### OM ENTERPRISES, INC.

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June 14, 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

Subject:

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

BRRTS # 03-41-560368 FID # 341229130

**Status Report** 

### Dear Ms. Brunette:

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

### **Status of Underground Storage Tanks (DATCP-FID # 415650)**

Three double walled fiberglass tanks (6-K, 6-K, and 10-K Gallons) were installed on January 28, 2013. The flexible product lines are also double walled.

### **Advancement of Soil Borings and Monitoring Wells**

Five soil borings were advanced in June 2018. Three soil borings were converted into the groundwater monitoring wells. The locations of the borings and wells are shown on Figure 1.

### **Status of Soil Contamination (Table 1)**

- a) Benzene and MTBE not detected in any soil boring.
- b) Ethylbenzene detected between the limits of detection and quantification in B-2 and B-4.
- c) Naphthalene detected between 0.142 ppm and 0.08 ppm in B2 and B-3.
- d) Exceptionally low levels of trimethylbenzenes and xylenes in B-2.

OM Enterprises, Inc. believes that the natural attenuation processes would help degrade the exceptionally low levels of contaminants in the soils.

### **Status of Groundwater Contamination (Table 2)**

- a) The petroleum volatile organic compounds (PVOCs) and naphthalene were not detected in the monitoring wells MW-2 and MW-3
- b) Benzene was detected at 1.78 ppb in MW-1. This concentration exceeds the preventive action limit of 0.5 ppb.

OM Enterprises, Inc. believes that the additional groundwater sampling is warranted to complete the closure requirements of the WDNR.

### **Proposed Plan of Additional Site Investigation**

- a) Conduct the engineering survey of the site,
- b) Conduct three rounds of quarterly groundwater sampling, and
- c) Submit the site investigation and closure requests.

### **Summary**

The extremely low level of the petroleum contamination in the soils and groundwaters have been detected. We believe that the exceptionally low levels of the contaminants would degrade by the processes of the natural attenuation. The site investigation and closure reports would be submitted after conducting the three rounds of the quarterly groundwater samplings.

Thank you for your cooperation.

Sincerely,

OM ENTERPRISES, INC.

Raghu B. Singh, Ph. D.

Environmental Professional

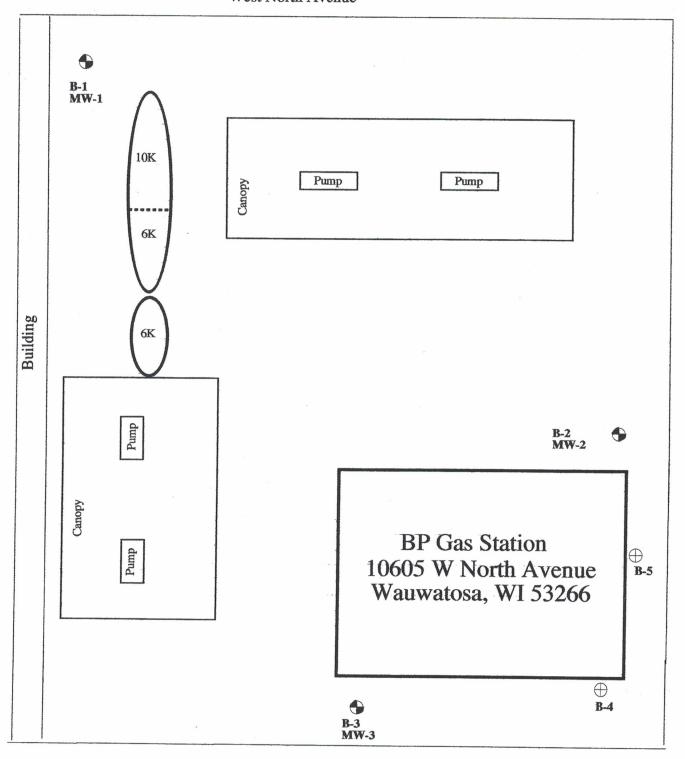
Encls: Figure 1: Site Layout and Locations of Soil Borings and Monitoring Wells

Table 1: Summary of Soil Quality Test Results

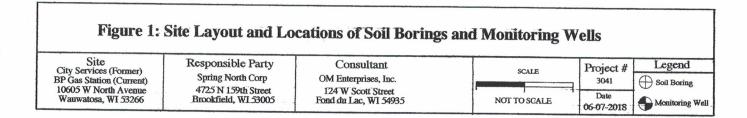
Table 2: Summary of Groundwater Quality Test Results

CC: Jay Walia/ Spring North Corp.

