

# **Endpoint Solutions**

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Mr. Don Johnston  
Director of Environmental Quality  
US Venture  
425 Better Way  
Appleton, WI 54915

May 14, 2024

**Subject: Report of Results – Initial Site Investigation Activities**

US Oil Milwaukee Central Terminal – Tank 305  
9451 North 107<sup>th</sup> Street  
Milwaukee, Wisconsin  
BRRTS No. 02-41-558813, FID No. 241017700

Dear Don:

Endpoint Solutions Corp. (Endpoint) is pleased to provide the US Venture with this Report of Results summarizing the Initial Site Investigation activities performed at the above referenced property (the “Site” or “subject property”), as depicted on the attached **Figure B.1.a – Location Map** and **Figure B.1.b.1 – Site Layout**.

## **BACKGROUND**

On December 13, 2010, a release occurred as a result of a broken pressure relief line which was connected to a bulk petroleum storage tank (Tank 305). As a result, approximately 2,000-gallons of gasoline released into the Tank 305 containment dike. In response to the release, a vacuum truck mobilized to the spill area to remove as much free product as possible. At the time of the release, the Wisconsin Department of Natural Resources (WDNR) opened a Spills case and assigned the case Bureau for Remediation and Redevelopment Tracking System (BRRTS) No. 04-41-558815.

Endpoint was retained by US Venture to evaluate the subsurface conditions on the subject property. In February 2021, Endpoint advanced a total of four (4) soil borings (GP-1 through GP-4) to the east, north, west and south of Tank 305, respectively. Based on the results of the initial investigation activities, petroleum volatile organic compounds and naphthalene (PVOC+N) constituents were detected in the shallow Site soils related to the historic release of gasoline into the Tank 305 containment dike. Specifically, numerous PVOC+N constituents were detected at concentrations that exceeded their WDNR soil-to-groundwater pathway residual contaminant levels (RCLs). However, based on the results of the assessment activities, it appeared the extent of impacts was limited to the area east of Tank 305. Based on the limited extent of contamination identified, as well as the utilization of the subject property as a bulk petroleum storage facility, it was concluded that no further assessment was warranted. Therefore, the results of the initial assessment activities were submitted to WDNR in the form of a No Action Required (NAR) submittal on February 23, 2022 for review and approval.

On August 8, 2022, the WDNR responded indicating that the NAR request was not approved for the following reasons:

- *“On Figure 3, Soil Boring Locations, borings GP-1, GP-3 and GP-4 were sampled outside of the estimated impacted area. Only one boring GP-2 was located inside the impacted area to assess the impacts.*
- *At boring GP-1, contamination was identified above Wis. Admin. Code ch. NR 720 residual contaminant levels (RCLs). An NAR cannot be granted if there is a continuing obligation (CO) placed on the site for soil contamination above RCLs.*
- *Failure to show or discuss if groundwater on-site has been affected by the spill. Boring logs indicate that the groundwater may be shallow.*
- *No confirmation samples were collected when some of the free product was recovered. It is stated in the above referenced report “In response to the release, a vacuum truck mobilized to the spill area to remove as much free product as possible”.*
- *Land use or other considerations that would be used as continuing obligations for case closure cannot be included in NAR determinations.”*

The WDNR subsequently concluded that additional site investigation activities would be required to evaluate the identified contamination. Therefore, Endpoint prepared a Site Investigation Work Plan to further assess the extent of contamination. The Site Investigation Work Plan included the following scope-of-work:

- Advance seven (7) soil borings surrounding Tank 305;
- Collect two (2) soil samples from each boring location for laboratory analysis of PVOC+N constituents;
- Convert three (3) of the borings to Wisconsin Administrative Code (WAC) Chapter NR 141 compliant groundwater monitoring wells;
- Properly develop each well and survey the top of casing elevation of each well relative to the North American Vertical Datum 1988 (NAVD 88);
- Perform two (2) rounds of groundwater sampling following installation of the monitoring wells;
- Facilitate the retrieval, transportation and disposal of the investigative derived wastes; and,
- Prepare a formal Report of Results summarizing the initial site investigation activities and the results and provide recommendations.

The Site Investigation Work Plan was submitted to the WDNR and a response was provided on May 5, 2023. The response included two (2) comments and recommendations, including the following:

- *Soil sampling – the SIWP states that “the samples submitted to the laboratory will be chosen based on visual staining and/or obvious odors. Additionally, the DNR recommends that soil samples should be collected to delineate the contamination vertically”.*
- *Boring locations – the DNR recommends shifting a sample location south of GP-1 to further define this area.*

Therefore, the following scope-of-work was completed to further assess the previously identified impacts at the Site, which included the two (2) recommendations provided by WDNR.

## **PROPOSED SCOPE-OF-WORK**

### **SOIL AND GROUNDWATER ASSESSMENT**

To complete the Initial Site Investigation activities, seven (7) soil borings (GP-5 through GP-11) were advanced surrounding Tank 305. Specifically, the soil borings were advanced to the south-southeast (GP-5), southeast (GP-6), east-southeast (GP-7), east-northeast (GP-8), northeast (GP-9), northwest (GP-10), and southwest (GP-11) of Tank 305. The boring locations are depicted on the attached **Figure B.1.b.2**.

The soil borings were advanced with a direct-push (GeoProbe) drill rig. At each boring location, soil samples were collected continuously from the ground surface to the termination depth of the borings between approximately ten (10) to 15-feet below ground surface (bgs). Each sample was described with respect to soil type, color, texture, grain size and moisture content. Two (2) soil samples were collected from each boring location for laboratory analysis of PVOC+N constituents in an effort to further assess the horizontal and vertical extent of contamination.

Following the completion of the soil borings, three (3) of the aforementioned boring locations were overdrilled with hollow-stem augers and converted to WAC Chapter NR 141 compliant two (2)-inch diameter groundwater monitoring wells (MW-1/GP-7, MW-2/GP-11 and MW-3/GP-10). The remaining boreholes were abandoned properly with bentonite to the termination depth of the borings to ensure the competency of the clay capped containment berm. Monitoring well construction and development forms are included in **Appendix A**.

On October 6, 2023, Endpoint personnel developed groundwater monitoring wells MW-1 through MW-3 with disposable bailers in general accordance with WAC NR 141, which consisted of surging and purging each well until sediment free water was obtained to facilitate the collection of groundwater samples. The top of casing elevation at each well was also surveyed relative to NAVD 88 to allow for depth to groundwater measurements to be collected to determine elevations to establish groundwater flow direction. Groundwater samples collected from each monitoring well were submitted for laboratory analysis of PVOC+N constituents.

## RESULTS

### GEOLOGIC PROFILE

In general, Site soils within the Tank 305 containment dike consist of tan and brown silty clays. Some brown and gray poorly graded sand was encountered at select boring locations (GP-7, GP-9, GP-10, GP-11) at various depths, but primarily ranging between approximately seven (7) to 15-foot bgs. For reference, soil boring logs with sample descriptions including soil type, color, texture, grain size and moisture content are included in **Appendix B**.

### HYDROGEOLOGY

The top of each monitoring well was surveyed relative to NAVD 88 to allow water elevations to be calculated using the depth to water measurements. Static groundwater was measured between approximately 2.54-foot bgs and 4.69-foot bgs in March 2024. The calculated groundwater elevations ranged from 727.66-foot at MW-1 to 730.14-foot at MW-3. A summary of the depth to water measurements and water table elevations is presented on **Table A.6**.

Using the water table elevations, a depiction of the top of the groundwater table was prepared. The shallow groundwater flow direction is to the east across the Tank 305 containment dike. The groundwater flow direction based on the March 2024 depth to water measurements is shown on **Figure B.3.c**.

### LABORATORY ANALYTICAL RESULTS

Following receipt of the laboratory analytical results, Endpoint compared the soil results to current State of Wisconsin RCLs, as summarized below.

#### Soil PVOC+N

- **GP-5:** Multiple PVOC+N constituents were detected in the soil sample collected from the two (2) to four (4)-foot bgs interval. Benzene was detected at a concentration that exceeded its respective non-industrial direct contact RCL, while ethylbenzene, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and m&p-xylene were detected at concentrations that exceeded their respective soil-to-groundwater pathway RCLs. None of the other PVOC+N constituents detected in the two (2) to four (4)-foot bgs interval were reported at concentrations that exceeded their applicable WDNR RCLs.

Benzene, ethylbenzene and 1,2,4-trimethylbenzene were detected at concentrations that exceeded their respective soil-to-groundwater pathway RCL in the soil sample collected from the four (4) to six (6)-foot bgs interval. While other PVOC+N constituents were detected in this sample, none of the constituents were reported at concentrations that exceeded an RCL.

- **GP-6:** Benzene and ethylbenzene were detected at concentrations that exceeded their respective non-industrial direct contact RCL from the soil sample collected from the two (2) to four (4)-foot bgs interval. Additionally, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and m&p-xylene were detected at concentrations that exceeded their

applicable soil-to-groundwater pathway RCLs. No other PVOC+N constituents were detected at concentrations that exceeded their applicable RCLs.

No PVOC+N constituents were detected in the soil sample collected from the four (4) to six (6)-foot bgs interval above their standard laboratory detection limits.

- **GP-7:** Benzene was detected at a concentration that exceeded its respective industrial direct contact RCL, while ethylbenzene was detected at a concentration that exceeded its respective non-industrial direct contact RCL from the soil sample collected from the two (2) to four (4)-foot bgs interval. Additionally, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and m&p-xylene were detected at concentrations that exceeded their applicable soil-to-groundwater pathway RCLs. No other PVOC+N constituents were detected at concentrations that exceeded their applicable RCLs.

No PVOC+N constituents were detected in the soil sample collected from the four (4) to six (6)-foot bgs interval above their standard laboratory detection limits.

- **GP-8:** Multiple PVOC+N constituents were detected in the soil sample collected from the two (2) to four (4)-foot bgs interval. Specifically, benzene, ethylbenzene, naphthalene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and m&p-xylene were detected at concentrations that exceeded their applicable soil-to-groundwater pathway RCLs. No other PVOC+N constituents were detected at concentrations that exceeded their applicable RCLs.

No PVOC+N constituents were detected in the soil sample collected from the four (4) to six (6)-foot bgs interval above their standard laboratory detection limits.

- **GP-9 through GP-11:** No PVOC+N constituents were detected above their standard laboratory detection limits from any of the soil samples collected from GP-9, GP-10 and GP-11.

A summary of the soil analytical results is presented on the attached **Table A.2.a – Soil Analytical Results-VOCs**.

#### Groundwater PVOC+N

Groundwater samples were collected from monitoring wells MW-1 through MW-3 and analyzed for PVOC+N constituents in October 2023 and March 2024. The results were then compared to WAC Chapter NR 140 Table 1 and Table 2 PALs and ESs. A summary of the results based on the two (2) sampling events is as follows:

- **MW-1:** Multiple PVOC+N constituents were reported at concentrations above their standard laboratory detection limits from the groundwater samples collected from MW-1 during the October 2023 and March 2024 sampling events. Benzene was detected at a concentration of 6.9 micrograms per liter ( $\mu\text{g/L}$ ) in October 2023 and 63  $\mu\text{g/L}$  in March 2024, which both exceed its respective ES. No other PVOC+N constituents were detected at concentrations that exceeded their respective PALs or ESs during either sampling event.

- MW-2: No PVOC+N constituents were detected in the groundwater samples collected from MW-2 during the October 2023 or March 2024 sampling events.
- MW-3: No PVOC+N constituents were detected in the groundwater samples collected from MW-3 during the October 2023 or March 2024 sampling events.

The groundwater PVOC+N results are summarized in **Table A.1.a – Groundwater Analytical Results-PVOCs**.

Copies of the laboratory analytical report and chain-of-custody are included in **Appendix C**.

## **DISCUSSION AND CONCLUSIONS**

Based on the soil and groundwater analytical results from the investigation activities completed to date, releases to the subsurface have occurred on the subject property as a result of the historic release of gasoline into the Tank 305 containment dike. Analytical results from the soil samples collected during this investigation indicate numerous petroleum constituents at concentrations that exceed their soil-to-groundwater pathway, non-industrial direct contact and industrial direct contact RCLs. Based on our review of the analytical results, it appears that soil contamination is generally limited to areas east and southeast of Tank 305.

Based on the results from the groundwater sampling completed as part of these investigation activities, benzene was detected in the groundwater samples collected from MW-1 at concentrations that exceeded its ES during the October 2023 and March 2024 sampling events. However, no contaminants were detected above standard laboratory detection limits from any of the samples collected from MW-2 or MW-3 during either sampling event. Based on the documented direction of shallow groundwater flow to the east, the extent of the contaminant plume in groundwater is not defined to the east of the MW-1 location.

## **RECOMMENDATIONS**

Therefore, based on the results of the assessment and sampling activities completed to date, we recommend the following course of action:

- Report these results to WDNR;
- Complete additional soil and groundwater sampling to define the extent of soil and groundwater contamination to the east of Tank 305; and,
- Perform the tasks required to obtain Site Investigation Completeness and Case Closure from the WDNR.

