OM ENTERPRISES, INC.

124 W Scott Street Fond du Lac, WI 54935-2270

Tel: (262) 853-0712

E-mail: raghuom@gmail.com

December 5, 2022

Ms. Margaret Brunette
Project Manager
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1027 West St. Paul Avenue
Milwaukee, WI 53233

Margaret.Brunette@wisconsin.gov

Site:

City Service (Former), 10605 West North Avenue, Wauwatosa, WI

BRRTS # 03-41-560368 FID # 341229130

Subject:

Groundwater Sampling of November 25, 2022

Request to Determine "The Adequacy of an Environmental Investigation"

[Wisconsin Statute 292.55 (1) (d) (3)]

Dear Ms. Brunette:

On behalf of Spring North Corp, OM Enterprises, Inc. is providing a status of the site investigation for the referenced site.

Advancement of Soil Borings and Installation of Monitoring Wells:

Five soil borings (B-1 through B-5) were advanced in June 2018. Three soil borings were converted into the groundwater monitoring wells (**Table 1**). The approximate locations of the soil borings and monitoring wells have been shown on **Figure1**. The owner is in the process of the hiring a contractor to conduct an engineering survey and shoot the PVC elevations.

Status of Soil Quality [Table 2: Summary of Soil Quality Test Results]

B-1 Location: NW Corner of Lot

- a) The petroleum volatile organic compounds (PVCs) and naphthalene were not detected at/between approximate 2 feet to 4 feet below the grade.
- b) The concentration of naphthalene (0.033 ppm) was detected between the method of the detection (MOD) and method of quantification (MOQ) at/between approximate 6 feet to 8 feet below the grade . The RCL-GW for naphthalene is 0.652 ppm.

B-2 Location: NE Corner of Building

- a) Benzene and MTBE were not detected at/between approximate 2 feet to 4 feet below the grade.
- b) The concentration of ethylbenzene (0.039 ppm) was detected between the method of the detection (MOD) and method of quantification (MOQ) at/between approximate 2 feet to 4 feet below the grade. The RCL-GW for ethylbenzene is 1.57 ppm.
- c) Naphthalene (0.142 ppm) was detected at/between approximate 2 feet to 4 feet below the grade. The RCL-GW for naphthalene is 0.652 ppm.
- d) Toluene (0.081 ppm) was detected at/between approximate 2 feet to 4 feet below the grade. The RCL-GW for toluene is 1.1072 ppm.
- e) Trimethylbenzenes (0.105 ppm) was detected at/between approximate 2 feet to 4 feet below the grade. The RCL-GW for TMBs is 1.3787 ppm.
- f) Xylenes (0.163 ppm) was detected at/between approximate 2 feet to 4 feet below the grade. The RCL-GW for xylenes is 3.96 ppm.
- g) The petroleum volatile organic compounds (PVCs) and naphthalene were not detected at/between approximate 6 feet to 8 feet below the grade.

B-3 Location: NW Corner of Lot

- a) The concentration of naphthalene (0.08 ppm) was detected at/between approximate 2 feet to 4 feet below the grade . The RCL-GW for naphthalene is 0.652 ppm.
- b) The petroleum volatile organic compounds (PVCs) and naphthalene were not detected at/between approximate 6 feet to 8 feet below the grade.

B-4 Location: SE Corner of Lot

- a) The concentration of ethylbenzene (0.039 ppm) was detected between the method of the detection (MOD) and method of quantification (MOQ) at/between approximate 2 feet to 4 feet below the grade. The RCL-GW for ethylbenzene is 1.57 ppm.
- b) The concentration of naphthalene (0.025 ppm) was detected between the method of the detection (MOD) and method of quantification (MOQ) at/between approximate 2 feet to 4 feet below the grade. The RCL-GW for naphthalene is 0.6582 ppm.

Ms. Margaret Brunette Page 3

- c) The concentration of 1,2,4-TMB (0.0279 ppm) was detected between the method of the detection (MOD) and method of quantification (MOQ) at/between approximate 2 feet to 4 feet below the grade. The RCL-GW for TMBs is 1.3787 ppm.
- d) The petroleum volatile organic compounds (PVCs) and naphthalene were not detected at/between approximate 6 feet to 8 feet below the grade.

