by your May 1, 2018 letter to $40,430.38 for costs related to additional monitoring well installation, sub-slab vapor sampling and a survey of the basements of down-gradient structures.

To date, MEC has completed the Site Investigation Work Plan, direct-push soil and groundwater sampling activities, as well as groundwater monitoring well installation, development, sampling and surveying. In addition, MEC collected one sub-slab vapor sample from the on-site building. The sampling locations are illustrated on Figure 1.

Soil contamination to the north, west and south was previously defined during the direct-push sampling activities in 2016 and 2017. The laboratory results for soil sample SB-1 (9.5'-11') collected in May 2018 from the east side of the 33rd Avenue right-of-way did not exhibit any petroleum contaminant concentrations exceeding the residual contaminant levels (RCLs). As a consequence, the extent of soil contamination is considered to be defined. The SB-1 (9.5-11') soil sample analytical results are summarized on Table 1. The laboratory report is attached.

Results from the groundwater monitoring well sampling in June 2018 defined the extent of groundwater contamination to the north (MW-4), west (MW-5) and south (MW-2). However, concentrations exceeding enforcement standards were present at down-gradient monitoring well MW-1 to the east of the site. Groundwater contaminant concentrations at monitoring well MW-8 exceeded preventive action limits, but not enforcement standards. As a consequence, groundwater contamination at the site remains undefined

in the down-gradient direction from MW-1, which is generally to the east-northeast. The groundwater quality exceedance distribution is illustrated on Figure 2. The groundwater flow direction is illustrated on Figures 3 and 4. The groundwater monitoring well results are summarized on Table 2 and the laboratory report is attached. The groundwater elevations are summarized on Table 3.

As a consequence of the above, as we discussed on August 1, 2018, MEC is proposing to install two new groundwater monitoring wells to the east of MW-1.

The sub-slab vapor sample (VP-1) results exhibited the concentration of one volatile organic compound (VOC), naphthalene at 28.6 micrograms per cubic meter (ug/m^3) that was slightly above the residential vapor risk screening level (VRSL) of 28 ug/m^3. The naphthalene concentration was well below the small commercial VRSL of 120 ug/m^3. All other detected parameters were at concentrations well below VRSLs. The VP-1 vapor sampling location is depicted on the Figure 1. The VP-1 laboratory results are summarized on Table 4. The laboratory report is attached.

Although small commercial VRSLs, which were not exceeded, apply to the automobile service garage, the residential VRSLs apply to the apartment within the building. Therefore, the naphthalene concentration is an exceedance for the residential use at the property, requiring further assessment and potentially additional sampling.

The apartment is located on the second floor at the rear (south end) of the building, away from the source areas. The south end of the shop area is located beneath the apartment and we had discussed previously the possibility of screening out vapor intrusion of the apartment based on this intervening space. However, there is a sub-grade basement area in the southwest corner of the structure below both the shop area and the apartment. The basement houses the forced air furnace for the apartment with a chimney that runs up through the apartment, discharging above the roof. The municipal water/plumbing connections and water heater for the apartment, as well as the sanitary sewer drains are also located in this basement.

The basement is accessed through a stairway that leads to a first-floor garage, which has a door leading to the stairwell accessing the second-floor apartment. No sump is present in the basement. According to Jose Ochoa, the site owner, the basement is dry. No evidence of groundwater seeps were observed. Air conditioning for the apartment is provided by second floor window air conditioners. The basement configuration is depicted on Figure 1.

In light of the naphthalene residential VRSL exceedance below the building and the presence of the subgrade basement with the furnace and utilities as well as the interior access from the basement to the second-floor apartment, it is MEC's opinion that sub-slab vapor sampling of the basement is warranted.

As we discussed, a survey of the basements of the buildings on the south side of 60th Street between 33rd Avenue and 32nd Avenue will need to be performed in order to assist in the screening of the down-gradient buildings for contaminated groundwater and/or vapor intrusion. Based on the groundwater

results for MW-1 exceeding enforcement standards and the depth to water of approximately 10 feet below land surface (bls), there exists a potential for groundwater contamination exceeding preventive action limits entering the down gradient buildings or being in contact with the foundations. Under Wisconsin Department of Natural Resources guidelines, the presence of either of these conditions would require the performance of vapor sampling.

Proposed Scope of Services: MEC proposes to install and develop two flush-mount groundwater monitoring wells downgradient of MW-1, to an estimated maximum depth of 18 feet bls with 10-foot screen sections. Soil core sampling will be conducted during the borings to characterize subsurface conditions and facilitate proper well installation. If observed conditions appear to warrant it, one soil sample from each boring will be collected and submitted for analysis of petroleum volatile organic compounds (PVOCs) and naphthalene. However, the need for soil sampling and analysis is deemed unlikely. The proposed well locations are illustrated on Figure 5.

The two newly installed monitoring wells will be sampled for PVOCs and naphthalene. The elevations of the two new wells will be surveyed relative to the USGS datum reference point used for the other site wells. In addition to the newly installed monitoring wells, depth to water measurements will be collected at the other wells associated with the site (MW-1 to MW-5 and MW-8) during both the well development and sampling activities.

MEC will collect one sub-slab vapor sample within the basement area beneath the second-floor apartment at the rear of the onsite building. The sample will be collected with a Summa canister for analysis of VOCs using the TO-15 analytical method. The proposed vapor sampling location is illustrated on Figure 1.

MEC will conduct a survey of the basements of the buildings between 33rd Avenue and 32nd Avenue on the south side of 60th Street. The depths of the basements and type of construction will be evaluated along with presence of odors, floor and wall cracks, penetrations such as sumps and drains, and for the occurrence of dampness or water seeps to assist in screening for potential contaminated vapor or groundwater intrusion of the structures. The nature of the mechanical systems present in the basements that are serving the buildings will be assessed.

A photoionization detector and four-gas meter will be used to screen the atmospheres within the basements as well as any sumps, drains or other foundation penetrations for volatile organic vapors and percent of the lower explosive limits.

The basement survey will be conducted prior to sub-slab vapor sampling of the onsite basement so that if additional sub-slab vapor sampling is warranted, such sampling can be conducted during one field mobilization.

Eight hours of staff professional time are included to coordinate, conduct and document the basement assessment activities and findings. The basement assessment costs are outlined below.

Basement Assessment Costs	
Staff Professional – 8 hours at $91.39	$731.12

The soil boring solids as well as the well development and purge water will properly containerized and disposed.

Cost Estimate: With the exception of the variance costs for the basement assessment, MEC will perform all activities in accordance with the Usual & Customary Costs Schedule in place at the time of performance. The costs for the proposed activities outlined above are estimated at $8,219.11. The estimated costs are provided on the attached Usual & Customary Cost spreadsheet. The estimated total site investigation costs are outlined below.

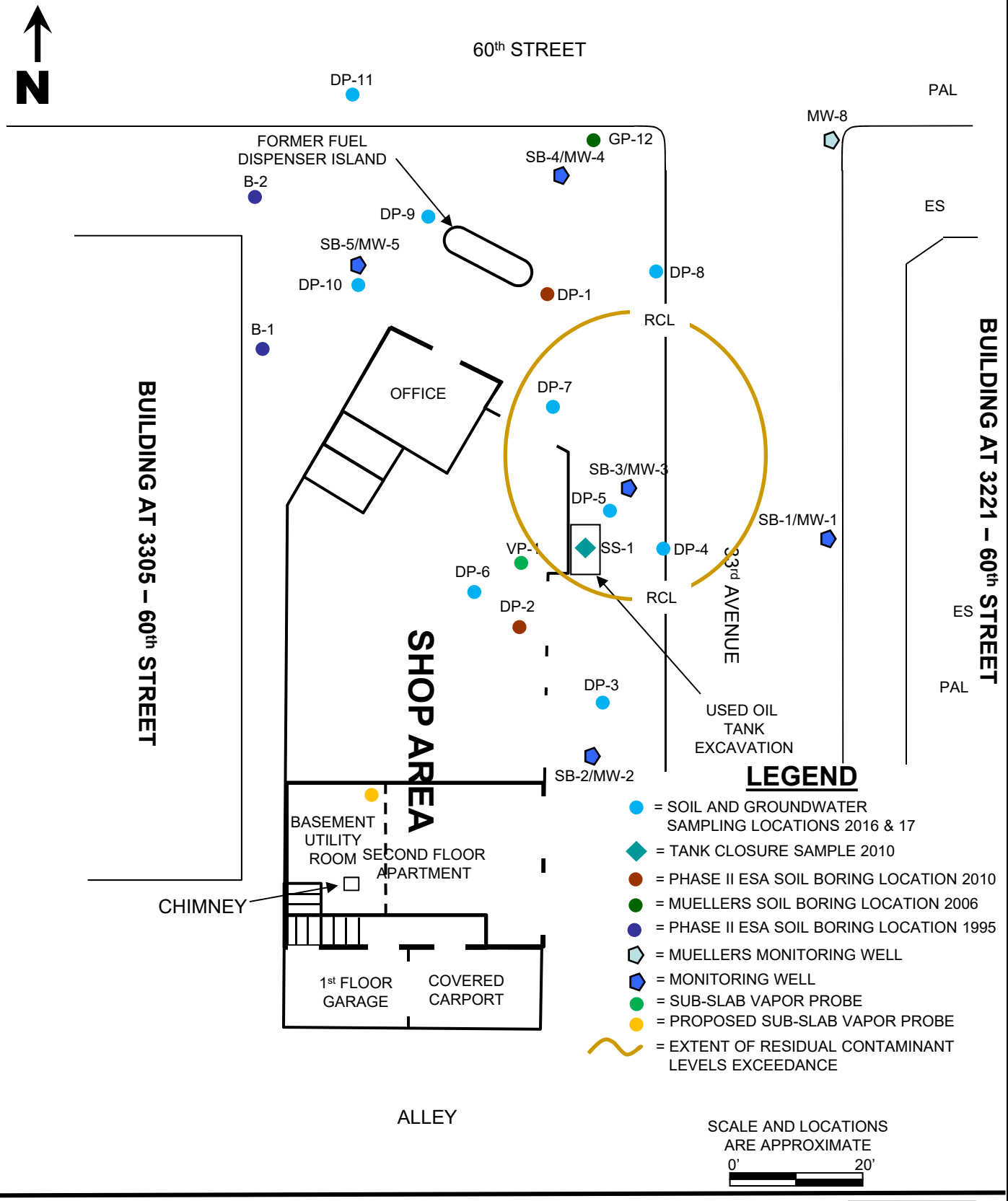
Costs approved to date	$32,211.27
Estimated costs to complete above outlined scope of services	$8,219.11
Estimated Total Investigation Costs	$40,430.38

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 – Responsible Party



Approved By:	Sean Cranley
Date Approved:	8/16/18
Date Drawn:	8/16/18
Drawn By:	Sean Cranley
Figure:	1
	1 of: 5

