

March 5, 2020

Project Reference #18701

Mr. Thomas Coogan
Wisconsin Dept. of Natural Resources – RR/5
PO Box 7921
Madison, WI 53707

Mr. Jeff Ackerman
Wisconsin Dept. of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

**Subject: Phase II Environmental Site Assessment Report
Marathon Station Former, 905 East Main Street, Watertown, WI
BRRTS #03-28-583075**

Dear Mr. Coogan and Mr. Ackerman:

The Sigma Group, Inc. (Sigma) has prepared this *Phase II Environmental Site Assessment* (ESA) report to document and discuss the ESA activities completed at the 905 East Main Street property located in Watertown, Wisconsin (hereinafter the “site”). The site layout is depicted in **Figure 1**. The ESA activities presented below and completed by Sigma to date were completed under the Wisconsin Assessment Monies (WAM) Contractor Services Project on behalf of the program participants:

Property Owner: Jefferson County – Representative: Benjamin Wehmeier
Applicant: City of Watertown – Representative: Jacob Maas
Regulatory Agency: WDNR – Jeff Ackerman, Project Manager

BACKGROUND

Site-specific information regarding the site history and previously completed site investigation work were reviewed prior to conducting site assessment activities. Specifically, the September 2019 *AAI Phase I Environmental Site Assessment, 905 East Main Street, Watertown, Wisconsin (Phase I ESA)* report prepared by Sigma, the previous Bureau for Redevelopment and Remediation Tracking System (BRRTS) closed case file #03-28-542497, and WAM Grant application documents were reviewed.

The site is currently improved with a vacant convenience store with attached cooler and a shed and located within an area of Watertown consisting primarily of commercial and residential use. Historically, the site was developed since at least 1895. Historical occupants between 1895 and 1963 included a grocery, stables, a feed warehouse and a storefront with storage buildings. Since 1963, the site has been occupied by a gasoline station. Remaining gasoline underground storage tanks (USTs), dispensers, and associated piping were removed from the site in 2018.

The approximately 0.19-acre property is bordered to the northeast by Main Street, then residential properties and a restaurant; to the west by College Avenue, then residential properties and an office building; and to the southeast by residential properties.

The site is an open Leaking Underground Storage Tank (LUST) site (BRRTS #03-28-583075). A review of analytical results from soil samples collected during a tank system site assessment completed in September 2018 by General Engineering Company (GEC) identified petroleum impacts to soil at concentrations greater than applicable Residual Contaminant Levels (RCLs) beneath a former dispenser and at the eastern wall of the UST excavation. Based on the UST assessment sample results, a release was reported to WDNR on February 5, 2019. A copy of the UST assessment report is included as **Attachment A**.

Additionally, the site is also a closed LUST site (BRRTS #03-28-542497). Two USTs were removed in May 1987 (three USTs were installed as replacements, which were removed in September 2018 – discussed above). A release associated with the USTs removed in 1987 was identified during previous subsurface investigation work in January 2005. Benzene impacts to both soil and groundwater at concentrations greater than applicable standards were noted in the remedial investigation report¹ completed by K. Singh & Associates, Inc. (K. Singh). Within soil, concentrations of benzene were identified in the dispenser area and a former tank area located in the northwest portion of the site. Benzene groundwater impacts were identified in the northwest portion of the site but were defined by installation of an off-site monitoring well.

Based on the degree and extent of petroleum impacts to soil and groundwater identified through the completed soil and groundwater sampling, no significant risk to potential receptors was identified. Case closure was approved by Wisconsin Department of Commerce (COMM) in a letter dated May 9, 2006.

Based on a review of information in the WDNR files for the site, shallow groundwater at the site is generally seven to nine feet below the existing ground surface (bgs). Subsurface soils at the site reportedly consist of silty sand and clayey silt.

The purpose of Sigma's Phase II ESA activities was to define potential soil and groundwater contamination and assess their impacts on potential migration pathways and contaminant receptors include the following:

- 1) Potential direct contact with petroleum impacts identified at the location of the former dispensers (GEC Sample 1);
- 2) Potential migration to groundwater of petroleum impacts identified within soil samples collected during removal of the USTs; and
- 3) Potential off-site migration of petroleum impacted groundwater (if present).

PHASE II ESA ACTIVITIES

The Phase II ESA activities were completed in accordance with ASTM E1903-19, Sigma's EPA-approved *Quality Assurance Project Plan (QAPP)*, and Wisconsin laws and regulations at the time work was performed; specifically, Wisconsin Administrative Code (WAC) Chapters NR 700 through 726 (NR 700 through NR 726), WAC Chapter NR 140 (NR 140), and WAC Chapter NR 141 (NR 141). Any exceptions are noted below.

¹ *Remedial Investigation Report, Marathon Gas Station, 905 East Main Street, Watertown, WI 53098, BRRTS # 03-28-542497*, by K. Singh & Associates, Inc., dated October 12, 2005.

Utility Clearance. Diggers Hotline was contacted to locate public utilities. City of Watertown and utility representatives marked underground utilities around the site and in the vicinity of the proposed soil borings so that utility conflicts could be avoided.

Soil Boring Activities. On January 23, 2020, eight Geoprobe® soil borings (SGP-1 through SGP-8) were advanced at the locations shown in **Figure 1**. (Locations of samples collected during the most recent UST assessment are also illustrated on **Figure 1** for reference). The soil boring locations were chosen to assess soil impacts previously identified at the location of the former west dispenser. One soil boring was completed to an approximate depth of 12 feet bgs at the location of the west dispenser, and four to seven delineation borings were proposed (with five completed) to determine the extent of petroleum impacts.

In addition, two soil borings along the southwest property line were completed to depths of approximately 12 to 14 feet bgs for the purpose of temporary well installation to evaluate shallow groundwater quality downgradient (groundwater flow direction was based on previous site work) from the former UST dispenser area.

Based on Sigma's review of the UST assessment report, the soil sample collected from below the west dispenser (GEC Sample 1) contained the highest reported concentrations of petroleum impacts identified during removal of the USTs and associated piping dispensers. Sigma reviewed available photos of the site, specifically photos showing the former location of the west dispenser in order to evaluate possible remaining site features that could be used to accurately determine the former location of the west dispenser as the location of the former dispenser and overhead canopy were disturbed/demolished as part of the UST removal. Copies of the available photos utilized by Sigma are included as **Attachment B**.

Based on the photos, site landmarks existing at the time of the field work were used to determine the location of the former west dispenser. Specifically, the sign pole located to the west of the former UST area, the existing site building, as well as features such as breaks/cracks in existing pavement and features on structures on adjacent properties (across E. Main Street) were used as reference points to triangulate the location of the former dispenser. Photos of the marked boring locations are also included in **Attachment B**.

Based on the photographs reviewed by Sigma and site features the location of GEC Sample 1, as labeled on the "maps" associated with the UST assessment report included in **Attachment A**, appears to be slightly east of the former west dispenser location. However, the assessment report language indicated the sample was collected below the former west dispenser; therefore, Sigma completed boring SGP-3/TW-3 at the location of the former west dispenser based on the methodology described above and available site reference points.

The soil borings were advanced to completion depths of approximately 8 to 12 feet bgs with a track mounted Geoprobe® hydraulic drill rig. Soil samples were continuously collected at each Geoprobe® soil boring location from the ground surface to the boring termination depth with a 2.5-inch diameter by 5-foot long Macro-Core® sampler. Soil samples were described on the basis of grain size, color, stiffness or density, and other relevant characteristics, and classified in general accordance with the Unified Soil Classification System (USCS). Each of the soil samples collected from the soil borings were field screened through visual and olfactory observations and by a photoionization detector (PID) to semi-qualitatively assess the presence of volatile organic compound (VOC) impacts. The soil classifications, sampling

intervals, and field screening results are presented on the soil boring logs included as **Attachment C**.

Up to two soil samples per soil boring were containerized and submitted for laboratory analysis of petroleum volatile organic compounds (PVOCs) and naphthalene by EPA Method 8021 / WDNR Modified GRO Sep 95 in accordance with the *QAPP*. Soil sample intervals were selected based on the *Sampling and Analysis Plan (SAP)*, which called for sampling at delineation borings based on PID readings, and at SGP-3 (the approximate location of GEC Sample 1) at 3 to 4 feet and 7 to 8 feet bgs. If no signs of impacts were noted within delineation borings, soil samples were collected from the 2- to 3-foot interval. Representative quantities of soil were placed in laboratory-supplied containers and stored in a cooler for the duration of field activities. For quality analysis/quality control (QA/QC) purposes in accordance with the *SAP*, a soil duplicate from soil boring SGP-6 (2 to 3 feet bgs) and a methanol blank were submitted for laboratory analysis of PVOCs and naphthalene. A completed chain of custody document accompanied the soil samples at all times until receipt by the laboratory.

Upon completion, soil borings were abandoned in accordance with NR 141. The soil boring abandonment forms are provided in **Attachment D**.

Temporary Monitoring Well Installation Activities. On January 23, 2020, three temporary monitoring wells (TW-1 through TW-3) were installed at the locations of soil borings SGP-1, SGP-2, and SGP-3, respectively. The temporary well locations were chosen to evaluate groundwater impacts in the west dispenser area and to determine whether the previously identified soil impacts had impacted shallow groundwater with the potential to migrate off-site. Each well was installed in the open borehole from Geoprobe® soil sampling to a depth of approximately 12 feet. A 10-foot section of 0.010-inch machine slotted well screen was placed at the bottom of each borehole and connected to a section of solid 1-inch PVC pipe. The wells were surrounded with filter pack to a depth approximately one foot above the top of the well screen. Each well was sealed to the surface using bentonite chips.

Groundwater Sampling Activities. On January 23, 2020, grab groundwater samples were collected from the temporary wells. The groundwater samples were collected from the wells with new disposable bailers at each well to be submitted for laboratory analysis of PVOCs and naphthalene by EPA Method 8021 / WDNR Modified GRO Sep 95 in accordance with the *QAPP*. After collection, the samples were transferred to laboratory supplied containers and were stored on ice in a cooler for the duration of field activities. Duplicate, equipment blank, and trip blank samples were also collected for QA/QC purposes and analyzed for PVOCs and naphthalene. The duplicate was collected from well TW-2 using the same disposable bailer. The equipment blank was collected using a new disposable bailer and laboratory-supplied deionized water. The trip blank contained known VOC-free water provided by the laboratory in a sealed container, which accompanied the samples at all times until receipt by the laboratory. A completed chain of custody document accompanied the groundwater samples at all times until receipt by the laboratory.

Investigation Derived Waste Management

Soil cuttings from the Phase II ESA activities are currently staged on-site within one 55-gallon DOT approved drum, pending disposal arrangements.

PHASE II ESA RESULTS

Site Geology. The soil profile within the investigation area, as observed during the investigation activities, consists of reworked soil fill consisting of gravel and sand, with occasional silts and trace amounts of concrete, from the ground surface to depths varying between 1.75 to 8 feet bgs. Native material comprised primarily of yellowish orange silts and sands, with select locations of grey silts and clays, was typically observed below the sand and gravel fill layers to the termination depth, approximately 8 to 12 feet bgs. Greater depths of gravel fill were noted within soil borings SGP-2 and SGP-8, which correspond with former tank basin areas. Saturated soil conditions were generally observed at depths between 6 and 8 feet bgs. The soil descriptions are presented in the soil boring logs included as **Attachment C**.

Soil Quality Results. A summary of soil quality results is provided below. Contaminant concentrations identified at the site were compared to the WDNR groundwater pathway and direct contact RCLs as defined in NR 720 and presented on the WDNR's RCL Spreadsheet (dated December 2018) with default input parameters as referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014.

Concentrations of PVOCs and naphthalene were reported at less than their respective NR 720 RCLs and limits of detection within each sample submitted for laboratory analysis, with the exception of SGP-5 (7-8). Within SGP-5 (7-8), low levels of select petroleum hydrocarbons including naphthalene, toluene, trimethylbenzenes, and xylenes were detected at concentrations less than their respective NR 720 RCLs. Benzene was detected at a concentration of 0.105 milligrams per kilogram (mg/kg), greater than its groundwater pathway RCL.