**CLOSING**

We appreciate the opportunity to assist you with this project. If you have any questions regarding the contents of the report provided herein, do not hesitate to contact us at 414-427-1200.

Sincerely,

**Endpoint Solutions**



Travis J. Manser  
Associate Consultant



Robert A. Cigale, P.G.  
Principal Consultant

cc: Mr. Binyoti Amungwafor – WDNR

Attachments:

Figures

- Figure B.1.a – Location Map
- Figure B.1.b.1 – Site Layout
- Figure B.1.b.2 – Detailed Site Map
- Figure B.2.a – Soil Contamination
- Figure B.3.b – Groundwater Isoconcentration
- Figure B.3.c – Groundwater Flow Direction

Tables

- Table A.1.a – Groundwater Analytical Results-PVOCs
- Table A.2.a – Soil Analytical Results – VOCs
- Table A.6 – Groundwater Elevations

- Appendix A – Monitoring Well Construction and Development Forms
- Appendix B – Soil Boring Logs and Borehole Abandonment Forms
- Appendix C – Laboratory Analytical Reports and Chains-of-Custody

**FIGURES**

FIGURE B.1.A – LOCATION MAP

FIGURE B.1.B.1 – SITE LAYOUT

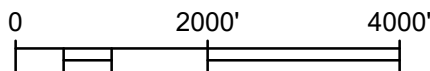
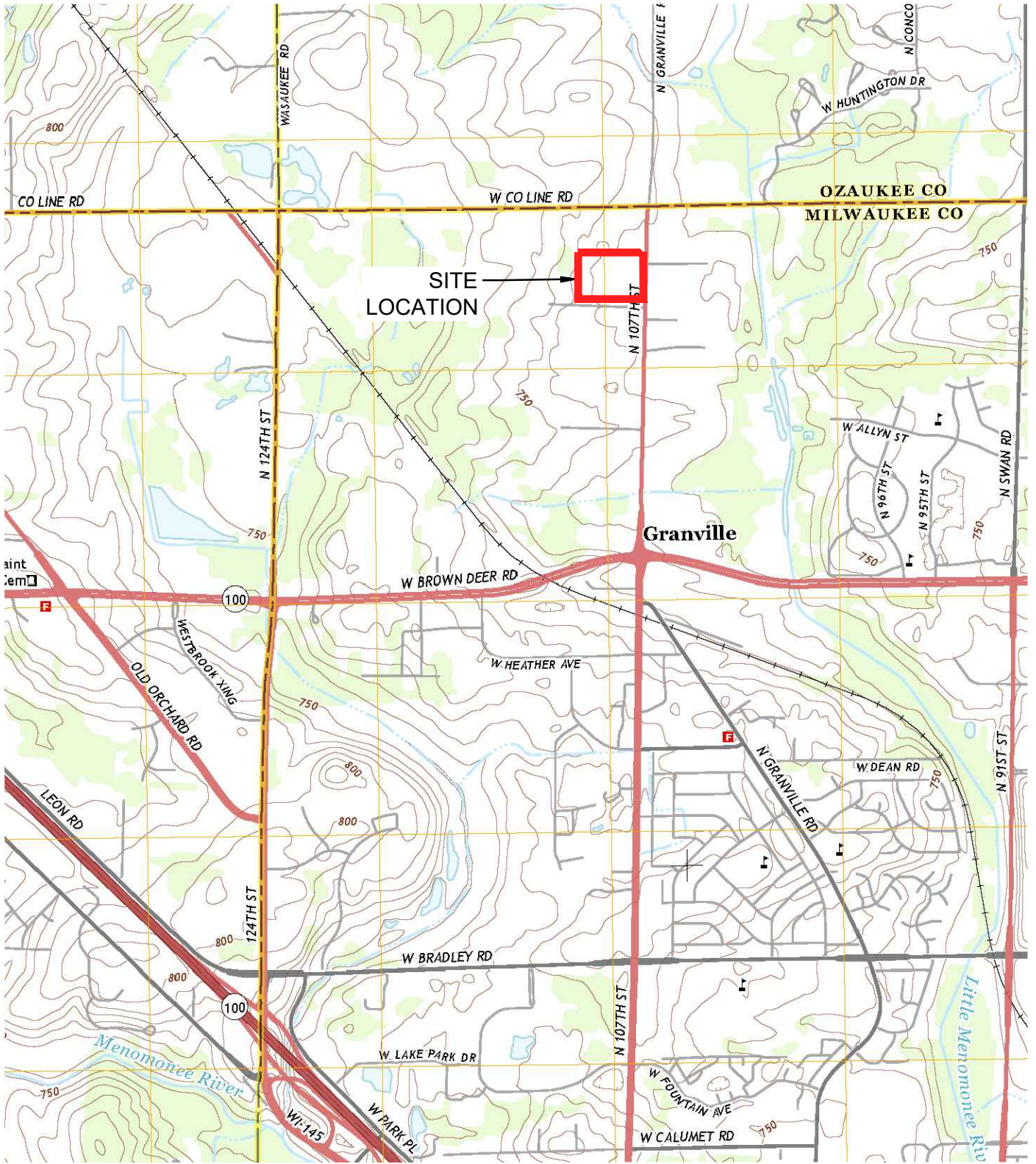
FIGURE B.1.B.2 – DETAILED SITE MAP

FIGURE B.2.A – SOIL CONTAMINATION

FIGURE B.3.B – GROUNDWATER ISOCONCENTRATION

FIGURE B.3.C – GROUNDWATER FLOW DIRECTION





## LOCATION MAP

US VENTURE - MILWAUKEE CENTRAL TERMINAL  
 9471 N. 107TH STREET  
 MILWAUKEE, WISCONSIN 53224

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B.1.a

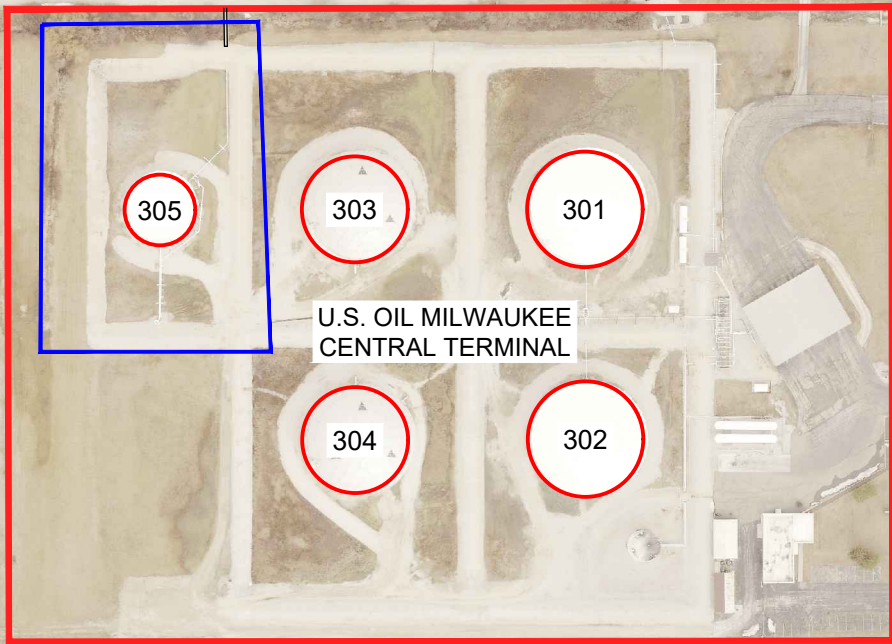
W COUNTY LINE RD

N 107TH ST

U.S. OIL MILWAUKEE  
NORTH TERMINAL

W. DONGES CT.

N 107TH ST



305

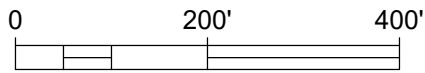
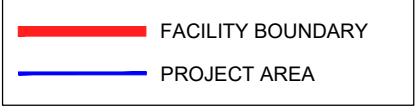
303

301

U.S. OIL MILWAUKEE  
CENTRAL TERMINAL

304

302



# SITE LAYOUT

US VENTURE - MILWAUKEE CENTRAL TERMINAL  
9471 N. 107TH STREET  
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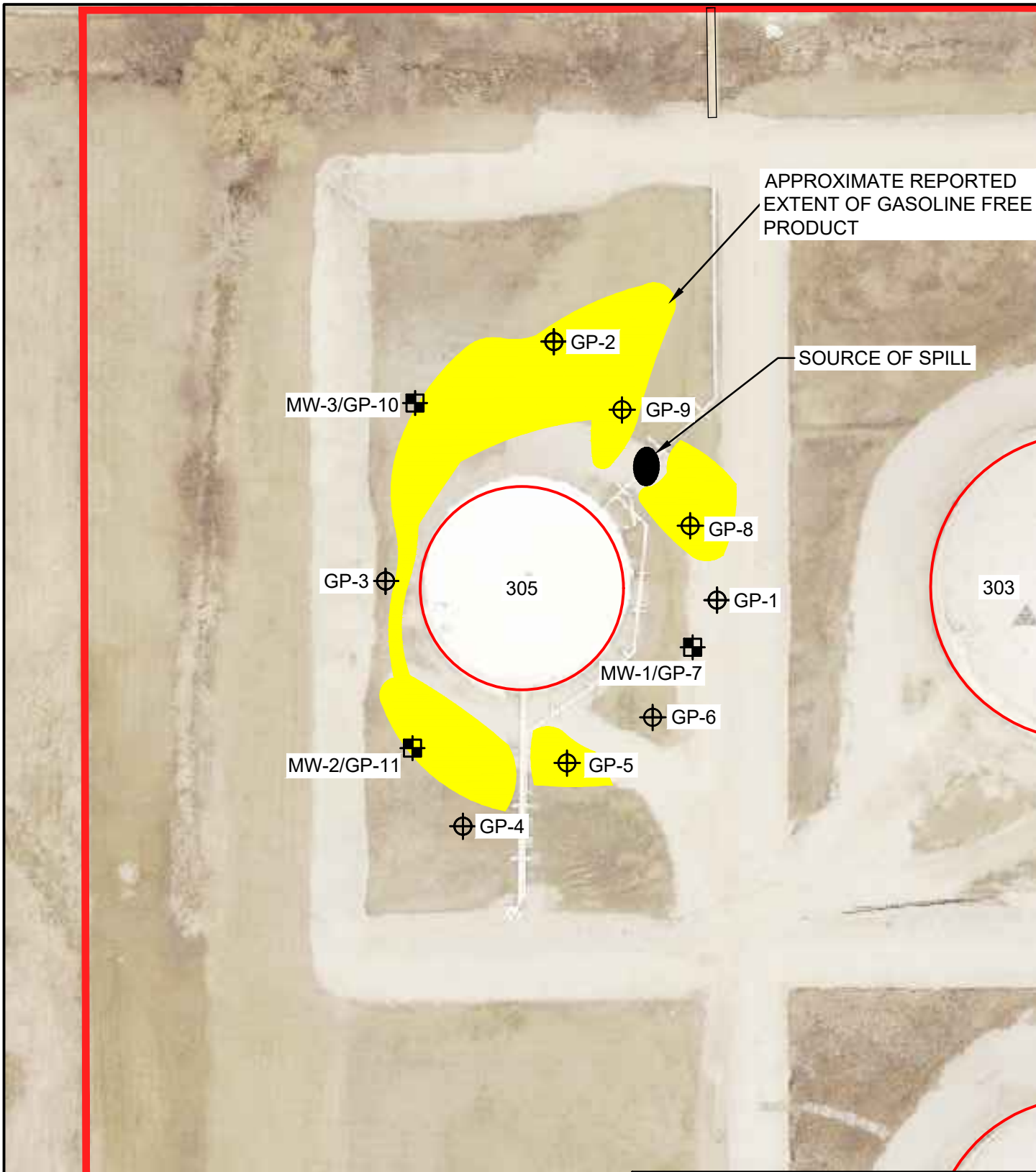
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B.1.b.1

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SOURCE: MCLIO

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APPROXIMATE REPORTED EXTENT OF GASOLINE FREE PRODUCT

SOURCE OF SPILL

MW-3/GP-10

GP-2

GP-9

GP-8

GP-3

305

GP-1

303




MW-1/GP-7

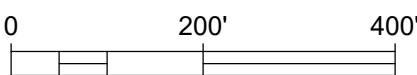
GP-6

MW-2/GP-11

GP-5

GP-4

	FACILITY BOUNDARY
	SOIL BORING LOCATION
	MONITORING WELL LOCATION



### DETAILED SITE MAP

US VENTURE - MILWAUKEE CENTRAL TERMINAL  
 9471 N. 107TH STREET  
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SOURCE: MCLIO

B - Benzene
E - Ethylbenzene
N - Naphthalene
1,2,4-TMB (Trimethylbenzene)
1,3,5-TMB (Trimethylbenzene)
m&p-x (xylene)
ND - No Contaminant Detection