FIGURE 1

SOIL RESIDUAL CONTAMINANT LEVEL EXCEEDANCE DISTRIBUTION

3301 – 60th STREET

KENOSHA, WI

Midwest Environmental Consulting, LLC

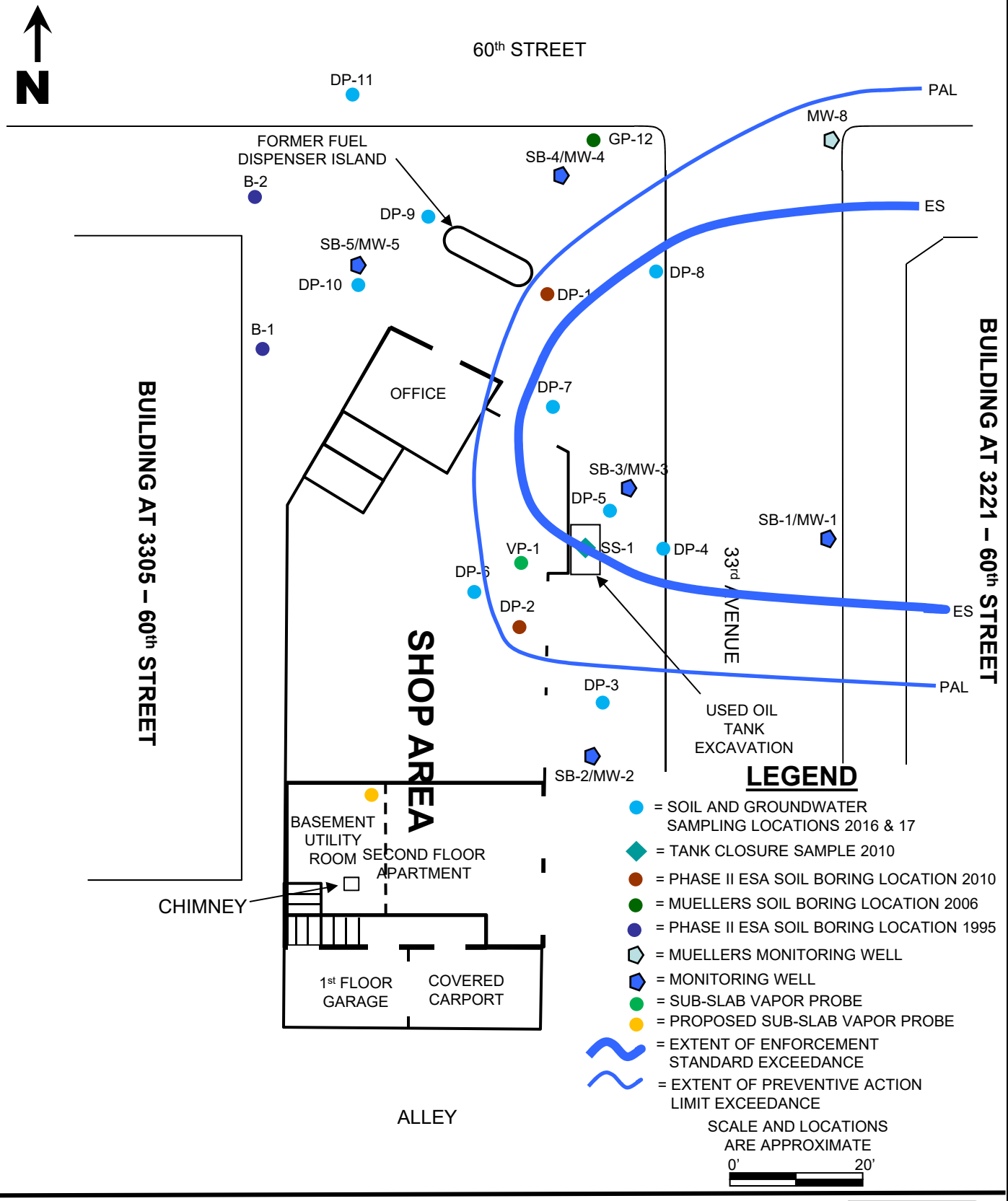


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Figure:	2
	2 of 5

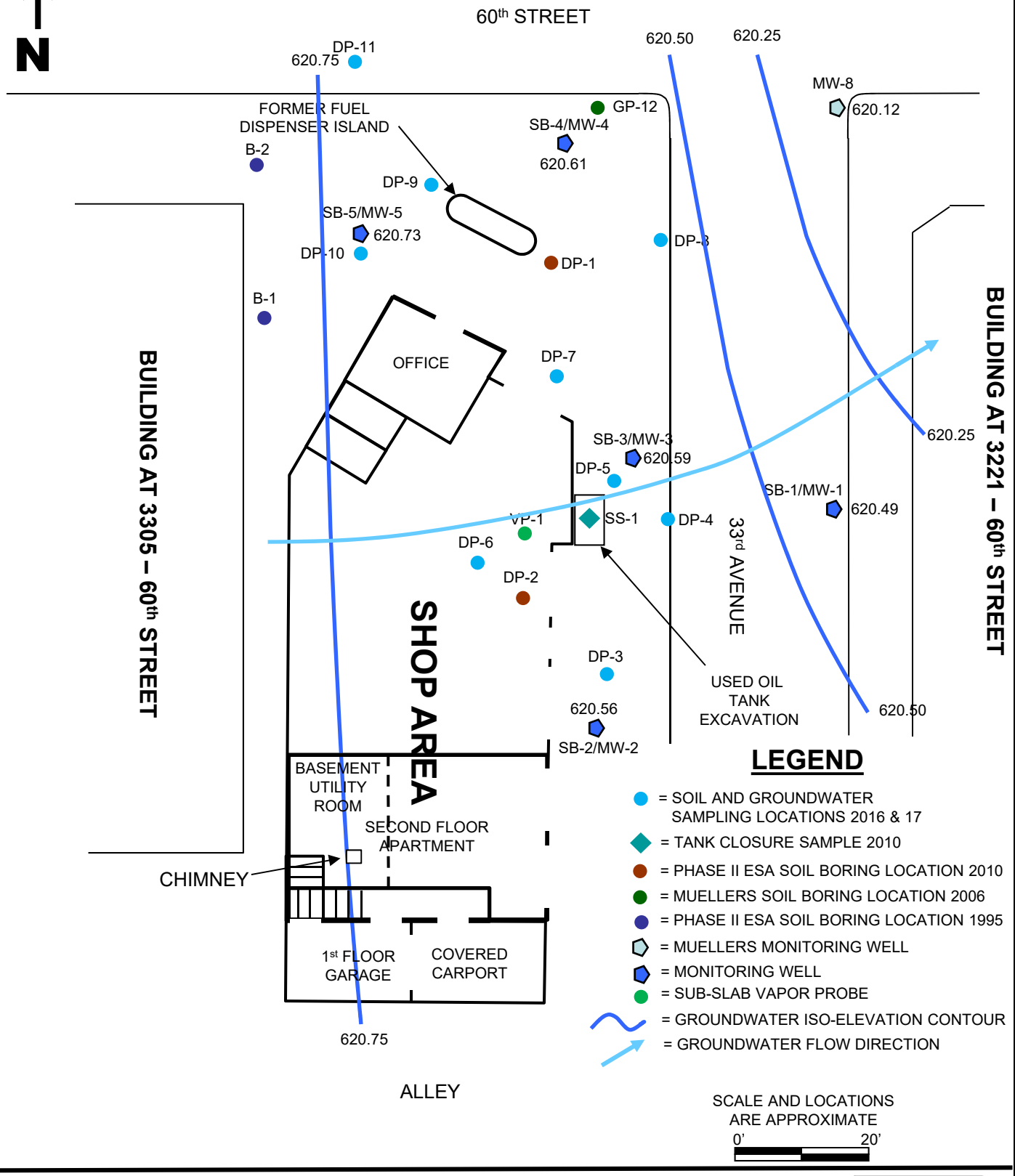
FIGURE 2

GROUNDWATER QUALITY STANDARD EXCEEDANCE DISTRIBUTION

3301 – 60th STREET

KENOSHA, WI

Midwest Environmental Consulting, LLC



Approved By:	Sean Cranley
Date Approved:	8/16/18
Date Drawn:	8/16/18
Drawn By:	Sean Cranley
Figure:	3
	3 of: 5

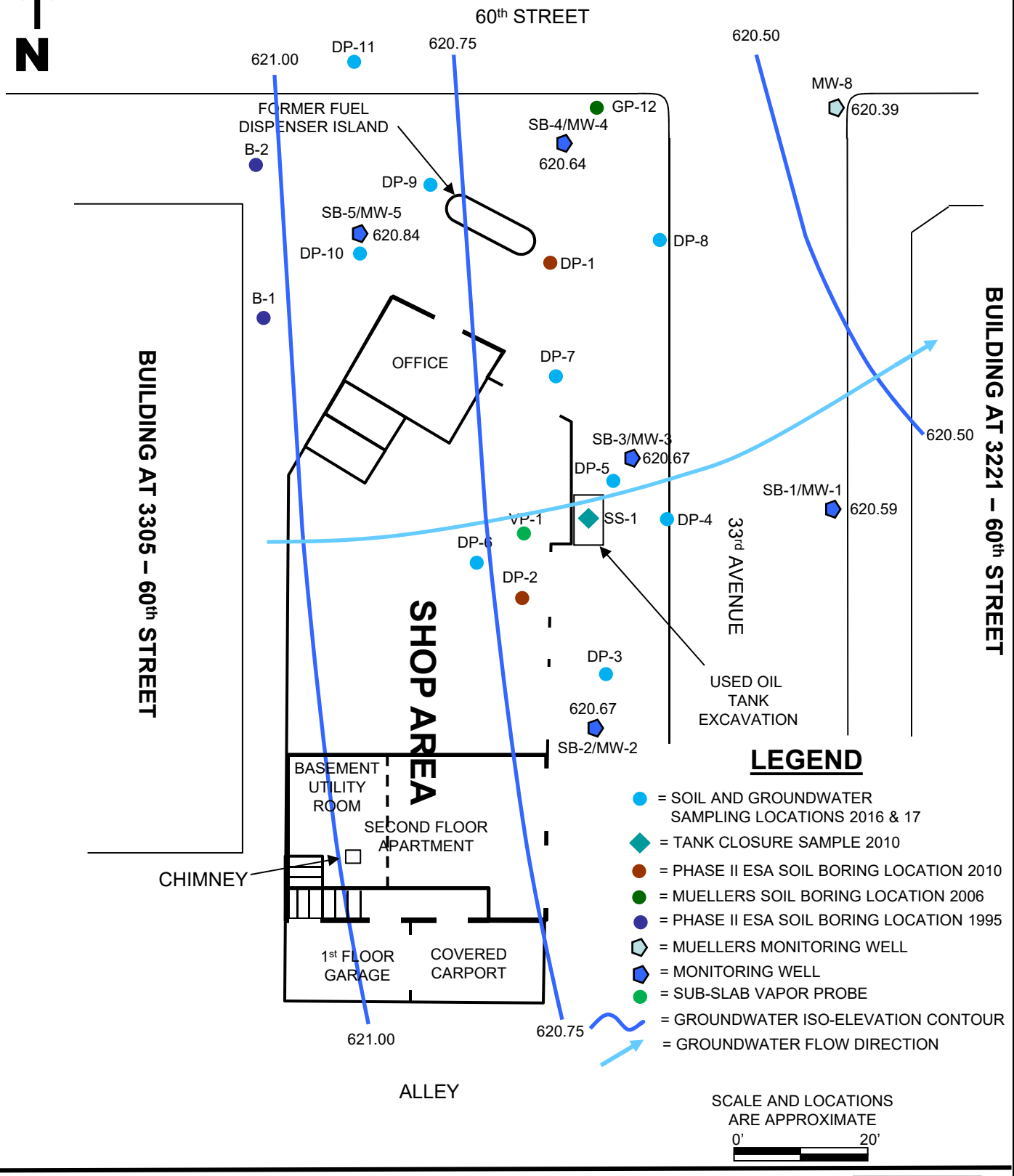
FIGURE 3

GROUNDWATER FLOW DIRECTION – 7/2/2018

3301 – 60th STREET

KENOSHA, WI

Midwest Environmental Consulting, LLC



Approved By:	Sean Cranley
Date Approved:	8/16/18
Date Drawn:	8/16/18
Drawn By:	Sean Cranley
Figure:	4
	4 of: 5