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## Table 1 ( DRAFT) 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

BORING #	B-1	B-1	В-2	B-2	В-3	В-3	B-4	B-4	B-5	B-5
DEPTH to Seasonal Low Water Table (ft BGS)										
Date Collected	6/6/2018	8102/9/9	6/6/2018	6/6/2018	6/5/2018	6/5/2018	6/6/2018	6/6/2018	6/6/2018	6/6/2018
SAMPLE IDENTIFICATION	S-2	S-4	S-2	S-4	S-2	S-4	S-2	S-4	S-2	S-4
SAMPLE DEPTH (ft below ground surface)	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'
SOIL TYPE	Silty Sand	Silty Sand	Silty Sand Silty Sand Silty Sand Silty Sand Silty Clay	Silty Sand	Silty Clay	Silty Sand	Fill	Silty Sand Silty Clay	Silty Clay	Silty Sand
Parameters & Concentrations in mg/kg (or ppm)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Benzene	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Ethylbenzene	< 0.025	< 0.025	0.039 "J"	< 0.025	< 0.025	< 0.025	0.039 "J"	< 0.025	< 0.025	< 0.025
MTBE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
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	< 0.025	< 0.025	0.081	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
1,2,4 TMB	< 0.025	< 0.025	0.066	< 0.025	< 0.025	< 0.025	0.0279 "J"	< 0.025	< 0.025	< 0.025
1.3 ,5 TMB	< 0.025	< 0.025	0.039	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Xylenes	< 0.075	< 0.075	0.163	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075
MT 1					-					

## Note:

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

Detected concentrations in bold numbers

Summary of Groundwater Quality Test Results Table 2 (DRAFT)

- 11	Ш	TIM T A NIV	115 H 415/60	1		
DINK-BINKIS #: 05-41-500506 DINK-FID #: 541229150	1	ICF-IANN-	DATCE-TANN-FID #: 413030			
LOCATION NAME: City Services (Former)	BP Gas Station (Current)	n (Current)				
SITE ADDRESS: 1605 W North Avenue, Wauwatosa, WI 53226	sa, WI 53226					
				e		
MONITORING WELL #	MW-1	MW-2	MW-3			
Date Installed	6/6/2018	6/6/2018	6/5/2018			
Well Depth (FEET)	13.00	12.00	13.00			
Screen Length (FEET)	10.00	10.00	10.00			
Surface Elevation (MSL)						
PVC Elevation (MSL)						
Bottom of Screen Elevation (MSL)						
Top of Screen Elevation (MSL)						
Elevation of Screened Interval (MSL)						
Depth to Groundwater (FEET)	10.10	9.75	9.05			
Groundwater Elevation (MSL)					Chapter NR 140	40
Date Collected	6/13/2018	6/13/2018	6/13/2018		2021 No. 786	6
Groundwater Concentrations in ug/L (or ppb)	ppb	ppb	ppb			PAL
Benzene	1.78	< 0.22	< 0.22		5 (	0.5
Ethylbenzene	< 0.26	< 0.26	< 0.26		-	140
MTBE	< 0.28	< 0.28	< 0.28			12
Toluene	< 0.19	< 0.19	< 0.19			160
TMBs	< 1.43	< 1.43	<1.43			96
Xylenes	< 0.72	< 0.72	< 0.72		2000 4	400
Naphthalene	< 2.1	< 2.1	< 2.1		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.

<sup>&</sup>quot;J" denotes concentration between the limit of detection (LOD) and limit of quantification (LOQ).