GP-2	
0 - 2' (U)	2 - 4' (S)
ND	ND

GP-9	
0 - 2' (U)	2 - 4' (S)
ND	ND

SOURCE OF SPILL

GP-8		
	0 - 2' (U)	4 - 6' (S)
B	0.239	<0.025
E	2.18	<0.025
N	1.07	<0.025
1,2,4-TMB	4.7	<0.025
1,3,5-TMB	1.31	<0.025
m&p-X	2.87	<0.05

GP-1		
	0 - 2' (U)	4 - 6' (S)
B	0.076	<0.015
E	2.38	0.037 "J"
N	2.08	<0.12
1,3,5-TMB	2.9	0.0234 "J"

GP-7 / MW-1		
	0 - 2' (U)	4 - 6' (S)
B	7.3	<0.025
E	14.0	<0.025
N	4.4	<0.025
1,2,4-TMB	36.0	<0.025
1,3,5-TMB	10.8	<0.025
m&p-X	53.0	<0.05

GP-6		
	0 - 2' (U)	4 - 6' (S)
B	4.2	<0.025
E	9.1	<0.025
N	3.9	<0.025
1,2,4-TMB	25.2	<0.025
1,3,5-TMB	7.0	<0.025
m&p-X	16.4	<0.05

GP-5		
	0 - 2' (U)	4 - 6' (S)
B	3.9	0.073
E	6.8	0.48
N	2.2	0.139
1,2,4-TMB	18.8	1.23
1,3,5-TMB	4.0	0.09
m&p-X	0.078	<0.025

GP-10 / MW-3	
0 - 2' (S)	2 - 4' (S)
ND	ND

GP-3	
0 - 2' (U)	2 - 4' (S)
ND	ND

GP-11 / MW-2	
0 - 2' (S)	2 - 4' (S)
ND	ND

GP-4	
0 - 2' (U)	2 - 4' (S)
ND	ND

MW-3/GP-10

GP-2

GP-9

GP-8

GP-1

305

303

MW-1/GP-7

GP-6

GP-5

MW-2/GP-11

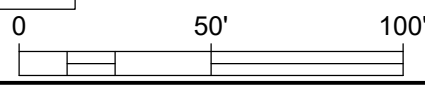
GP-4

**FACILITY BOUNDARY**

**SOIL BORING LOCATION**

**MONITORING WELL LOCATION**

**APPROXIMATE EXTENT OF SOIL CONTAMINATION (DASHED WHERE INFERRED)**



**SOIL CONTAMINATION**

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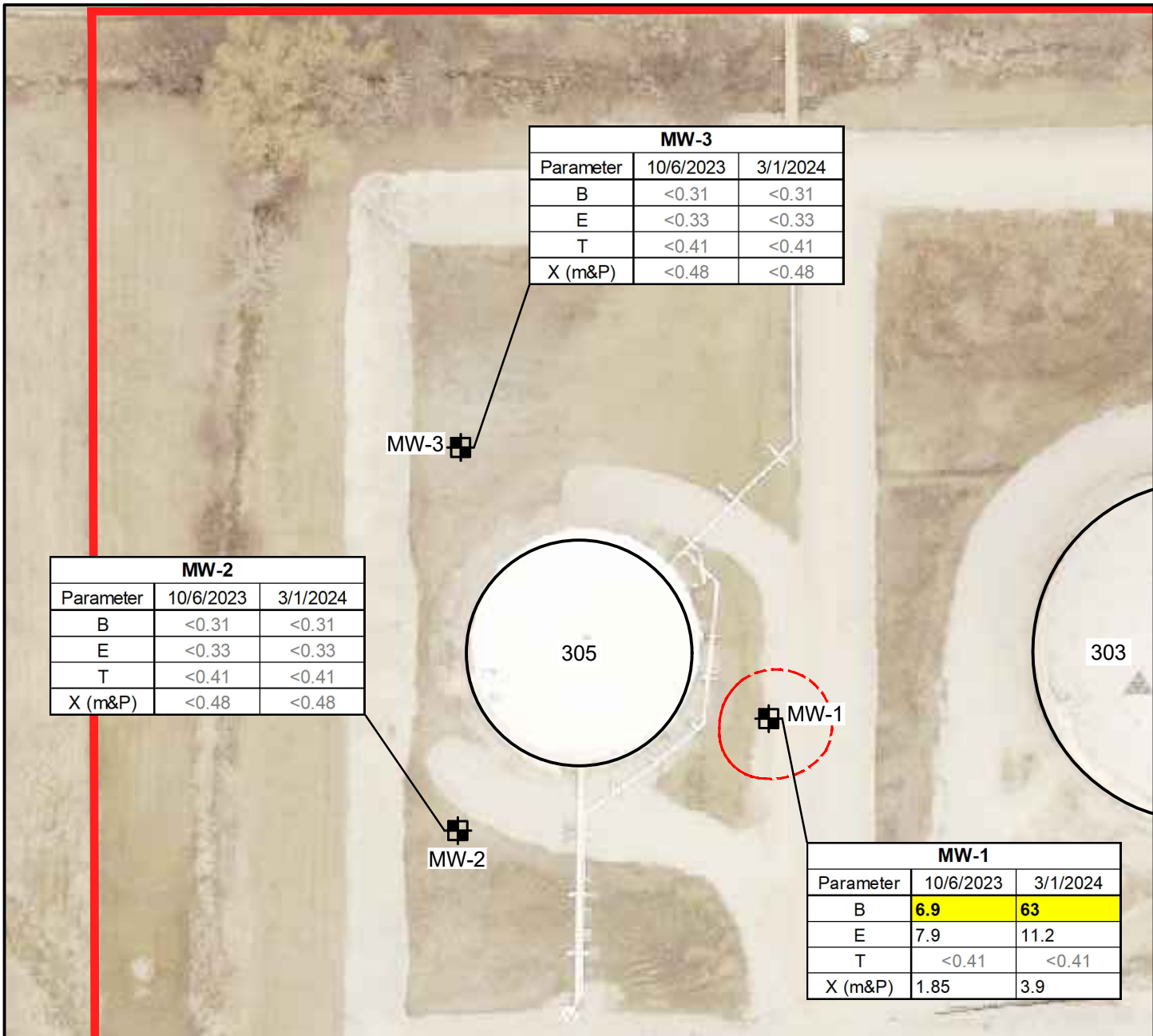
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B.2.a

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SOURCE: MCLIO

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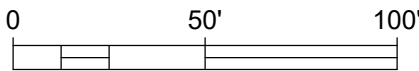
MW-3		
Parameter	10/6/2023	3/1/2024
B	<0.31	<0.31
E	<0.33	<0.33
T	<0.41	<0.41
X (m&P)	<0.48	<0.48

MW-2		
Parameter	10/6/2023	3/1/2024
B	<0.31	<0.31
E	<0.33	<0.33
T	<0.41	<0.41
X (m&P)	<0.48	<0.48

MW-1		
Parameter	10/6/2023	3/1/2024
B	<b>6.9</b>	<b>63</b>
E	7.9	11.2
T	<0.41	<0.41
X (m&P)	1.85	3.9

PVOCs - Petroleum Volatile Organic Compound		
B - Benzene		
E - Ethylbenzene		
T - Toluene		
X (m&P) - Xylenes expressed as m&P - Xylene		
ES - Enforcement Standard		
PAL - Preventive Action Limit		
Bold result indicates ES exceedance		
Italicized and underlined result indicates PAL exceedance		
All results in micrograms per liter (µg/L)		

 FACILITY BOUNDARY  
 MONITORING WELL LOCATION  
 APPROXIMATE EXTENT OF GROUNDWATER CONTAMINATION (DASHED WHERE INFERRED)



### GROUNDWATER ISOCONCENTRATION

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 9471 N. 107TH STREET  
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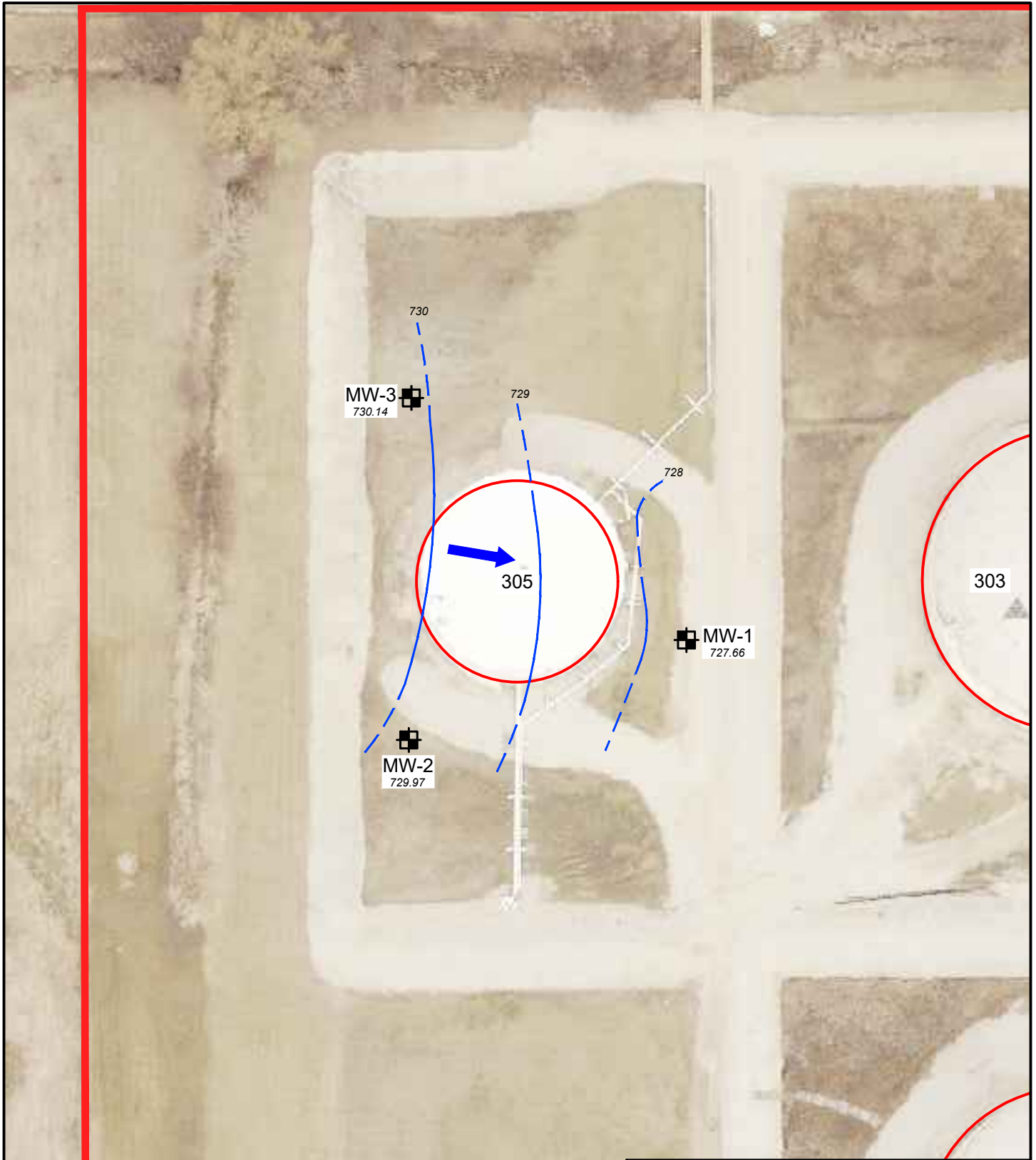
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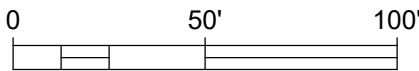
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B.3.b

SOURCE: MCLIO



	FACILITY BOUNDARY
	MONITORING WELL LOCATION
	GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
	ASSUMED GROUNDWATER FLOW DIRECTION



**GROUNDWATER FLOW DIRECTION (MARCH 2024)**

US VENTURE - MILWAUKEE CENTRAL TERMINAL  
9471 N. 107TH STREET  
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DATE: 05/07/2024

REVIEWED BY: RSJ

PROJECT NO: 014-004-029

B.3.c

**TABLES**

TABLE A.1.A – GROUNDWATER ANALYTICAL RESULTS-PVOCs

TABLE A.2.A – SOIL ANALYTICAL RESULTS – VOCs

TABLE A.6 – GROUNDWATER ELEVATIONS

**Table A.1.a  
Groundwater Analytical Results - PVOCs**

Tank 305 - US Venture  
9451 North 107th Street  
Milwaukee, Wisconsin

VOC (µg/L)	NR 140 Table 1		Sample Location					
	ES	PAL	MW-1		MW-2		MW-3	
			10/6/23	3/1/24	10/6/23	3/1/24	10/6/23	3/1/24
Benzene	5	0.5	6.9	63	<0.31	<0.31	<0.31	<0.31
Ethylbenzene	700	140	7.9	11.2	<0.33	<0.33	<0.33	<0.33
Methyl-tert-butyl-ether (MTBE)	60	12	1.12 "J"	<0.45	<0.45	<0.45	<0.45	<0.45
Naphthalene	100	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	800	160	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
1,2,4-Trimethylbenzene	480	96	1.47 "J"	8.8	<0.39	<0.39	<0.39	<0.39
1,3,5-Trimethylbenzene			1.01 "J"	<0.29	<0.29	<0.29	<0.29	<0.29
m&p-Xylene	2,000	400	1.85	3.9	<0.48	<0.48	<0.48	<0.48
o-Xylene			<0.66	<0.66	<0.66	<0.66	<0.66	<0.66