B-5 Location: E of Building

- a) The concentration of naphthalene (0.041 ppm) was detected between the method of the detection (MOD) and method of quantification (MOQ) at/between approximate 2 feet to 4 feet below the grade. The RCL-GW for naphthalene is 0.6582 ppm.
- b) The petroleum volatile organic compounds (PVCs) and naphthalene were not detected at/between approximate 6 feet to 8 feet below the grade.

Status of Groundwater Quality [Table 3]

MW-1 Location: NW Corner of Lot

- a) Benzene was detected at 1.78 ppb in the groundwater sample collected on 6/13/2018.
- b) The PVOCs were not detected in the groundwater samples of 6/16/2022 and 11/25/2022.

Status of Groundwater Quality [Table 4]

B-2/MW-2 <u>Location</u>: NE Corner of Building

The PVOCs were not detected in the groundwater samples of 6/13/2018, 6/16/2022 and 11/25/2022.

Status of Groundwater Quality [Table 5]

MW-3 <u>Location</u>: <u>NE Corner of Building</u>

The PVOCs were not detected in the groundwater samples of 6/13/2018, 6/16/2022 and 11/25/2022.

Request for Liability of Clarification and Technical Assistance, Wisconsin Statute 292.55 (1) (d) (3) and Wis. Stats. 292.55: Other Technical Assistance of Section 3 of Form 4400-237

"The department may issue a letter to a person seeking assistance under this subsection concerning any of the following."

- 1. The liability of a person owning or leasing a property for environmental pollution of the property.
- 2. The type and extent of environmental pollution of a property.
- 3. The adequacy of an environmental investigation.
- 4. Any other matter related to the request for assistance under this subsection.

OM Enterprises, Inc. believes that a complete site investigation cannot be produced prior to the approval of the "adequacy" of the field phase of the site investigation as set forth under the Wis. Stats. 292.55 (1) (d) (3).

Summary and Request

We believe that the exceptionally low levels of the contaminants would degrade through the processes of the natural attenuation. Additional field phase of site investigation is not warranted. The site will be surveyed very soon.

OM Enterprises, Inc. is requesting to the WDNR to review the attached field fata to determine the adequacy of the filed investigation in accordance with the Wis. Stats. 292.55 (1) (d) (3). If the WDNR considers the review, we will send a check of \$700.00 to the WDNR.

Thank you for your cooperation.

Sincerely,

OM ENTERPRISES, INC.

Raghu B. Singh, Ph. D.

Raphu B, Singh

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Encls: Figure 1: Site Layout and Locations of Soil Borings and Monitoring Wells

Table 1: Nomenclature of Soil Borings and Monitoring Wells

Table 2: Summary of Soil Quality Test Results

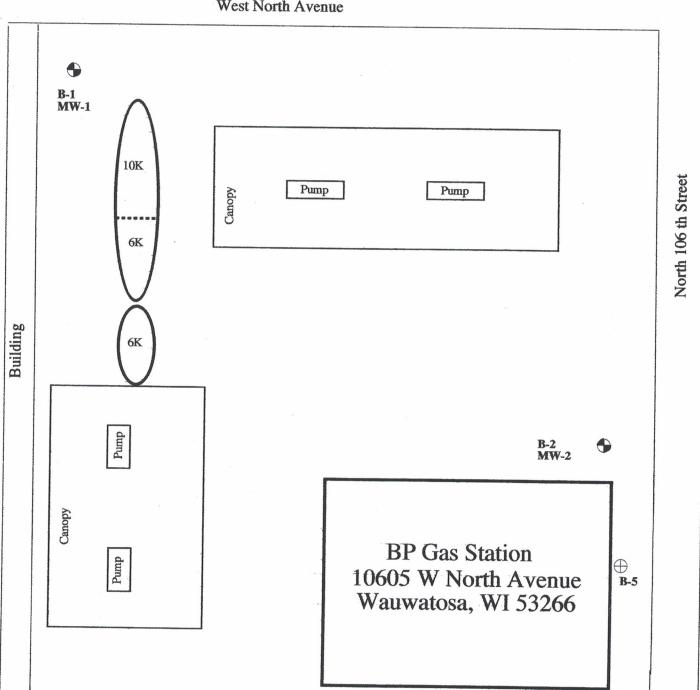
Table 3: Summary of Groundwater Quality Test Results (MW-1)