FIGURE 4

GROUNDWATER FLOW DIRECTION – 7/11/2018

3301 – 60th STREET

KENOSHA, WI

Midwest Environmental Consulting, LLC

KENOSHA COUNTY INTERACTIVE MAPPING

FIGURE 5
PROPOSED MONITORING WELL LOCATIONS

= MONITORING WELL

= PROPOSED MONITORING WELL

1 inch = 40 feet

Date Printed: 7/3/2018

Table 1
Soil Analytical Summary
Suggar Property
3100 60th Street
Kenosha, WI

Parameters	Sample Information / Results	Residual Contaminant Levels			
Sample ID	**SB-1**				
Sample Depth (ft/bls)	**9.5-11**	**Groundwater Protection**	**Not to Exceed Non-Industrial Direct Contact**	**Not to Exceed Industrial Direct Contact Protection**	
Saturation Depth (ft/bls)	**11**				
Saturated / Unsaturated	**Unsaturated**				
Sample Date	**05/14/18**				
VOCs (ug/kg)		ug/kg	ug/kg	ug/kg	
1,2,4-Trimethylbenzene	29	1,378.7*	219,000	219,000	
1,3,5-Trimethylbenzene	<25.0	1,378.7*	182,000	182,000	
Ethylbenzene	<25.0	1,570	8,020	35,400	
Isopropylbenzene (Cumene)	NA	NS	268,000	268,000	
Naphthalene	<25.0	658.2	5,520	24,100	
Tetrachloroethene	NA	4.5	33,000	145,000	
Toluene	<25.0	1,107.2	818,000	818,000	
Xylenes	<75.0	3,960	260,000	260,000	
n-Butylbenzene	NA	NS	108,000	108,000	
n-Propylbenzene	NA	NS	264,000	264,000	
p-Isopropyltoluene	NA	NS	162,000	162,000	
sec-Butylbenzene	NA	NS	145,000	145,000	
tert-Butylbenzene	NA	NS	183,000	183,000	
PAHs (ug/kg)		ug/kg	ug/kg	ug/kg	
Acenaphthene	NA	NS	3,590,000	45,200,000	
Acenaphthylene	NA	NS	NS	NS	
Anthracene	NA	196,949.2	17,900,000	100,000,000	
Benzo(a)anthracene	NA	NS	1,140	20,800	
Benzo(a)pyrene	NA	470	115	211	
Benzo(b)fluoranthene	NA	478.1	1,150	21,100	
Benzo(g,h,i)perylene	NA	NS	NS	NS	
Chrysene	NA	144.2	115,000	211,000	
Dibenz(a,h)anthracene	NA	NS	115	2,110	
Fluoranthene	NA	88,877.8	2,390,000	30,100,000	
Fluorene	NA	14,829.9	2,390,000	30,100,000	
Indeno(1,2,3-cd)pyrene	NA	NS	1,150	21,100	
1-Methylnaphthalene	NA	NS	17,600	72,700	
2-Methylnaphthalene	NA	NS	229,000	2,200,000	
Naphthalene	NA	658.2	5,520	24,100	
Phenanthrene	NA	NS	NS	NS	
Pyrene	NA	54,545.5	1,790,000	22,600,000	
RCRA Metals (mg/kg)		mg/kg	mg/kg	mg/kg	**Background**
Cadmium	NA	0.752	71.1	985	1
Lead	NA	27	400	800	52

Notes:

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

Bold type indicates concentration within the upper 4 feet of the subsurface exceeds the non-industrial direct contact RCL and, if applicable, the background level, thus constituting a soil standard exceedance.

Italic type indicates a concentration exceeds the groundwater protection RCL and, if applicable the background level, thus constituting a soil standard exceedance.

RCL - Residual Contaminant Level

VOCs - Volatile Organic Compounds

PAHs - Polynuclear Aromatic Hydrocarbons

RCRA - Resource Conservation & Recovery Act

NS - No Standard

NA - Not Applicable/Not Analyzed

(1) The groundwater protection RCL applies to combined trimethylbenzenes.

Table 2
Groundwater Monitoring Well Sample Analytical Results Summary
Suggar Property
Kenosha, WI
Midwest Environmental Consulting

Parameters	Sample Information / Results						Groundwater Quality Standards	
Sample ID	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-8**	**PAL**	**ES**
Sample Date	**6/6/18**	**6/6/18**	**6/6/18**	**6/6/18**	**6/6/18**	**6/6/18**		
PVOCs (ug/l)							ug/l	ug/l
Benzene	*3.9*	<0.31	<0.31	<0.31	<0.31	*2.4*	0.5	5
Ethylbenzene	**2800**	<0.33	**1250**	<0.33	<0.33	*455*	140	700
Methyl-tert-butyl-ether	9.6	<0.32	5.7	<0.32	<0.32	6.6	12	60
Naphthalene	*17.9*	<0.51	7.9	<0.51	<0.51	3.1	10	100
Toluene	14.6	<0.49	5.1	<0.49	<0.49	2.7	160	800
1,2,4-Trimethylbenzene	*231*	<0.34	**1080**	<0.34	<0.34	*99.9*	96 (1)	480 (1)
1,3,5-Trimethylbenzene	*5.4*	<0.33	**76.2**	<0.33	<0.33	<0.66	96 (1)	480 (1)
Xylenes	*988.7*	<0.98	*936.9*	<0.98	<0.98	47.4	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 3
Groundwater Elevation Measurements
Suggar Property
Kenosha, WI

Measurement	Well ID, Date																	
	MW-1			MW-2			MW-3			MW-4			MW-5			MW-8		
	6/13/18	7/2/18	7/11/18	6/13/18	7/2/18	7/11/18	6/21/18	7/2/18	7/11/18	6/13/18	7/2/18	7/11/18	6/13/18	7/2/18	7/11/18	7/2/18	7/11/18
TOC Elevation (ft)		629.85			630.81			630.57			630.86			631.52			630.09	
Depth to Groundwater Below TOC (ft)	9.24	9.36	9.26	10.09	10.25	10.14	9.80	9.98	9.90	10.12	10.25	10.22	10.61	10.79	10.68	9.97	9.70
Groundwater Elevation (ft)	620.61	620.49	620.59	620.72	620.56	620.67	620.77	620.59	620.67	620.74	620.61	620.64	620.91	620.73	620.84	620.12	620.39
Ground Surface Elevation (ft)		630.40			631.30			631.00			631.40			632.00			630.60	
Groundwater Depth Below Ground Surface (ft)	9.79	9.91	9.81	10.58	10.74	10.63	10.23	10.41	10.33	10.66	10.79	10.76	11.09	11.27	11.16	10.48	10.21
TOS Elevation (ft)		624.4			625.8			624.0			625.5			624.8			622.4	
Screened Length (ft)		10			10			10			10			10			10	
Water Column Height (ft)	6.3	6.1	6.2	4.9	4.8	4.9	6.8	6.6	6.7	5.3	5.2	5.2	6.1	5.9	6.0	7.7	8.0	
Total Well Depth (ft)		15.5			15.0			16.6			15.4			16.7			17.7	
Well Volume (gal)	5.8	5.7	NA	4.5	4.3	NA	6.1	6.0	NA	4.8	4.7	NA	5.6	5.4	5.4	7.3	NA	
Volume Removed (gal)	48	17	NA	45	15	NA	35	18	NA	20	14	NA	20	16	NA	8	NA	

Notes:

The rim of the storm sewer manhole at the east end of Lake Street, with an elevation of 753.28 MSL was used as the refernce point for well elevations.

(1) = Well was purged dry

TOC = Top of casing

TOS = Top of screen

NA = Not Applicable

Table 4
Sub-Slab Vapor Sample Analytical Summary
Suggar Property
3301 - 60th Street
Kenosha, WI

Parameters	Sample Information / Results	Vapor Risk Screening Levels		
Sample ID	**VP-1**	**Residential**	**Small Commercial**	**Large Commercial / Industrial**
Sample Date	**6/6/18**			
VOCs (ug/m3)		ug/m3	ug/m3	ug/m3
Benzene	3.7	120	530	1,600
Carbon tetrachloride	0.96	160	670	2,000
Chloroform	5.1	40	180	530
Chloromethane	1.1	3,100	13,000	39,000
Dichlorodifluoromethane	2.7	3,300	15,000	44,000
Ethylbenzene	3.8	370	1,600	4,900
Methylene Chloride	3.1	21,000	87,000	260,000
Naphthalene	*28.6*	28	120	360
Tetrachloroethene	918	1,400	6,000	18,000
Toluene	28.3	170,000	730,000	2,200,000
Trichloroethene	1.1	70	290	880
1,2,4-Trimethylbenzene	10.9	2,100	8,700	26,000
1,3,5-Trimethylbenzene	7.3	2,100	8,700	26,000
Xylenes	24.4	3,300	15,000	44,000

Notes:

Table includes detected analytes with vapor risk screening levels listed on the Wisconsin Vapor Quick Look-up Table only.

Bold type indicates concentration exceeds a commercial or industrial vapor risk screening level.

Italic type indicates a concentration exceeds the residential vapor risk screening level.

