

O M ENTERPRISES, INC.
124 West Scott Street
Fond du Lac, WI 54935-2270

(262) 853 – 0712

raghuom@gmail.com

June 25, 2024

Mr. John T. Hunt
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
101 Ogden Road
Peshtigo, WI 54157

Subject: BP Gas Station (Former Clark Gas Station # 562)
4751 N. Santa Monica Blvd., Milwaukee, WI

DATCP-FID # 416189

DNR-FID # 241574850

BRRTS # 03-41-000450 Start: 09-28-1989 End: 05-26-2010.

Continuing Obligations (On-site)
Migration of Groundwater Contamination to 4771 N. Santa Monica Blvd. (Off-site)
Migration of Groundwater Contamination to 201 E. / now 285 E. Hampton Ave. (Off-site)
Migration of Groundwater Contamination to 265 E. Hampton Ave. (Off-site)

BRRTS # 03-41-589630 Start: 04-20-2022 End: Open

**Status of Wis. Admin. Code § NR 716 Site Investigations:
Groundwater Sampling on June 12, 2024**

Dear Mr. Hunt:

The third round of groundwater sampling was conducted on June 12, 2024. Synergy Environmental Lab LLC provided the analytical report on June 19, 2024. .

On behalf of the responsible party, OM Enterprises, Inc. is submitting “Status of Wis. Admin. Code § NR 716 Site Investigations” for the open LUST-BRRTS # 03-41-589630.

The site layout and locations of monitoring wells have been shown in **Figure 1**. The groundwater samples were evaluated for petroleum volatile organic compounds (PVOCs) and naphthalene. The lab report has been included in **Appendix A**.

Monitoring Well MW-1 Table 1

Benzene (0.84 ppb “J”) and (3.90 ppb) in December 2023 and March 2024, respectively.
Ethylbenzene (34 ppb) and (79 ppb) in December 2023 and March 2024, respectively.
Naphthalene (30.10 ppb) and (43 ppb) in December 2023 and March 2024, respectively.
TMBs (213 ppb) and (533 ppb) in December 2023 and March 2024, respectively.
Xylenes (235 ppb) and (664 ppb) in December 2023 and March 2024, respectively.

The concentrations of benzene (6.9 ppb “J”), naphthalene (110 ppb), TMBs (1250 ppb), and xylenes (2440 ppb) exceeded their respective ES limits in June 2024.

The third round of groundwater sampling will be conducted in September 2024.

Monitoring Well MW-2 Table 2

PVOCs and naphthalene not detected.
The third round of groundwater sampling will be conducted in September 2024.

Monitoring Well MW-3 Table 3

PVOCs and naphthalene not detected.
The third round of groundwater sampling will be conducted in September 2024.

Monitoring Well MW-4 Table 4

PVOCs and naphthalene not detected.
The third round of groundwater sampling will be conducted in September 2024.

Monitoring Well MW-5 Table 5

PVOCs and naphthalene not detected.
The third round of groundwater sampling will be conducted in September 2024.

Tank Sump Well Table 6

PVOCs and naphthalene not detected.
The third round of groundwater sampling will be conducted in September 2024.

Estimated Groundwater Flow

Groundwater elevation data have also been summarized in **Table 1 through Table 6**. Based on the existing impediment structures and developmental activities, the estimated groundwater flow appears northeasterly (**Figure 2**) and northwesterly (**Figure 3**).

The underground structures and utilities impact the flows of the groundwater. The contaminants migrate with the flowing groundwater.

1. The heterogeneity of the land uses/development of a site and the presence of the underground networks lead to the spatial and temporal variations in the flows of the groundwater and contaminants.

Ref: Schirmer, S. et al. (2013) Current research in urban hydrogeology. Adv. Water Resource 51-280-291.

2. Urban underground is a complex system with many operating man-made infrastructures (e. g. underground buildings, subway lines, sewer networks, heat pump schemes). These structures disturb the natural flow and quality of the groundwater.

Ref: Attard, Guillaume et al. (2015) Review: Impact of underground structures on the flow of urban groundwater. Hydrogeology Journal/Springer-Verlag Berlin Heidelberg, 2015.

3. Underground construction can impact the flow of groundwater in two ways. They can either (1) act as an obstacle to the flow such that the hydrodynamic parameters of the aquifer are affected, or (2) disturb the mass balance of the flow system. The installation of underground structures in an aquifer can lead to the low permeability (deep foundation); Dirichlet Boundary Condition (Drain); Neumann Boundary Condition (Pumping and Reinjection of Well); Cauchy Boundary Condition (Sewer Leakages or Infiltration); and low permeability plus Dirichlet and Neumann Boundary Conditions (Underground Car Park with Drainage and Reinjection System).