The soil analytical data is summarized and compared to current WDNR RCLs in **Table 1**. The extent of identified benzene impacts to soil is presented on **Figure 2**. The soil laboratory report, chain of custody, and supporting MS/MSD reports are included in **Attachment E**.

Review of laboratory QA/QC data does not indicate any invalid results. The duplicate sample collected at SGP-6 (2-3) did not contain detectable concentrations of PVOCs or naphthalene, corresponding with the original sample submitted for analysis. The methanol blank did not contain detectable concentrations of PVOCs or naphthalene, indicating that contamination was not introduced to the methanol preservative during transport.

Groundwater Quality Results. A summary of groundwater quality results is provided below. Contaminant concentrations identified at the site were compared to their respective NR 140 Enforcement Standards (ESs) and Preventative Action Limits (PALs).

The PVOc benzene was detected at a concentration greater than the laboratory limit of detection (LOD) and its NR 140 PAL but less than the laboratory limit of quantitation (LOQ) within the sample collected from temporary well TW-2. The petroleum constituent ethylbenzene was detected at a low level within potential source area well TW-3 at a concentration greater than the LOD and LOQ but less than its NR 140 PAL. No other analytes were reported greater than laboratory reporting limits within samples submitted for laboratory analysis.

The groundwater analytical data is summarized and compared to current NR 140 standards in **Table 2**. The estimated extent of benzene impacts to groundwater is presented on **Figure 3**. The groundwater laboratory report, chain of custody, and supporting MS/MSD reports are included in **Attachment F**.

Review of the laboratory QA/QC results indicates the data is valid: the duplicate sample results were consistent with reported concentrations within groundwater sample TW-2, and no detections were reported within the trip blank or equipment blank.

SUMMARY AND CONCLUSIONS

On January 23, 2020, Sigma advanced eight Geoprobe soil borings to evaluate the extent of petroleum impacts identified during the 2018 removal of USTs and associated piping/dispensers relative to potential migration pathways and receptors as identified at the property. Three soil borings were completed as temporary wells to evaluate site groundwater quality. Each of the soil and groundwater samples collected at the site were submitted for laboratory analysis of PVOCs and naphthalene. Based on review of the data collected during Sigma's Phase II ESA activities, the following conclusions are presented:

- The lithology of the site generally consists of sand and gravel reworked soil fill material up to 8 feet bgs underlain by native silt, clay, and sand to 12 feet bgs. Saturated soil conditions were typically noted between 6 and 8 feet bgs. Groundwater at the site was historically measured at depths of 7 to 9 feet bgs.
- Benzene was reported at a concentration greater than the NR 720 RCL for the protection of groundwater pathway within a single soil sample collected at a depth of 7 to 8 feet bgs, between the location of the former west dispenser and former USTs. The identified impact was defined by an additional boring to the west and appears to be limited in extent.
- The petroleum hydrocarbons benzene and ethylbenzene were detected at concentrations greater than the laboratory LOD within grab groundwater samples collected from temporary wells TW-2 and TW-3, respectively. The reported concentration of benzene exceeded its NR 140 PAL but was less than the laboratory LOQ. No other PVOCs were detected within grab groundwater samples collected from the site.

The supplemental soil sampling completed by Sigma did not confirm the presence of petroleum impacts identified during the 2018 UST system site assessment. Specifically, impacts previously identified in soil sample GEC Sample 1 were not observed within Sigma's soil borings completed in and around the approximate location where GEC Sample 1 was reportedly collected. The soil impacts identified in soil boring SGP-5 are likely associated with the historical USTs present at the site. The degree and extent of residual impacts do not appear to be extensive; a total of six soil samples submitted from five soil borings in and around the former west dispenser (the location of GEC Sample 1) did not contain detectable concentrations of petroleum hydrocarbon constituents to the north, east, or south. The extent of low-level impacts observed within Sigma sample SGP-5 (7-8) were delineated by samples SGP-3 (7-8) and SGP-8 (7-8) to the east and west, respectively.

Identified groundwater impacts are also likely associated with the historical UST systems previously present at the site. The benzene impact identified within groundwater from TW-

2 at a concentration greater than its NR 140 PAL is less than previous groundwater concentrations in the vicinity (K. Singh monitoring well MW-1 prior to case closure in 2006). Sigma believes that the impacts within the sample collected from TW-2 may be residual impacts from the original LUST case (BRRTS #03-28-542497) and may not be indicative of a new release to groundwater.

Based on the sampling completed to date, a vapor risk does not exist with respect to the current site layout. The presence of a direct contact risk associated with petroleum impacts from former USTs was not confirmed. Identified petroleum hydrocarbon groundwater impacts are consistent with conditions when case closure was approved in 2006 for the release associated with the former USTs.

RECOMMENDATIONS

Based on the results of soil and groundwater sampling activities completed to date, soil and groundwater impacts at concentrations slightly greater than WDNR standards are present at the site. Based on the suspected source (leaks within the dispenser system or residuals within the former UST basin), Sigma believes that the degree and extent of impacts has been sufficiently defined. Further sampling is not warranted at this time. Based on the data collected, compounds from the dispenser area release have not significantly impacted groundwater on site or to the southwest at concentrations greater than previously reported. A request for regulatory case closure could be prepared and submitted to the WDNR.

Residual impacts within site soil will require proper management as part of future site redevelopment. Additional samples to further define appropriate soil management requirements may be appropriate once a specific redevelopment plan is proposed.

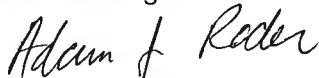
Please call us at (414) 643-4200 if you have any questions.

Sincerely,

THE SIGMA GROUP, INC.



Edward S. Pencak
Staff Geologist



Adam J. Roder, P.E., P.G.
Senior Engineer



Stephen Meer, P.E.
Senior Engineer

TABLES

1. Soil Analytical Table
2. Groundwater Analytical Table

FIGURES

1. Borehole Location Map
2. Soil Quality Map - Benzene
3. Groundwater Quality Map - Benzene

ATTACHMENTS

- A. UST Assessment Report
- B. Site Photographs
- C. Soil Boring Logs
- D. Abandonment Forms
- E. Soil Laboratory Analytical Report
- F. Groundwater Laboratory Analytical Report

TABLES

Table 1
Soil Analytical Table
Marathon Station Former, 905 E. Main Street, Watertown, Wisconsin
Sigma Project No. 18701

Soil Sample Location:		SGP-3		SGP-4	SGP-5	SGP-6		SGP-7	SGP-8	COMP-1	Groundwater Pathway RCL ⁴	Non-Industrial Direct Contact RCL ⁵	Industrial Direct Contact RCL ⁶	Background Threshold Value ⁷
Sample Depth (feet bgs):		3-4	7-8	2-3	7-8	2-3	2-3 DUP	2-3	7-8	---				
Sample Collection Date:		1/23/20	1/23/20	1/23/20	1/23/20	1/23/20	1/23/20	1/23/20	1/23/20	1/23/20				
Depth to Groundwater (feet bgs):		~8		>8	~8	~7.5	---	~7.5	~7.75	Composite soil sample for disposal				
Native Material (N) or Fill (F):		F	N	F	N	F	---	F	N					
Unsaturated/Smear Zone (U) or Saturated (S):		U	U	U	U	U	---	U	U/S					
Photoionization Detector	ppm	0.2	0	0	20.2	0	---	0	0	---	NS	NS	NS	NS
Gasoline Range Organics	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<10	NS	NS	NS	NS
VOCs														
Benzene	mg/kg	<0.025	<0.025	<0.025	0.105	<0.025	<0.025	<0.025	<0.025	NA	0.0051	1.6	7.07	NS
Ethylbenzene	mg/kg	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NA	1.57	8.02	35.4	NS
Methyl-tert-butyl-ether	mg/kg	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NA	0.027	63.8	282	NS
Naphthalene	mg/kg	<0.025	<0.025	<0.025	0.046 "J"	<0.025	<0.025	<0.025	<0.025	NA	0.6582	5.52	24.1	NS
Toluene	mg/kg	<0.025	<0.025	<0.025	0.0251 "J"	<0.025	<0.025	<0.025	<0.025	NA	1.1072	818	818	NS
1,2,4-Trimethylbenzene	mg/kg	<0.025	<0.025	<0.025	0.84	<0.025	<0.025	<0.025	<0.025	NA	1.3787	219	219	NS
1,3,5-Trimethylbenzene	mg/kg	<0.025	<0.025	<0.025	0.36	<0.025	<0.025	<0.025	<0.025	NA		182	182	NS
Xylenes (total)	mg/kg	<0.075	<0.075	<0.075	0.102 "J"	<0.075	<0.075	<0.075	<0.075	NA	3.96	260	260	NS
Cumulative DC RCL Exceeded (Y/N)?		No	No	No	No	No	---	No	No	---	---	---	---	---

Notes:

- Unsaturated/smear zone versus saturated soil conditions based on: (1) measured water levels in adjacent/nearby monitoring wells, or (2) soil moisture conditions recorded on soil boring logs during drilling.
- Analytical units: mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
- NA = not analyzed
- Groundwater Pathway RCL = Residual Contaminant Level for protection of groundwater (dilution factor of 2) as presented on the WDNR's RCL Spreadsheet (dated December 2018) referenced in WDNR guidance document PUB-RR-890 "Soil Residual
- Non-Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at a non-industrial property as presented on the WDNR's RCL Spreadsheet (dated December 2018) with default input parameters as referenced in WDNR guidance
- Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at an industrial property as presented on the WDNR's RCL Spreadsheet (dated December 2018) with default input parameters as referenced in WDNR guidance document
- Background Threshold Value = Non-outlier trace element maximum levels in Wisconsin surface soils from USGS report "Distribution and Variation of Arsenic in Wisconsin Surface Soils, With Data on Other Trace Elements" (revised February 2013).
- NS = no standard established
- Laboratory flags: "J" = Analyte detected between Limit of Detection and Limit of Quantitation
- Methanol blank results: 1/23/20: All PVOcs + naphthalene reported below laboratory detection limits.
- Exceedances:
 - BOLD** = Concentration exceeds Groundwater Pathway RCL
 - [] = Concentration exceeds Non-Industrial Direct Contact RCL (any depth)
 - { } = Concentration exceeds Industrial Direct Contact RCL (any depth)

Data entered / updated by: ESP
Data checked by: SRM

Date: 2/4/2020
Date: 2/19/2020

Table 2
Groundwater Analytical Table
Marathon Station Former, 905 E. Main Street, Watertown, Wisconsin
Sigma Project No. 18701

Well Location:		TW-1	TW-2		TW-3	NR 140	NR 140
Date:		1/23/20	1/23/20	1/23 Dup	1/23/20	ES	PAL
PVOCs & Naphthalene							
Benzene	µg/L	<0.48	0.81 "J"	0.81 "J"	<0.48	5	0.5
Ethylbenzene	µg/L	<0.55	<0.55	<0.55	2.05	700	140
Methyl-tert-butyl-ether	µg/L	<0.71	<0.71	<0.71	<0.71	60	12
Naphthalene	µg/L	<0.82	<0.82	0.92 "J"	<0.82	100	10
Toluene	µg/L	<0.62	<0.62	<0.62	<0.62	800	160
1,2,4-Trimethylbenzene	µg/L	<0.71	<0.71	<0.71	<0.71	NS	NS
1,3,5-Trimethylbenzene	µg/L	<0.66	<0.66	<0.66	<0.66	NS	NS
Total Trimethylbenzene	µg/L	<1.37	<1.37	<1.37	<1.37	480	96
Xylenes, Total	µg/L	<2.04	<2.04	<2.04	<2.04	2,000	400

Notes:

1. NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
2. NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
3. NS = no standard
4. µg/L = micrograms per liter (equivalent to parts per billion, ppb)
5. NA = Not Analyzed
6. Laboratory flags: "J" = Analyte detected between Limit of Detection and Limit of Quantitation.
7. Trip blank results: 1/23/20: All PVOCs + naphthalene reported below laboratory detection limits.
8. Equipment blank results: 1/23/20: All PVOCs + naphthalene reported below laboratory detection limits.
9. Exceedances: **BOLD** = Concentration exceeds NR 140 ES
ITALICS = Concentration exceeds NR 140 PAL
10. Special notes: ** = not an NR 140 ES or PAL exceedance per NR 140.14(3)(c)