Table 4: Summary of Groundwater Quality Test Results (MW-2)

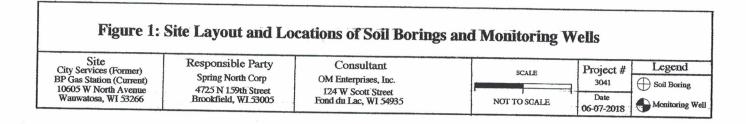
Table 5: Summary of Groundwater Quality Test Results (MW-3)

Appendix A: Laboratory Groundwater Report of 11/25/2022 Groundwater Sampling

CC: Spring North Corp. <u>jasonsingh@aol.com</u>



Alley



B-3 MW-3

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Table 3
Summary of Groundwater Quality Test Results (MW-1)

DNR-BRRTS #: 03-41-560368 DNR-FID #: 341229130 DATCP-TANK-FID #: 415650

LOCATION NAME: City Services (Former) BP Gas Station (Current)

SITE ADDRESS: 1605 W North Avenue, Wauwatosa, WI 53226

MONITORING WELL #				MW-1		7	
Date Installed				6/6/2018		 -	
Well Depth (FEET)			-				
Screen Length (FEET)			-				
Surface Elevation (MSL)				10.00	T	1	
PVC Elevation (MSL)					 	1	
Bottom of Screen Elevation (MSL)					1		
Top of Screen Elevation (MSL)					+		
Elevation of Screened Interval (MSL)					+		
Depth to Groundwater (FEET)	10.10	9.85	10.62		+		
Groundwater Elevation (MSL)						Chanton	NR 140
Date Collected	6/13/2018	6/16/2022	11/25/2022		1		No. 786
Groundwater Concentrations in ug/L (or ppb)	ppb	ppb	ppb			ES	PAL
Benzene	1.78	< 0.30	< 0.37			5	0.5
Ethylbenzene	< 0.26	< 0.33	< 0.39			700	140
MTBE	< 0.28	< 0.47	< 0.4			60	12
Toluene	< 0.19	< 0.33	< 0.53			800	160
TMBs	< 1.43	< 0.76	< 0.83			480	96
Xylenes	< 0.72	< 1.01	< 1.44			2000	400
Naphthalene	< 2.1	< 1.4	< 1.1			100	10

NOTE:

Concentrations in bold indicate values equal to or greater than the Enforcement Standards (ES) of NR 140.

Concentrations in italics indicate values equal to or greater than the Preventive Action Limits (PALs) of NR 140. NT denotes not tested.

"J" denotes concentration between the limit of detection (LOD) and limit of quantification (LOQ).

Table 4
Summary of Groundwater Quality Test Results (MW-2)

DNR-BRRTS #: 03-41-560368 DNR-FID #: 341229130 DATCP-TANK-FID #: 415650
LOCATION NAME: City Services (Former) BP Gas Station (Current)
SITE ADDRESS: 1605 W North Avenue, Wauwatosa, WI 53226

MONITORING WELL#				MW-2				1	
Date Installed				6/6/2018					
Well Depth (FEET)									
Screen Length (FEET)				12.00					
Surface Elevation (MSL)				10.00	T	T	T		
PVC Elevation (MSL)									
Bottom of Screen Elevation (MSL)					 				
Top of Screen Elevation (MSL)									
Elevation of Screened Interval (MSL)									
Depth to Groundwater (FEET)	9.75	10.03	10.45				 		
Groundwater Elevation (MSL)			10.10		 	_	-	Chantan	ND 140
Date Collected	6/13/2018	6/16/2022	11/25/2022					Chapter	
Groundwater Concentrations in ug/L (or ppb)	ppb	ppb	ppb		1			ES	No. 786 PAL
Benzene	< 0.22	< 0.30	< 0.37			1		5	
Ethylbenzene	< 0.26	< 0.33	< 0.39			 		700	0.5
MTBE	< 0.28	< 0.47	< 0.4			-			140
Toluene	< 0.19	< 0.33	< 0.53					60	12
TMBs	< 1.43	< 0.76	< 0.83					800	160
Xylenes	< 0.72	< 1.01	< 1.44					480	96
Naphthalene	< 2.1	< 1.4	< 1.1			-		2000	400
NOTE:		1.7	71.1		L			100	10

NOTE

Concentrations in bold indicate values equal to or greater than the Enforcement Standards (ES) of NR 140.