VOCs - Volatile Organic Compounds

Usual and Customary Standardized Invoice #24
July 2018- December 2018

RR-100a

PECFA #: 53144-4143-05
BRRTS #: 03-30-004964
Site Name: Suggar Property
Site Address: 3301 - 60th St. Kenosha

Vendor Name: Midwest Environmental Consulting
Invoice #: Cost Estimate
Invoice Date: 2018 08
Check #: NA

U&C Total $ 7,487.99
Variance to U&C Total $ 731.12
Grand Total $ 8,219.11

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	$ 72.45	2	$ 144.90
1	GW Sampling		GS20	Measure Water Levels (for wells not being sampled)	Well	$ 14.70	12	$ 176.40
1	GW Sampling		GS25	Primary Mob/Demob	Site	$ 628.11	1	$ 628.11
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	$ 137.13	1	$ 137.13
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	$ 42.11	2	$ 84.22
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	$ 108.15	2	$ 216.30
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	$ 287.70	1	$ 287.70
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	$ 110.15	2	$ 220.30
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	$ 5.40	36	$ 194.40
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	$ 593.04	1	$ 593.04
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	$ 16.70	36	$ 601.20
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	$ 3.89	36	$ 140.04
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	$ 16.70	36	$ 601.20
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	$ 147.63	2	$ 295.26
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	$ 963.38	1	$ 963.38
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	$ 202.65	2	$ 405.30
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	$ 55.13	4	$ 220.52
15	Misc. Drilling Activities & Supplies		MDT40	Concrete Penetration	Each	$ 72.87	1	$ 72.87
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	$ 7.98	2	$ 15.96
20	Soil Boring/Monitoring Well Permits		SBMWP05	Soil Boring/Monitoring Well Permit	Permit	$ 246.12	1	$ 246.12
20	Soil Boring/Monitoring Well Permits		SBMWP10	Permit Fee (copy of permit & fee receipt required)	Permit Fee	$40	1	$ 40.00
21	Access Agreements		AA05	Access Agreements	Property	$ 401.94	1	$ 401.94

Usual and Customary Standardized Invoice #24
July 2018- December 2018

RR-100a

PECFA #: 53144-4143-05
BRRTS #: 03-30-004964
Site Name: Suggar Property
Site Address: 3301 - 60th St. Kenosha

Vendor Name: Midwest Environmental Consulting
Invoice #: Cost Estimate
Invoice Date: 2018 08
Check #: NA

U&C Total $ 7,487.99
Variance to U&C Total $ 731.12
Grand Total $ 8,219.11

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	$ 72.45	2	$ 144.90
1	GW Sampling		GS20	Measure Water Levels (for wells not being sampled)	Well	$ 14.70	12	$ 176.40
1	GW Sampling		GS25	Primary Mob/Demob	Site	$ 628.11	1	$ 628.11
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	$ 137.13	1	$ 137.13
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	$ 42.11	2	$ 84.22
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	$ 108.15	2	$ 216.30
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	$ 287.70	1	$ 287.70
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	$ 110.15	2	$ 220.30
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	$ 5.40	36	$ 194.40
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	$ 593.04	1	$ 593.04
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	$ 16.70	36	$ 601.20
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	$ 3.89	36	$ 140.04
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	$ 16.70	36	$ 601.20
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	$ 147.63	2	$ 295.26
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	$ 963.38	1	$ 963.38
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	$ 202.65	2	$ 405.30
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	$ 55.13	4	$ 220.52
15	Misc. Drilling Activities & Supplies		MDT40	Concrete Penetration	Each	$ 72.87	1	$ 72.87
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	$ 7.98	2	$ 15.96
20	Soil Boring/Monitoring Well Permits		SBMWP05	Soil Boring/Monitoring Well Permit	Permit	$ 246.12	1	$ 246.12
20	Soil Boring/Monitoring Well Permits		SBMWP10	Permit Fee (copy of permit & fee receipt required)	Permit Fee	$40	1	$ 40.00
21	Access Agreements		AA05	Access Agreements	Property	$ 401.94	1	$ 401.94

Usual and Customary Standardized Invoice #24
July 2018- December 2018

RR-100A

		TOTAL LAB CHARGES	**######**	**TASK 33**	**4**	**#####**	**TASK 24**		**0**	**$ -**

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
WATER	W4	PVOC + Naphthalene	SAMPLE	$ 30.35	2	$ 60.70			
SOILS	S6	PVOC + Naphthalene	SAMPLE	$ 36.02	2	$ 72.04	$ 36.02		$ -
					TASK 33 TOTAL	**$ 132.74**			

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

May 22, 2018

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

RE: Project: SUGGAR PROPERTY
Pace Project No.: 40169195

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on May 16, 2018. 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
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: SUGGAR PROPERTY
Pace Project No.: 40169195

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

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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: SUGGAR PROPERTY
Pace Project No.: 40169195

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40169195001	**SB-1 (9.5'-11')**	Solid	05/14/18 09:45	05/16/18 10:05

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: SUGGAR PROPERTY
Pace Project No.: 40169195

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40169195001	**SB-1 (9.5'-11')**	WI MOD GRO	ALD	10	PASI-G
		ASTM D2974-87	TEL	1	PASI-G

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(920)469-2436

SUMMARY OF DETECTION

Project: SUGGAR PROPERTY
Pace Project No.: 40169195

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40169195001	**SB-1 (9.5'-11')**					
WI MOD GRO	1,2,4-Trimethylbenzene	0.029J	mg/kg	0.067	05/21/18 11:46	
ASTM D2974-87	Percent Moisture	10.2	%	0.10	05/21/18 11:04	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: SUGGAR PROPERTY
Pace Project No.: 40169195

Sample: SB-1 (9.5'-11') **Lab ID: 40169195001** Collected: 05/14/18 09:45 Received: 05/16/18 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<0.025**	mg/kg	0.060	0.025	1	05/21/18 08:30	05/21/18 11:46	71-43-2	W
Ethylbenzene	**<0.025**	mg/kg	0.060	0.025	1	05/21/18 08:30	05/21/18 11:46	100-41-4	W
Methyl-tert-butyl ether	**<0.025**	mg/kg	0.060	0.025	1	05/21/18 08:30	05/21/18 11:46	1634-04-4	W
Naphthalene	**<0.025**	mg/kg	0.060	0.025	1	05/21/18 08:30	05/21/18 11:46	91-20-3	W
Toluene	**<0.025**	mg/kg	0.060	0.025	1	05/21/18 08:30	05/21/18 11:46	108-88-3	W
1,2,4-Trimethylbenzene	**0.029J**	mg/kg	0.067	0.028	1	05/21/18 08:30	05/21/18 11:46	95-63-6	
1,3,5-Trimethylbenzene	**<0.025**	mg/kg	0.060	0.025	1	05/21/18 08:30	05/21/18 11:46	108-67-8	W
m&p-Xylene	**<0.050**	mg/kg	0.12	0.050	1	05/21/18 08:30	05/21/18 11:46	179601-23-1	W
o-Xylene	**<0.025**	mg/kg	0.060	0.025	1	05/21/18 08:30	05/21/18 11:46	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	109	%	80-120		1	05/21/18 08:30	05/21/18 11:46	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.2**	%	0.10	0.10	1		05/21/18 11:04		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: SUGGAR PROPERTY
Pace Project No.: 40169195

QC Batch: 289431 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 40169195001

METHOD BLANK: 1694136 Matrix: Solid
Associated Lab Samples: 40169195001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	<0.025	0.050	05/21/18 10:04	
1,3,5-Trimethylbenzene	mg/kg	<0.025	0.050	05/21/18 10:04	
Benzene	mg/kg	<0.025	0.050	05/21/18 10:04	
Ethylbenzene	mg/kg	<0.025	0.050	05/21/18 10:04	
m&p-Xylene	mg/kg	<0.050	0.10	05/21/18 10:04	
Methyl-tert-butyl ether	mg/kg	<0.025	0.050	05/21/18 10:04	
Naphthalene	mg/kg	<0.025	0.050	05/21/18 10:04	
o-Xylene	mg/kg	<0.025	0.050	05/21/18 10:04	
Toluene	mg/kg	<0.025	0.050	05/21/18 10:04	
a,a,a-Trifluorotoluene (S)	%	100	80-120	05/21/18 10:04	

LABORATORY CONTROL SAMPLE & LCSD: 1694137 1694138

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	mg/kg	1	1.0	1.0	102	105	80-120	3	20	
1,3,5-Trimethylbenzene	mg/kg	1	0.98	1.0	98	102	80-120	4	20	
Benzene	mg/kg	1	0.97	1.0	97	100	80-120	3	20	
Ethylbenzene	mg/kg	1	1.0	1.0	101	104	80-120	3	20	
m&p-Xylene	mg/kg	2	2.0	2.1	100	103	80-120	3	20	
Methyl-tert-butyl ether	mg/kg	1	0.92	0.92	92	92	80-120	0	20	
Naphthalene	mg/kg	1	1.1	1.1	106	107	80-120	1	20	
o-Xylene	mg/kg	1	1.0	1.0	100	102	80-120	2	20	
Toluene	mg/kg	1	0.99	1.0	99	101	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				100	99	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.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: SUGGAR PROPERTY
Pace Project No.: 40169195

QC Batch: 289465
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 40169195001

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 1694231

Parameter	Units	40169145008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.6	21.5	0	10	

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

Pace Analytical Services, LLC
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(920)469-2436

QUALIFIERS

Project: SUGGAR PROPERTY
Pace Project No.: 40169195

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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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

ANALYTE QUALIFIERS

W	Non-detect results are reported on a wet weight basis.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUGGAR PROPERTY
Pace Project No.: 40169195

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40169195001	**SB-1 (9.5'-11')**	TPH GRO/PVOC WI ext.	289431	WI MOD GRO	289493
40169195001	**SB-1 (9.5'-11')**	ASTM D2974-87	289465		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

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CHAIN OF CUSTODY

40169195

(Please Print Clearly)	
Company Name:	Midwest Env. Consulting
Branch/Location:	Burlington, WI
Project Contact:	Sean Crawley
Phone:	(262) 277-4351
Project Number:	
Project Name:	Sugar Property
Project State:	WI
Sampled By (Print):	Sean Crawley
Sampled By (Sign):	Sean Crawley
PO #:	Regulatory Program:

*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

Quote #:	PECFA U&C
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
SL = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analysis Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	SB-1 (9.5'-11')	5/14/18	0945	S	XPVOCs, Naph			

FILTERED? (YES/NO)
PRESERVATION (CODE)*

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

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Sean Crawley	5/15/18 11:10	Mary Jansma	5/15/18 11:10
Mary Jansma	5/15/18 1445		
CS Logistics	5/16/18 1005	DBOMS pulse	5/16/18 1005

PACE Project No.: 40169195
Receipt Temp = Rad °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present Intact / Not Intact

C019a(27Jun2006)
Version 6.0 06/14/06
ORIGINAL

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 12, 2018

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

RE: Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 2018. 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,

Tod Noltemeyer

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

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40170549001	**MW-1**	Water	06/06/18 11:50	06/09/18 08:20
40170549002	**MW-2**	Water	06/06/18 12:40	06/09/18 08:20
40170549003	**MW-3**	Water	06/06/18 13:30	06/09/18 08:20
40170549004	**MW-4**	Water	06/06/18 14:00	06/09/18 08:20
40170549005	**MW-5**	Water	06/06/18 15:25	06/09/18 08:20
40170549006	**MW-8**	Water	06/06/18 14:45	06/09/18 08:20

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SAMPLE ANALYTE COUNT

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40170549001	**MW-1**	WI MOD GRO	ALD	10	PASI-G
40170549002	**MW-2**	WI MOD GRO	ALD	10	PASI-G
40170549003	**MW-3**	WI MOD GRO	ALD	10	PASI-G
40170549004	**MW-4**	WI MOD GRO	ALD	10	PASI-G
40170549005	**MW-5**	WI MOD GRO	ALD	10	PASI-G
40170549006	**MW-8**	WI MOD GRO	ALD	10	PASI-G

Pace Analytical Services, LLC
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(920)469-2436