Data entered / updated by: ESP
Data checked by: SRM

Date: 1/31/20
Date: 2/19/2020

FIGURES



Project: 18701
 Directory: CAD
 Filename: 18701_Master Map_vertical 11x17.ai
 Created By: ESP
 Date: 03/03/2020

LEGEND	
	Sigma Soil Boring (SGP-)
	Sigma Soil Boring / Temporary Monitoring Well (SGP-/TW-)
	GEC Soil Sample (S-)

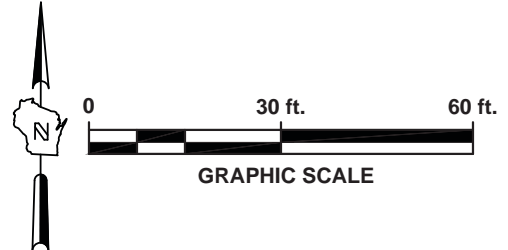


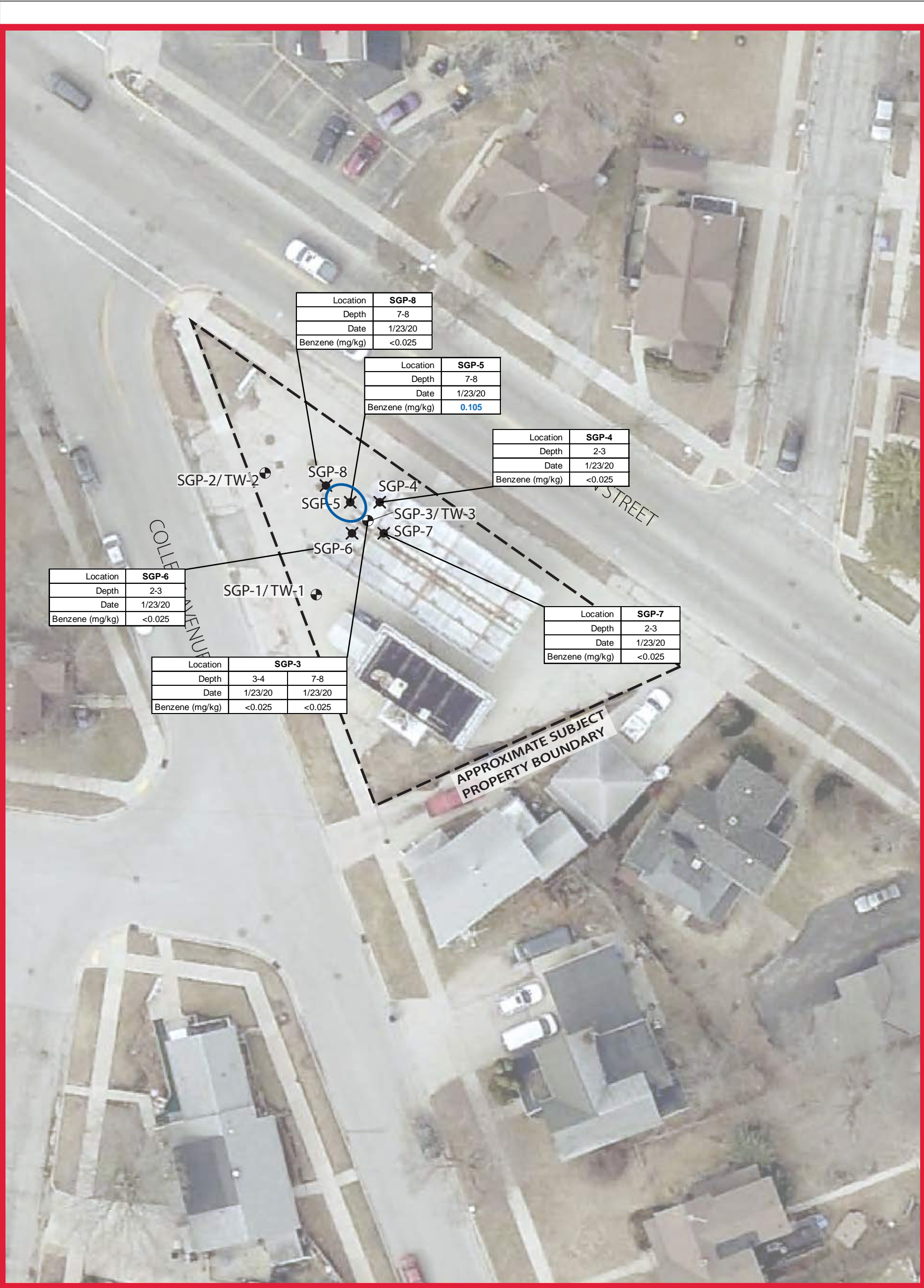
Image Source:
 Jefferson County Geographic Information System

 Note: GEC sample locations are approximate.



BOREHOLE LOCATION MAP
 905 EAST MAIN STREET
 WATERTOWN, WISCONSIN

FIGURE
1



Location	SGP-8
Depth	7-8
Date	1/23/20
Benzene (mg/kg)	<0.025

Location	SGP-5
Depth	7-8
Date	1/23/20
Benzene (mg/kg)	0.105

Location	SGP-4
Depth	2-3
Date	1/23/20
Benzene (mg/kg)	<0.025

Location	SGP-6
Depth	2-3
Date	1/23/20
Benzene (mg/kg)	<0.025

Location	SGP-3	
Depth	3-4	7-8
Date	1/23/20	1/23/20
Benzene (mg/kg)	<0.025	<0.025

Location	SGP-7
Depth	2-3
Date	1/23/20
Benzene (mg/kg)	<0.025

APPROXIMATE SUBJECT PROPERTY BOUNDARY

LEGEND

- Sigma Soil Boring (SGP-)
- Soil Boring / Temporary Monitoring Well (SGP-/TW-)

ANALYTICAL KEY

- = Estimated extent of benzene impacts greater than NR 720 RCL
 - BOLD** = Concentration exceeds Groundwater Pathway RCL
- Concentrations reported in milligrams per kilogram (mg/kg)

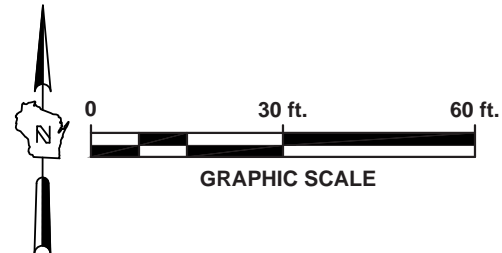


Image Source:
Jefferson County Geographic Information System

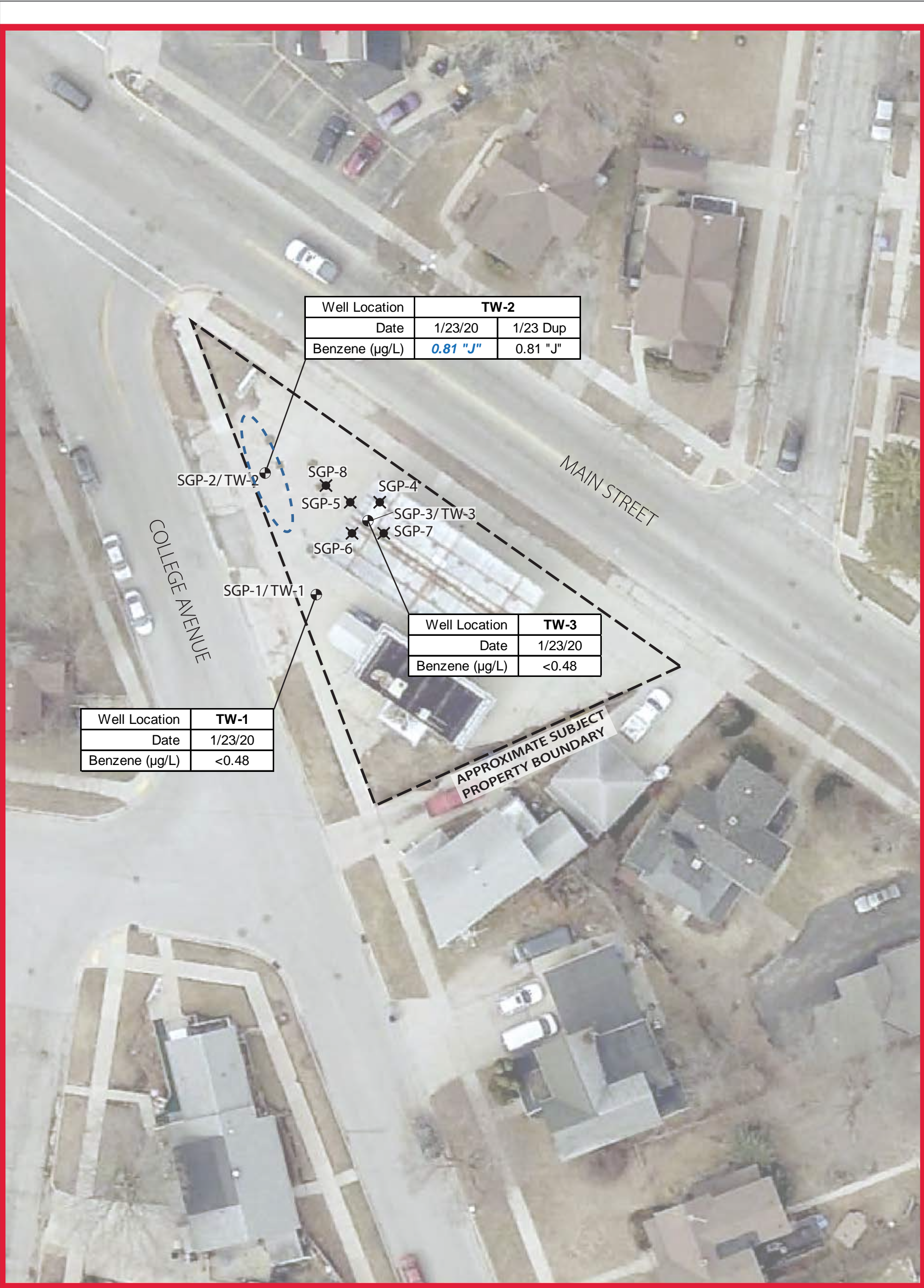


SOIL QUALITY MAP - BENZENE

905 EAST MAIN STREET
WATERTOWN, WISCONSIN

FIGURE

2



Well Location	TW-2	
Date	1/23/20	1/23 Dup
Benzene (µg/L)	<i>0.81 "J"</i>	0.81 "J"

Well Location	TW-3
Date	1/23/20
Benzene (µg/L)	<0.48

Well Location	TW-1
Date	1/23/20
Benzene (µg/L)	<0.48

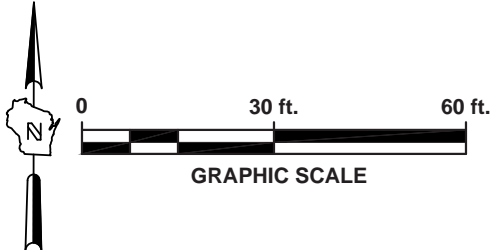
APPROXIMATE SUBJECT PROPERTY BOUNDARY

LEGEND

- ✖ Sigma Soil Boring (SGP-)
- ⊕ Soil Boring / Temporary Monitoring Well (SGP-/TW-)

ANALYTICAL KEY

- = Estimated extent of benzene groundwater impacts greater than NR 140 PAL
 - "J" = Analyte detected between Limit of Detection and Limit of Quantitation.
 - ITALICS* = Concentration exceeds NR 140 PAL
- All concentrations reported in micrograms per liter (µg/L)



Project : 18701
 Directory : CAD
 Filename : 18701_Master Map_vertical 11x17.ai
 Created By : ESP
 Date : 03/03/2020

Image Source:
Jefferson County Geographic Information System



GROUNDWATER QUALITY MAP - BENZENE

905 EAST MAIN STREET
WATERTOWN, WISCONSIN

FIGURE

3

ATTACHMENT A

UST Assessment Report

General Engineering
Company
P.O. Box 340
916 Silver Lake Drive
Portage, WI 53901



Engineers • Consultants • Inspectors

608-742-2169 (Office)
608-742-2592 (Fax)
gec@generalengineering.net
www.generalengineering.net

October 19, 2018

Erin O Brien (e-mail)
Wisconsin Department of Agriculture, Trade, and Consumer Protection

RE: Underground Storage Tank Site Assessment
Former Marathon Station
905 E. Main Street
Watertown, Jefferson County, Wisconsin

Dear Erin,

Attached with this letter are the Tank System Service Closure Assessment Forms Part A and B, and corresponding documents, for the removal of three (3) underground storage tanks (USTs) including two (2) 8,000-gallon unleaded gasoline USTs, one 12,000-gallon unleaded gasoline UST, three associated dispensers, and piping from the property located at 905 E Main Street, Watertown, Jefferson County, Wisconsin. A Site Location Map and Site Plan Map are included in Appendix B.