- 1) VOC - Petroleum volatile organic compound
- 2) µg/L - micrograms per liter
- 3) NR 140 Table 1 - Wisconsin Administrative Code (WAC) Public Health Groundwater Quality Standards
- 4) ES - WAC Table 1 Enforcement Standard
- 5) PAL - WAC Table 1 Preventive Action Limit
- 6) ----- - Standard not established
- 7) "J" - Analyte detected between limit of detection and limit of quantitation





**TABLE A.6**  
**Water Level Elevations**  
 2850 South 108th Street  
 West Allis, Wisconsin

Well	Top of Casing Elevation (ft)	Depth to Bottom (ft)	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)
MW-1	732.35	16.50	10/6/2023	5.02	727.33
	732.35	16.50	3/1/2024	4.69	727.66
MW-2	732.53	17.70	10/6/2023	3.30	729.23
	732.53	17.70	3/1/2024	2.56	729.97
MW-3	732.68	17.20	10/6/2023	2.98	729.70
	732.68	17.20	3/1/2024	2.54	730.14

**Notes:**  
 ft = Feet

**APPENDIX A**

MONITORING WELL CONSTRUCTION AND DEVELOPMENT FORMS

Facility/Project Name US Oil Milwaukee Central - Tank 305		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name MW-1	
Facility License, Permit or Monitoring No. BRRTS #: 02-41-558813		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. " ' " Long. " ' " or		Wis. Unique Well No. <u>WD408</u> DNR Well ID No. _____	
Facility ID <u>241017700</u>		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <u>09</u> / <u>07</u> / <u>2023</u> m m d d y y y y	
Type of Well Well Code _____ / _____		Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. <u>06</u> , T. <u>08</u> N, R. <u>21</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <u>Adam Sweet</u>	
Distance from Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Horizon Construction _____	
Enf. Stds. Apply <input type="checkbox"/>		Gov. Lot Number _____			

- A. Protective pipe, top elevation 732.55 ft. MSL
- B. Well casing, top elevation 732.35 ft. MSL
- C. Land surface elevation 729.42 ft. MSL
- D. Surface seal, bottom \_\_\_\_\_ ft. MSL or 0 ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No

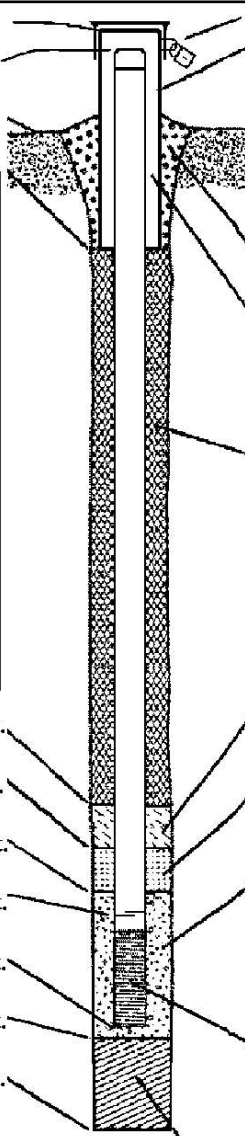
14. Drilling method used: Rotary  50  
 Hollow Stem Auger  41  
 Other

15. Drilling fluid used: Water  02 Air  01  
 Drilling Mud  03 None  99

16. Drilling additives used?  Yes  No

Describe \_\_\_\_\_

17. Source of water (attach analysis, if required):  
 \_\_\_\_\_



- 1. Cap and lock?  Yes  No
- 2. Protective cover pipe:
  - a. Inside diameter: 4 in.
  - b. Length: 5 ft.
  - c. Material: Steel  04  
Other
  - d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- 3. Surface seal: Bentonite  30  
Concrete  01  
Other
- 4. Material between well casing and protective pipe: Bentonite  30  
Other
- 5. Annular space seal:
  - a. Granular/Chipped Bentonite  33
  - b. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite-sand slurry  35
  - c. \_\_\_\_\_ Lbs/gal mud weight . . . . . Bentonite slurry  31
  - d. \_\_\_\_\_ % Bentonite . . . . . Bentonite-cement grout  50
  - e. 1.25 Ft<sup>3</sup> volume added for any of the above
  - f. How installed: Tremie  01  
Tremie pumped  02  
Gravity  08
- 6. Bentonite seal:
  - a. Bentonite granules  33
  - b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  32
  - c. \_\_\_\_\_ Other
- 7. Fine sand material: Manufacturer, product name & mesh size
  - a. Red Flint #15
  - b. Volume added 0.35 ft<sup>3</sup>
- 8. Filter pack material: Manufacturer, product name & mesh size
  - a. Red Flint #40
  - b. Volume added 4.9 ft<sup>3</sup>
- 9. Well casing: Flush threaded PVC schedule 40  23  
 Flush threaded PVC schedule 80  24  
 Other
- 10. Screen material: PVC Schedule 40
  - a. Screen type: Factory cut  11  
Continuous slot  01  
Other
  - b. Manufacturer Johnson Screens
  - c. Slot size: 0.01 in.
  - d. Slotted length: 10 ft.
- 11. Backfill material (below filter pack): None  14  
 Red Flint #40

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature \_\_\_\_\_ Firm  
Endpoint Solutions Corporation

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name US Oil Milwaukee Central - Tank 305		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name MW-2	
Facility License, Permit or Monitoring No. BRRTS #: 02-41-558813		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. " ' " Long. " ' " or		Wis. Unique Well No. <u>VS188</u> DNR Well ID No. _____	
Facility ID <u>241017700</u>		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <u>09</u> / <u>07</u> / <u>2023</u> m m d d y y y y	
Type of Well Well Code _____ / _____		Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. <u>06</u> , T. <u>08</u> N, R. <u>21</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <u>Adam Sweet</u>	
Distance from Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Horizon Construction _____	
Enf. Stds. Apply <input type="checkbox"/>		Gov. Lot Number _____			

- A. Protective pipe, top elevation 732.75 ft. MSL
- B. Well casing, top elevation 732.53 ft. MSL
- C. Land surface elevation 729.43 ft. MSL
- D. Surface seal, bottom \_\_\_\_\_ ft. MSL or 0 ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No

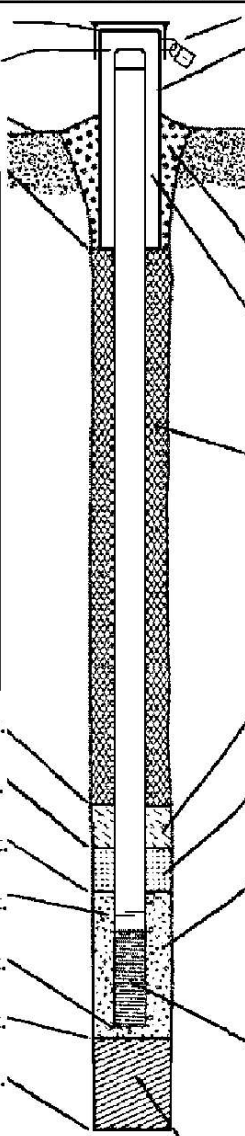
14. Drilling method used: Rotary  5 0  
 Hollow Stem Auger  4 1  
 Other

15. Drilling fluid used: Water  0 2 Air  0 1  
 Drilling Mud  0 3 None  9 9

16. Drilling additives used?  Yes  No

Describe \_\_\_\_\_

17. Source of water (attach analysis, if required):  
 \_\_\_\_\_



- 1. Cap and lock?  Yes  No
- 2. Protective cover pipe:
  - a. Inside diameter: 4 in.
  - b. Length: 5 ft.
  - c. Material: Steel  0 4  
Other
  - d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- 3. Surface seal: Bentonite  3 0  
Concrete  0 1  
Other
- 4. Material between well casing and protective pipe: Bentonite  3 0  
Other
- 5. Annular space seal:
  - a. Granular/Chipped Bentonite  3 3
  - b. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite-sand slurry  3 5
  - c. \_\_\_\_\_ Lbs/gal mud weight . . . . . Bentonite slurry  3 1
  - d. \_\_\_\_\_ % Bentonite . . . . . Bentonite-cement grout  5 0
  - e. 1.0 Ft<sup>3</sup> volume added for any of the above
  - f. How installed: Tremie  0 1  
Tremie pumped  0 2  
Gravity  0 8
- 6. Bentonite seal:
  - a. Bentonite granules  3 3
  - b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  3 2
  - c. \_\_\_\_\_ Other
- 7. Fine sand material: Manufacturer, product name & mesh size  
 a. Red Flint #15  
 b. Volume added 0.35 ft<sup>3</sup>
- 8. Filter pack material: Manufacturer, product name & mesh size  
 a. Red Flint #40  
 b. Volume added 4.9 ft<sup>3</sup>
- 9. Well casing: Flush threaded PVC schedule 40  2 3  
 Flush threaded PVC schedule 80  2 4  
 Other
- 10. Screen material: PVC Schedule 40  
 a. Screen type: Factory cut  1 1  
 Continuous slot  0 1  
 Other
- b. Manufacturer Johnson Screens
- c. Slot size: 0.01 in.
- d. Slotted length: 10 ft.
- 11. Backfill material (below filter pack): None  1 4  
 Red Flint #40

- E. Bentonite seal, top \_\_\_\_\_ ft. MSL or 0 ft.
- F. Fine sand, top \_\_\_\_\_ ft. MSL or 2.5 ft.
- G. Filter pack, top \_\_\_\_\_ ft. MSL or 3.0 ft.
- H. Screen joint, top \_\_\_\_\_ ft. MSL or 5.0 ft.
- I. Well bottom \_\_\_\_\_ ft. MSL or 15.0 ft.
- J. Filter pack, bottom \_\_\_\_\_ ft. MSL or 15.0 ft.
- K. Borehole, bottom \_\_\_\_\_ ft. MSL or 15.0 ft.
- L. Borehole, diameter 8.25 in.
- M. O.D. well casing 2.06 in.
- N. I.D. well casing 2.00 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature \_\_\_\_\_ Firm  
Endpoint Solutions Corporation

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name US Oil Milwaukee Central - Tank 305		Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name MW-3	
Facility License, Permit or Monitoring No. BRRTS #: 02-41-558813		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/> Lat. " ' " Long. " ' " or		Wis. Unique Well No. <u>VS189</u> DNR Well ID No. _____	
Facility ID <u>241017700</u>		St. Plane _____ ft. N. _____ ft. E. S/C/N		Date Well Installed <u>09</u> / <u>07</u> / <u>2023</u> m m d d y y y y	
Type of Well Well Code _____ / _____		Section Location of Waste/Source NE 1/4 of NE 1/4 of Sec. <u>06</u> , T. <u>08</u> N, R. <u>21</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W		Well Installed By: Name (first, last) and Firm <u>Adam Sweet</u>	
Distance from Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Horizon Construction _____	
Enf. Stds. Apply <input type="checkbox"/>		Gov. Lot Number _____			

- A. Protective pipe, top elevation 732.87 ft. MSL
- B. Well casing, top elevation 732.68 ft. MSL
- C. Land surface elevation 729.49 ft. MSL
- D. Surface seal, bottom \_\_\_\_\_ ft. MSL or 0 ft.