SUMMARY OF DETECTION

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40170549001	**MW-1**					
WI MOD GRO	Benzene	3.9J	ug/L	10.2	06/11/18 16:13	
WI MOD GRO	Ethylbenzene	2800	ug/L	11.0	06/11/18 16:13	M1
WI MOD GRO	Methyl-tert-butyl ether	9.6J	ug/L	10.7	06/11/18 16:13	
WI MOD GRO	Naphthalene	17.9	ug/L	16.8	06/11/18 16:13	
WI MOD GRO	Toluene	14.6J	ug/L	16.3	06/11/18 16:13	
WI MOD GRO	1,2,4-Trimethylbenzene	231	ug/L	11.4	06/11/18 16:13	
WI MOD GRO	1,3,5-Trimethylbenzene	5.4J	ug/L	10.9	06/11/18 16:13	
WI MOD GRO	m&p-Xylene	940	ug/L	21.8	06/11/18 16:13	
WI MOD GRO	o-Xylene	68.7	ug/L	10.5	06/11/18 16:13	
40170549003	**MW-3**					
WI MOD GRO	Ethylbenzene	1250	ug/L	11.0	06/11/18 15:48	
WI MOD GRO	Methyl-tert-butyl ether	5.7J	ug/L	10.7	06/11/18 15:48	
WI MOD GRO	Naphthalene	7.9J	ug/L	16.8	06/11/18 15:48	
WI MOD GRO	Toluene	5.1J	ug/L	16.3	06/11/18 15:48	
WI MOD GRO	1,2,4-Trimethylbenzene	1080	ug/L	11.4	06/11/18 15:48	
WI MOD GRO	1,3,5-Trimethylbenzene	76.2	ug/L	10.9	06/11/18 15:48	
WI MOD GRO	m&p-Xylene	920	ug/L	21.8	06/11/18 15:48	
WI MOD GRO	o-Xylene	16.9	ug/L	10.5	06/11/18 15:48	
40170549006	**MW-8**					
WI MOD GRO	Benzene	2.4	ug/L	2.0	06/11/18 16:39	
WI MOD GRO	Ethylbenzene	455	ug/L	2.2	06/11/18 16:39	
WI MOD GRO	Methyl-tert-butyl ether	6.6	ug/L	2.1	06/11/18 16:39	
WI MOD GRO	Naphthalene	3.1J	ug/L	3.4	06/11/18 16:39	
WI MOD GRO	Toluene	2.7J	ug/L	3.3	06/11/18 16:39	
WI MOD GRO	1,2,4-Trimethylbenzene	99.9	ug/L	2.3	06/11/18 16:39	
WI MOD GRO	m&p-Xylene	32.2	ug/L	4.4	06/11/18 16:39	
WI MOD GRO	o-Xylene	15.2	ug/L	2.1	06/11/18 16:39	

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(920)469-2436

ANALYTICAL RESULTS

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Sample: MW-1 **Lab ID: 40170549001** Collected: 06/06/18 11:50 Received: 06/09/18 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**3.9J**	ug/L	10.2	3.1	10		06/11/18 16:13	71-43-2	
Ethylbenzene	**2800**	ug/L	11.0	3.3	10		06/11/18 16:13	100-41-4	M1
Methyl-tert-butyl ether	**9.6J**	ug/L	10.7	3.2	10		06/11/18 16:13	1634-04-4	
Naphthalene	**17.9**	ug/L	16.8	5.1	10		06/11/18 16:13	91-20-3	
Toluene	**14.6J**	ug/L	16.3	4.9	10		06/11/18 16:13	108-88-3	
1,2,4-Trimethylbenzene	**231**	ug/L	11.4	3.4	10		06/11/18 16:13	95-63-6	
1,3,5-Trimethylbenzene	**5.4J**	ug/L	10.9	3.3	10		06/11/18 16:13	108-67-8	
m&p-Xylene	**940**	ug/L	21.8	6.6	10		06/11/18 16:13	179601-23-1	
o-Xylene	**68.7**	ug/L	10.5	3.2	10		06/11/18 16:13	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		10		06/11/18 16:13	98-08-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Sample: MW-2 **Lab ID: 40170549002** Collected: 06/06/18 12:40 Received: 06/09/18 08:20 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		06/11/18 14:31	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.1	0.33	1		06/11/18 14:31	100-41-4	
Methyl-tert-butyl ether	**<0.32**	ug/L	1.1	0.32	1		06/11/18 14:31	1634-04-4	
Naphthalene	**<0.51**	ug/L	1.7	0.51	1		06/11/18 14:31	91-20-3	
Toluene	**<0.49**	ug/L	1.6	0.49	1		06/11/18 14:31	108-88-3	
1,2,4-Trimethylbenzene	**<0.34**	ug/L	1.1	0.34	1		06/11/18 14:31	95-63-6	
1,3,5-Trimethylbenzene	**<0.33**	ug/L	1.1	0.33	1		06/11/18 14:31	108-67-8	
m&p-Xylene	**<0.66**	ug/L	2.2	0.66	1		06/11/18 14:31	179601-23-1	
o-Xylene	**<0.32**	ug/L	1.0	0.32	1		06/11/18 14:31	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		06/11/18 14:31	98-08-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Sample: MW-3 **Lab ID: 40170549003** Collected: 06/06/18 13:30 Received: 06/09/18 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<3.1**	ug/L	10.2	3.1	10		06/11/18 15:48	71-43-2	
Ethylbenzene	**1250**	ug/L	11.0	3.3	10		06/11/18 15:48	100-41-4	
Methyl-tert-butyl ether	**5.7J**	ug/L	10.7	3.2	10		06/11/18 15:48	1634-04-4	
Naphthalene	**7.9J**	ug/L	16.8	5.1	10		06/11/18 15:48	91-20-3	
Toluene	**5.1J**	ug/L	16.3	4.9	10		06/11/18 15:48	108-88-3	
1,2,4-Trimethylbenzene	**1080**	ug/L	11.4	3.4	10		06/11/18 15:48	95-63-6	
1,3,5-Trimethylbenzene	**76.2**	ug/L	10.9	3.3	10		06/11/18 15:48	108-67-8	
m&p-Xylene	**920**	ug/L	21.8	6.6	10		06/11/18 15:48	179601-23-1	
o-Xylene	**16.9**	ug/L	10.5	3.2	10		06/11/18 15:48	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		10		06/11/18 15:48	98-08-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Sample: MW-4 **Lab ID: 40170549004** Collected: 06/06/18 14:00 Received: 06/09/18 08:20 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		06/11/18 14:56	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.1	0.33	1		06/11/18 14:56	100-41-4	
Methyl-tert-butyl ether	**<0.32**	ug/L	1.1	0.32	1		06/11/18 14:56	1634-04-4	
Naphthalene	**<0.51**	ug/L	1.7	0.51	1		06/11/18 14:56	91-20-3	
Toluene	**<0.49**	ug/L	1.6	0.49	1		06/11/18 14:56	108-88-3	
1,2,4-Trimethylbenzene	**<0.34**	ug/L	1.1	0.34	1		06/11/18 14:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.33**	ug/L	1.1	0.33	1		06/11/18 14:56	108-67-8	
m&p-Xylene	**<0.66**	ug/L	2.2	0.66	1		06/11/18 14:56	179601-23-1	
o-Xylene	**<0.32**	ug/L	1.0	0.32	1		06/11/18 14:56	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		06/11/18 14:56	98-08-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Sample: MW-5 **Lab ID: 40170549005** Collected: 06/06/18 15:25 Received: 06/09/18 08:20 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		06/11/18 15:22	71-43-2	
Ethylbenzene	**<0.33**	ug/L	1.1	0.33	1		06/11/18 15:22	100-41-4	
Methyl-tert-butyl ether	**<0.32**	ug/L	1.1	0.32	1		06/11/18 15:22	1634-04-4	
Naphthalene	**<0.51**	ug/L	1.7	0.51	1		06/11/18 15:22	91-20-3	
Toluene	**<0.49**	ug/L	1.6	0.49	1		06/11/18 15:22	108-88-3	
1,2,4-Trimethylbenzene	**<0.34**	ug/L	1.1	0.34	1		06/11/18 15:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.33**	ug/L	1.1	0.33	1		06/11/18 15:22	108-67-8	
m&p-Xylene	**<0.66**	ug/L	2.2	0.66	1		06/11/18 15:22	179601-23-1	
o-Xylene	**<0.32**	ug/L	1.0	0.32	1		06/11/18 15:22	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		06/11/18 15:22	98-08-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Sample: MW-8 **Lab ID: 40170549006** Collected: 06/06/18 14:45 Received: 06/09/18 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**2.4**	ug/L	2.0	0.61	2		06/11/18 16:39	71-43-2	
Ethylbenzene	**455**	ug/L	2.2	0.66	2		06/11/18 16:39	100-41-4	
Methyl-tert-butyl ether	**6.6**	ug/L	2.1	0.64	2		06/11/18 16:39	1634-04-4	
Naphthalene	**3.1J**	ug/L	3.4	1.0	2		06/11/18 16:39	91-20-3	
Toluene	**2.7J**	ug/L	3.3	0.98	2		06/11/18 16:39	108-88-3	
1,2,4-Trimethylbenzene	**99.9**	ug/L	2.3	0.68	2		06/11/18 16:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.66**	ug/L	2.2	0.66	2		06/11/18 16:39	108-67-8	
m&p-Xylene	**32.2**	ug/L	4.4	1.3	2		06/11/18 16:39	179601-23-1	
o-Xylene	**15.2**	ug/L	2.1	0.63	2		06/11/18 16:39	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		2		06/11/18 16:39	98-08-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

QC Batch: 291457 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40170549001, 40170549002, 40170549003, 40170549004, 40170549005, 40170549006

METHOD BLANK: 1704648 Matrix: Water
Associated Lab Samples: 40170549001, 40170549002, 40170549003, 40170549004, 40170549005, 40170549006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.34	1.1	06/11/18 09:41	
1,3,5-Trimethylbenzene	ug/L	<0.33	1.1	06/11/18 09:41	
Benzene	ug/L	<0.31	1.0	06/11/18 09:41	
Ethylbenzene	ug/L	<0.33	1.1	06/11/18 09:41	
m&p-Xylene	ug/L	<0.66	2.2	06/11/18 09:41	
Methyl-tert-butyl ether	ug/L	<0.32	1.1	06/11/18 09:41	
Naphthalene	ug/L	<0.51	1.7	06/11/18 09:41	
o-Xylene	ug/L	<0.32	1.0	06/11/18 09:41	
Toluene	ug/L	<0.49	1.6	06/11/18 09:41	
a,a,a-Trifluorotoluene (S)	%	101	80-120	06/11/18 09:41	

LABORATORY CONTROL SAMPLE & LCSD: 1704649 1704650

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	22.2	22.2	111	111	80-120	0	20	
1,3,5-Trimethylbenzene	ug/L	20	21.8	21.8	109	109	80-120	0	20	
Benzene	ug/L	20	21.8	21.6	109	108	80-120	1	20	
Ethylbenzene	ug/L	20	22.3	22.2	111	111	80-120	0	20	
m&p-Xylene	ug/L	40	44.0	44.0	110	110	80-120	0	20	
Methyl-tert-butyl ether	ug/L	20	20.7	20.9	103	104	80-120	1	20	
Naphthalene	ug/L	20	20.8	20.3	104	102	80-120	2	20	
o-Xylene	ug/L	20	21.8	21.7	109	108	80-120	1	20	
Toluene	ug/L	20	22.2	22.0	111	110	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%				102	102	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1704827 1704828