Ref: Attard, Guillaume et al. (2015) Review: Impact of underground structures on the flow of urban groundwater. Hydrogeology Journal/Springer-Verlag Berlin Heidelberg, 2015.

Summary, Conclusions, and Recommendations

There is a significant increase in the concentration of benzene, naphthalene, TMBs, and xylenes in the groundwater of monitoring well MW-1. The third round of groundwater sampling will be conducted in September 2024.

Thank you for your cooperation.

Sincerely,

O M ENTERPRISES, INC.

Raghu B. Singh

Raghu B. Singh, Ph. D.
Environmental Professional
40 CFR § 312.10 (b)

Encl:

Figure 1: Site Layout, Locations of Soil Borings and Monitoring Wells, and Groundwater Elevations on 06-12-2024

Figure 2: Site Layout, Locations of Soil Borings and Monitoring Wells, and Estimated Groundwater Flow (Tank Sump Well, MW-1, and MW-2) on 06-12-2024

Figure 3: Site Layout, Locations of Soil Borings and Monitoring Wells, and Estimated Groundwater Flow (MW-2, MW-3, and MW-4) on 06-12-2024

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

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

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

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

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

Table 6: Summary of Groundwater Quality Test Results and Groundwater Elevations (Tank Sump Well)

Appendix A: Synergy Lab Report of June 2024 Groundwater Sampling

CC: Mr. Amin Bhimani/Responsible Party / AYSS786@gmail.com

East Hampton Avenue

One Hour Martinizing
285 E. Hampton Avenue
(Former Gas Station)
BRRTS # 03-41-002225
Closed : 03-01-2017

One Hour Martinizing
285 E. Hampton Avenue
(Now Dry Cleaning Site)
BRRTS # 02-41-543260
Wells Abandoned on 6/17/22 & 8/5/22

Shover's Realty
4771 N. Santa Monica Blvd.
B-7/MW-5 for Clark Oil
(Abandoned)