12. USCS classification of soil near screen:  
 GP  GM  GC  GW  SW  SP   
 SM  SC  ML  MH  CL  CH   
 Bedrock

13. Sieve analysis performed?  Yes  No

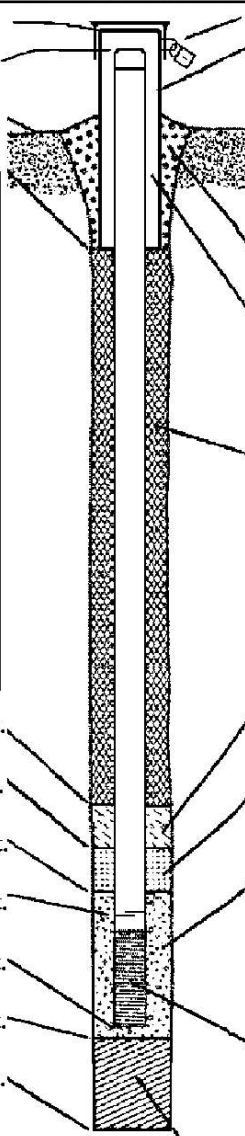
14. Drilling method used: Rotary  5 0  
 Hollow Stem Auger  4 1  
 Other

15. Drilling fluid used: Water  0 2 Air  0 1  
 Drilling Mud  0 3 None  9 9

16. Drilling additives used?  Yes  No

Describe \_\_\_\_\_

17. Source of water (attach analysis, if required):  
 \_\_\_\_\_



- 1. Cap and lock?  Yes  No
- 2. Protective cover pipe:
  - a. Inside diameter: 4 in.
  - b. Length: 5 ft.
  - c. Material: Steel  0 4  
Other
  - d. Additional protection?  Yes  No  
If yes, describe: \_\_\_\_\_
- 3. Surface seal: Bentonite  3 0  
Concrete  0 1  
Other
- 4. Material between well casing and protective pipe: Bentonite  3 0  
Other
- 5. Annular space seal:
  - a. Granular/Chipped Bentonite  3 3
  - b. \_\_\_\_\_ Lbs/gal mud weight . . . Bentonite-sand slurry  3 5
  - c. \_\_\_\_\_ Lbs/gal mud weight . . . . . Bentonite slurry  3 1
  - d. \_\_\_\_\_ % Bentonite . . . . . Bentonite-cement grout  5 0
  - e. 1.0 Ft<sup>3</sup> volume added for any of the above
  - f. How installed: Tremie  0 1  
Tremie pumped  0 2  
Gravity  0 8
- 6. Bentonite seal:
  - a. Bentonite granules  3 3
  - b.  1/4 in.  3/8 in.  1/2 in. Bentonite chips  3 2
  - c. \_\_\_\_\_ Other
- 7. Fine sand material: Manufacturer, product name & mesh size  
 a. Red Flint #15  
 b. Volume added 0.35 ft<sup>3</sup>
- 8. Filter pack material: Manufacturer, product name & mesh size  
 a. Red Flint #40  
 b. Volume added 4.9 ft<sup>3</sup>
- 9. Well casing: Flush threaded PVC schedule 40  2 3  
 Flush threaded PVC schedule 80  2 4  
 Other
- 10. Screen material: PVC Schedule 40  
 a. Screen type: Factory cut  1 1  
 Continuous slot  0 1  
 Other
- b. Manufacturer Johnson Screens
- c. Slot size: 0.01 in.
- d. Slotted length: 10 ft.
- 11. Backfill material (below filter pack): None  1 4  
 Red Flint #40

- E. Bentonite seal, top \_\_\_\_\_ ft. MSL or 0 ft.
- F. Fine sand, top \_\_\_\_\_ ft. MSL or 1.3 ft.
- G. Filter pack, top \_\_\_\_\_ ft. MSL or 1.8 ft.
- H. Screen joint, top \_\_\_\_\_ ft. MSL or 3.8 ft.
- I. Well bottom \_\_\_\_\_ ft. MSL or 13.8 ft.
- J. Filter pack, bottom \_\_\_\_\_ ft. MSL or 14.0 ft.
- K. Borehole, bottom \_\_\_\_\_ ft. MSL or 14.0 ft.
- L. Borehole, diameter 8.25 in.
- M. O.D. well casing 2.06 in.
- N. I.D. well casing 2.00 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature \_\_\_\_\_ Firm  
Endpoint Solutions Corporation

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name US Oil Milwaukee Central - Tank 305	County Name Milwaukee	Well Name MW-1
Facility License, Permit or Monitoring Number BRRTS #: 02-41-558813	County Code 41	Wis. Unique Well Number WD408
		DNR Well ID Number _____

1. Can this well be purged dry?  Yes  No

2. Well development method
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - Other \_\_\_\_\_  \_\_\_\_\_

3. Time spent developing well \_\_\_\_\_ 36 min.

4. Depth of well (from top of well casing) \_\_\_\_\_ 16.5 ft.

5. Inside diameter of well \_\_\_\_\_ 2.00 in.

6. Volume of water in filter pack and well casing \_\_\_\_\_ 103 gal.

7. Volume of water removed from well \_\_\_\_\_ 170 gal.

8. Volume of water added (if any) \_\_\_\_\_ gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

17. Additional comments on development:  
Monitoring well was purged until sediment free water was produced.

11. Depth to Water Before Development After Development

(from top of well casing) a. \_\_\_\_\_ 5.02 ft. \_\_\_\_\_ 9.60 ft.

Date b. 10 / 06 / 2023 10 / 06 / 2023  
m m d d y y y y m m d d y y y y

Time c. 9 : 06  a.m. 9 : 42  a.m.  
 p.m.  p.m.

12. Sediment in well bottom \_\_\_\_\_ 0.0 inches \_\_\_\_\_ 0.0 inches

13. Water clarity Clear  1 0 Clear  2 0  
Turbid  1 5 Turbid  2 5  
(Describe) (Describe)  
Brownish Gray Clear

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended \_\_\_\_\_ mg/l \_\_\_\_\_ mg/l  
solids

15. COD \_\_\_\_\_ mg/l \_\_\_\_\_ mg/l

16. Well developed by: Name (first, last) and Firm  
First Name: Ryan Last Name: Johnson  
Firm: Endpoint Solutions Corporation

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Don Last Name: Johnston

Facility/Firm: US Venture

Street: 425 Better Way

City/State/Zip: Appleton, WI 54915

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: \_\_\_\_\_

Print Name: Ryan Johnson

Firm: Endpoint Solutions Corporation

Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name US Oil Milwaukee Central - Tank 305	County Name Milwaukee	Well Name MW-2
Facility License, Permit or Monitoring Number BRRTS #: 02-41-558813	County Code 41	Wis. Unique Well Number VS188
		DNR Well ID Number _____

1. Can this well be purged dry?  Yes  No

2. Well development method
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - Other \_\_\_\_\_

3. Time spent developing well \_\_\_\_\_ 37 min.

4. Depth of well (from top of well casing) \_\_\_\_\_ 17.7 ft.

5. Inside diameter of well \_\_\_\_\_ 2.00 in.

6. Volume of water in filter pack and well casing \_\_\_\_\_ 129 gal.

7. Volume of water removed from well \_\_\_\_\_ 180 gal.

8. Volume of water added (if any) \_\_\_\_\_ gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

17. Additional comments on development:

Monitoring well was purged until sediment free water was produced.

11. Depth to Water Before Development After Development

(from top of well casing) a. \_\_\_\_\_ 3.30 ft. \_\_\_\_\_ 6.17 ft.

Date b. 10/06/2023 10/06/2023  
m m d d y y y y m m d d y y y y

Time c. 10:28  a.m. 11:05  a.m.  
 p.m.  p.m.

12. Sediment in well bottom \_\_\_\_\_ 0.0 inches \_\_\_\_\_ 0.0 inches

13. Water clarity Clear  1 0 Clear  2 0  
Turbid  1 5 Turbid  2 5  
(Describe) (Describe)  
Brownish Gray Clear

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended \_\_\_\_\_ mg/l \_\_\_\_\_ mg/l  
solids

15. COD \_\_\_\_\_ mg/l \_\_\_\_\_ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Ryan Last Name: Johnson

Firm: Endpoint Solutions Corporation

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Don Last Name: Johnston

Facility/Firm: US Venture

Street: 425 Better Way

City/State/Zip: Appleton, WI 54915

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: \_\_\_\_\_

Print Name: Ryan Johnson

Firm: Endpoint Solutions Corporation



Route to: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name US Oil Milwaukee Central - Tank 305	County Name Milwaukee	Well Name MW-3
Facility License, Permit or Monitoring Number BRRTS #: 02-41-558813	County Code 41	Wis. Unique Well Number VS189
		DNR Well ID Number _____

1. Can this well be purged dry?  Yes  No

2. Well development method
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - Other \_\_\_\_\_

3. Time spent developing well \_\_\_\_\_ 33 min.

4. Depth of well (from top of well casing) \_\_\_\_\_ 17.2 ft.

5. Inside diameter of well \_\_\_\_\_ 2.00 in.

6. Volume of water in filter pack and well casing \_\_\_\_\_ 127 gal.

7. Volume of water removed from well \_\_\_\_\_ 180 gal.

8. Volume of water added (if any) \_\_\_\_\_ gal.

9. Source of water added \_\_\_\_\_

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

17. Additional comments on development:  
Monitoring well was purged until sediment free water was produced.

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. _____ 2.98 ft.	_____ 5.51 ft.
Date	b. <u>10</u> / <u>06</u> / <u>2023</u>	<u>10</u> / <u>06</u> / <u>2023</u>
	m m d d y y y y	m m d d y y y y
Time	c. <u>9</u> : <u>50</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10</u> : <u>23</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ 1.0 inches	_____ 0.0 inches
13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe) Brownish Gray	Clear <input type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe) Clear
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm  
First Name: Ryan Last Name: Johnson  
Firm: Endpoint Solutions Corporation

Name and Address of Facility Contact /Owner/Responsible Party  
First Name: Don Last Name: Johnston  
Facility/Firm: US Venture  
Street: 425 Better Way  
City/State/Zip: Appleton, WI 54915

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: \_\_\_\_\_  
Print Name: Ryan Johnson  
Firm: Endpoint Solutions Corporation

NOTE: See instructions for more information including a list of county codes and well type codes.

**APPENDIX B**


SOIL BORING LOGS AND BOREHOLE ABANDONMENT FORMS

Route To: Watershed/Wastewater  Waste Management   
 Remediation/Revelpment  Other

Facility/Project Name US Oil Milwaukee Central - Tank 305		License/Permit/Monitoring Number	Boring Number GP-5
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction		Date Drilling Started 09 / 07 / 2023 m m / d d / y y y y	Date Drilling Completed 09 / 07 / 2023 m m / d d / y y y y
Drilling Method Direct Push	WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane N, E		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section 06, T 08 N, R 21		Lat 0 ' "	Long 0 ' "
Facility ID 241017700	County Milwaukee	County Code 4 1	Civil Town/City/ or Village City of Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments													
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200														
1	39/60		1	Crushed gravel and gray well graded sand																							
			2														SILTY CLAY: Gray, medium plastic, medium firm, mild odor										
			3																								
			4																								
5	...	Soft																									
2	42/60		7	SANDY SILT: Brown, low plastic, soft																							
			8																								
			9														SILTY CLAY: Gray, medium plastic, Firm										
			10														End of boring - 10'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Endpoint Solutions Corp.


This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Facility/Project Name US Oil Milwaukee Central - Tank 305			License/Permit/Monitoring Number		Boring Number GP-6		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction			Date Drilling Started 09 / 07 / 2023 m m / d d / y y y y		Date Drilling Completed 09 / 07 / 2023 m m / d d / y y y y		
WI Unique Well No.		DNR Well ID No.	Well Name		Final Static Water Level Feet MSL		
					Surface Elevation Feet MSL		
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane <u>N</u> , <u>E</u>		Lat <u>0</u> , <u>''</u>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NE 1/4 of NE 1/4 of Section <u>06</u> , T <u>08</u> N, R <u>21</u>				Long <u>0</u> , <u>''</u>			
Facility ID 241017700		County Milwaukee		County Code 4 1		Civil Town/City/ or Village City of Milwaukee	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
1	41/ 60		1	SILTY CLAY: Brown, medium plastic, medium firm												Sample 2 - 4'
			2													
			3													
			4													
			5													
2	56/ 60		6	... Soft												Sample 4 - 6'
			7													
			8													
			9													
			10													
				End of boring - 10'												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Endpoint Solutions Corp.
--	----------------------------------

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Facility/Project Name US Oil Milwaukee Central - Tank 305		License/Permit/Monitoring Number	Boring Number GP-7		
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction		Date Drilling Started 09 / 07 / 2023 m m / d d / y y y y	Date Drilling Completed 09 / 07 / 2023 m m / d d / y y y y	Drilling Method Direct Push	
WI Unique Well No.	DNR Well ID No.	Well Name MW-1	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location			
State Plane _____ N, _____ E NE 1/4 of NE 1/4 of Section 06, T 08 N, R 21		Lat 0 ' "	Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W		Feet <input type="checkbox"/> S <input type="checkbox"/> W
Facility ID 241017700	County Milwaukee	County Code 4 1	Civil Town/City/ or Village City of Milwaukee		

Sample Number and Type	Length At. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments					
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200						
1	41/ 60		1	SILTY CLAY: Brown, medium plastic, medium firm  ... Minor staining and odor															
			2																
			3																
			4																
			5																
2	56/ 60		6	SAND: Brown, fine grained, poorly graded, medium dense  ... Gray															
			7																
			8																
			9																
			10																

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
Signature \_\_\_\_\_ Firm Endpoint Solutions Corp.

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Facility/Project Name US Oil Milwaukee Central - Tank 305		License/Permit/Monitoring Number	Boring Number GP-8
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction		Date Drilling Started 09 / 07 / 2023 m m / d d / y y y y	Date Drilling Completed 09 / 07 / 2023 m m / d d / y y y y
Drilling Method Direct Push	WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E NE 1/4 of NE 1/4 of Section 06, T 08 N, R 21		Local Grid Location Lat 0 ' " Long 0 ' " <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 241017700	County Milwaukee	County Code 4 1	Civil Town/City/ or Village City of Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	39/60		1	Crushed gravel and gray well graded sand						D				Sample 2 - 4'
			2	SILTY CLAY: Light gray, medium plastic, medium firm					D					
			3	...Brown					M					
			4					M						
2	42/60		5						M				Sample 4 - 6'	
			6	... Gray, firm					M					
			7					M						
			8					M						
			9	... Very Firm				M						
			10					M						
			10	End of boring - 10'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature \_\_\_\_\_ Firm  
Endpoint Solutions Corp.