Parameter	Units	40170549001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	231	200	200	440	417	104	93	51-160	5	20	
1,3,5-Trimethylbenzene	ug/L	5.4J	200	200	210	207	102	101	56-146	2	20	
Benzene	ug/L	3.9J	200	200	199	194	97	95	71-137	3	20	
Ethylbenzene	ug/L	2800	200	200	3040	2840	117	19	71-141	7	20	M1
m&p-Xylene	ug/L	940	400	400	1350	1280	102	84	66-141	6	20	
Methyl-tert-butyl ether	ug/L	9.6J	200	200	202	198	96	94	80-120	2	20	
Naphthalene	ug/L	17.9	200	200	204	205	93	94	67-138	1	20	
o-Xylene	ug/L	68.7	200	200	275	265	103	98	75-133	4	20	
Toluene	ug/L	14.6J	200	200	215	211	100	98	76-134	2	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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1704827 1704828

Parameter	Units	40170549001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
a,a,a-Trifluorotoluene (S)	%						101	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.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUGGAR PROPERTY
Pace Project No.: 40170549

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40170549001	**MW-1**	WI MOD GRO	291457		
40170549002	**MW-2**	WI MOD GRO	291457		
40170549003	**MW-3**	WI MOD GRO	291457		
40170549004	**MW-4**	WI MOD GRO	291457		
40170549005	**MW-5**	WI MOD GRO	291457		
40170549006	**MW-8**	WI MOD GRO	291457		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

40170549

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

(Please Print Clearly)

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

*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

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, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge
W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

FILTERED? (YES/NO): N
PRESERVATION (CODE)*: B

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	PVOCs/Naph	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	6/6/18	1150	GW	X			
002	MW-2	↓	1240	↓	↓			
003	MW-3	↓	1330	↓	↓			
004	MW-4	↓	1400	↓	↓			
005	MW-5	↓	1525	↓	↓			
006	MW-8	↓	1445	↓	↓			

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:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	6/8/18 10:50	Mary Fannin	6/8/18 10:50
Mary Fannin	6/8/18 1620		
C S [signature]	6/9/18 0820	[signature] Pace	6/9/18 0820

PACE Project No. 40170549
Receipt Temp = 2.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL

C019a(27Jun2006)

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

June 14, 2018

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

RE: Project: Suggar Property
Pace Project No.: 10434400

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on June 07, 2018. 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,

Carolynne Trout

Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: Suggar Property
Pace Project No.: 10434400

Minnesota Certification IDs

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #:MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: Suggar Property
Pace Project No.: 10434400

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10434400001	**VP-1**	Air	06/06/18 11:33	06/07/18 13:05

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: Suggar Property
Pace Project No.: 10434400

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10434400001	**VP-1**	TO-15	MJL	61

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Suggar Property
Pace Project No.: 10434400

Sample: VP-1 **Lab ID: 10434400001** Collected: 06/06/18 11:33 Received: 06/07/18 13:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Acetone	**150**	ug/m3	4.2	2.6	1.75		06/11/18 07:26	67-64-1	
Benzene	**3.7**	ug/m3	0.57	0.26	1.75		06/11/18 07:26	71-43-2	
Benzyl chloride	**<0.41**	ug/m3	4.6	0.41	1.75		06/11/18 07:26	100-44-7	
Bromodichloromethane	**<0.62**	ug/m3	2.4	0.62	1.75		06/11/18 07:26	75-27-4	
Bromoform	**<1.2**	ug/m3	9.2	1.2	1.75		06/11/18 07:26	75-25-2	
Bromomethane	**<0.36**	ug/m3	1.4	0.36	1.75		06/11/18 07:26	74-83-9	
1,3-Butadiene	**<0.36**	ug/m3	0.79	0.36	1.75		06/11/18 07:26	106-99-0	
2-Butanone (MEK)	**16.8**	ug/m3	5.2	0.36	1.75		06/11/18 07:26	78-93-3	
Carbon disulfide	**3.1**	ug/m3	1.1	0.31	1.75		06/11/18 07:26	75-15-0	
Carbon tetrachloride	**0.69J**	ug/m3	1.1	0.56	1.75		06/11/18 07:26	56-23-5	
Chlorobenzene	**<0.31**	ug/m3	1.6	0.31	1.75		06/11/18 07:26	108-90-7	
Chloroethane	**<0.36**	ug/m3	0.94	0.36	1.75		06/11/18 07:26	75-00-3	
Chloroform	**5.1**	ug/m3	0.87	0.40	1.75		06/11/18 07:26	67-66-3	
Chloromethane	**1.1**	ug/m3	0.74	0.23	1.75		06/11/18 07:26	74-87-3	
Cyclohexane	**<0.40**	ug/m3	1.2	0.40	1.75		06/11/18 07:26	110-82-7	
Dibromochloromethane	**<0.77**	ug/m3	3.0	0.77	1.75		06/11/18 07:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.58**	ug/m3	2.7	0.58	1.75		06/11/18 07:26	106-93-4	
1,2-Dichlorobenzene	**<0.57**	ug/m3	2.1	0.57	1.75		06/11/18 07:26	95-50-1	
1,3-Dichlorobenzene	**<0.82**	ug/m3	2.1	0.82	1.75		06/11/18 07:26	541-73-1	
1,4-Dichlorobenzene	**<0.38**	ug/m3	2.1	0.38	1.75		06/11/18 07:26	106-46-7	
Dichlorodifluoromethane	**2.7**	ug/m3	1.8	0.73	1.75		06/11/18 07:26	75-71-8	
1,1-Dichloroethane	**<0.37**	ug/m3	1.4	0.37	1.75		06/11/18 07:26	75-34-3	
1,2-Dichloroethane	**<0.35**	ug/m3	0.72	0.35	1.75		06/11/18 07:26	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/m3	1.4	0.41	1.75		06/11/18 07:26	75-35-4	
cis-1,2-Dichloroethene	**<0.60**	ug/m3	1.4	0.60	1.75		06/11/18 07:26	156-59-2	
trans-1,2-Dichloroethene	**<0.52**	ug/m3	1.4	0.52	1.75		06/11/18 07:26	156-60-5	
1,2-Dichloropropane	**<0.54**	ug/m3	1.6	0.54	1.75		06/11/18 07:26	78-87-5	
cis-1,3-Dichloropropene	**<0.43**	ug/m3	1.6	0.43	1.75		06/11/18 07:26	10061-01-5	
trans-1,3-Dichloropropene	**<0.74**	ug/m3	1.6	0.74	1.75		06/11/18 07:26	10061-02-6	
Dichlorotetrafluoroethane	**<0.77**	ug/m3	2.5	0.77	1.75		06/11/18 07:26	76-14-2	
Ethanol	**455**	ug/m3	50.3	24.4	52.5		06/11/18 15:40	64-17-5	
Ethyl acetate	**<0.34**	ug/m3	1.3	0.34	1.75		06/11/18 07:26	141-78-6	
Ethylbenzene	**3.8**	ug/m3	1.5	0.30	1.75		06/11/18 07:26	100-41-4	
4-Ethyltoluene	**3.3**	ug/m3	1.7	0.37	1.75		06/11/18 07:26	622-96-8	
n-Heptane	**17.8**	ug/m3	1.5	0.37	1.75		06/11/18 07:26	142-82-5	
Hexachloro-1,3-butadiene	**<1.5**	ug/m3	3.8	1.5	1.75		06/11/18 07:26	87-68-3	
n-Hexane	**6.2**	ug/m3	1.3	0.58	1.75		06/11/18 07:26	110-54-3	
2-Hexanone	**<1.1**	ug/m3	7.3	1.1	1.75		06/11/18 07:26	591-78-6	
Methylene Chloride	**3.1J**	ug/m3	6.2	2.7	1.75		06/11/18 07:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.62**	ug/m3	7.3	0.62	1.75		06/11/18 07:26	108-10-1	
Methyl-tert-butyl ether	**<1.2**	ug/m3	6.4	1.2	1.75		06/11/18 07:26	1634-04-4	
Naphthalene	**28.6**	ug/m3	4.7	1.0	1.75		06/11/18 07:26	91-20-3	
2-Propanol	**17.4**	ug/m3	4.4	2.2	1.75		06/11/18 07:26	67-63-0	
Propylene	**77.4**	ug/m3	18.4	8.2	52.5		06/11/18 15:40	115-07-1	
Styrene	**<0.29**	ug/m3	1.5	0.29	1.75		06/11/18 07:26	100-42-5	
1,1,2,2-Tetrachloroethane	**<0.51**	ug/m3	1.2	0.51	1.75		06/11/18 07:26	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Suggar Property
Pace Project No.: 10434400

Sample: VP-1 **Lab ID: 10434400001** Collected: 06/06/18 11:33 Received: 06/07/18 13:05 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
Tetrachloroethene	**918**	ug/m3	36.2	15.1	52.5		06/11/18 15:40	127-18-4	
Tetrahydrofuran	**<0.48**	ug/m3	1.0	0.48	1.75		06/11/18 07:26	109-99-9	
Toluene	**28.3**	ug/m3	1.3	0.28	1.75		06/11/18 07:26	108-88-3	
1,2,4-Trichlorobenzene	**<1.7**	ug/m3	6.6	1.7	1.75		06/11/18 07:26	120-82-1	
1,1,1-Trichloroethane	**<0.60**	ug/m3	1.9	0.60	1.75		06/11/18 07:26	71-55-6	
1,1,2-Trichloroethane	**<0.39**	ug/m3	0.97	0.39	1.75		06/11/18 07:26	79-00-5	
Trichloroethene	**1.1**	ug/m3	0.96	0.47	1.75		06/11/18 07:26	79-01-6	
Trichlorofluoromethane	**3.2**	ug/m3	2.0	0.73	1.75		06/11/18 07:26	75-69-4	
1,1,2-Trichlorotrifluoroethane	**0.72J**	ug/m3	2.7	0.65	1.75		06/11/18 07:26	76-13-1	
1,2,4-Trimethylbenzene	**10.9**	ug/m3	1.7	0.30	1.75		06/11/18 07:26	95-63-6	
1,3,5-Trimethylbenzene	**7.3**	ug/m3	1.7	0.72	1.75		06/11/18 07:26	108-67-8	
Vinyl acetate	**1.3**	ug/m3	1.3	0.29	1.75		06/11/18 07:26	108-05-4	
Vinyl chloride	**<0.22**	ug/m3	0.46	0.22	1.75		06/11/18 07:26	75-01-4	
m&p-Xylene	**15.6**	ug/m3	3.1	0.61	1.75		06/11/18 07:26	179601-23-1	
o-Xylene	**8.8**	ug/m3	1.5	0.65	1.75		06/11/18 07:26	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Suggar Property
Pace Project No.: 10434400

QC Batch: 543629
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10434400001