The property is a triangular property, located at the intersection of College Avenue and East Main Street, in the City of Watertown. The property is occupied by one main single-story structure that formerly operated as a gasoline station. A smaller storage shed water located west/northwest of the structure. A canopy that formerly covered the three dispensers was demolished for the purpose of removing the three tanks, just west/northwest of the canopy.

On September 21, 2018, Schaper Excavating and Petroleum of Pardeeville, Wisconsin properly cleaned and removed the USTs, piping, and dispensers. The USTs and piping were constructed of fiberglass material and appeared to be in good condition with no obvious indications of holes or leaks. Upon removal of the USTs groundwater was present within the excavation. No obvious sheen or product was observed on the groundwater within the excavation. No bottom samples were required due to the presence of groundwater within the excavation.

As part of the UST site assessment, 13 soil samples were collected from the sidewalls of the tank excavation at depths ranging from 5 to 6 feet below the ground surface (bgs); soil samples were also collected beneath the dispensers and piping at depths of 3 to 4 feet bgs. The tank and dispenser soil samples were collected from natural soils consisting of brown/reddish brown silt and clay, with some sand and gravel. Site Photographs are located in Appendix C. Sample locations are shown in Appendix B on the Site Plan Map.

A total of 13 soil samples were collected during the tank site assessment and analyzed by Synergy Laboratories, a State Certified Laboratory, for the presence of petroleum volatile

Underground Storage Tank Site Assessment Results
3610 County Road N
Town of Barnes, Bayfield County, Wisconsin

organic compounds (PVOCs) and naphthalene. Soil samples collected from the western dispenser at a depth of approximately 4 feet bgs indicated several PVOC compounds and naphthalene above the Wisconsin Administrative Code NR 720 soil to groundwater and direct contact Residual Contaminant Levels (RCLs), such as benzene 9300 micrograms per kilogram (ug/kg), ethylbenzene at 26400 ug/kg, naphthalene at 13400 ug/kg, toluene at 108000, total trimethylbenzenes at 104200, and total xylenes at 146000. In addition, benzene was detected beneath the center dispenser, the eastern dispenser and the eastern wall above the NR 720 soil to groundwater RCL at concentrations of 174 ug/kg, 181 ug/kg and 118 ug/kg, respectively. Other PVOC compounds were detected in samples collected but were below the NR 720 RCLs. Analytical results along with chain of custody documentation are included in Appendix D and are summarized on Table 1 in Appendix E.

A leaking underground storage tank activity (BRRTs Number 03-28-542497) was reviewed on the WDNR database. A notice of petroleum contamination was reported to the WDNR on February 16, 2005. The activity was closed with no continuing obligations on May 9, 2006. No further information was readily available on the database. Therefore, based on the samples collected during the tank site assessment it appears a release has occurred, primarily beneath the dispenser. It is recommended the WDNR be notified of a release.

Please feel free to contact me if you have any further questions, or if additional information is needed.

Respectfully Submitted,

GENERAL ENGINEERING COMPANY



Lynn M. Bradley
Environmental Project Manager

Attachments:

- A – Tank Registration and System Service & Closure Assessment Forms Part A and B
- B – Figures
- C – Photographs
- D – Analytical Results and Chain of Custody Documentation
- E – Table

c: Schaper Excavating and Petroleum
WDNR – Remediation and Redevelopment, South-central Region

APPENDIX A
TANK SYSTEM CLOSURE ASSESSMENT –
PART A & PART B



Wisconsin Department of Agriculture, Trade and Consumer Protection
 Bureau of Weights and Measures
 P.O. Box 7837, Madison, WI 53707-7837
 (608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICIAL USE ONLY

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Complete One Form for Each System Service Event

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

CHECK ONE: UNDERGROUND ABOVEGROUND

Part A - To be completed by contractor performing repair or closure

A. TYPE OF SERVICE CLOSURE REPAIR/UPGRADE CHANGE-IN-SERVICE

Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed

Remote fill Tank Piping Transition/containment sump Spill bucket Dispenser

B. IDENTIFICATION

OWNER INFORMATION

OWNER NAME Boparal LLC.	CONTACT NAME	TITLE
MAILING ADDRESS 905 E Main St	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Watertown	STATE ZIP WI 53094
TELEPHONE: () -	E-MAIL	

SITE INFORMATION

FACILITY NAME Marathon		
SITE ADDRESS (Not PO Box) 905 E. Main St	<input checked="" type="checkbox"/> CITY <input type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Watertown	STATE ZIP WI 53094

SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above Schaperexcavating & Petroleum LLC	TELEPHONE: (608) 429 - 2300	CELL: (608) 617 - 4812
STREET ADDRESS W4398 Cty E	<input type="checkbox"/> CITY <input checked="" type="checkbox"/> TOWN <input type="checkbox"/> VILLAGE Scott	STATE ZIP WI 53954

C. TANK SYSTEM DETAIL. (Complete for all service activities)

a	b	c	d	e	f	g	h
Tank ID #	Type of Closure ¹	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents ²	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	If "Yes" to "g", Then Specify Source and Cause of Release ³
						<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Source of Release ³ Cause of Release ³
34797	P	FG	FG	10,000	UG	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
34735	P	FG	FG	8,000	UG	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
34892	P	FG	FG	8,000	UG	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	
						<input type="checkbox"/> Yes <input type="checkbox"/> No	

- Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place
- Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (Indicate the chemical name(s))
- CAS number(s):
- Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown
- Cause of release:
S = spill, O = overflow, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown
- Has release been reported to the Department of Natural Resources? Yes No Release not evident at this time

Part A Distribution: DATCP DNR Inspector Contractor Owner

D. CLOSURES (Check applicable box at right in response to all statements in section D)

Written notification was provided to the local agent 5 days in advance of closure date. Yes No

All local permits were obtained before beginning closure. Yes No NA

UST Form TR-WM-137 or AST Form TR-WM-118 filed by owner with the DATCP indicating closure. Yes No NA

NOTE: TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST

D.1 TEMPORARILY OUT-OF-SERVICE

1. Product removed.

- a. Product lines drained into tank (or other container) and liquid removed, and
- b. All product removed to bottom of suction line, OR
- c. All product removed to within 1" of bottom.

- 2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.
- 3. All product lines at the islands or pumps located elsewhere are removed and capped, OR
- 4. Dispensers/pumps left in place but locked and power disconnected.
- 5. Vent lines left open.
- 6. Inventory form filed indicating temporarily out-of-service (TOS) closure

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

D.2 CLOSURE BY REMOVAL OR IN-PLACE

1. General Requirements

- a. Product from piping drained into tank (or other container).
- b. Piping disconnected from tank and removed.
- c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.
- d. All pump motors and suction hoses bonded to tank or otherwise grounded.
- e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.
- f. Vent lines left connected until tanks purged.
- g. Tank openings temporarily plugged so vapors exit through vent.
- h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.

2. Specific Closure-by-Removal Requirements

- a. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.
- b. Tank cleaned before being removed from site
- c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.

NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS, VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL

- d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site
- e. Site security is provided while the excavation is open.

3. Specific Closure-In-Place Requirements

NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.

- a. Tank properly cleaned to remove all sludge and residue.
- b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank fitted.
- c. Vent line disconnected or removed.
- d. Inventory form filed by owner with the DATCP indicating closure in-place

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

E. REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 5 days in advance of service date

All local permits were obtained before beginning service

Form TR-WM-137 or 0 TR-WM-118 filed by owner with the DATCP indicating change-in-service

Remover Verified	Inspector Verified	Inspector Not Present	NA
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/>	<input type="checkbox"/>

F. METHOD OF VAPOR FREEING OF TANK

Displacement of vapors by eductor or diffused air blower.

Eductor driven by compressed air, bonded and drop tube left in place, vapors discharged minimum of 12 feet above ground

Inert gas using dry ice or liquid carbon dioxide

Inert gas using CO2 or N2 **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT**

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.

Gas introduced under low pressure not to exceed 6 psig to reduce static electricity. Gas introducing device grounded.

Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.

Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

Calorimetric combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

Distribution: DATCP DNR Inspector Contractor Owner

G. REMOVER/CLEANER INFORMATION

Richard Schaper

Richard V. Schaper

401583

9/19/2018

REMOVER/CLEANER NAME (PRINT):

REMOVER/CLEANER SIGNATURE

CERTIFICATION NO

DATE SIGNED

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with ATCP 93

Company expected to perform soil contamination assessment: General Engineering

H. INSPECTOR INFORMATION

Erin O'Brien

E. O'Brien

402106

DATCP

INSPECTOR NAME (PRINT):

INSPECTOR SIGNATURE

INSPECTOR CERTIFICATION NO

LPO AGENCY #

2809

(920) 97-2273

10/1/18

FDID # FOR LOCATION WHERE INSPECTION PERFORMED

INSPECTOR TELEPHONE NUMBER

DATE SIGNED

INSPECTOR NOTES:

Distribution: DATCP DNR Inspector Contractor Owner

Part B – To be completed by environmental professional - Submit original Part B to the WDNR along with a copy of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

SITE NAME - Note: SITE NAME and address MUST MATCH with Part A Section 1.

Marathon Station

SITE ADDRESS (Not PO Box)

905 E Main Street

CITY TOWN VILLAGE

Watertown

STATE

WI

ZIP

53094

To determine if a TSSA is required, see ATCP 93 and section II part B of ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

If a TSSA is required, then follow the procedures detailed in ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS

1. Site Information

a. Has there been a previously documented release at this site? Y N

If yes, provide the DATCP # _____ or DNR BRRT's # 03-28-542497

b. Number of active tanks at facility prior to completion of current services: USTs 3 ASTs _____

(NOTE 1: Do not include previously closed systems or system components.)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1	40	30	11

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: Yes No b. Petroleum odor: Yes No c. Water in excavation/trench: Yes No

d. Free product in the excavation/trench: Yes No e. Sheen or free product on water: Yes No

3. Geology/Hydrogeology

a. Depth to groundwater 7 feet b. Indicate type of geology? Silt/Clay

4. Receptors

a. Water supply well(s) within 250 feet of the facility? Yes No If yes, specify: _____

b. Surface water(s) within 1000 feet of the facility? Yes No If yes, specify: _____

5. Sampling

a. Follow the procedures detailed in ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Soil Samples collected beneath dispenser 1 exhibited a strong petroleum odor. Water was present within the UST excavation. No obvious sheen or free product was observed on the water.

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
SS-1	DISPENSER 1 - WEST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	1327		
SS-2	PRODUCT LINE 1 & 2 (WEST)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0		
SS-3	DISPENSER 2 - CENTER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	32		
SS-4	PRODUCT LINE 2 & 3 (EAST)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0		
SS-5	DISPENSER 3 - EAST	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	71		
SS-6	N WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	64		
SS-7	E/NE WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	18		
SS-8	EAST WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	66		
SS-9	SOUTH WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0		
SS-10	W/SW WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
SS-11	NW WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
SS-12	WEST WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0		
SS-13	W/NW WALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	10		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

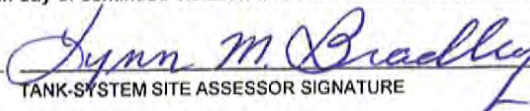
Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
SS-1	9300	108000	26400	<250	104200	146000	13400
SS-2	<25	83	<25	<25	<67J	111	38J
SS-3	174	750	51	<36	<106	304	25.8J
SS-4	<25	<25	<25	<25	<50	<75	<25
SS-5	181	720	55	<25	<91.5J	306	60.6J
SS-6	<25	<25	<25	<25	<50	<75	<25
SS-7	<25	29.7J	<25	<25	<50	<75	<25
SS-8	118	330	<25	<25	<50	99	<25
SS-9	<25	<25	<25	<25	<50	<75	<25
SS-10	<25	<25	<25	<25	<50	<75	<25
SS-11	<25	<25	<25	<25	<50	<75	<25
SS-12	<25	<25	<25	<25	<50	<75	<25
SS-13	<25	27.2J	<25	<25	<50	<75	<25

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

As a tank-system site assessor certified under Wis. Admin. Code section SPS 305.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.

Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of \$10 and a maximum of \$5000 for each violation under Wis. Stats. Section 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

Lynn Bradley



401232

TANK-SYSTEM SITE ASSESSOR NAME (PRINT):

TANK-SYSTEM SITE ASSESSOR SIGNATURE

CERTIFICATION NO.

(608) 742 - 2169

10/19/2018

General Engineering Company

TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER

DATE SIGNED

COMPANY NAME

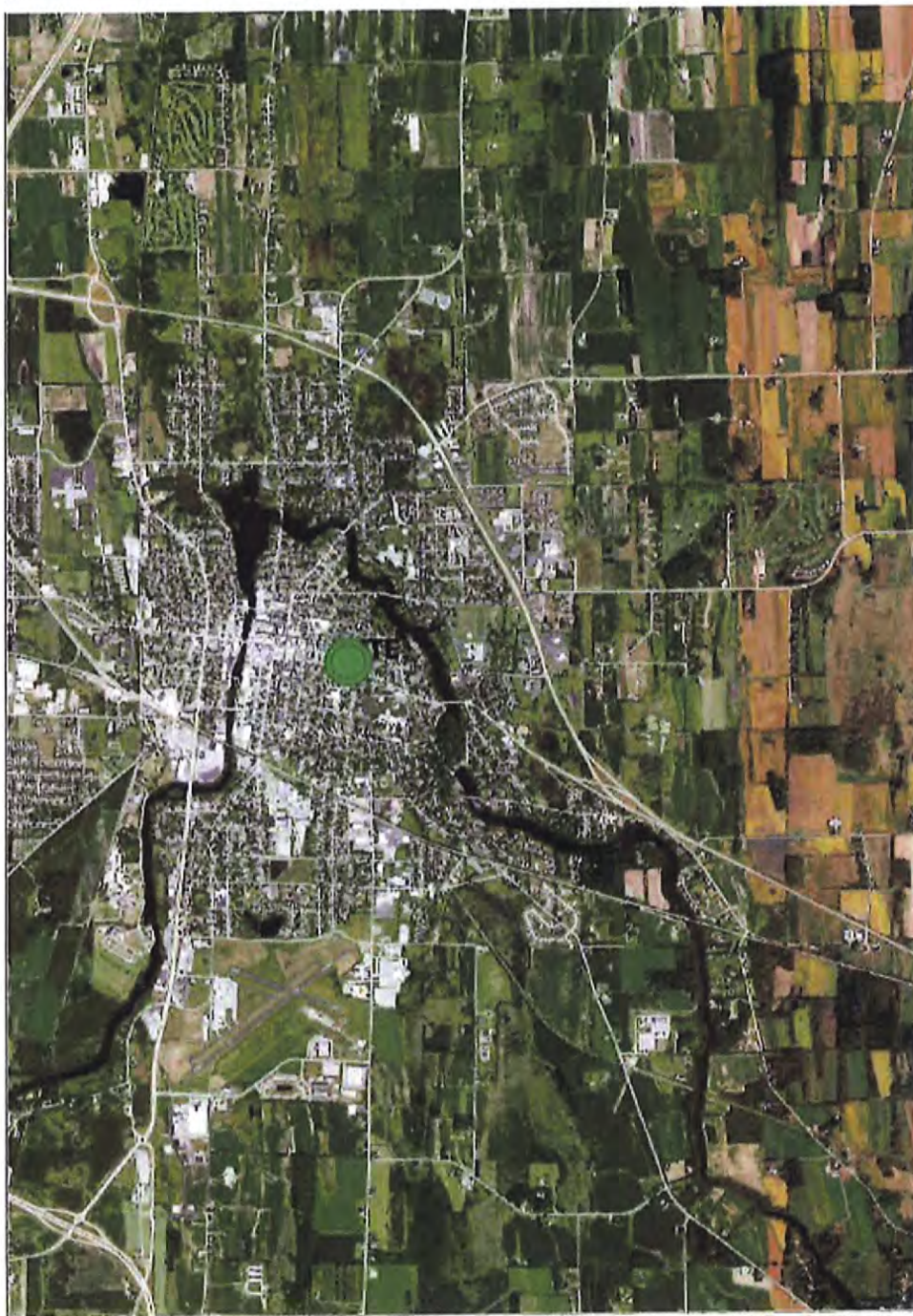
This document can be made available in alternate formats to individuals with disabilities upon request.

Distribution: DATCP DNR Inspector Contractor Owner

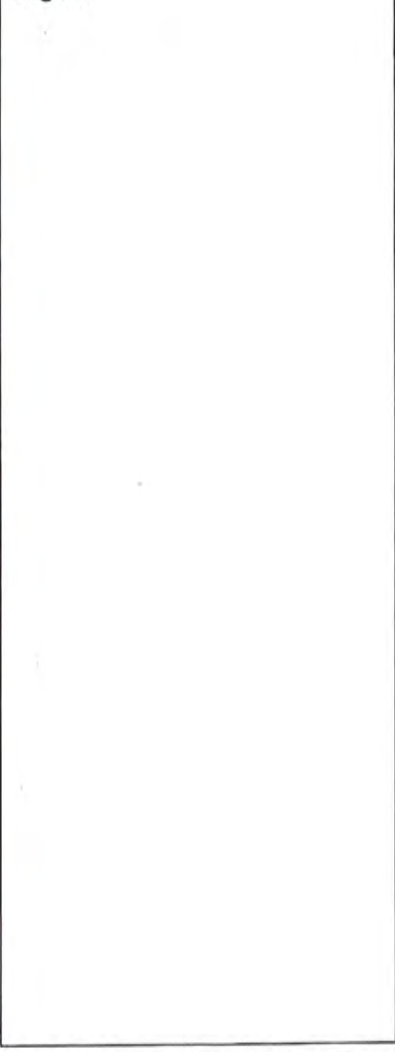
APPENDIX B
SITE FIGURES/MAPS



REGIONAL SITE LOCATION MAP



Legend



1.5 0 Distance / 2 1.5 Miles

1: 47,520



NAD_1983_HARN_Wisconsin_TM

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>

Note: Not all sites are mapped.

Notes



WATER TOWN WI

Write a description for your map.



WAKARUSA WATER TOWN WI

Write a description for your map.



3 TANKS UNLEADED GAS
10,000-GALLON
8,000-GALLON
6,000-GALLON

APPENDIX C
SITE PHOTOGRAPHS



PHOTOGRAPH OF THE ARE OF THE FORMER DISPENSERS AND CANOPY



8,000-GALLON UNLEADED GASOLINE UST
PHOTOGRAPH OF DISPENSER AREA



PHOTOGRAPH OF THE WATER BENEATH 8,000-GALLON UST IN THE EXCAVATION



PHOTOGRAPH OF THE 2ND 8,000-GALLON UNLEADED GASOLINE UST



PHOTOGRAPH OF THE 10,000-GALLON UNLEADED GASOLINE UST



PHOTOGRAPH OF EXCAVATION AFTER THE 10,000-GALLON TANK REMOVAL

APPENDIX D
ANALYTICAL RESULTS AND
CHAIN OF CUSTODY

Synergy Environmental Lab, INC

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

LYNN BRADLEY
GENERAL ENGINEERING
916 SILVER LAKE DRIVE
PORTAGE, WI 53901

Report Date 08-Oct-18

Project Name FMR MARATHON
Project #

Invoice # E35257

Lab Code 5035257A
Sample ID SS-1 DISP 1 W
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.7	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	9.3	mg/kg	0.095	0.3	10	GRO95/8021		10/6/2018	CJR	1
Ethylbenzene	26.4	mg/kg	0.16	0.5	10	GRO95/8021		10/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.25	mg/kg	0.11	0.34	10	GRO95/8021		10/6/2018	CJR	1
Naphthalene	13.4	mg/kg	0.22	0.7	10	GRO95/8021		10/6/2018	CJR	1
Toluene	108	mg/kg	0.13	0.41	10	GRO95/8021		10/6/2018	CJR	1
1,2,4-Trimethylbenzene	80	mg/kg	0.19	0.6	10	GRO95/8021		10/6/2018	CJR	1
1,3,5-Trimethylbenzene	24.2	mg/kg	0.096	0.31	10	GRO95/8021		10/6/2018	CJR	1
m&p-Xylene	104	mg/kg	0.13	0.42	10	GRO95/8021		10/6/2018	CJR	1
o-Xylene	42	mg/kg	0.062	0.2	10	GRO95/8021		10/6/2018	CJR	1

Project Name FMR MARATHON
Project #

Invoice # E35257

Lab Code 5035257B
Sample ID SS-2 PROD LINE 1&2
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.7	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	0.038 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.083	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	0.042 "J"	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	0.070	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	0.041	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Lab Code 5035257C
Sample ID SS-3 DISP 2 C
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.3	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.174	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	0.051	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	0.0258 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.75	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	0.081	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	0.193	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	0.111	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Project Name FMR MARATHON
Project #

Invoice # E35257

Lab Code 5035257D
Sample ID SS-4 PROD LINE 2&3
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.2	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Lab Code 5035257E
Sample ID SS-5 DISP 3 E
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	79.3	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.181	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	0.055	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	0.0306 "J"	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.72	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	0.062	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	0.0295 "J"	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	0.192	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	0.114	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Project Name FMR MARATHON
Project #

Invoice # E35257

Lab Code 5035257F
Sample ID SS-6 N WALL
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.8	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Lab Code 5035257G
Sample ID SS-7 E/NE WALL
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.5	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.0297 "J"	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Project Name FMR MARATHON
Project #

Invoice # E35257

Lab Code 5035257H
Sample ID SS-8 E WALL 6'
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.0	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.118	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.33	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	0.065	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	0.034	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Lab Code 5035257I
Sample ID SS-9 S WALL 7'
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.6	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Project Name FMR MARATHON
Project #

Invoice # E35257

Lab Code 5035257J
Sample ID SS-10 W/SW WALL
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.8	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Lab Code 5035257K
Sample ID SS-11 NW WALL
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.3	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Project Name FMR MARATHON
Project #

Invoice # E35257

Lab Code 5035257L
Sample ID SS-12 W WALL
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.4	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/6/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/6/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/6/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021		10/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/6/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/6/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/6/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/6/2018	CJR	1

Lab Code 5035257M
Sample ID SS-13 W/NW WALL
Sample Matrix Soil
Sample Date 9/21/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	83.7	%			1	5021		9/25/2018	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.0095	0.03	1	GRO95/8021		10/5/2018	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021		10/5/2018	CJR	1
Toluene	0.0272 "J"	mg/kg	0.013	0.041	1	GRO95/8021		10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.013	0.042	1	GRO95/8021		10/5/2018	CJR	1
o-Xylene	< 0.025	mg/kg	0.0062	0.02	1	GRO95/8021		10/5/2018	CJR	1

Project Name FMR MARATHON

Invoice # E35257

Project #

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

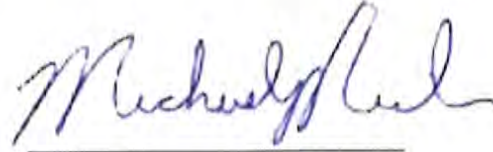
LOQ Limit of Quantitation

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



A handwritten signature in blue ink, appearing to read "Michael J. Paul", is written over a horizontal line.