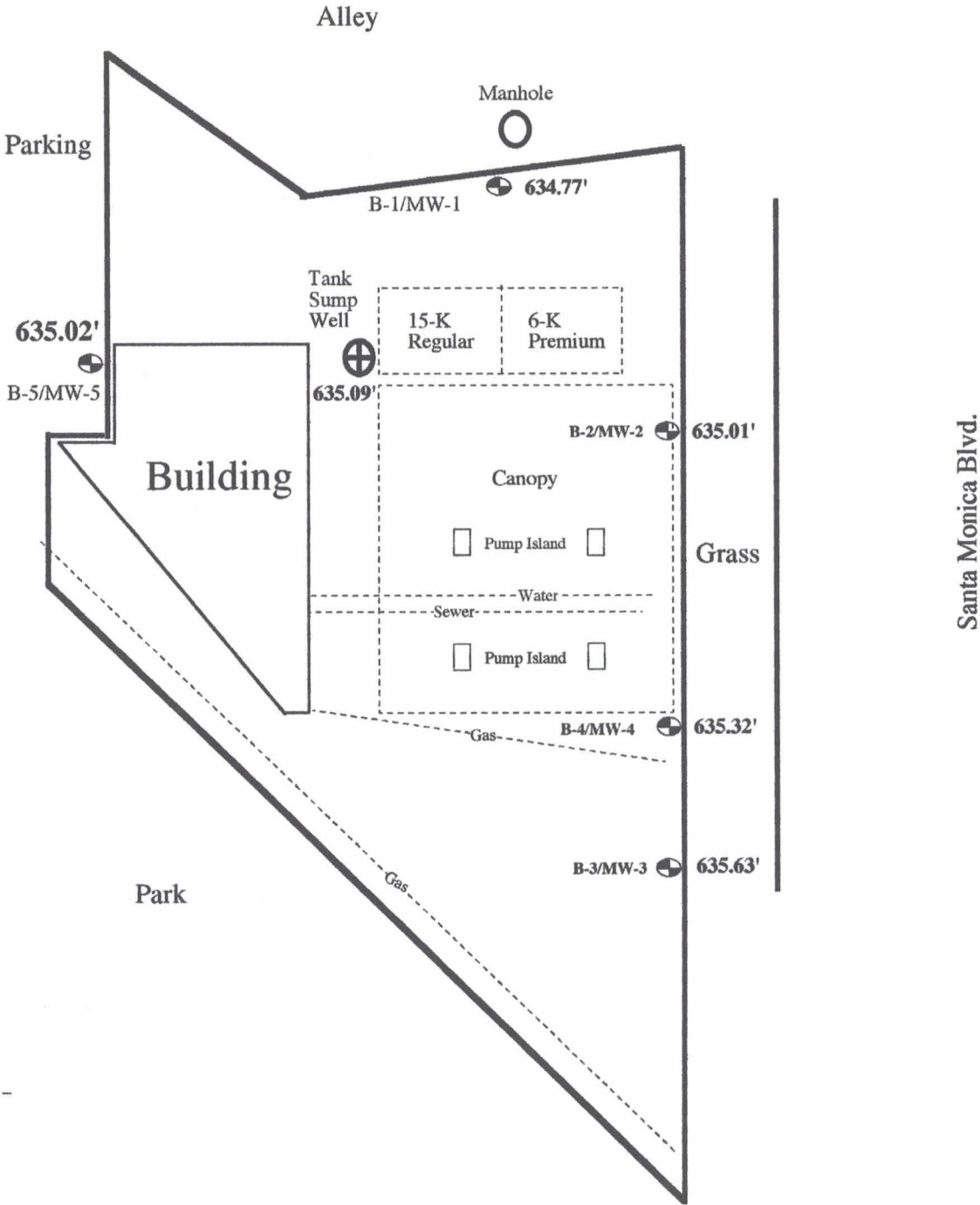


Figure 1: Site Layout, Locations of Soil Borings and Monitoring Wells, and Groundwater Elevations on 06-12-2024

Site Clark Gas Station 4751 N Santa Monica Blvd. Milwaukee, WI 53211	Consultant OM Enterprises, Inc. 124 W Scott Street Fond du Lac, WI 54935	Scale 	Project # 3062	Legend Monitoring Well Soil Boring
			Date 06/25/2024	

East Hampton Avenue

One Hour Martinizing
285 E. Hampton Avenue
(Former Gas Station)
BRRS # 03-41-002225
Closed : 03-01-2017

One Hour Martinizing
285 E. Hampton Avenue
(Now Dry Cleaning Site)
BRRS # 02-41- 543260
Wells Abandoned on 6/17/22 & 8/5/22

Shover's Realty
4771 N. Santa Monica Blvd.
B-7/MW-5 for Clark Oil
(Abandoned)