Concentrations in italics indicate values equal to or greater than the Preventive Action Limits (PALs) of NR 140.

NT denotes not tested.

[&]quot;J" denotes concentration between the limit of detection (LOD) and limit of quantification (LOQ).

Table 5
Summary of Groundwater Quality Test Results (MW-3)

DNR-BRRTS #: 03-41-560368 DNR-FID #: 341229130 DATCP-TANK-FID #: 415650

LOCATION NAME: City Services (Former) BP Gas Station (Current)

SITE ADDRESS: 1605 W North Avenue, Wauwatosa, WI 53226

MONITORING WELL #				MW-3			1	
Date Installed				6/5/2018	·			
Well Depth (FEET)								
Screen Length (FEET)				13.00				
Surface Elevation (MSL)				10.00				
PVC Elevation (MSL)						+		
Bottom of Screen Elevation (MSL)								
Top of Screen Elevation (MSL)						 		
Elevation of Screened Interval (MSL)								
Depth to Groundwater (FEET)	9.05	9.15	10.45					
Groundwater Elevation (MSL)							Chapter	NR 140
Date Collected	6/13/2018	6/16/2022	11/25/2022					No. 786
Groundwater Concentrations in ug/L (or ppb)	ppb	ppb	ppb			† †	ES	PAL
Benzene	< 0.22	< 0.30	< 0.37		† 		5	0.5
Ethylbenzene	< 0.26	< 0.33	< 0.39		†		700	140
MTBE	< 0.28	< 0.47	< 0.4				60	12
Toluene	< 0.19	< 0.33	< 0.53		<u> </u>		800	160
ГМВѕ	< 1.43	< 0.76	< 0.83				480	96
Xylenes	< 0.72	< 1.01	< 1.44			1	2000	400
Naphthalene	< 2.1	< 1.4	< 1.1			 	 100	10

NOTE:

Concentrations in bold indicate values equal to or greater than the Enforcement Standards (ES) of NR 140.

Concentrations in italics indicate values equal to or greater than the Preventive Action Limits (PALs) of NR 140. NT denotes not tested.

[&]quot;J" denotes concentration between the limit of detection (LOD) and limit of quantification (LOQ).

Table 1

Nomenclature of Soil Borings and Monitoring Wells

BRRTS#	03-41-560368						
PECFA#	53226-2312-05						
FID#	341291130						
SITE:	City Services (FMR)						
ADDRESS:	10605 W North Avenue,	0605 W North Avenue, Wauwatosa, WI 53226					

Date	Soil	Boring	Monitor	ing Well	Screen
Advanced/Installed	Id.	Depth (ft.)	Id.	Depth (ft)	Length, ft.
6/5/2018	B-3	13	MW-3	13	10.00
6/6/2018	B-1	12	MW-1	13	10.00
	B-2	12	MW-2	12	10.00
7	B-4	8	N/A	N/A	N/A
	B-5	8	N/A	N/A	N/A

Table 2
Summary of Soil Quality Test Results

DNR-BRRTS #: 03-41-560368 DNR-FID #: 341229130 DATCP-TANK-FID #: 415650

LOCATION NAME: City Services (Former) BP Gas Station (Current)