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Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Facility/Project Name US Oil Milwaukee Central - Tank 305		License/Permit/Monitoring Number	Boring Number GP-9
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction		Date Drilling Started 09 / 07 / 2023 m m / d d / y y y y	Date Drilling Completed 09 / 07 / 2023 m m / d d / y y y y
Drilling Method Direct Push	WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E NE 1/4 of NE 1/4 of Section 06, T 08 N, R 21		Local Grid Location Lat _____ ' " _____ ' " _____ ' " Long _____ ' " _____ ' " _____ ' " <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	
Facility ID 241017700	County Milwaukee	County Code 4 1	Civil Town/City/ or Village City of Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments						
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200							
1	41/60		1	SILTY CLAY: Brown, medium plastic, medium firm																
			2																	
			3																	
			4																	
2	56/60		5	... Soft																
			6																	
			7																	
			8																	
			9																	
			10																	
				End of boring - 10'																

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Endpoint Solutions Corp.
--	----------------------------------

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Page 1 of 1

Facility/Project Name US Oil Milwaukee Central - Tank 305		License/Permit/Monitoring Number	Boring Number GP-10
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction		Date Drilling Started 09 / 07 / 2023 m m / d d / y y y y	Date Drilling Completed 09 / 07 / 2023 m m / d d / y y y y
Drilling Method Direct Push	WI Unique Well No.	DNR Well ID No.	Well Name MW-3
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E NE 1/4 of NE 1/4 of Section 06, T 08 N, R 21		Local Grid Location Lat _____ " _____" Long _____ " _____" <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	
Facility ID 241017700	County Milwaukee	County Code 4 1	Civil Town/City/ or Village City of Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	45/60		1	SILTY CLAY: Brown, medium plastic, soft											
			2	... Medium firm											
			3												
			4												
			5												
2	59/60		6	... Gray, firm											
			7	SAND: Gray, fine grained, poorly graded, medium dense											
			8												
			9												
			10												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature \_\_\_\_\_ Firm  
Endpoint Solutions Corp.

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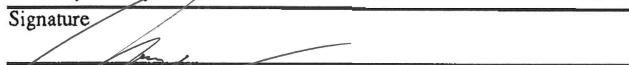


Route To: Watershed/Wastewater  Waste Management   
Remediation/Revelopment  Other

Facility/Project Name US Oil Milwaukee Central - Tank 305		License/Permit/Monitoring Number	Boring Number GP-11
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Adam Last Name: Sweet Firm: Horizon Construction		Date Drilling Started 09 / 07 / 2023 m m / d d / y y y y	Date Drilling Completed 09 / 07 / 2023 m m / d d / y y y y
Drilling Method Direct Push	WI Unique Well No.	DNR Well ID No.	Well Name MW-2
Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 2 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E NE 1/4 of NE 1/4 of Section 06, T 08 N, R 21		Local Grid Location Lat 0 ' " Long 0 ' " <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S _____ Feet <input type="checkbox"/> W	
Facility ID 241017700	County Milwaukee	County Code 4 1	Civil Town/City/ or Village City of Milwaukee

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	47/60		1	SILTY CLAY: Brown, medium plastic, medium firm										Sample 2 - 4'
			2						M					
			3						M					
			4						M					
			5						M					
2	59/60		6	SAND: Gray, fine grained, poorly graded, medium dense										Sample 4 - 6'
			7						W					
			8						W					
			9						W					
			10						W					

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature 	Firm Endpoint Solutions Corp.
--	----------------------------------

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**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

<input type="checkbox"/> <b>Verification Only of Fill and Seal</b>	<b>Route to DNR Bureau:</b>		
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____	

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well		Hicap # GP-5		Facility Name US Oil Milwaukee Central - Tank 305	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) 241017700	
1/4 / 1/4 NE 1/4 NE or Gov't Lot #		Section 06		Township 08 N		Range 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 9451 North 107th Street				Original Well Owner 9451 North 107th Street			
Well City, Village or Town Milwaukee				Present Well Owner 9451 North 107th Street			
Subdivision Name				Well ZIP Code 53224		Mailing Address of Present Owner 9451 North 107th Street	
				Lot #		City of Present Owner Milwaukee	
				State WI		ZIP Code 53224	

Reason for Removal from Service Temporary use		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material			
<b>3. Filled &amp; Sealed Well / Drillhole / Borehole Information</b>		Original Construction Date (mm/dd/yyyy) 09/07/2023		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Monitoring Well				Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Casing left in place?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Direct push</u>				Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) 10		Casing Diameter (in.) 2.0		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) 2.0		Casing Depth (ft.) N/A		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If yes, to what depth (feet)?				Depth to Water (feet)			

<b>5. Material Used to Fill Well / Drillhole</b>				Required Method of Placing Sealing Material			
				<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
				<input type="checkbox"/> Other (Explain): _____			
				Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Concrete	
				<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:			
				<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
				<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	
From (ft.) Surface		To (ft.) 10		No. Yards, Sacks Sealant or Volume (circle one) < 1 bag		Mix Ratio or Mud Weight	

6. Comments			

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Endpoint Solutions Corp.		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/07/2023	Date Received	Noted By
Street or Route 6871 South Lovers Lane Road			Telephone Number (414) 427-1200	Comments	
City Franklin		State WI	ZIP Code 53132	Signature of Person Doing Work 	Date Signed 09/08/2023

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

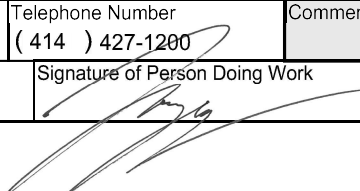
Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well		Hicap # GP-6		Facility Name US Oil Milwaukee Central - Tank 305	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) 241017700	
1/4 / 1/4 NE 1/4 NE or Gov't Lot #		Section 06		Township 08 N		Range 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 9451 North 107th Street				Original Well Owner 9451 North 107th Street			
Well City, Village or Town Milwaukee				Well ZIP Code 53224			
Subdivision Name				Lot #		City of Present Owner Milwaukee	
Reason for Removal from Service Temporary use				WI Unique Well # of Replacement Well		State WI	
ZIP Code 53224				Lot #		ZIP Code 53224	

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 09/07/2023		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Direct push</u>		If a Well Construction Report is available, please attach.		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
Total Well Depth From Ground Surface (ft.) 10		Casing Diameter (in.) 2.0		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite Chips	
Lower Drillhole Diameter (in.) 2.0		Casing Depth (ft.) N/A		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)			

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	10	< 1 bag	

**6. Comments**

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Endpoint Solutions Corp.	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/07/2023	Date Received	Noted By
Street or Route 6871 South Lovers Lane Road		Telephone Number (414 ) 427-1200	Comments	
City Franklin	State WI	ZIP Code 53132	Signature of Person Doing Work 	Date Signed 09/08/2023

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

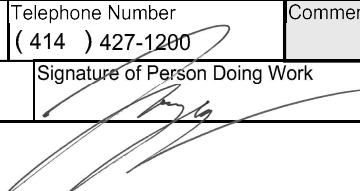
Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well		Hicap # GP-8		Facility Name US Oil Milwaukee Central - Tank 305	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) 241017700	
1/4 / 1/4 NE NE or Gov't Lot #		Section 06		Township 08 N		Range 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 9451 North 107th Street				Original Well Owner 9451 North 107th Street			
Well City, Village or Town Milwaukee				Well ZIP Code 53224			
Subdivision Name				Lot #		Present Well Owner 9451 North 107th Street	
Reason for Removal from Service Temporary use				WI Unique Well # of Replacement Well		Mailing Address of Present Owner 9451 North 107th Street	
City of Present Owner Milwaukee				State WI		ZIP Code 53224	

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) 09/07/2023		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Direct push</u>		If a Well Construction Report is available, please attach.		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
Total Well Depth From Ground Surface (ft.) 10		Casing Diameter (in.) 2.0		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite Chips	
Lower Drillhole Diameter (in.) 2.0		Casing Depth (ft.) N/A		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)			

5. Material Used to Fill Well / Drillhole			
Bentonite chips	From (ft.) Surface	To (ft.) 10	No. Yards, Sacks Sealant or Volume (circle one) < 1 bag

6. Comments	

7. Supervision of Work			DNR Use Only		
Name of Person or Firm Doing Filling & Sealing Endpoint Solutions Corp.		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/07/2023	Date Received	Noted By
Street or Route 6871 South Lovers Lane Road			Telephone Number (414 ) 427-1200	Comments	
City Franklin	State WI	ZIP Code 53132	Signature of Person Doing Work 	Date Signed 09/08/2023	

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<input type="checkbox"/> <b>Verification Only of Fill and Seal</b>	<b>Route to DNR Bureau:</b>	
	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater
	<input type="checkbox"/> Waste Management	<input checked="" type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Other: _____	

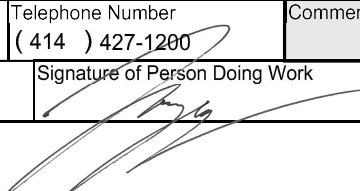
1. Well Location Information				2. Facility / Owner Information			
County Milwaukee		WI Unique Well # of Removed Well		Hicap # GP-9		Facility Name US Oil Milwaukee Central - Tank 305	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) 241017700	
1/4 / 1/4 NE 1/4 NE or Gov't Lot #		Section 06		Township 08 N		Range 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 9451 North 107th Street				Original Well Owner 9451 North 107th Street			
Well City, Village or Town Milwaukee				Present Well Owner 9451 North 107th Street			
Subdivision Name				Well ZIP Code 53224		Mailing Address of Present Owner 9451 North 107th Street	
				Lot #		City of Present Owner Milwaukee	
				State WI		ZIP Code 53224	

Reason for Removal from Service Temporary use		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) 09/07/2023		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Direct push</u>				Screen removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Casing left in place?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.) 10				Did casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2.0				Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				Did material settle after 24 hours? If yes, was hole retopped?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
If yes, to what depth (feet)?				If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Depth to Water (feet)				Required Method of Placing Sealing Material			

Required Method of Placing Sealing Material		<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
		<input type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Other (Explain): _____	
Sealing Materials					
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Concrete			
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input type="checkbox"/> Bentonite Chips			
For Monitoring Wells and Monitoring Well Boreholes Only:					
<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout			
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	10	< 1 bag	

6. Comments	

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing Endpoint Solutions Corp.		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/07/2023	Date Received	Noted By
Street or Route 6871 South Lovers Lane Road			Telephone Number (414) 427-1200	Comments	
City Franklin	State WI	ZIP Code 53132	Signature of Person Doing Work 	Date Signed 09/08/2023	



**APPENDIX C**

LABORATORY ANALYTICAL REPORTS AND CHAINS-OF-CUSTODY

# Synergy Environmental Lab, LLC.

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

TRAVIS MANSER  
ENDPOINT SOLUTIONS  
6871 SOUTH LOVER'S LANE  
FRANKLIN, WI 53132

Report Date 22-Sep-23

Project Name US OIL-TANK 305  
Project #

Invoice # E42915

Lab Code 5042915A  
Sample ID GP-5 (2-4)  
Sample Matrix Soil  
Sample Date 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.7	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	3.9	mg/kg	0.0055	0.021	1	GRO95/8021		9/13/2023	ZJW	1
Ethylbenzene	6.8	mg/kg	0.011	0.042	1	GRO95/8021		9/13/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/13/2023	ZJW	1
Naphthalene	2.2	mg/kg	0.012	0.046	1	GRO95/8021		9/13/2023	ZJW	1
Toluene	0.059	mg/kg	0.011	0.044	1	GRO95/8021		9/13/2023	ZJW	1
1,2,4-Trimethylbenzene	18.8	mg/kg	0.016	0.06	1	GRO95/8021		9/13/2023	ZJW	1
1,3,5-Trimethylbenzene	4.0	mg/kg	0.016	0.063	1	GRO95/8021		9/13/2023	ZJW	1
m&p-Xylene	8.1	mg/kg	0.027	0.1	1	GRO95/8021		9/13/2023	ZJW	1
o-Xylene	0.078	mg/kg	0.011	0.041	1	GRO95/8021		9/13/2023	ZJW	1