METHOD BLANK: 2956768
Matrix: Air
Associated Lab Samples: 10434400001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.34	1.1	06/10/18 18:24	
1,1,2,2-Tetrachloroethane	ug/m3	<0.29	0.70	06/10/18 18:24	
1,1,2-Trichloroethane	ug/m3	<0.22	0.56	06/10/18 18:24	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.37	1.6	06/10/18 18:24	
1,1-Dichloroethane	ug/m3	<0.21	0.82	06/10/18 18:24	
1,1-Dichloroethene	ug/m3	<0.24	0.81	06/10/18 18:24	
1,2,4-Trichlorobenzene	ug/m3	<0.96	3.8	06/10/18 18:24	
1,2,4-Trimethylbenzene	ug/m3	<0.17	1.0	06/10/18 18:24	
1,2-Dibromoethane (EDB)	ug/m3	<0.33	1.6	06/10/18 18:24	
1,2-Dichlorobenzene	ug/m3	<0.33	1.2	06/10/18 18:24	
1,2-Dichloroethane	ug/m3	<0.20	0.41	06/10/18 18:24	
1,2-Dichloropropane	ug/m3	<0.31	0.94	06/10/18 18:24	
1,3,5-Trimethylbenzene	ug/m3	<0.41	1.0	06/10/18 18:24	
1,3-Butadiene	ug/m3	<0.21	0.45	06/10/18 18:24	
1,3-Dichlorobenzene	ug/m3	<0.47	1.2	06/10/18 18:24	
1,4-Dichlorobenzene	ug/m3	<0.22	1.2	06/10/18 18:24	
2-Butanone (MEK)	ug/m3	<0.20	3.0	06/10/18 18:24	
2-Hexanone	ug/m3	<0.61	4.2	06/10/18 18:24	
2-Propanol	ug/m3	<1.2	2.5	06/10/18 18:24	
4-Ethyltoluene	ug/m3	<0.21	1.0	06/10/18 18:24	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.36	4.2	06/10/18 18:24	
Acetone	ug/m3	<1.5	2.4	06/10/18 18:24	
Benzene	ug/m3	<0.15	0.32	06/10/18 18:24	
Benzyl chloride	ug/m3	<0.24	2.6	06/10/18 18:24	MN
Bromodichloromethane	ug/m3	<0.36	1.4	06/10/18 18:24	
Bromoform	ug/m3	<0.69	5.3	06/10/18 18:24	MN
Bromomethane	ug/m3	<0.21	0.79	06/10/18 18:24	
Carbon disulfide	ug/m3	<0.18	0.63	06/10/18 18:24	
Carbon tetrachloride	ug/m3	<0.32	0.64	06/10/18 18:24	
Chlorobenzene	ug/m3	<0.18	0.94	06/10/18 18:24	
Chloroethane	ug/m3	<0.20	0.54	06/10/18 18:24	
Chloroform	ug/m3	<0.23	0.50	06/10/18 18:24	
Chloromethane	ug/m3	<0.13	0.42	06/10/18 18:24	
cis-1,2-Dichloroethene	ug/m3	<0.34	0.81	06/10/18 18:24	
cis-1,3-Dichloropropene	ug/m3	<0.24	0.92	06/10/18 18:24	
Cyclohexane	ug/m3	<0.23	0.70	06/10/18 18:24	
Dibromochloromethane	ug/m3	<0.44	1.7	06/10/18 18:24	
Dichlorodifluoromethane	ug/m3	<0.42	1.0	06/10/18 18:24	
Dichlorotetrafluoroethane	ug/m3	<0.44	1.4	06/10/18 18:24	
Ethanol	ug/m3	<0.46	0.96	06/10/18 18:24	
Ethyl acetate	ug/m3	<0.20	0.73	06/10/18 18:24	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Suggar Property
Pace Project No.: 10434400

METHOD BLANK: 2956768 Matrix: Air
Associated Lab Samples: 10434400001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	<0.17	0.88	06/10/18 18:24	
Hexachloro-1,3-butadiene	ug/m3	<0.87	2.2	06/10/18 18:24	
m&p-Xylene	ug/m3	<0.35	1.8	06/10/18 18:24	
Methyl-tert-butyl ether	ug/m3	<0.67	3.7	06/10/18 18:24	
Methylene Chloride	ug/m3	<1.5	3.5	06/10/18 18:24	
n-Heptane	ug/m3	<0.21	0.83	06/10/18 18:24	
n-Hexane	ug/m3	<0.33	0.72	06/10/18 18:24	
Naphthalene	ug/m3	<0.60	2.7	06/10/18 18:24	
o-Xylene	ug/m3	<0.37	0.88	06/10/18 18:24	
Propylene	ug/m3	<0.16	0.35	06/10/18 18:24	
Styrene	ug/m3	<0.17	0.87	06/10/18 18:24	
Tetrachloroethene	ug/m3	<0.29	0.69	06/10/18 18:24	
Tetrahydrofuran	ug/m3	<0.27	0.60	06/10/18 18:24	
Toluene	ug/m3	<0.16	0.77	06/10/18 18:24	
trans-1,2-Dichloroethene	ug/m3	<0.30	0.81	06/10/18 18:24	
trans-1,3-Dichloropropene	ug/m3	<0.42	0.92	06/10/18 18:24	
Trichloroethene	ug/m3	<0.27	0.55	06/10/18 18:24	
Trichlorofluoromethane	ug/m3	<0.42	1.1	06/10/18 18:24	
Vinyl acetate	ug/m3	<0.17	0.72	06/10/18 18:24	
Vinyl chloride	ug/m3	<0.13	0.26	06/10/18 18:24	

LABORATORY CONTROL SAMPLE: 2956769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	54.6	92	70-135	
1,1,2,2-Tetrachloroethane	ug/m3	76.1	81.6	107	70-146	
1,1,2-Trichloroethane	ug/m3	61	60.5	99	70-135	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.2	67.3	84	63-139	
1,1-Dichloroethane	ug/m3	43.6	39.3	90	70-134	
1,1-Dichloroethene	ug/m3	39.9	34.5	86	70-137	
1,2,4-Trichlorobenzene	ug/m3	81.5	71.0	87	60-133	
1,2,4-Trimethylbenzene	ug/m3	53.5	50.9	95	70-137	
1,2-Dibromoethane (EDB)	ug/m3	85.1	85.7	101	70-140	
1,2-Dichlorobenzene	ug/m3	66	63.1	96	70-137	
1,2-Dichloroethane	ug/m3	44	42.0	95	70-136	
1,2-Dichloropropane	ug/m3	51.2	47.4	93	70-136	
1,3,5-Trimethylbenzene	ug/m3	53.5	50.8	95	70-133	
1,3-Butadiene	ug/m3	22.9	23.1	101	64-141	
1,3-Dichlorobenzene	ug/m3	63.6	63.0	99	70-137	
1,4-Dichlorobenzene	ug/m3	66	65.9	100	70-134	
2-Butanone (MEK)	ug/m3	33	34.5	105	65-143	
2-Hexanone	ug/m3	45.8	49.6	108	60-148	
2-Propanol	ug/m3	26.7	30.9	116	65-135	
4-Ethyltoluene	ug/m3	54	53.8	100	70-132	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Suggar Property
Pace Project No.: 10434400

LABORATORY CONTROL SAMPLE: 2956769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	45.8	46.7	102	70-135	
Acetone	ug/m3	25.8	26.2	101	59-132	
Benzene	ug/m3	35.1	30.9	88	70-134	
Benzyl chloride	ug/m3	54.7	55.6	102	56-150	
Bromodichloromethane	ug/m3	72.9	77.6	106	70-142	
Bromoform	ug/m3	111	106	96	69-150	
Bromomethane	ug/m3	40.3	36.3	90	61-141	
Carbon disulfide	ug/m3	33.2	24.6	74	66-134	
Carbon tetrachloride	ug/m3	65.2	60.8	93	60-145	
Chlorobenzene	ug/m3	51.5	48.2	94	70-130	
Chloroethane	ug/m3	26.6	26.6	100	65-143	
Chloroform	ug/m3	50.6	48.6	96	70-132	
Chloromethane	ug/m3	22.9	19.9	87	58-140	
cis-1,2-Dichloroethene	ug/m3	42.7	39.7	93	70-136	
cis-1,3-Dichloropropene	ug/m3	50.7	55.2	109	70-136	
Cyclohexane	ug/m3	35	35.2	101	70-133	
Dibromochloromethane	ug/m3	90.9	111	122	68-149	
Dichlorodifluoromethane	ug/m3	53.8	50.1	93	69-130	
Dichlorotetrafluoroethane	ug/m3	75.3	68.0	90	68-130	
Ethanol	ug/m3	20.3	26.5	131	65-146	
Ethyl acetate	ug/m3	37.4	33.0	88	68-136	
Ethylbenzene	ug/m3	47.7	45.4	95	70-133	
Hexachloro-1,3-butadiene	ug/m3	119	82.6	69	59-140	
m&p-Xylene	ug/m3	92.7	94.0	101	70-133	
Methyl-tert-butyl ether	ug/m3	38.5	36.3	94	70-132	
Methylene Chloride	ug/m3	38.8	40.0	103	67-132	
n-Heptane	ug/m3	45.8	41.4	90	64-136	
n-Hexane	ug/m3	35.8	30.9	86	70-130	
Naphthalene	ug/m3	58.6	47.8	82	55-136	
o-Xylene	ug/m3	48.1	45.5	95	70-132	
Propylene	ug/m3	18.9	17.4	92	37-150	
Styrene	ug/m3	47.2	49.8	106	70-139	
Tetrachloroethene	ug/m3	73.8	68.1	92	70-133	
Tetrahydrofuran	ug/m3	32.1	32.1	100	62-141	
Toluene	ug/m3	41.4	38.8	94	70-130	
trans-1,2-Dichloroethene	ug/m3	36.3	35.9	99	70-132	
trans-1,3-Dichloropropene	ug/m3	47.5	54.7	115	70-135	
Trichloroethene	ug/m3	58.4	54.9	94	70-135	
Trichlorofluoromethane	ug/m3	60.5	52.4	86	59-140	
Vinyl acetate	ug/m3	36.9	37.2	101	57-150	
Vinyl chloride	ug/m3	25.7	25.1	98	70-141	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Suggar Property
Pace Project No.: 10434400

SAMPLE DUPLICATE: 2956922

Parameter	Units	92387629001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.61		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.52		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.40		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	<0.66		25	
1,1-Dichloroethane	ug/m3	ND	<0.38		25	
1,1-Dichloroethene	ug/m3	ND	<0.42		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<1.7		25	
1,2,4-Trimethylbenzene	ug/m3	28.2	27.0	4	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.60		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.58		25	
1,2-Dichloroethane	ug/m3	ND	<0.35		25	
1,2-Dichloropropane	ug/m3	ND	<0.55		25	
1,3,5-Trimethylbenzene	ug/m3	7.1	7.0	1	25	
1,3-Butadiene	ug/m3	ND	<0.37		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.83		25	
1,4-Dichlorobenzene	ug/m3	ND	<0.39		25	
2-Butanone (MEK)	ug/m3	95.7	94.3	1	25	
2-Hexanone	ug/m3	15.5	15.0	3	25	
2-Propanol	ug/m3	7.2	7.4	2	25	
4-Ethyltoluene	ug/m3	6.4	6.7	4	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	1.6J		25	
Acetone	ug/m3	1050	1180	12	25	A3
Benzene	ug/m3	0.93	0.88	5	25	
Benzyl chloride	ug/m3	ND	<0.42		25	
Bromodichloromethane	ug/m3	ND	<0.64		25	
Bromoform	ug/m3	ND	<1.2		25	
Bromomethane	ug/m3	ND	<0.37		25	
Carbon disulfide	ug/m3	1.3	1.3	2	25	
Carbon tetrachloride	ug/m3	ND	<0.57		25	
Chlorobenzene	ug/m3	ND	<0.32		25	
Chloroethane	ug/m3	ND	<0.37		25	
Chloroform	ug/m3	3.8	3.7	4	25	
Chloromethane	ug/m3	0.95	0.93	2	25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.61		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.44		25	
Cyclohexane	ug/m3	1.7	1.6	2	25	
Dibromochloromethane	ug/m3	ND	<0.79		25	
Dichlorodifluoromethane	ug/m3	2.5	2.7	7	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.79		25	
Ethanol	ug/m3	19.9	18.6	7	25	
Ethyl acetate	ug/m3	ND	<0.35		25	
Ethylbenzene	ug/m3	3.6	3.5	2	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<1.6		25	
m&p-Xylene	ug/m3	15.8	15.2	4	25	
Methyl-tert-butyl ether	ug/m3	ND	<1.2		25	
Methylene Chloride	ug/m3	ND	5.0J		25	
n-Heptane	ug/m3	ND	<0.38		25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(612)607-1700