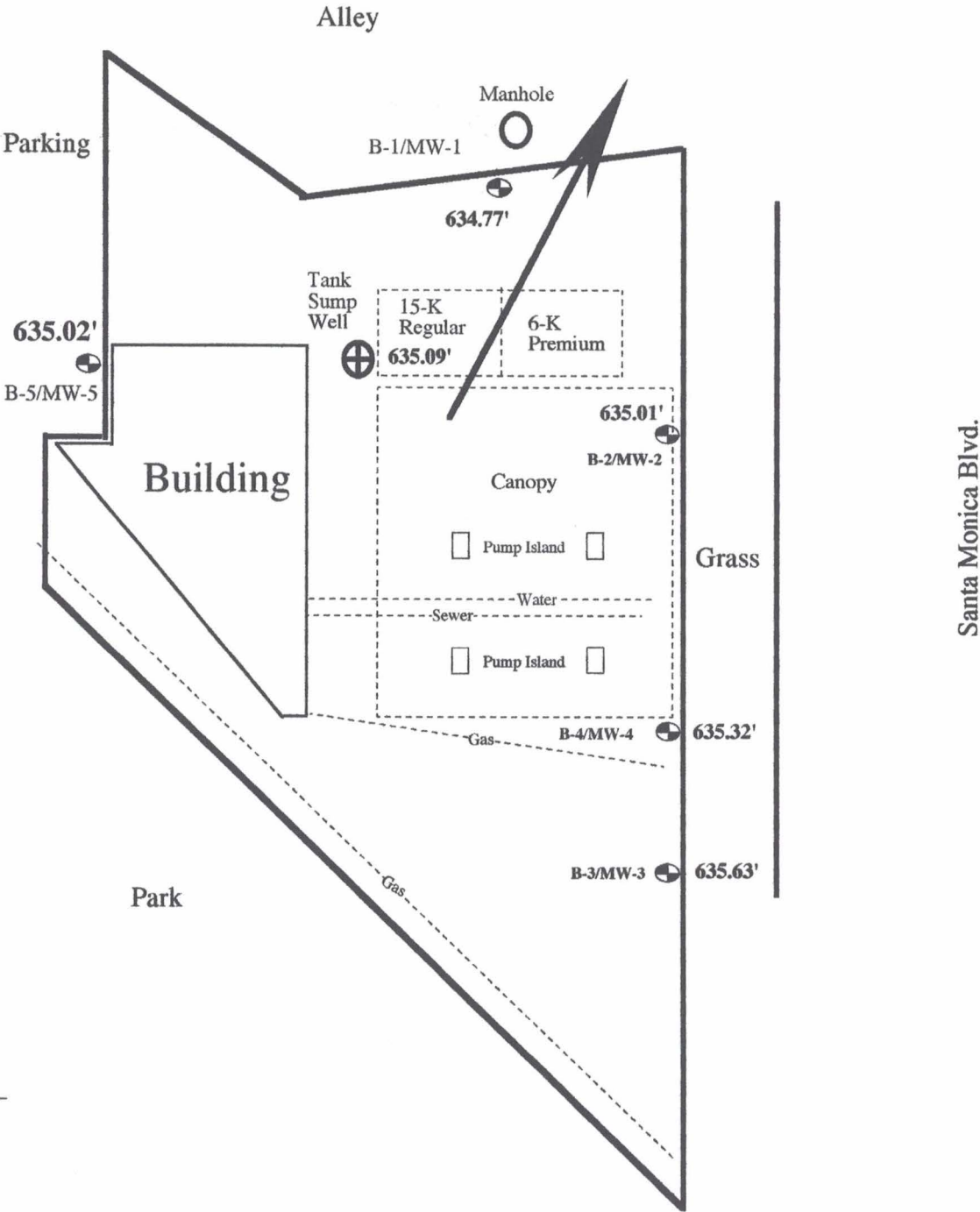


Figure 2: Site Layout, Locations of Soil Borings and Monitoring Wells, and Estimated Groundwater Flow (Tank Sump Well, MW-1, and MW-2) on 06-12-2024

<p>Site Clark Gas Station 4751 N Santa Monica Blvd. Milwaukee, WI 53211</p>	<p>Consultant OM Enterprises, Inc. 124 W Scott Street Fond du Lac, WI 54935</p>	<p>Scale 0' 15' 30'</p>	<p>Project # 3062 Date 06/25/2024</p>	<p>Legend</p> <ul style="list-style-type: none"> Monitoring Well Soil Boring Estimated Groundwater Flow
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East Hampton Avenue

One Hour Martinizing
285 E. Hampton Avenue
(Former Gas Station)
BRRS # 03-41-002225
Closed : 03-01-2017

One Hour Martinizing
285 E. Hampton Avenue
(Now Dry Cleaning Site)
BRRS # 02-41- 543260
Wells Abandoned on 6/17/22 & 8/5/22

Shover's Realty
4771 N. Santa Monica Blvd.
B-7/MW-5 for Clark Oil
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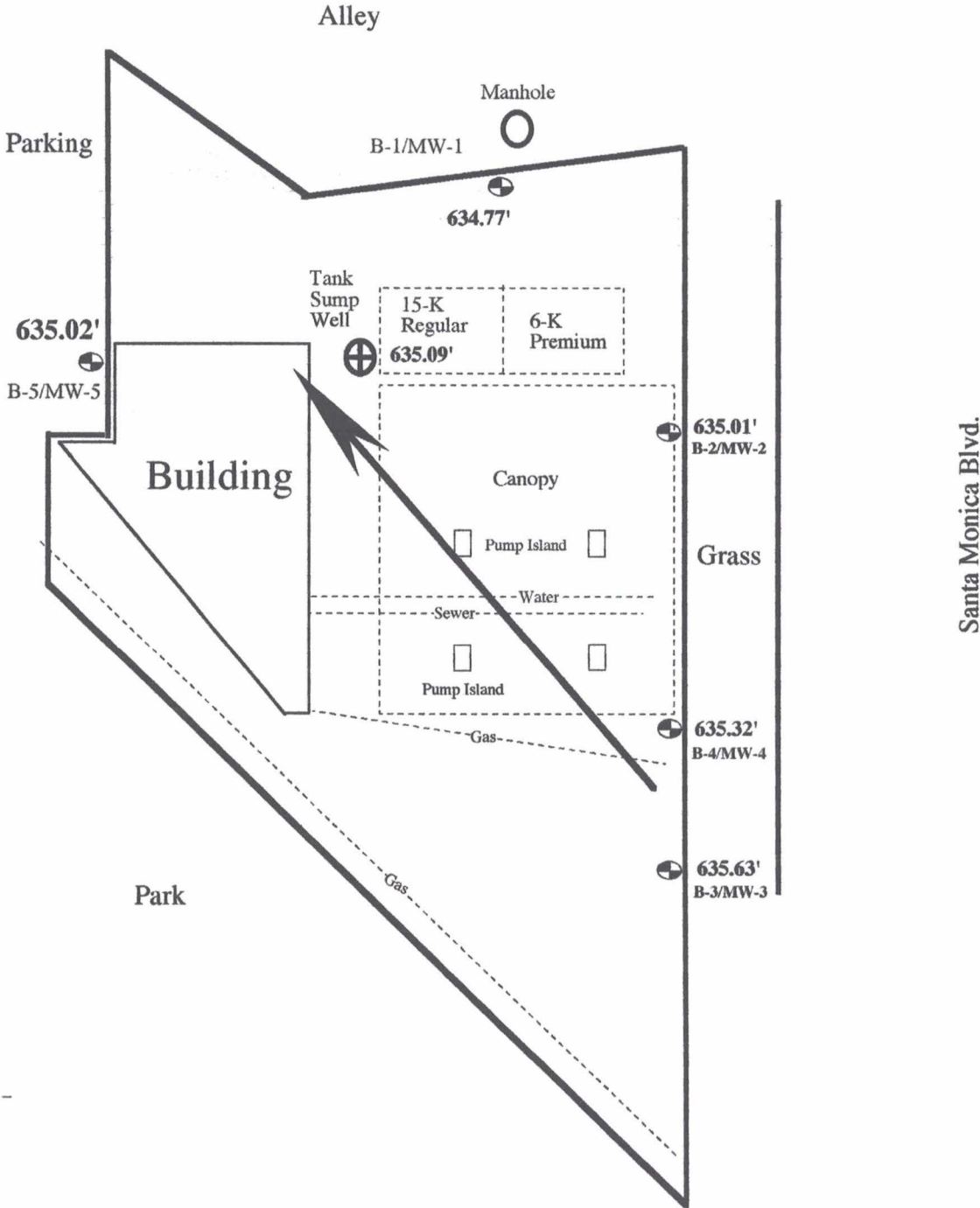