**Project Name** US OIL-TANK 305  
**Project #**

**Invoice #** E42915

**Lab Code** 5042915B  
**Sample ID** GP-5 (4-6)  
**Sample Matrix** Soil  
**Sample Date** 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.2	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	0.73	mg/kg	0.0055	0.021	1	GRO95/8021		9/12/2023	ZJW	1
Ethylbenzene	0.48	mg/kg	0.011	0.042	1	GRO95/8021		9/12/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/12/2023	ZJW	1
Naphthalene	0.139	mg/kg	0.012	0.046	1	GRO95/8021		9/12/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/12/2023	ZJW	1
1,2,4-Trimethylbenzene	1.23	mg/kg	0.016	0.06	1	GRO95/8021		9/12/2023	ZJW	1
1,3,5-Trimethylbenzene	0.09	mg/kg	0.016	0.063	1	GRO95/8021		9/12/2023	ZJW	1
m&p-Xylene	0.188	mg/kg	0.027	0.1	1	GRO95/8021		9/12/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/12/2023	ZJW	1

**Lab Code** 5042915C  
**Sample ID** GP-6 (2-4)  
**Sample Matrix** Soil  
**Sample Date** 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.8	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	4.2	mg/kg	0.011	0.042	2	GRO95/8021		9/15/2023	ZJW	1
Ethylbenzene	9.1	mg/kg	0.022	0.084	2	GRO95/8021		9/15/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.028	0.108	2	GRO95/8021		9/15/2023	ZJW	1
Naphthalene	3.9	mg/kg	0.024	0.092	2	GRO95/8021		9/15/2023	ZJW	1
Toluene	0.082 "J"	mg/kg	0.022	0.088	2	GRO95/8021		9/15/2023	ZJW	1
1,2,4-Trimethylbenzene	25.2	mg/kg	0.032	0.12	2	GRO95/8021		9/15/2023	ZJW	1
1,3,5-Trimethylbenzene	7.0	mg/kg	0.032	0.126	2	GRO95/8021		9/15/2023	ZJW	1
m&p-Xylene	16.4	mg/kg	0.054	0.2	2	GRO95/8021		9/15/2023	ZJW	1
o-Xylene	0.106	mg/kg	0.022	0.082	2	GRO95/8021		9/15/2023	ZJW	1

**Project Name** US OIL-TANK 305  
**Project #**

**Invoice #** E42915

**Lab Code** 5042915D  
**Sample ID** GP-6 (4-6)  
**Sample Matrix** Soil  
**Sample Date** 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.1	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0055	0.021	1	GRO95/8021		9/15/2023	ZJW	1
Ethylbenzene	< 0.025	mg/kg	0.011	0.042	1	GRO95/8021		9/15/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/15/2023	ZJW	1
Naphthalene	< 0.025	mg/kg	0.012	0.046	1	GRO95/8021		9/15/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/15/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		9/15/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.016	0.063	1	GRO95/8021		9/15/2023	ZJW	1
m&p-Xylene	< 0.05	mg/kg	0.027	0.1	1	GRO95/8021		9/15/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/15/2023	ZJW	1

**Lab Code** 5042915E  
**Sample ID** GP-7 (2-4)  
**Sample Matrix** Soil  
**Sample Date** 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.3	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	7.3	mg/kg	0.011	0.042	2	GRO95/8021		9/15/2023	ZJW	1
Ethylbenzene	14	mg/kg	0.022	0.084	2	GRO95/8021		9/15/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.028	0.108	2	GRO95/8021		9/15/2023	ZJW	1
Naphthalene	4.4	mg/kg	0.024	0.092	2	GRO95/8021		9/15/2023	ZJW	1
Toluene	< 0.05	mg/kg	0.022	0.088	2	GRO95/8021		9/15/2023	ZJW	1
1,2,4-Trimethylbenzene	36	mg/kg	0.032	0.12	2	GRO95/8021		9/15/2023	ZJW	1
1,3,5-Trimethylbenzene	10.8	mg/kg	0.032	0.126	2	GRO95/8021		9/15/2023	ZJW	1
m&p-Xylene	53	mg/kg	0.054	0.2	2	GRO95/8021		9/15/2023	ZJW	1
o-Xylene	0.092	mg/kg	0.022	0.082	2	GRO95/8021		9/15/2023	ZJW	1

Project Name US OIL-TANK 305  
Project #

Invoice # E42915

Lab Code 5042915F  
Sample ID GP-7 (4-6)  
Sample Matrix Soil  
Sample Date 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.9	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0055	0.021	1	GRO95/8021		9/15/2023	ZJW	1
Ethylbenzene	< 0.025	mg/kg	0.011	0.042	1	GRO95/8021		9/15/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/15/2023	ZJW	1
Naphthalene	< 0.025	mg/kg	0.012	0.046	1	GRO95/8021		9/15/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/15/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		9/15/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.016	0.063	1	GRO95/8021		9/15/2023	ZJW	1
m&p-Xylene	< 0.05	mg/kg	0.027	0.1	1	GRO95/8021		9/15/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/15/2023	ZJW	1

Lab Code 5042915G  
Sample ID GP-8 (2-4)  
Sample Matrix Soil  
Sample Date 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.5	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	0.239	mg/kg	0.0055	0.021	1	GRO95/8021		9/15/2023	ZJW	1
Ethylbenzene	2.18	mg/kg	0.011	0.042	1	GRO95/8021		9/15/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/15/2023	ZJW	1
Naphthalene	1.07	mg/kg	0.012	0.046	1	GRO95/8021		9/15/2023	ZJW	1
Toluene	0.0297 "J"	mg/kg	0.011	0.044	1	GRO95/8021		9/15/2023	ZJW	1
1,2,4-Trimethylbenzene	4.7	mg/kg	0.016	0.06	1	GRO95/8021		9/15/2023	ZJW	1
1,3,5-Trimethylbenzene	1.31	mg/kg	0.016	0.063	1	GRO95/8021		9/15/2023	ZJW	1
m&p-Xylene	2.87	mg/kg	0.027	0.1	1	GRO95/8021		9/15/2023	ZJW	1
o-Xylene	0.036 "J"	mg/kg	0.011	0.041	1	GRO95/8021		9/15/2023	ZJW	1

**Project Name** US OIL-TANK 305  
**Project #**

**Invoice #** E42915

**Lab Code** 5042915H  
**Sample ID** GP-8 (4-6)  
**Sample Matrix** Soil  
**Sample Date** 9/7/2023

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
General										
General										
Solids Percent	83.6	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0055	0.021	1	GRO95/8021		9/20/2023	ZJW	1
Ethylbenzene	< 0.025	mg/kg	0.011	0.042	1	GRO95/8021		9/20/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/20/2023	ZJW	1
Naphthalene	< 0.025	mg/kg	0.012	0.046	1	GRO95/8021		9/20/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/20/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		9/20/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.016	0.063	1	GRO95/8021		9/20/2023	ZJW	1
m&p-Xylene	< 0.05	mg/kg	0.027	0.1	1	GRO95/8021		9/20/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/20/2023	ZJW	1

**Lab Code** 5042915I  
**Sample ID** GP-9 (2-4)  
**Sample Matrix** Soil  
**Sample Date** 9/7/2023

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
General										
General										
Solids Percent	84.2	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0055	0.021	1	GRO95/8021		9/15/2023	ZJW	1
Ethylbenzene	< 0.025	mg/kg	0.011	0.042	1	GRO95/8021		9/15/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/15/2023	ZJW	1
Naphthalene	< 0.025	mg/kg	0.012	0.046	1	GRO95/8021		9/15/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/15/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		9/15/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.016	0.063	1	GRO95/8021		9/15/2023	ZJW	1
m&p-Xylene	< 0.05	mg/kg	0.027	0.1	1	GRO95/8021		9/15/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/15/2023	ZJW	1

**Project Name** US OIL-TANK 305  
**Project #**

**Invoice #** E42915

**Lab Code** 5042915J  
**Sample ID** GP-9 (4-6)  
**Sample Matrix** Soil  
**Sample Date** 9/7/2023

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
General										
General										
Solids Percent	82.9	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0055	0.021	1	GRO95/8021		9/15/2023	ZJW	1
Ethylbenzene	< 0.025	mg/kg	0.011	0.042	1	GRO95/8021		9/15/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/15/2023	ZJW	1
Naphthalene	< 0.025	mg/kg	0.012	0.046	1	GRO95/8021		9/15/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/15/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		9/15/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.016	0.063	1	GRO95/8021		9/15/2023	ZJW	1
m&p-Xylene	< 0.05	mg/kg	0.027	0.1	1	GRO95/8021		9/15/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/15/2023	ZJW	1

**Lab Code** 5042915K  
**Sample ID** GP-10 (2-4)  
**Sample Matrix** Soil  
**Sample Date** 9/7/2023

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
General										
General										
Solids Percent	82.6	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0055	0.021	1	GRO95/8021		9/20/2023	ZJW	1
Ethylbenzene	< 0.025	mg/kg	0.011	0.042	1	GRO95/8021		9/20/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/20/2023	ZJW	1
Naphthalene	< 0.025	mg/kg	0.012	0.046	1	GRO95/8021		9/20/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/20/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		9/20/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.016	0.063	1	GRO95/8021		9/20/2023	ZJW	1
m&p-Xylene	< 0.05	mg/kg	0.027	0.1	1	GRO95/8021		9/20/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/20/2023	ZJW	1

Project Name US OIL-TANK 305  
Project #

Invoice # E42915

Lab Code 5042915L  
Sample ID GP-10 (4-6)  
Sample Matrix Soil  
Sample Date 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	75.7	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0055	0.021	1	GRO95/8021		9/20/2023	ZJW	1
Ethylbenzene	< 0.025	mg/kg	0.011	0.042	1	GRO95/8021		9/20/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/20/2023	ZJW	1
Naphthalene	< 0.025	mg/kg	0.012	0.046	1	GRO95/8021		9/20/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/20/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		9/20/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.016	0.063	1	GRO95/8021		9/20/2023	ZJW	1
m&p-Xylene	< 0.05	mg/kg	0.027	0.1	1	GRO95/8021		9/20/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/20/2023	ZJW	1

Lab Code 5042915M  
Sample ID GP-11 (2-4)  
Sample Matrix Soil  
Sample Date 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	73.9	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0055	0.021	1	GRO95/8021		9/20/2023	ZJW	1
Ethylbenzene	< 0.025	mg/kg	0.011	0.042	1	GRO95/8021		9/20/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/20/2023	ZJW	1
Naphthalene	< 0.025	mg/kg	0.012	0.046	1	GRO95/8021		9/20/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/20/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		9/20/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.016	0.063	1	GRO95/8021		9/20/2023	ZJW	1
m&p-Xylene	< 0.05	mg/kg	0.027	0.1	1	GRO95/8021		9/20/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/20/2023	ZJW	1



Project Name US OIL-TANK 305  
Project #

Invoice # E42915

Lab Code 5042915N  
Sample ID GP-11 (4-6)  
Sample Matrix Soil  
Sample Date 9/7/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.9	%			1	5021		9/11/2023	ZJW	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0055	0.021	1	GRO95/8021		9/20/2023	ZJW	1
Ethylbenzene	< 0.025	mg/kg	0.011	0.042	1	GRO95/8021		9/20/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.014	0.054	1	GRO95/8021		9/20/2023	ZJW	1
Naphthalene	< 0.025	mg/kg	0.012	0.046	1	GRO95/8021		9/20/2023	ZJW	1
Toluene	< 0.025	mg/kg	0.011	0.044	1	GRO95/8021		9/20/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.016	0.06	1	GRO95/8021		9/20/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.016	0.063	1	GRO95/8021		9/20/2023	ZJW	1
m&p-Xylene	< 0.05	mg/kg	0.027	0.1	1	GRO95/8021		9/20/2023	ZJW	1
o-Xylene	< 0.025	mg/kg	0.011	0.041	1	GRO95/8021		9/20/2023	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



## Environmental Lab, LLC

www.synergy-lab.net

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • mrsynergy@wi.twcbc.com

### Sample Handling Request

Rush Analysis Date Required: \_\_\_\_\_  
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # \_\_\_\_\_  
QUOTE # : \_\_\_\_\_  
Project #: \_\_\_\_\_  
Sampler: (signature) *[Signature]*

Project (Name / Location): US oil - Tank 305

Reports To: Travis Manser Invoice To: \_\_\_\_\_  
Company: Endpoint Solutions Company: \_\_\_\_\_  
Address: 6871 S Lovers Lane Address: SAINT  
City State Zip: Franklin, WI City State Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Phone: \_\_\_\_\_  
Email: \_\_\_\_\_ Email: \_\_\_\_\_

Analysis Requested												Other Analysis			
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID		
5042915 A	GP-S(2-4)	9/7/23	910	N	2	Soil	METH										X								
B	GP-S(4-6)		920														X								
C	GP-6(2-4)		925														X								
D	GP-6(4-6)		930														X								
E	GP-7(2-4)		945														X								
F	GP-7(4-6)		950														X								
G	GP-8(2-4)		935														X								
H	GP-8(4-6)		940														X								
I	GP-9(2-4)		1240														X								
J	GP-9(4-6)		1245														X								
K	GP-10(2-4)		1300														X								
L	GP-10(4-6)		1305														X								

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: CS

Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice:

Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) \_\_\_\_\_

Time 9/8/23 Date 1030

Received By: (sign) \_\_\_\_\_

Time \_\_\_\_\_ Date \_\_\_\_\_

Received in Laboratory By: *[Signature]*

Time: 700

Date: 9/11/23

# Synergy Environmental Lab, LLC.

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

TRAVIS MANSER  
ENDPOINT SOLUTIONS  
6871 SOUTH LOVER'S LANE  
FRANKLIN, WI 53132

Report Date 12-Oct-23

Project Name US VENTURE TANK 305  
Project # 014-004-029

Invoice # E43030

Lab Code 5043030A  
Sample ID MW-1  
Sample Matrix Water  
Sample Date 10/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	6.9	ug/l	0.31	1.17	1	GRO95/8021		10/10/2023	ZJW	1
Ethylbenzene	7.9	ug/l	0.33	1.25	1	GRO95/8021		10/10/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	1.12 "J"	ug/l	0.45	1.75	1	GRO95/8021		10/10/2023	ZJW	1
Naphthalene	< 1	ug/l	1	3.83	1	GRO95/8021		10/10/2023	ZJW	1
Toluene	< 0.41	ug/l	0.41	1.57	1	GRO95/8021		10/10/2023	ZJW	1
1,2,4-Trimethylbenzene	1.47 "J"	ug/l	0.39	1.5	1	GRO95/8021		10/10/2023	ZJW	1
1,3,5-Trimethylbenzene	1.01 "J"	ug/l	0.29	1.1	1	GRO95/8021		10/10/2023	ZJW	1
m&p-Xylene	1.85	ug/l	0.48	1.84	1	GRO95/8021		10/10/2023	ZJW	1
o-Xylene	< 0.66	ug/l	0.66	2.54	1	GRO95/8021		10/10/2023	ZJW	1

Project Name US VENTURE TANK 305  
Project # 014-004-029

Invoice # E43030

Lab Code 5043030B  
Sample ID MW-2  
Sample Matrix Water  
Sample Date 10/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.31	ug/l	0.31	1.17	1	GRO95/8021		10/10/2023	ZJW	1
Ethylbenzene	< 0.33	ug/l	0.33	1.25	1	GRO95/8021		10/10/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.45	ug/l	0.45	1.75	1	GRO95/8021		10/10/2023	ZJW	1
Naphthalene	< 1	ug/l	1	3.83	1	GRO95/8021		10/10/2023	ZJW	1
Toluene	< 0.41	ug/l	0.41	1.57	1	GRO95/8021		10/10/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.39	ug/l	0.39	1.5	1	GRO95/8021		10/10/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.29	ug/l	0.29	1.1	1	GRO95/8021		10/10/2023	ZJW	1
m&p-Xylene	< 0.48	ug/l	0.48	1.84	1	GRO95/8021		10/10/2023	ZJW	1
o-Xylene	< 0.66	ug/l	0.66	2.54	1	GRO95/8021		10/10/2023	ZJW	1

Lab Code 5043030C  
Sample ID MW-3  
Sample Matrix Water  
Sample Date 10/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.31	ug/l	0.31	1.17	1	GRO95/8021		10/10/2023	ZJW	1
Ethylbenzene	< 0.33	ug/l	0.33	1.25	1	GRO95/8021		10/10/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.45	ug/l	0.45	1.75	1	GRO95/8021		10/10/2023	ZJW	1
Naphthalene	< 1	ug/l	1	3.83	1	GRO95/8021		10/10/2023	ZJW	1
Toluene	< 0.41	ug/l	0.41	1.57	1	GRO95/8021		10/10/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.39	ug/l	0.39	1.5	1	GRO95/8021		10/10/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.29	ug/l	0.29	1.1	1	GRO95/8021		10/10/2023	ZJW	1
m&p-Xylene	< 0.48	ug/l	0.48	1.84	1	GRO95/8021		10/10/2023	ZJW	1
o-Xylene	< 0.66	ug/l	0.66	2.54	1	GRO95/8021		10/10/2023	ZJW	1

Lab Code 5043030D  
Sample ID TRIP BLANK  
Sample Matrix Water  
Sample Date 10/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.31	ug/l	0.31	1.17	1	GRO95/8021		10/10/2023	ZJW	1
Ethylbenzene	< 0.33	ug/l	0.33	1.25	1	GRO95/8021		10/10/2023	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.45	ug/l	0.45	1.75	1	GRO95/8021		10/10/2023	ZJW	1
Naphthalene	< 1	ug/l	1	3.83	1	GRO95/8021		10/10/2023	ZJW	1
Toluene	< 0.41	ug/l	0.41	1.57	1	GRO95/8021		10/10/2023	ZJW	1
1,2,4-Trimethylbenzene	< 0.39	ug/l	0.39	1.5	1	GRO95/8021		10/10/2023	ZJW	1
1,3,5-Trimethylbenzene	< 0.29	ug/l	0.29	1.1	1	GRO95/8021		10/10/2023	ZJW	1
m&p-Xylene	< 0.48	ug/l	0.48	1.84	1	GRO95/8021		10/10/2023	ZJW	1
o-Xylene	< 0.66	ug/l	0.66	2.54	1	GRO95/8021		10/10/2023	ZJW	1

**Project Name** US VENTURE TANK 305  
**Project #** 014-004-029

**Invoice #** E43030

"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**



Handwritten signature of Christopher J. Rosen in blue ink, positioned above a horizontal line.

## Environmental Lab, LLC

www.synergy-lab.net  
 1990 Prospect Ct. • Appleton, WI 54914  
 920-830-2455 • mrsynergy@wi.twcbc.com

**Sample Handling Request**

Rush Analysis Date Required: \_\_\_\_\_  
 (Rushes accepted only with prior authorization)  
 Normal Turn Around

Lab I.D. # \_\_\_\_\_  
 QUOTE # : \_\_\_\_\_  
 Project #: 014-004-029  
 Sampler: (signature) \_\_\_\_\_

Project (Name / Location): US Venture Tank 305 / Milwaukee, WI  
 Reports To: Travis manson Invoice To: \_\_\_\_\_  
 Company: Endpoint Solutions Company: \_\_\_\_\_  
 Address: 6871 S Lovers Lane Address: SAME  
 City State Zip: Franklin, WI City State Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Email: Travis@EndpointSolutions.com Email: \_\_\_\_\_

Analysis Requested											Other Analysis				
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-PCRA METALS	PID/ FID

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
		Date	Time				
<u>S043030 A</u>	<u>MW-1</u>	<u>10/6/23</u>	<u>945</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>Hcl</u>
<u>B</u>	<u>MW-2</u>	<u>↓</u>	<u>1110</u>	<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>
<u>C</u>	<u>MW-3</u>	<u>↓</u>	<u>1025</u>	<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>
<u>D</u>	<u>Trip Blank</u>						

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)  
Trip Blank came with samples but not on chain. Added by Synergy. 10-10-23 zw

Sample Integrity - To be completed by receiving lab.  
 Method of Shipment: S  
 Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice: X  
 Cooler seal intact upon receipt: X Yes \_\_\_ No

Relinquished By: (sign) \_\_\_\_\_ Time \_\_\_\_\_ Date 10/9/23  
 Received By: (sign) \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_  
 Received in Laboratory By: Walter Chel Time: 800 Date: 10/10/23

# Synergy Environmental Lab, LLC.

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

TRAVIS MANSER  
ENDPOINT SOLUTIONS  
6871 SOUTH LOVER'S LANE  
FRANKLIN, WI 53132

Report Date 18-Mar-24

Project Name TANK 305/MILWAUKEE, WI  
Project # 014-004-29

Invoice # E43642

Lab Code 5043642A  
Sample ID MW-1  
Sample Matrix Water  
Sample Date 3/1/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	63	ug/l	0.31	1.17	1	GRO95/8021		3/5/2024	ZJW	1
Ethylbenzene	11.2	ug/l	0.33	1.25	1	GRO95/8021		3/5/2024	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.45	ug/l	0.45	1.75	1	GRO95/8021		3/5/2024	ZJW	1
Naphthalene	< 1	ug/l	1	3.83	1	GRO95/8021		3/5/2024	ZJW	1
Toluene	< 0.41	ug/l	0.41	1.57	1	GRO95/8021		3/5/2024	ZJW	1
1,2,4-Trimethylbenzene	8.8	ug/l	0.39	1.5	1	GRO95/8021		3/5/2024	ZJW	1
1,3,5-Trimethylbenzene	< 0.29	ug/l	0.29	1.1	1	GRO95/8021		3/5/2024	ZJW	1
m&p-Xylene	3.9	ug/l	0.48	1.84	1	GRO95/8021		3/5/2024	ZJW	1
o-Xylene	< 0.66	ug/l	0.66	2.54	1	GRO95/8021		3/5/2024	ZJW	1

Lab Code 5043642B  
Sample ID MW-2  
Sample Matrix Water  
Sample Date 3/1/2024

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.31	ug/l	0.31	1.17	1	GRO95/8021		3/5/2024	ZJW	1
Ethylbenzene	< 0.33	ug/l	0.33	1.25	1	GRO95/8021		3/5/2024	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.45	ug/l	0.45	1.75	1	GRO95/8021		3/5/2024	ZJW	1
Naphthalene	< 1	ug/l	1	3.83	1	GRO95/8021		3/5/2024	ZJW	1
Toluene	< 0.41	ug/l	0.41	1.57	1	GRO95/8021		3/5/2024	ZJW	1
1,2,4-Trimethylbenzene	< 0.39	ug/l	0.39	1.5	1	GRO95/8021		3/5/2024	ZJW	1
1,3,5-Trimethylbenzene	< 0.29	ug/l	0.29	1.1	1	GRO95/8021		3/5/2024	ZJW	1
m&p-Xylene	< 0.48	ug/l	0.48	1.84	1	GRO95/8021		3/5/2024	ZJW	1
o-Xylene	< 0.66	ug/l	0.66	2.54	1	GRO95/8021		3/5/2024	ZJW	1

**Project Name** TANK 305/MILWAUKEE, WI  
**Project #** 014-004-29

**Invoice #** E43642

**Lab Code** 5043642C  
**Sample ID** MW-3  
**Sample Matrix** Water  
**Sample Date** 3/1/2024

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Organic										
PVOC + Naphthalene										
Benzene	< 0.31	ug/l	0.31	1.17	1	GRO95/8021	3/5/2024	3/5/2024	ZJW	1
Ethylbenzene	< 0.33	ug/l	0.33	1.25	1	GRO95/8021	3/5/2024	3/5/2024	ZJW	1
Methyl tert-butyl ether (MTBE)	< 0.45	ug/l	0.45	1.75	1	GRO95/8021	3/5/2024	3/5/2024	ZJW	1
Naphthalene	< 1	ug/l	1	3.83	1	GRO95/8021	3/5/2024	3/5/2024	ZJW	1
Toluene	< 0.41	ug/l	0.41	1.57	1	GRO95/8021	3/5/2024	3/5/2024	ZJW	1
1,2,4-Trimethylbenzene	< 0.39	ug/l	0.39	1.5	1	GRO95/8021	3/5/2024	3/5/2024	ZJW	1
1,3,5-Trimethylbenzene	< 0.29	ug/l	0.29	1.1	1	GRO95/8021	3/5/2024	3/5/2024	ZJW	1
m&p-Xylene	< 0.48	ug/l	0.48	1.84	1	GRO95/8021	3/5/2024	3/5/2024	ZJW	1
o-Xylene	< 0.66	ug/l	0.66	2.54	1	GRO95/8021	3/5/2024	3/5/2024	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**





## Environmental Lab, LLC

www.synergy-lab.net

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920-830-2455 • mrsynergy@wi.twcbc.com

**Sample Handling Request**

Rush Analysis Date Required: \_\_\_\_\_  
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # \_\_\_\_\_  
 QUOTE # : \_\_\_\_\_  
 Project #: **014-004-29**  
 Sampler: (signature) \_\_\_\_\_

Project (Name/Location): **Tank 305 / Milwaukee, WI**

Reports To: **Travis Manser** Invoice To: \_\_\_\_\_  
 Company: **Endpoint Solutions** Company: \_\_\_\_\_  
 Address: **6371 S Lowers Lane** Address: **SAME**  
 City State Zip: **Franklin, WI** City State Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_ Email: \_\_\_\_\_

Analysis Requested											Other Analysis				
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-PCRA METALS	PID/ FID
								<input checked="" type="checkbox"/>							

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
		Date	Time				
<b>5043042A</b>	<b>mw-1</b>	<b>3/1/24</b>	<b>920</b>	<b>N</b>	<b>3</b>	<b>GW</b>	
<b>B</b>	<b>mw-2</b>	<b>↓</b>	<b>950</b>	<b>↓</b>	<b>↓</b>	<b>↓</b>	
<b>C</b>	<b>mw-3</b>	<b>↓</b>	<b>1020</b>	<b>↓</b>	<b>↓</b>	<b>↓</b>	

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: CS  
 Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice: X  
 Cooler seal intact upon receipt: X Yes \_\_\_ No

Relinquished By: (sign) \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_  
 Received By: (sign) [Signature] Time: 800 Date: 3/5/24  
 Received in Laboratory By: \_\_\_\_\_