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)
Normal Turn Around _____

Lab I.D. # _____
Account No.: _____
Quote No.: _____
Project #: Synergy Formerly Maunthon
Sampler: (signature) _____

Project (Name / Location): Formerly Maunthon - Dukes town WI
Reports To: Lynn Bradley
Company: Chemical Engineering
Address: Gate 5114, Lake Dr
City State Zip: Fort St George WI 53910
Phone: 608-742-2169
FAX: 608-742-2592

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation
S085257k	S511 MW/WV	8/11	15:00	S	↓	N	2	S	Matrix
L	S12 W/WV	8/11	15:25	↓	↓	↓	↓	↓	↓
M	S13 W/WV	8/11	15:30	↓	↓	↓	↓	↓	↓

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)			
8-RCRA METALS			

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: SL
Temp. of Temp. Blank: _____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ___ No ___

Relinquished By: (sign) _____ Time _____ Date _____
Received By: (sign) ALS BOLD (RCS) Time: 8:00 Date: 9/25/11
Received in Laboratory By: (signature) _____ Time: 9/25/11

APPENDIX E
TABLE

**TABLE 1
SOIL ANALYTICAL RESULTS TABLE
FORMER MARATHON STATION - WATERTOWN WI
GEC PROJECT # 2-0118-47J**

Sample No.	NR 720 Cancer RCL Non- Industrial	NR 720 Non- Industrial Direct Contact RCL	WDNR Soil to Groundwater RCL	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13
				9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018	9/21/2018
Sampling Date				Disp 1 West	Product Line 1 & 2	Disp 2 C	Product Line 2 & 3	Disp 3 East	N Wall	E/NE Wall	E Wall	S Wall	W/SW Wall	NW Wall	W Wall	W/NW Wall
Sample Description																
Sample Depth (feet)				3	3	3	3	3	6	7	6	7	7	7	7	7
Saturated/Unsaturated				U	U	U	U	U	U	U	U	U	U	U	U	U
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOCS) (µg/kg)																
Benzene	1600	1600	5.1	9300	<25	174	<25	181	<25	<25	118	<25	<25	<25	<25	<25
Ethylbenzene	8020	8020	1570	26400	<25	51	<25	55	<25	<25	<25	<25	<25	<25	<25	<25
Methyl tert-butyl ether	63800	63800	27	<250	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	5520	5520	658	13400	38J	25.8J	<25	30.6J	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	NE	819000	1107	108000	83	750	<25	720	<25	29.7J	330	<25	<25	<25	<25	27.2J
1,2,4-Trimethylbenzene	NE	219000	1382	80000	42J	81	<25	62	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	NE	182000		24200	<25	<25	<25	29.5J	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes, -m, -p	NE	260000	3960	146000	111	304	<75	306	<75	<75	99	<75	<75	<75	<75	<75
Xylenes, -o																

J = Analyte detected above laboratory limit of detection but below limit of quantitation.

Bold indicates analytical results exceed NR 720 RCL.

RCL = Residual Contaminant Level

DCL = Direct-Contact Levels

NA = Parameter not analyzed

NE = NR 720 RCL not established

ATTACHMENT B

Site Photographs

West Dispenser Area Photos



Photo 1: View of former west dispenser looking south from E. Main St.

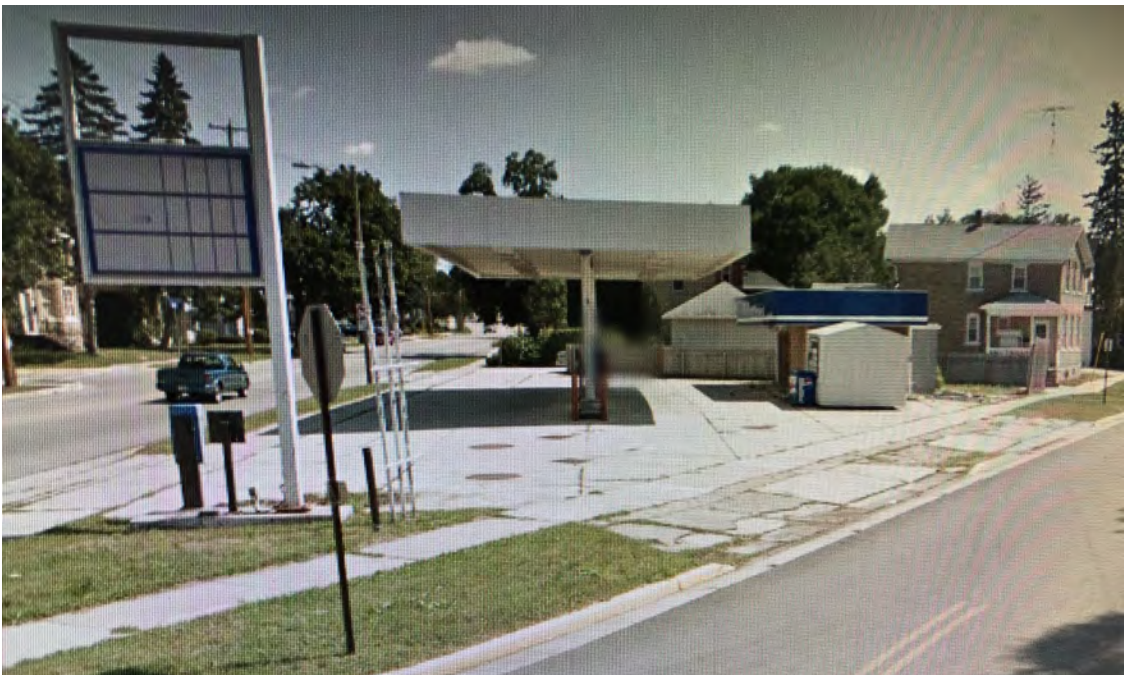



Photo 2: View of former west dispenser looking east from College Avenue.

 <p>THE SIGMA GROUP Single Source. Sound Solutions.</p>	<p>FORMER MARATHON STATION</p> <p>905 E. MAIN STREET WATERTOWN, WISCONSIN</p>	<p>PHOTO</p> <p>Page 1</p>
--	--	-----------------------------------

West Dispenser Area Photos



Photo 3: View of former west dispenser looking north from College Avenue.

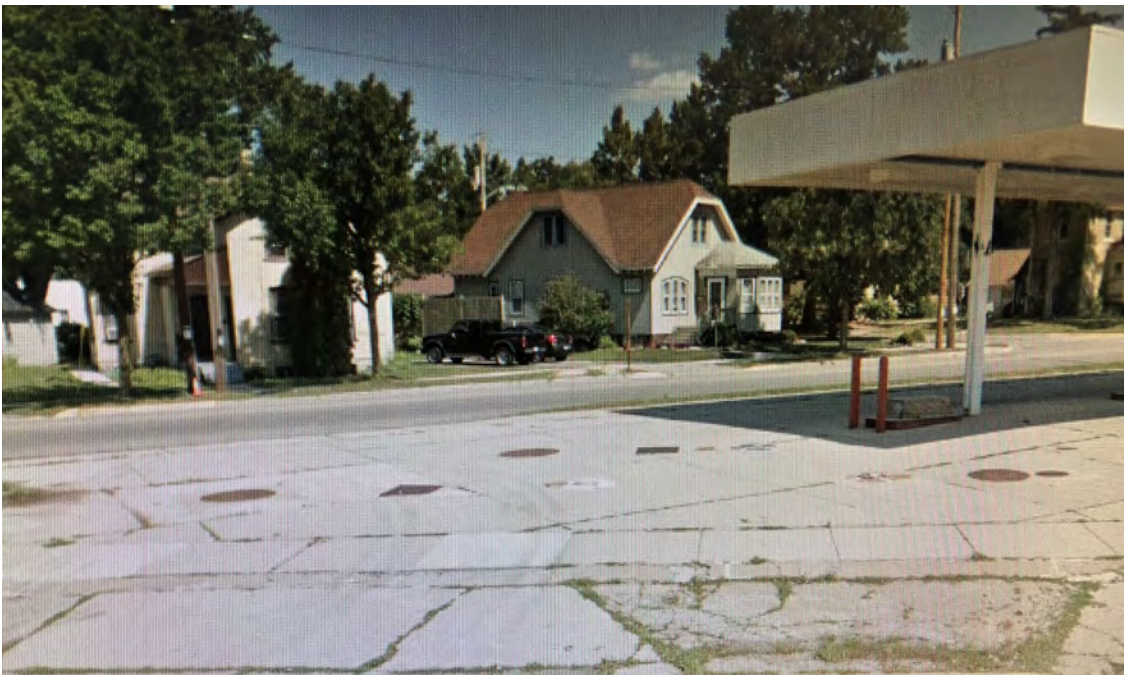


Photo 4: View of former west dispenser looking northeast from College Avenue.

 <p>THE SIGMA GROUP Single Source. Sound Solutions.</p>	FORMER MARATHON STATION	PHOTO
		Page 2

905 E. MAIN STREET
WATERTOWN, WISCONSIN

West Dispenser Area Photos



Photo 5: View of former west dispenser area boring locations. View to north; photograph taken on January 23, 2020.



Photo 6: View of former west dispenser area boring locations. View to west; photograph taken on January 23, 2020.

ATTACHMENT C

Soil Boring Logs

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

Facility/Project Name Marathon Station Former		License/Permit/Monitoring Number 03-28-583075		Boring Number SGP-1	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.		Date Drilling Started 1/23/2020	Date Drilling Completed 1/23/2020	Drilling Method Geoprobe	
WI Unique Well No.	DNR Well ID No.	Common Well Name TW-1	Final Static Water Level Feet MSL	Surface Elevation 839.0 Feet MSL	Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane 437,372 N, 2,311,024 E <input checked="" type="checkbox"/> C/N		Local Grid Location	
NE 1/4 of NE 1/4 of Section 4, T 8 N, R 15 E		Lat _____ "		Feet <input type="checkbox"/> N <input type="checkbox"/> E	
		Long _____ "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 0	County Jefferson	County Code 28	Civil Town/City/ or Village Watertown		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1 GP	60 28	P U S H	1.5	Light grey sandy GRAVEL, dry (FILL)	GW									
			3.0	Brown/grey GRAVEL, dry (FILL) Light brown SAND, moist	GP			0						
2 GP	60 24	P U S H	4.5	Yellowish orange silty SAND, saturated	SW			0						
			6.0											
3 GP	48 36	P U S H	7.5	light grey 12' to 14' bgs	SM			0						
			12.0											
End of boring @ 14' bgs. Temporary monitoring well TW-1 installed to 12' bgs. Borehole abandoned with hydrated bentonite chips following groundwater sampling.													End of Boring	

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


Signature 	Firm The Sigma Group 1300 W Canal St Milwaukee, WI 53233	Tel: 414-643-4200 Fax: 414-643-4210
---------------	---	--

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

Facility/Project Name Marathon Station Former			License/Permit/Monitoring Number 03-28-583075		Boring Number SGP-2	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 1/23/2020		Date Drilling Completed 1/23/2020	
WI Unique Well No.		DNR Well ID No.	Common Well Name TW-2		Surface Elevation 838.6 Feet MSL	
				Final Static Water Level Feet MSL		Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane 437,410 N, 2,311,008 E <input checked="" type="checkbox"/> C/N			Lat <input type="checkbox"/> N <input type="checkbox"/> E			
NE 1/4 of NE 1/4 of Section 4, T 8 N, R 15 E			Long <input type="checkbox"/> S <input type="checkbox"/> W			
Facility ID 0		County Jefferson		County Code 28		Civil Town/City/ or Village Watertown

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	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	GP	60 36	P U S H	1	Light grey sandy GRAVEL, dry (FILL)	GW			0							
				2	Light brown											
				3	Light grey gravelly CLAY, moist, medium soft (FILL)	CL			0							
2	GP	60 30	P U S H	5	Light grey, light brown, and dark grey GRAVEL, moist to saturated (FILL)	GP			1.3							
				8	Greenish grey silty CLAY, wet, 1" dark grey soil ~8' bgs	CL/ML			0.2							
3	GP	24 NR	P U S H	10	End of boring @ 12' bgs. Temporary monitoring well TW-2 installed to 12' bgs. Borehole abandoned with hydrated bentonite chips following groundwater sampling.											End of Boring