SITE ADDRESS: 1605 W North Avenue, Wauwatosa, WI 53226

RCLs CALCULATED: To Be Calculated

						AL-								
				BORING #	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5
				Seasonal Low GW Depth (ft.)				,						
				Date Collected	6/6/2018	6/6/2018	6/6/2018	6/6/2018	6/5/2018	6/5/2018	6/6/2018	6/6/2018	6/6/2018	6/6/2018
RCL Ref. Source	Not-To-Exceed	Not-To-Exceed	RCL-GW	SAMPLE IDENTIFICATION	S-2	S-4								
RR-106	D-C RCL	D-C RCL	DF = 2	SAMPLE DEPTH (ft b. g. s.)	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'
Oct-18	Non-Industrial	Industrial	Soil to GW	SOIL TYPE	Silty Sand	Silty Sand	Silty Sand	Silty Sand	Silty Clay	Silty Sand	Fill	Silty Sand	Silty Clay	Silty Sand
Parameters	ppm	ppm	ppm	Parameters	ppm									
Benzene	1.6	7.07	0.0051	Benzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Ethylbenzene	8.02	35.4	1.57	Ethylbenzene	< 0.025	< 0.025	0.039 "J"	< 0.025	< 0.025	< 0.025	0.039 "J"	< 0.025	< 0.025	< 0.025
MTBE	63.8	282	0.027	MTBE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Naphthalene	5.52	24.1	0.6582	Naphthalene	< 0.025	0.033 "J"	0.142	< 0.025	0.08	< 0.025	0.025 "J"	< 0.025	0.041 "J"	< 0.025
Toluene	818	818	1.1072	Toluene	< 0.025	< 0.025	0.081	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
1,2,4 TMB	219	219		1,2,4 TMB	< 0.025	< 0.025	0.066	< 0.025	< 0.025		0.0279 "J"	< 0.025	< 0.025	< 0.025
1.3 ,5 TMB	182	182	1.3787	1.3 ,5 TMB	< 0.025	< 0.025	0.039	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
m & p-Xylenes				m & p-Xylenes	< 0.05	< 0.05	0.090	< 0.05	< 0.05	< 0.023	< 0.023	< 0.023		
o-Xylene	260	260	3.06	Xylenes	< 0.025	< 0.025	0.073	< 0.025	< 0.025	< 0.025			< 0.05	< 0.05
Notes					. 0.023	V 0.023	0.073	~ 0.023	- 0.023	~ 0.023	< 0.025	< 0.025	< 0.025	< 0.025

Note:

Detected concentrations in bold numbers

[&]quot;J" denotes the concentration between the limit of detection (LOD) and limit of quantification (LOQ)

Appendix A Laboratory Groundwater Report of 11/25/2022 Groundwater Sampling

CHAIN OF STODY RECORD Synergy Chain # 42631 Lab I.D. # Page of of Ol Environmental Lab, Inc. QUOTE #: Sample Handling Request Rush Analysis Project #: 3041/BP Gas station www.synergy-lab.net Date Required: (Rushes accepted only with prior authorization) 1990 Prospect Ct. • Appleton, WI 54914 sampler: (signature) Rash B. Singl 920-830-2455 • mrsynergy@wi.twcbc.com Normal Turn Around Project (Name / Location): 10605 W North Avenue, Wauwatera, WI 53221 **Analysis Requested** Other Analysis Reports To: Invoice To: OM Enterprises, Inc Company OM Enterprises, Inc Address 124 W. Scott Streat 124 W. Scott Street City State Zip Funddu Lac W 5 4935 City State Zip Fund du Lac WI54535 GRO (Mod GRO Sep 95) DRO (Mod DRO Sep VOC DW (EPA 524.2) (262) 853-0712 (262) 853-0712 PVOC (EPA 8021) VOC AIR (TO - 15) VOC (EPA 8260) PAH (EPA 8270) RACHUM @GMP. Com OIL & GREASE Email FACHUOM EGMALCOM PID FID Collection Filtered No. of Sample Lab I.D. Sample I.D. LEAD Type Preservation Date Time Y/N Containers (Matrix)* SOUTHUL A MW-I 11/25/29/30/2 NIA 03 Gw HU m W - 2 10,15% N/A 03 Colu 120 IMW.3 1-15/ 16 NIA 03 QW 40

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

Sample Integrity - To be completed by receiving lab. Method of Shipment:	Relinquished By: (sign) Raghu B, Cint	Time 9.45/h	Date 	Received By: (sign)	Time	Date
Temp. of Temp. Blank: °C On Ice:						
Cooler seal intact upon receipt: Yes No	Received in Laboratory By:	7		Time: \$/xxx	Date: //	

Synergy Environmental Lab, LLC.