Figure 3: Site Layout, Locations of Soil Borings and Monitoring Wells, and Estimated Groundwater Flow (MW-2, MW-3, and MW-4) on 06-12-2024

Site Clark Gas Station 4751 N Santa Monica Blvd. Milwaukee, WI 53211	Consultant OM Enterprises, Inc. 124 W Scott Street Fond du Lac, WI 54935	Scale 	Project # 3062 Date 06/25/2024	Legend Monitoring Well Soil Boring Estimated Groundwater Flow
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Table 1
 Summary of Groundwater Quality Test Results (MW-1)
 BRRTS # 03-41-589630 FID # 241574850
 SITE NAME: BP Gas Station
 SITE ADDRESS: 4751 N Santa Monica Blvd., Milwaukee

MONITORING WELL #	MW-1								
Date Installed	12/5/2023								
Well Depth (FEET)									
Screen Length (FEET)									
Surface Elevation (MSL)	643.42	643.42	643.42	643.42	643.42	643.42	643.42	643.42	643.42
PVC Elevation (MSL)	643.17	643.17	643.17	643.17	643.17	643.17	643.17	643.17	643.17
Bottom of Screen Elevation (MSL)									
Top of Screen Elevation (MSL)									
Elevation of Screened Interval (MSL)									
Depth to Groundwater (FEET)	10.30	8.70	8.40						
Groundwater Elevation (MSL)	632.87	634.47	634.77						
Date Collected	12/13/2023	3/31/2024	6/12/2024						
Concentrations in ug/L (or ppb)	ppb	ppb	ppb						
Benzene	0.84 "J"	3.90	6.9 "J"						
Ethylbenzene	34	79	75						
MTBE	< 0.47	< 0.45	< 0.46						
Naphthalene	30.10	43.00	110.00						
Toluene	1.39	1.03 "J"	< 2.6						
TMBs	213	533	1250						
Xylenes	235	664	2440						
									Chapter NR 140
									July 2023 No. 811
									ES
									PAL
									5
									0.5
									700
									140
									60
									12
									100
									10
									800
									160
									480
									96
									2000
									400

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 2
 Summary of Groundwater Quality Test Results (MW-2)
 BRRTS # 03-41-589630 FID # 241574850
 SITE NAME: BP Gas Station
 SITE ADDRESS: 4751 N Santa Monica Blvd., Milwaukee

MONITORING WELL #	MW-2								
Date Installed	12/6/2023								
Well Depth (FEET)									
Screen Length (FEET)									
Surface Elevation (MSL)	643.35	643.35	643.35	643.35	643.35	643.35	643.35	643.35	643.35
PVC Elevation (MSL)	643.04	643.04	643.04	643.04	643.04	643.04	643.04	643.04	643.04
Bottom of Screen Elevation (MSL)									
Top of Screen Elevation (MSL)									
Elevation of Screened Interval (MSL)									
Depth to Groundwater (FEET)	10.20	8.48	8.03						
Groundwater Elevation (MSL)	632.84	634.56	635.01						
Date Collected	12/13/2023	3/31/2024	6/12/2024						
Concentrations in ug/L (or ppb)	ppb	ppb	ppb						
Benzene	< 0.3	< 0.31	< 0.34						
Ethylbenzene	< 0.33	< 0.33	< 0.45						
MTBE	< 0.47	< 0.45	< 0.46						
Naphthalene	< 1.4	< 1	< 0.21						
Toluene	0.42 "J"	< 0.41	< 0.26						
TMBs	2.27	< 0.68	< 1.06						
Xylenes	1.39 "J"	< 1.14	< 1.76						
									Chapter NR 140
									July 2023 No. 811
									ES
									<i>PAL</i>
									5
									<i>0.5</i>
									700
									<i>140</i>
									60
									<i>12</i>
									100
									<i>10</i>
									800
									<i>160</i>
									480
									<i>96</i>
									2000
									<i>400</i>