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

Signature  Firm **The Sigma Group** Tel: 414-643-4200
1300 W Canal St Milwaukee, WI 53233 Fax: 414-643-4210

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

Facility/Project Name Marathon Station Former		License/Permit/Monitoring Number 03-28-583075		Boring Number SGP-3	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.		Date Drilling Started 1/23/2020		Date Drilling Completed 1/23/2020	
WI Unique Well No.		DNR Well ID No.		Common Well Name TW-3	
Final Static Water Level Feet MSL		Surface Elevation 839.5 Feet MSL		Borehole Diameter 2.0 inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane 437,396 N, 2,311,040 E <input checked="" type="checkbox"/> C/N		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 4, T 8 N, R 15 E		Lat _____"		Long _____"	
Facility ID 0		County Jefferson		County Code 28	
				Civil Town/City/ or Village Watertown	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	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 GP	60 38	P U S H	1	Light grey sandy GRAVEL, dry (FILL)	GW			0							
			2												
			3	Yellowish orange SAND with occasional silt, dry (FILL)	SW			0.2							Lab Sample (3-4') PVOCs+N
			4												
2 GP	60 30	P U S H	5					0.2							
			6	Light grey sandy GRAVEL, dry (possible former concrete) (FILL)	GW										
			7	Light brown coarse SAND, moist	SP			0							Lab Sample (7-8') PVOCs+N
			8	Yellowish orange silty SAND to sandy SILT, moist to wet ~8' bgs, soft											
			9												
3 GP	24 24	P U S H	10		SM			0.5							
			11												
			12	End of boring @ 12' bgs. Temporary monitoring well TW-3 installed to 12' bgs. Borehole abandoned with hydrated bentonite chips following groundwater sampling.											End of Boring

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

Signature  Firm **The Sigma Group** 1300 W Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

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

Facility/Project Name Marathon Station Former			License/Permit/Monitoring Number 03-28-583075		Boring Number SGP-4	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 1/23/2020		Date Drilling Completed 1/23/2020	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level Feet MSL
						Surface Elevation 839.6 Feet MSL
						Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane 437,401 N, 2,311,044 E <input checked="" type="checkbox"/> C/N			Lat _____ "		<input type="checkbox"/> N <input type="checkbox"/> E	
NE 1/4 of NE 1/4 of Section 4, T 8 N, R 15 E			Long _____ "		Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID 0		County Jefferson		County Code 28		Civil Town/City/ or Village Watertown

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1 GP	60 36	P U S H	1	Light grey sandy GRAVEL, dry (FILL)	GW			0							
			2	Yellowish orange SAND with occasional silt, dry (FILL)	SW/SM			0						Lab Sample (2-3') PVOCs+N	
2 GP	36 26	P U S H	5					0							
			6	Light grey sandy GRAVEL (poss. former concrete), dry (FILL)	GW			0							
			7	Light brown silty SAND, coarse, moist	SM										
			8	End of boring @ 8' bgs. Borehole abandoned with hydrated bentonite chips.										End of Boring	

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

Signature *EW SRK* Firm **The Sigma Group** 1300 W Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

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

Facility/Project Name Marathon Station Former			License/Permit/Monitoring Number 03-28-583075		Boring Number SGP-5	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 1/23/2020		Date Drilling Completed 1/23/2020	
WI Unique Well No.		DNR Well ID No.	Common Well Name		Final Static Water Level Feet MSL	Surface Elevation 839.3 Feet MSL
						Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane 437,402 N, 2,311,035 E <input checked="" type="checkbox"/> S/C/N			Lat _____ "			<input type="checkbox"/> N <input type="checkbox"/> E
NE 1/4 of NE 1/4 of Section 4, T 8 N, R 15 E			Long _____ "			Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W
Facility ID 0		County Jefferson		County Code 28	Civil Town/City/ or Village Watertown	

Sample	Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	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	GP	60 36	P U S H	1	Light grey to tan sandy GRAVEL, dry (FILL)	GW			0								
				2													
				3					0								
				4													
				5													
2	GP	36 26	P U S H	6	Yellowish orange silty SAND, moist to wet, slight hydrocarbon odor	SM			0								
				7													
				8	End of boring @ 8' bgs. Borehole abandoned with hydrated bentonite chips.				20.2								Lab Sample (7-8') PVOCs+N End of Boring

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

Signature *EWS RK* Firm **The Sigma Group** 1300 W Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

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

Facility/Project Name Marathon Station Former			License/Permit/Monitoring Number 03-28-583075		Boring Number SGP-6	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 1/23/2020		Date Drilling Completed 1/23/2020	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level Feet MSL
						Surface Elevation 839.5 Feet MSL
						Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane 437,392 N, 2,311,037 E <input checked="" type="checkbox"/> C/N			Lat _____ "		<input type="checkbox"/> N <input type="checkbox"/> E	
NE 1/4 of NE 1/4 of Section 4, T 8 N, R 15 E			Long _____ "		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 0		County Jefferson		County Code 28	Civil Town/City/ or Village Watertown	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1 GP	60 40	P U S H	1	Light grey sandy GRAVEL, dry (FILL)	GW			0							
			2	Yellowish orange SAND, dry, trace gravel (FILL)	SW			0						Lab Sample (2-3') PVOCs+N, Soil Duplicate collected	
2 GP	36 28	P U S H	5					0							
			6	Light grey to light yellow gravel (possible former concrete), dry (FILL)	GW			0							
			7	Light brown to yellowish orange silty SAND, moist to saturated~7.5' bgs, 2" siltier layer at 6.25'	SM										
			8	End of boring @ 8' bgs. Borehole abandoned with hydrated bentonite chips.										End of Boring	

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

Signature *EW SPR* Firm **The Sigma Group** 1300 W Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

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

Facility/Project Name Marathon Station Former			License/Permit/Monitoring Number 03-28-583075		Boring Number SGP-7	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 1/23/2020		Date Drilling Completed 1/23/2020	
WI Unique Well No.		DNR Well ID No.		Common Well Name		Final Static Water Level Feet MSL
						Surface Elevation 839.7 Feet MSL
						Borehole Diameter 2.0 inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location			
State Plane 437,392 N, 2,311,044 E <input checked="" type="checkbox"/> C/N			Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
NE 1/4 of NE 1/4 of Section 4, T 8 N, R 15 E			Long _____"		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID 0		County Jefferson		County Code 28	Civil Town/City/ or Village Watertown	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	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 GP	60 46	P U S H	1	Light grey sandy GRAVEL, dry (FILL)	GW			0							
			2	Yellowish orange SAND, dry to moist, intermixed grey gravel 5.5 to 6 ft bgs (possible former concrete) (FILL)	SW			0							Lab Sample (2-3') PVOCs+N
2 GP	36 28	P U S H	7	Light brown to yellowish orange sandy SILT, medium soft, moist to saturated ~7.5' bgs	ML			0							
			8	End of boring @ 8' bgs. Borehole abandoned with hydrated bentonite chips.											End of Boring


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

Signature Firm **The Sigma Group** 1300 W Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

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/Redevelopment Other

Facility/Project Name Marathon Station Former			License/Permit/Monitoring Number 03-28-583075		Boring Number SGP-8	
Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi On-Site Environmental Services, Inc.			Date Drilling Started 1/23/2020		Date Drilling Completed 1/23/2020	
WI Unique Well No.		DNR Well ID No.	Common Well Name		Final Static Water Level Feet MSL	Surface Elevation 839.2 Feet MSL
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane 437,407 N, 2,311,027 E S/C/N		Lat <input type="checkbox"/> ° <input type="checkbox"/> ' <input type="checkbox"/> "		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 4, T 8 N, R 15 E		Long <input type="checkbox"/> ° <input type="checkbox"/> ' <input type="checkbox"/> "		Feet <input type="checkbox"/> S		Feet <input type="checkbox"/> W
Facility ID 0		County Jefferson	County Code 28	Civil Town/City/ or Village Watertown		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	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 GP	60 41	P U S H	1 2 3 4	Light grey to light yellow sandy GRAVEL, dry (FILL)				0							
			5		GW			0							
2 GP	36 18	P U S H	6 7	moist to saturated ~ 7.75' bgs					0						
			8	End of boring @ 8' bgs. Borehole abandoned with hydrated bentonite chips.					0						
															Lab Sample (7-8') PVOCs+N End of Boring

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

Signature *EW SPA* Firm **The Sigma Group** 1300 W Canal St Milwaukee, WI 53233 Tel: 414-643-4200 Fax: 414-643-4210

ATTACHMENT D

Abandonment Forms

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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 this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal
SGP-1

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

1. Well Location Information				2. Facility / Owner Information			
County Jefferson		WI Unique Well # of Removed Well		Hicap #		Facility Name Marathon Station Former	
Latitude / Longitude (Degrees and Minutes) " ' N " ' W				Method Code (see instructions)		Facility ID (FID or PWS) 0	
¼ / ¼ NE		¼ NE		Section 4		Township 8	
or Gov't Lot #				Range 15		<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 905 E. Main Street				Present Well Owner Jefferson County			
Well City, Village or Town Watertown				Mailing Address of Present Owner 311 S Center Ave			
Subdivision Name				Well ZIP Code		City of Present Owner Jefferson	
				Lot #		State WI	
						ZIP Code 53549	

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
Reason For Removal From Service No Further Use		WI Unique Well # of Replacement Well		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole / Borehole		Original Construction Date 1/23/2020		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify)		If a Well Construction Report is available, please attach.		Screen removed? <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				Casing left in place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft) 12.0		Casing Diameter (in.)		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Lower Drillhole Diameter (in.) 2.0		Casing Depth (ft.)		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		Depth to Water (feet)		Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
If yes, to what depth (feet)?				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	
				Required Method of Placing Sealing Material	
				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured <input type="checkbox"/> Other (Explain) (Bentonite Chips)	
				Sealing Materials	
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.) <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " " <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips	
				For Monitoring Wells and Monitoring Well Boreholes Only:	
				<input 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
3/8" Bentonite	Surface	14.0		

6. Comments

7. Supervision of Work			DNR Use Only		
Name of Person or Firm Doing Filling & Sealing The Sigma Group, Inc.		License #	Date of Filling & Sealing (mm/dd/yyyy) 1/23/2020	Date Received	Noted By
Street or Route 1300 W. Canal Street			Telephone Number 414-643-4200	Comments	
City Milwaukee	State WI	ZIP Code 53233	Signature of Person Doing Work <i>[Signature]</i>	Date Signed 1/29/20	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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 this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal
SGP-2

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

1. Well Location Information				2. Facility / Owner Information			
County Jefferson		WI Unique Well # of Removed Well		Hicap #		Facility Name Marathon Station Former	
Latitude / Longitude (Degrees and Minutes) ° ' " N ° ' " W				Method Code (see instructions)		Facility ID (FID or PWS) 0	
¼ / ¼ NE		¼ NE		Section 4		License/Permit/Monitoring # 03-28-583075	
or Gov't Lot #		Township 8		Range 15		Original Well Owner Jefferson County	
Well Street Address 905 E. Main Street		Well City, Village or Town Watertown		Well ZIP Code		Present Well Owner Jefferson County	
Subdivision Name		Lot #		City of Present Owner Jefferson		Mailing Address of Present Owner 311 S Center Ave	
				State WI		ZIP Code 53549	

Reason For Removal From Service: No Further Use

WI Unique Well # of Replacement Well:

3. Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date 1/23/2020		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 type="checkbox"/> Drillhole / Borehole				Screen removed?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Casing left in place?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Other (Specify)				Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input 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) 12.0		Casing Diameter (in.)		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.)		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		Depth to Water (feet)		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)?				Required Method of Placing Sealing Material			
				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
				<input checked="" type="checkbox"/> Screened & Poured <input type="checkbox"/> Other (Explain)			
				(Bentonite Chips)			
				Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "			
				<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips			
				For Monitoring Wells and Monitoring Well Boreholes Only:			
				<input 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
3/8" Bentonite	Surface	12.0		

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing The Sigma Group, Inc.		License #	Date of Filling & Sealing (mm/dd/yyyy) 1/23/2020	Date Received	Noted By
Street or Route 1300 W. Canal Street		Telephone Number 414-643-4200		Comments	
City Milwaukee		State WI	ZIP Code 53233	Signature of Person Doing Work <i>[Signature]</i>	Date Signed 1/29/20