QUALITY CONTROL DATA

Project: Suggar Property
Pace Project No.: 10434400

SAMPLE DUPLICATE: 2956922

Parameter	Units	92387629001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	ND	<0.60		25	
Naphthalene	ug/m3	14.8	14.7	0	25	
o-Xylene	ug/m3	7.3	7.1	3	25	
Propylene	ug/m3	11.8	11.6	2	25	
Styrene	ug/m3	ND	1.1J		25	
Tetrachloroethene	ug/m3	2450	2930	18	25	A3
Tetrahydrofuran	ug/m3	1.4	1.1J		25	
Toluene	ug/m3	9.7	9.5	2	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.53		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.75		25	
Trichloroethene	ug/m3	13.7	13.2	4	25	
Trichlorofluoromethane	ug/m3	ND	1.7J		25	
Vinyl acetate	ug/m3	6.6	6.0	10	25	
Vinyl chloride	ug/m3	ND	<0.23		25	

SAMPLE DUPLICATE: 2956923

Parameter	Units	10434607001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.48		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.40		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.31		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	0.65J		25	
1,1-Dichloroethane	ug/m3	ND	<0.29		25	
1,1-Dichloroethene	ug/m3	ND	<0.33		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<1.3		25	
1,2,4-Trimethylbenzene	ug/m3	26.6	27.7	4	25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.46		25	
1,2-Dichlorobenzene	ug/m3	ND	<0.45		25	
1,2-Dichloroethane	ug/m3	ND	<0.28		25	
1,2-Dichloropropane	ug/m3	ND	<0.43		25	
1,3,5-Trimethylbenzene	ug/m3	7.6	7.8	3	25	
1,3-Butadiene	ug/m3	ND	<0.29		25	
1,3-Dichlorobenzene	ug/m3	ND	<0.65		25	
1,4-Dichlorobenzene	ug/m3	73.1	75.8	4	25	
2-Butanone (MEK)	ug/m3	22.2	22.1	0	25	
2-Hexanone	ug/m3	ND	<0.85		25	
2-Propanol	ug/m3	7.3	7.5	3	25	
4-Ethyltoluene	ug/m3	7.3	8.0	10	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	5.4J		25	
Acetone	ug/m3	54.0	55.6	3	25	
Benzene	ug/m3	4.1	4.3	5	25	
Benzyl chloride	ug/m3	ND	<0.33		25	
Bromodichloromethane	ug/m3	ND	<0.49		25	
Bromoform	ug/m3	ND	<0.96		25	
Bromomethane	ug/m3	ND	<0.29		25	

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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: Suggar Property
Pace Project No.: 10434400

SAMPLE DUPLICATE: 2956923

Parameter	Units	10434607001 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	3.8	3.9	3	25	
Carbon tetrachloride	ug/m3	ND	0.51J		25	
Chlorobenzene	ug/m3	ND	<0.25		25	
Chloroethane	ug/m3	ND	<0.28		25	
Chloroform	ug/m3	ND	<0.32		25	
Chloromethane	ug/m3	ND	<0.19		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.47		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.34		25	
Cyclohexane	ug/m3	4.6	4.5	3	25	
Dibromochloromethane	ug/m3	ND	<0.61		25	
Dichlorodifluoromethane	ug/m3	2.7	2.6	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.61		25	
Ethanol	ug/m3	143	151	5	25	
Ethyl acetate	ug/m3	8.2	8.3	1	25	
Ethylbenzene	ug/m3	11.4	11.7	2	25	
Hexachloro-1,3-butadiene	ug/m3	ND	<1.2		25	
m&p-Xylene	ug/m3	42.0	43.8	4	25	
Methyl-tert-butyl ether	ug/m3	ND	<0.93		25	
Methylene Chloride	ug/m3	ND	<2.1		25	
n-Heptane	ug/m3	6.2	6.2	0	25	
n-Hexane	ug/m3	6.5	6.6	1	25	
Naphthalene	ug/m3	10.7	10.4	3	25	
o-Xylene	ug/m3	16.0	16.2	1	25	
Propylene	ug/m3	47.5	48.4	2	25	
Styrene	ug/m3	3.1	3.2	5	25	
Tetrachloroethene	ug/m3	3.8	4.0	5	25	
Tetrahydrofuran	ug/m3	11.5	11.9	4	25	
Toluene	ug/m3	42.6	42.6	0	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.41		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.58		25	
Trichloroethene	ug/m3	ND	<0.37		25	
Trichlorofluoromethane	ug/m3	2.5	2.7	9	25	
Vinyl acetate	ug/m3	2.4	2.7	9	25	
Vinyl chloride	ug/m3	ND	<0.18		25	

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

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: Suggar Property
Pace Project No.: 10434400

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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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.

ANALYTE QUALIFIERS

A3	The sample was analyzed by serial dilution.
MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

Pace Analytical Services, LLC
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Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Suggar Property
Pace Project No.: 10434400

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10434400001	**VP-1**	TO-15	543629		

REPORT OF LABORATORY ANALYSIS

Pace Analytical
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant

WO# : 10434400

10434400

33686

Page: 1 of 1

Section A Required Client Information:

Company: Midwest Env. Consulting
Address: N6395 E. Paradise Rd
Burlington WI 53105
Email To: mwenvironcen@gmail.com
Phone: 262-210-4351 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Sean Crowley
Copy To:
Purchase Order No.:
Project Name: Sugar Property
Project Number:

Section C Invoice Information:

Attention: Sean Crowley
Company Name: Midwest Env. Consulting
Address: Same
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 29363

Program: ☑ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: WI

Reporting Units: ug/m³ mg/m³ PPBV PPMV Other

Report Level: I II III IV Other

Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes: Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Pull LVP; High Volume Pull HVP; Other Pid90

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED Composite Start Date	Composite Start Time	Composite End Date	Composite End Time	Canister Pressure (Initial Field - In Hg)	Canister Pressure (Final Field - In Hg)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (N)	TO-3 BTEX	TO-3B (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
	VP-1	6LC	6	6/6/18	1103	6/6/18	1133	29.5	0	0033	1242						X				001

Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Sean Crowley/MEC	6/6/18	1600	Pace	6-7-18	1305

SAMPLE CONDITIONS

Temp In °C	Received on Ice	Custody Sealed Cooler	Samples Intact
—	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: SEAN Crowley

SIGNATURE of SAMPLER: Sean Crowley

DATE Signed (MM/DD/YY): 6/6/18

ORIGINAL

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 02May2018 Page 1 of 1
	Document No.: F-MN-A-106-rev.15	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Midwest Env. Consulting

Project #: WO#: 10434400

PM: CT1 Due Date: 06/14/18

CLIENT: MIDWEST-AIR

Courier: ☑Fed Ex ☐UPS ☐Speedee ☐Client ☐Commercial ☐Pace ☐Other:

Tracking Number: 7476 3007 5266

Custody Seal on Cooler/Box Present? ☐Yes ☑No Seals Intact? ☐Yes ☑No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐Bubble Wrap ☐Bubble Bags ☑Foam ☐None ☐Tin Can ☐Other: Temp Blank rec: ☐Yes ☑No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermom. Used: ☐G87A9170600254 ☐G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 6-7-18 EM

Type of Ice Received ☐Blue ☐Wet ☑None

			Comments:
Chain of Custody Present?	☑Yes	☐No	1.
Chain of Custody Filled Out?	☑Yes	☐No	2.
Chain of Custody Relinquished?	☑Yes	☐No	3.
Sampler Name and/or Signature on COC?	☑Yes	☐No ☐N/A	4.
Samples Arrived within Hold Time?	☑Yes	☐No	5.
Short Hold Time Analysis [<72 hr]?	☐Yes	☑No	6.
Rush Turn Around Time Requested?	☐Yes	☑No	7.
Sufficient Volume?	☑Yes	☐No	8.
Correct Containers Used?	☑Yes	☐No	9.
-Pace Containers Used?	☑Yes	☐No	
Containers Intact?	☑Yes	☐No	10.
Media: (Air Can) Airbag Filter TDT Passive			11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	☑Yes	☐No	12.

Samples Received: Pressure Gauge # 10AIR26

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
VP-1			-7	+5					

CLIENT NOTIFICATION/RESOLUTION Field Data Required? ☐Yes ☐No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Carolyne Trust Date: 6/7/18

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical™

Media Order # 1032291

Sent to Can Room 05/22/18 08:30 AM CT
Report Printed 5/22/2018 08:31 AM

Ordered By:	Ship To:	Return To:
Contact: Sean Cranley	**Contact:** Sean Cranley	**Contact:** Sample Receiving
Company: Midwest Environmental	**Company:** Midwest Environmental	**Lab Name:** PACE - MN
Address: N6395 East Paradise Rd.	**Address:** N6395 East Paradise Rd.	**Address:** 1700 Elm Street Ste 200
City, St, ZIP: Burlington, WI, 53105	**City, St, ZIP:** Burlington, WI, 53105	**City, St, ZIP:** Minneapolis, MN, 55414
Phone: 262-237-4351	**Phone:** 262-237-4351	**Phone:** 612-607-1700

Initiator: Carolynne Trout **PM:** Carolynne Trout **Profile Number:** 38368
Proj. Description: TO15 **Quote Number:** **Shipping Method:** FedEx
Needs Bottles By: 5/24/2018 PM **Expected Return Date:** 6/31/2018 **Tracking #:**

Return Shipping Labels	***CoC's***	***Bottle Labels***	***Bottles***
☐ No Shipper Number	☒ Blank # 1	☐ Blank	☐ Boxed Cases
☒ With Shipper Number	☐ Preprinted	☐ Pre-Printed - With Sample IDs	☐ Individually Wrapped
		☐ Pre-Printed - No Sample IDs	☐ Grouped By Sample ID/Matrix

Miscellaneous			
☒ Sampling Instructions	☐ Coolers	☐ Short Hold/Rush Stickers	☐ Trip Blank
☐ Custody Seal	☐ Extra Bubble Wrap	☐ DI Water	
☐ Temperature Blanks	☐ 10 mL Cut-Off Syringes		

Notes:

Qty	Method	Media Specification	Certification Level	Notes
1	TO-15	6 L Canister	Low Level (0.1 - 0.2 ppbv)	
1	Canister Attachments	Restricted Flow Sampler		200mL/min
1	Other Misc.	Fitting/Ferrule/Tubing/Filter		

Hazard Shipping Placard In Place:

*Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with you project manager.
*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage and disposal.
*Payment term are net 30 days.
*Please include the proposal number on the chain of custody to insure proper billing

5 22.18