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 3
 Summary of Groundwater Quality Test Results (MW-3)
 BRRTS # 03-41-589630 FID # 241574850
 SITE NAME: BP Gas Station
 SITE ADDRESS: 4751 N Santa Monica Blvd., Milwaukee

MONITORING WELL #	MW-3								
Date Installed	12/6/2023								
Well Depth (FEET)									
Screen Length (FEET)									
Surface Elevation (MSL)	643.00	643.00	643.00	643.00	643.00	643.00	643.00	643.00	643.00
PVC Elevation (MSL)	642.73	642.73	642.73	642.73	642.73	642.73	642.73	642.73	642.73
Bottom of Screen Elevation (MSL)									
Top of Screen Elevation (MSL)									
Elevation of Screened Interval (MSL)									
Depth to Groundwater (FEET)	9.98	7.45	7.10						
Groundwater Elevation (MSL)	632.75	635.28	635.63						
Date Collected	12/13/2023	3/31/2024	6/12/2024						
Concentrations in ug/L (or ppb)	ppb	ppb	ppb						
Benzene	< 0.3	< 0.31	< 0.34						
Ethylbenzene	< 0.33	< 0.33	< 0.45						
MTBE	< 0.47	< 0.45	< 0.46						
Naphthalene	< 1.4	< 1	< 0.21						
Toluene	< 0.33	< 0.41	< 0.26						
TMBs	2.82	< 0.68	< 1.06						
Xylenes	1.70 "J"	< 1.14	< 1.76						
									Chapter NR 140
									July 2023 No. 811
									ES
									<i>PAL</i>
									5
									<i>0.5</i>
									700
									<i>140</i>
									60
									<i>12</i>
									100
									<i>10</i>
									800
									<i>160</i>
									480
									<i>96</i>
									2000
									<i>400</i>

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-4)
 BRRTS # 03-41-589630 FID # 241574850
 SITE NAME: BP Gas Station
 SITE ADDRESS: 4751 N Santa Monica Blvd., Milwaukee

MONITORING WELL #	MW-4								
Date Installed	12/6/2023								
Well Depth (FEET)									
Screen Length (FEET)									
Surface Elevation (MSL)	643.47	643.47	643.47	643.47	643.47	643.47	643.47	643.47	643.47
PVC Elevation (MSL)	643.07	643.07	643.07	643.07	643.07	643.07	643.07	643.07	643.07
Bottom of Screen Elevation (MSL)									
Top of Screen Elevation (MSL)									
Elevation of Screened Interval (MSL)									
Depth to Groundwater (FEET)	10.30	8.15	7.75						
Groundwater Elevation (MSL)	632.77	634.92	635.32						
Date Collected	12/13/2023	3/31/2024	6/12/2024						
Concentrations in ug/L (or ppb)	ppb	ppb	ppb						
Benzene	< 0.3	< 0.31	< 0.34						
Ethylbenzene	< 0.33	< 0.33	< 0.45						
MTBE	< 0.47	< 0.45	< 0.46						
Naphthalene	< 1.4	< 1	< 0.21						
Toluene	< 0.33	< 0.41	< 0.26						
TMBs	< 0.41	< 0.68	< 1.06						
Xylenes	1.39 "J"	< 1.14	< 1.76						
									Chapter NR 140
									July 2023 No. 811
									ES
									<i>PAL</i>
									5
									<i>0.5</i>
									700
									<i>140</i>
									60
									<i>12</i>
									100
									<i>10</i>
									800
									<i>160</i>
									480
									<i>96</i>
									2000
									<i>400</i>

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 5

Summary of Groundwater Quality Test Results (MW-5)