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

RAGHU B SINGH PH D OM ENTERPRISES. INC. 124 W. SCOTT STREET FOND DU LAC. WI 54935

Report Date 29-Nov-22

Project Name

10605 W NORTH AVE, WAUWATOSA

Invoice # E41761

Project #

3041

Lab Code

5041761A

Sample ID

MW-1

Sample Matrix Water

vv atei

Sample Date

11/25/2022

	Result	Unit	LOD I	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.37	ug/l	0.37	1.4	1	GRO95/8	021	11/28/2022	CJR	1
Ethylbenzene	< 0.39	ug/l	0.39	1.48	1	GRO95/80)21	11/28/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.4	ug/l	0.4	1.52	1	GRO95/80)21	11/28/2022	CJR	1
Naphthalene	< 1.11	ug/l	1.11	4.28	1	GRO95/80	021	11/28/2022	CJR	1
Toluene	< 0.53	ug/l	0.53	2.04	1	GRO95/80	21	11/28/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.36	ug/l	0.36	1.37	1	GRO95/80	21	11/28/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.47	ug/l	0.47	1.82	1	GRO95/80	21	11/28/2022	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.64	1	GRO95/80	21	11/28/2022	CJR	1
o-Xylene	< 0.75	ug/l	0.75	2.88	1	GRO95/80	21	11/28/2022	CJR	1

Project Name 10605 W NORTH AVE, WAUWATOSA

Project #

3041

Lab Code 5041761B Sample ID MW-2 Sample Matrix Water

Sample Date	11/25/2022	
		Resu

	Result	Unit	LOD L	OQ I	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.37	ug/l	0.37	1.4	1	GRO95/8	021	11/29/2022	CJR	1
Ethylbenzene	< 0.39	ug/l	0.39	1.48	1	GRO95/8	021	11/29/2022	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.4	ug/l	0.4	1.52	1	GRO95/8	021	11/29/2022	CJR	1
Naphthalene	< 1.11	ug/l	1.11	4.28	1	GRO95/80)21	11/29/2022	CJR	1
Toluene	< 0.53	ug/l	0.53	2.04	1	GRO95/80	021	11/29/2022	CJR	1
1,2,4-Trimethylbenzene	< 0.36	ug/l	0.36	1.37	1	GRO95/80	021	11/29/2022	CJR	1
1,3,5-Trimethylbenzene	< 0.47	ug/l	0.47	1.82	1	GRO95/80	021	11/29/2022	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.64	1	GRO95/80	021	11/29/2022	CJR	1
o-Xylene	< 0.75	ug/l	0.75	2.88	1	GRO95/80	021	11/29/2022	CJR	1

Lab Code 5041761C Sample ID MW-3 Sample Matrix Water Sample Date 11/25/2022

•	Result	Unit	LOD I	LOQ D	il	Method Ext Date	Run Date Analyst	Code
Organic								
PVOC + Naphthalene								
Benzene	< 0.37	ug/l	0.37	1.4	1	GRO95/8021	11/29/2022 CJR	1
Ethylbenzene	< 0.39	ug/l	0.39	1.48	1	GRO95/8021	11/29/2022 CJR	1
Methyl tert-butyl ether (MTBE)	< 0.4	ug/l	0.4	1.52	1	GRO95/8021	11/29/2022 CJR	1
Naphthalene	< 1.11	ug/l	1.11	4.28	1	GRO95/8021	11/29/2022 CJR	1
Toluene	< 0.53	ug/l	0.53	2.04	1	GRO95/8021	11/29/2022 CJR	1
1,2,4-Trimethylbenzene	< 0.36	ug/l	0.36	1.37	1	GRO95/8021	11/29/2022 CJR	1
1,3,5-Trimethylbenzene	< 0.47	ug/l	0.47	1.82	1	GRO95/8021	11/29/2022 CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.64	1	GRO95/8021	11/29/2022 CJR	1
o-Xylene	< 0.75	ug/l	0.75	2.88	1	GRO95/8021	11/29/2022 CJR	1

[&]quot;J" Flag: Analyte detected between LOD and LOO

1

LOD Limit of Detection

LOQ Limit of Quantitation

Invoice # E41761

Code Comment

Laboratory QC within limits.

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

Authorized Signature