BRRTS # 03-41-589630 FID # 241574850

SITE NAME: BP Gas Station

SITE ADDRESS: 4751 N Santa Monica Blvd., Milwaukee

MONITORING WELL #	MW-5										
Date Installed	12/5/2023										
Well Depth (FEET)											
Screen Length (FEET)											
Surface Elevation (MSL)	643.13	643.13	643.13	643.13	643.13	643.13	643.13	643.13	643.13		
PVC Elevation (MSL)	642.80	642.80	642.80	642.80	642.80	642.80	642.80	642.80	642.80		
Bottom of Screen Elevation (MSL)											
Top of Screen Elevation (MSL)											
Elevation of Screened Interval (MSL)											
Depth to Groundwater (FEET)	10.10	7.75	7.78								
Groundwater Elevation (MSL)	632.70	635.05	635.02								
Date Collected	12/13/2023	3/31/2024	6/12/2024								
Concentrations in ug/L (or ppb)	ppb	ppb	ppb								
Benzene	0.43 "J"	< 0.31	< 0.34							5	<i>0.5</i>
Ethylbenzene	0.66 "J"	< 0.33	< 0.45							700	<i>140</i>
MTBE	< 0.47	< 0.45	< 0.46							60	<i>12</i>
Naphthalene	<i>36.00</i>	< 1	< 0.21							100	<i>10</i>
Toluene	0.67 "J"	< 0.41	< 0.26							800	<i>160</i>
TMBs	8.78	< 0.68	< 1.06							480	<i>96</i>
Xylenes	3.82	< 1.14	< 1.76							2000	<i>400</i>

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 6

Summary of Groundwater Quality Test Results (Tank Sump)

BRRTS # 03-41-589630 FID # 241574850

SITE NAME: BP Gas Station

SITE ADDRESS: 4751 N Santa Monica Blvd., Milwaukee

MONITORING WELL #	Tank Sump										
Date Installed	12/5/2023										
Well Depth (FEET)											
Screen Length (FEET)											
Surface Elevation (MSL)	643.84	643.84	643.84	643.84	643.84	643.84	643.84	643.84	643.84		
PVC Elevation (MSL)											
Bottom of Screen Elevation (MSL)											
Top of Screen Elevation (MSL)											
Elevation of Screened Interval (MSL)											
Depth to Groundwater (FEET)	11.00	8.03	8.75								
Groundwater Elevation (MSL)	632.84	635.81	635.09								
Date Collected	12/13/2023	3/31/2024	6/12/2024								
Concentrations in ug/L (or ppb)	ppb	ppb	ppb								
Benzene	< 0.3	< 0.31	< 0.34							5	<i>0.5</i>
Ethylbenzene	< 0.33	< 0.33	< 0.45							700	<i>140</i>
MTBE	< 0.47	< 0.45	< 0.46							60	<i>12</i>
Naphthalene	< 1.4	< 1	< 0.21							100	<i>10</i>
Toluene	< 0.33	< 0.41	< 0.26							800	<i>160</i>
TMBs	< 0.76	< 0.68	< 1.06							480	<i>96</i>
Xylenes	< 1.1	< 1.14	< 1.76							2000	<i>400</i>

Chapter NR 140
July 2023 No. 811
ES PAL

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NT denotes not tested.

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

Appendix A

Synergy Lab Report of June 2024

Groundwater Sampling

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 19-Jun-24

Project Name 4751 N. SANTA MONICA BLVD.
Project # 3062

Invoice # E44097

Lab Code 5044097A
Sample ID MW-1
Sample Matrix Water
Sample Date 6/12/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	6.9 "J"	ug/l	3.4	11	10	GRO95/8021	6/19/2024	ZJW	1	
Ethylbenzene	75	ug/l	4.5	14	10	GRO95/8021	6/19/2024	ZJW	1	
Methyl tert-butyl ether (MTBE)	< 4.6	ug/l	4.6	15	10	GRO95/8021	6/19/2024	ZJW	1	
Naphthalene	110	ug/l	2.1	6.6	10	GRO95/8021	6/19/2024	ZJW	1	
Toluene	< 2.6	ug/l	2.6	8.2	10	GRO95/8021	6/19/2024	ZJW	1	
1,2,4-Trimethylbenzene	910	ug/l	6.2	20	10	GRO95/8021	6/19/2024	ZJW	1	
1,3,5-Trimethylbenzene	340	ug/l	4.4	14	10	GRO95/8021	6/19/2024	ZJW	1	
m&p-Xylene	1850	ug/l	8.3	27	10	GRO95/8021	6/19/2024	ZJW	1	
o-Xylene	590	ug/l	9.3	30	10	GRO95/8021	6/19/2024	ZJW	1	

Lab Code 5044097B
Sample ID MW-2
Sample Matrix Water
Sample Date 6/12/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.34	ug/l	0.34	1.1	1	GRO95/8021	6/14/2024	ZJW	1	
Ethylbenzene	< 0.45	ug/l	0.45	1.4	1	GRO95/8021	6/14/2024	ZJW	1	
Methyl tert-butyl ether (MTBE)	< 0.46	ug/l	0.46	1.5	1	GRO95/8021	6/14/2024	ZJW	1	
Naphthalene	< 0.21	ug/l	0.21	0.66	1	GRO95/8021	6/14/2024	ZJW	1	
Toluene	< 0.26	ug/l	0.26	0.82	1	GRO95/8021	6/14/2024	ZJW	1	
1,2,4-Trimethylbenzene	< 0.62	ug/l	0.62	2	1	GRO95/8021	6/14/2024	ZJW	1	
1,3,5-Trimethylbenzene	< 0.44	ug/l	0.44	1.4	1	GRO95/8021	6/14/2024	ZJW	1	
m&p-Xylene	< 0.83	ug/l	0.83	2.7	1	GRO95/8021	6/14/2024	ZJW	1	
o-Xylene	< 0.93	ug/l	0.93	3	1	GRO95/8021	6/14/2024	ZJW	1	

Project Name 4751 N. SANTA MONICA BLVD.
Project # 3062

Invoice # E44097

Lab Code 5044097C
Sample ID MW-3
Sample Matrix Water
Sample Date 6/12/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.34	ug/l	0.34	1.1	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
Ethylbenzene	< 0.45	ug/l	0.45	1.4	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.46	ug/l	0.46	1.5	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
Naphthalene	< 0.21	ug/l	0.21	0.66	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
Toluene	< 0.26	ug/l	0.26	0.82	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
1,2,4-Trimethylbenzene	< 0.62	ug/l	0.62	2	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
1,3,5-Trimethylbenzene	< 0.44	ug/l	0.44	1.4	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
m&p-Xylene	< 0.83	ug/l	0.83	2.7	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
o-Xylene	< 0.93	ug/l	0.93	3	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1

Lab Code 5044097D
Sample ID MW-4
Sample Matrix Water
Sample Date 6/12/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.34	ug/l	0.34	1.1	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
Ethylbenzene	< 0.45	ug/l	0.45	1.4	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.46	ug/l	0.46	1.5	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
Naphthalene	< 0.21	ug/l	0.21	0.66	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
Toluene	< 0.26	ug/l	0.26	0.82	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
1,2,4-Trimethylbenzene	< 0.62	ug/l	0.62	2	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
1,3,5-Trimethylbenzene	< 0.44	ug/l	0.44	1.4	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
m&p-Xylene	< 0.83	ug/l	0.83	2.7	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1
o-Xylene	< 0.93	ug/l	0.93	3	1	GRO95/8021	6/14/2024	6/14/2024	ZJW	1

Lab Code 5044097E
Sample ID MW-5
Sample Matrix Water
Sample Date 6/12/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.34	ug/l	0.34	1.1	1	GRO95/8021	6/15/2024	6/15/2024	ZJW	1
Ethylbenzene	< 0.45	ug/l	0.45	1.4	1	GRO95/8021	6/15/2024	6/15/2024	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.46	ug/l	0.46	1.5	1	GRO95/8021	6/15/2024	6/15/2024	ZJW	1
Naphthalene	< 0.21	ug/l	0.21	0.66	1	GRO95/8021	6/15/2024	6/15/2024	ZJW	1
Toluene	< 0.26	ug/l	0.26	0.82	1	GRO95/8021	6/15/2024	6/15/2024	ZJW	1
1,2,4-Trimethylbenzene	< 0.62	ug/l	0.62	2	1	GRO95/8021	6/15/2024	6/15/2024	ZJW	1
1,3,5-Trimethylbenzene	< 0.44	ug/l	0.44	1.4	1	GRO95/8021	6/15/2024	6/15/2024	ZJW	1
m&p-Xylene	< 0.83	ug/l	0.83	2.7	1	GRO95/8021	6/15/2024	6/15/2024	ZJW	1
o-Xylene	< 0.93	ug/l	0.93	3	1	GRO95/8021	6/15/2024	6/15/2024	ZJW	1

Project Name 4751 N. SANTA MONICA BLVD.
 Project # 3062

Invoice # E44097

Lab Code 5044097F
 Sample ID TANK SUMP WELL
 Sample Matrix Water
 Sample Date 6/12/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.34	ug/l	0.34	1.1	1	GRO95/8021	6/15/2024	ZJW		1
Ethylbenzene	< 0.45	ug/l	0.45	1.4	1	GRO95/8021	6/15/2024	ZJW		1
Methyl tert-butyl ether (MTBE)	< 0.46	ug/l	0.46	1.5	1	GRO95/8021	6/15/2024	ZJW		1
Naphthalene	< 0.21	ug/l	0.21	0.66	1	GRO95/8021	6/15/2024	ZJW		1
Toluene	< 0.26	ug/l	0.26	0.82	1	GRO95/8021	6/15/2024	ZJW		1
1,2,4-Trimethylbenzene	< 0.62	ug/l	0.62	2	1	GRO95/8021	6/15/2024	ZJW		1
1,3,5-Trimethylbenzene	< 0.44	ug/l	0.44	1.4	1	GRO95/8021	6/15/2024	ZJW		1
m&p-Xylene	< 0.83	ug/l	0.83	2.7	1	GRO95/8021	6/15/2024	ZJW		1
o-Xylene	< 0.93	ug/l	0.93	3	1	GRO95/8021	6/15/2024	ZJW		1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

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

Authorized Signature