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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 this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal
SGP-3

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

1. Well Location Information				2. Facility / Owner Information			
County Jefferson		WI Unique Well # of Removed Well		Hicap #		Facility Name Marathon Station Former	
Latitude / Longitude (Degrees and Minutes) " ' N " ' W				Method Code (see instructions) 0			
1/4 1/4 NE		1/4 NE		Section 4		Township 8	
or Gov't Lot #				Range 15		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 905 E. Main Street				Present Well Owner Jefferson County			
Well City, Village or Town Watertown				Mailing Address of Present Owner 311 S Center Ave			
Subdivision Name				Lot #		City of Present Owner Jefferson	
						State WI	
						ZIP Code 53549	

Reason For Removal From Service
No Further Use

WI Unique Well # of Replacement Well

3. Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date 1/23/2020			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.			
<input type="checkbox"/> Drillhole / Borehole					
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify)		Pump and piping 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		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft) 12.0		Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) 2.0		Casing left in place? <input type="checkbox"/> Yes <input checked="" 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		Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
If yes, to what depth (feet)?		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Depth to Water (feet)		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			
		Required Method of Placing Sealing Material			
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
		<input checked="" type="checkbox"/> Screened & Poured <input type="checkbox"/> Other (Explain)			
		(Bentonite Chips)			
		Sealing Materials			
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "			
		<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips			
		For Monitoring Wells and Monitoring Well Boreholes Only:			
		<input 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
3/8" Bentonite	Surface	12.0		

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing The Sigma Group, Inc.		License #	Date of Filling & Sealing (mm/dd/yyyy) 1/23/2020	Date Received	Noted By
Street or Route 1300 W. Canal Street		Telephone Number 414-643-4200		Comments	
City Milwaukee		State WI	ZIP Code 53233	Signature of Person Doing Work <i>[Signature]</i>	Date Signed 1/29/20

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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 this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal
SGP-4

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

1. Well Location Information **2. Facility / Owner Information**

County: Jefferson
 WI Unique Well # of Removed Well: _____
 Hicap #: _____
 Latitude / Longitude (Degrees and Minutes):
 ° ' " N
 ° ' " W
 ¼ / ¼ NE ¼ NE Section: 4 Township: 8 Range: 15 E W
 or Gov't Lot #: _____
 Well Street Address: 905 E. Main Street
 Well City, Village or Town: Watertown Well ZIP Code: _____
 Subdivision Name: _____ Lot #: _____

Facility Name: Marathon Station Former
 Facility ID (FID or PWS): 0
 License/Permit/Monitoring #: 03-28-583075
 Original Well Owner: Jefferson County
 Present Well Owner: Jefferson County
 Mailing Address of Present Owner: 311 S Center Ave
 City of Present Owner: Jefferson State: WI ZIP Code: 53549

Reason For Removal From Service: No Further Use
 WI Unique Well # of Replacement Well: _____

3. Well / Drillhole / Borehole Information

Monitoring Well
 Water Well
 Drillhole / Borehole
 Original Construction Date: 1/23/2020
 If a Well Construction Report is available, please attach.
 Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (Specify) _____
 Formation Type:
 Unconsolidated Formation Bedrock
 Total Well Depth From Ground Surface (ft): _____ Casing Diameter (in.): _____
 Lower Drillhole Diameter (in.): 2.0 Casing Depth (ft.): _____
 Was well annular space grouted? Yes No Unknown
 If yes, to what depth (feet)? _____ Depth to Water (feet): _____

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? Yes No N/A
 Liner(s) removed? Yes No N/A
 Screen removed? Yes No N/A
 Casing left in place? Yes No N/A
 Was casing cut off below surface? Yes No N/A
 Did sealing material rise to surface? Yes No N/A
 Did material settle after 24 hours? Yes No N/A
 If yes, was hole retopped? Yes No N/A
 If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A
 Required Method of Placing Sealing Material:
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured Other (Explain) _____
 (Bentonite Chips)
 Sealing Materials:
 Neat Cement Grout Clay-Sand Slurry (11 lb./gal. wt.)
 Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " "
 Concrete Bentonite Chips
 For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite 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
3/8" Bentonite	Surface	8.0		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing: The Sigma Group, Inc.	License #: _____	Date of Filling & Sealing (mm/dd/yyyy): 1/23/2020	DNR Use Only	
Street or Route: 1300 W. Canal Street	City: Milwaukee	State: WI	ZIP Code: 53233	Date Received: _____
Telephone Number: 414-643-4200	Signature of Person Doing Work: <i>[Signature]</i>	Comments: _____	Date Signed: 1/29/20	Noted By: _____

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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 this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal
SGP-5

Route to:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other

1. Well Location Information **2. Facility / Owner Information**

County Jefferson	WI Unique Well # of Removed Well	Hicap #	Facility Name Marathon Station Former
Latitude / Longitude (Degrees and Minutes) " ' N " ' W		Method Code (see instructions)	Facility ID (FID or PWS) 0
1/4 / 1/4 NE or Gov't Lot #	Section 4	Township 8	License/Permit/Monitoring # 03-28-583075
Well Street Address 905 E. Main Street	Range 15	Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Original Well Owner Jefferson County
Well City, Village or Town Watertown	Well ZIP Code	Present Well Owner Jefferson County	
Subdivision Name	Lot #	Mailing Address of Present Owner 311 S Center Ave	
Reason For Removal From Service No Further Use		WI Unique Well # of Replacement Well	City of Present Owner Jefferson
			State WI
			ZIP Code 53549

3. Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well	Original Construction Date 1/23/2020	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"/> Drillhole / Borehole		Screen removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify)		Casing left in place?	<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		Was casing cut off below surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft)	Casing Diameter (in.)	Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Lower Drillhole Diameter (in.) 2.0	Casing Depth (ft)	Did material settle after 24 hours?	<input type="checkbox"/> Yes <input checked="" 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	If yes, was hole retopped?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
If yes, to what depth (feet)?	Depth to Water (feet)	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
		Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
		<input checked="" type="checkbox"/> Screened & Poured <input type="checkbox"/> Other (Explain)	
		(Bentonite Chips)	
		Sealing Materials	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "	
		<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips	
		For Monitoring Wells and Monitoring Well Boreholes Only:	
		<input 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
3/8" Bentonite	Surface	8.0		

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Filling & Sealing The Sigma Group, Inc.	License #	Date of Filling & Sealing (mm/dd/yyyy) 1/23/2020	Date Received	Noted By
Street or Route 1300 W. Canal Street	Telephone Number 414-643-4200	Signature of Person Doing Work <i>[Signature]</i>	Comments	
City Milwaukee	State WI	ZIP Code 53233	Date Signed 1/29/20	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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 this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal
SGP-6

Route to:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other

1. Well Location Information **2. Facility / Owner Information**

County Jefferson		WI Unique Well # of Removed Well		Hicap #		Facility Name Marathon Station Former			
Latitude / Longitude (Degrees and Minutes) " ' N " ' W				Method Code (see instructions)		Facility ID (FID or PWS) 0			
1/4 1/4 NE		1/4 NE		Section 4	Township 8	Range 15	<input checked="" type="checkbox"/> E <input type="checkbox"/> W		License/Permit/Monitoring # 03-28-583075
Well Street Address 905 E. Main Street						Original Well Owner Jefferson County			
Well City, Village or Town Watertown						Present Well Owner Jefferson County			
Subdivision Name						Well ZIP Code		Mailing Address of Present Owner 311 S Center Ave	
Lot #						City of Present Owner Jefferson		State WI	ZIP Code 53549

3. Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

Reason For Removal From Service No Further Use		WI Unique Well # of Replacement Well		Pump and piping removed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well		Original Construction Date 1/23/2020		Liner(s) 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.		Screen removed?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Drillhole / Borehole				Casing left in place?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Was casing cut off below surface?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input type="checkbox"/> Other (Specify)				Did sealing material rise to surface?		<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				Did material settle after 24 hours?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Total Well Depth From Ground Surface (ft)		Casing Diameter (in.)		If yes, was hole retopped?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Lower Drillhole Diameter (in.) 2.0		Casing Depth (ft.)		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
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)		Required Method of Placing Sealing Material		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped		
If yes, to what depth (feet)?				<input checked="" type="checkbox"/> Screened & Poured <input type="checkbox"/> Other (Explain)		(Bentonite Chips)		
				Sealing Materials		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)		
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry " "				
				<input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Bentonite Chips				
				For Monitoring Wells and Monitoring Well Boreholes Only:		<input 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
3/8" Bentonite	Surface	8.0		

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing The Sigma Group, Inc.	License #	Date of Filling & Sealing (mm/dd/yyyy) 1/23/2020	Date Received	Noted By
Street or Route 1300 W. Canal Street		Telephone Number 414-643-4200	Comments	
City Milwaukee	State WI	ZIP Code 53233	Signature of Person Doing Work <i>[Signature]</i>	Date Signed 1/29/20

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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 this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal
SGP-7

Route to:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other

1. Well Location Information **2. Facility / Owner Information**

County: Jefferson WI Unique Well # of Removed Well: Hicap #: Latitude / Longitude (Degrees and Minutes): Method Code (see instructions):
 0 ' " N
 0 ' " W
 1/4 NE 1/4 NE Section: 4 Township: 8 Range: 15 E W
 or Gov't Lot #: Well Street Address: 905 E. Main Street
 Well City, Village or Town: Watertown Well ZIP Code: Subdivision Name: Lot #: Reason For Removal From Service: No Further Use WI Unique Well # of Replacement Well: 3. Well / Drillhole / Borehole Information

Facility Name: Marathon Station Former
 Facility ID (FID or PWS): 0
 License/Permit/Monitoring #: 03-28-583075
 Original Well Owner: Jefferson County
 Present Well Owner: Jefferson County
 Mailing Address of Present Owner: 311 S Center Ave
 City of Present Owner: Jefferson State: WI ZIP Code: 53549

Monitoring Well Water Well Drillhole / Borehole
 Original Construction Date: 1/23/2020
 If a Well Construction Report is available, please attach.
 Construction Type: Drilled Driven (Sandpoint) Dug
 Other (Specify) _____
 Formation Type: Unconsolidated Formation Bedrock
 Total Well Depth From Ground Surface (ft): Casing Diameter (in.):
 Lower Drillhole Diameter (in.): 2.0 Casing Depth (ft):
 Was well annular space grouted? Yes No Unknown
 If yes, to what depth (feet)? Depth to Water (feet):

4. Pump, Liner, Screen, Casing & Sealing Material
 Pump and piping removed? Yes No N/A
 Liner(s) removed? Yes No N/A
 Screen removed? Yes No N/A
 Casing left in place? Yes No N/A
 Was casing cut off below surface? Yes No N/A
 Did sealing material rise to surface? Yes No N/A
 Did material settle after 24 hours? Yes No N/A
 If yes, was hole retopped? Yes No N/A
 If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A
 Required Method of Placing Sealing Material:
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured Other (Explain)
 (Bentonite Chips)
 Sealing Materials:
 Neat Cement Grout Clay-Sand Slurry (11 lb./gal. wt.)
 Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " "
 Concrete Bentonite Chips
 For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite 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
3/8" Bentonite	Surface	8.0		

6. Comments

7. Supervision of Work **DNR Use Only**
 Name of Person or Firm Doing Filling & Sealing: The Sigma Group, Inc. License #: Date of Filling & Sealing (mm/dd/yyyy): 1/23/2020
 Street or Route: 1300 W. Canal Street Telephone Number: 414-643-4200 Date Received: Noted By:
 City: Milwaukee State: WI ZIP Code: 53233 Signature of Person Doing Work: *EW SRE* Date Signed: 1/29/20

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, 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 this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal
SGP-8

Route to:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other _____

1. Well Location Information **2. Facility / Owner Information**

County Jefferson	WI Unique Well # of Removed Well	Hicap #	Facility Name Marathon Station Former		
Latitude / Longitude (Degrees and Minutes) " ' N " ' W		Method Code (see instructions)	Facility ID (FID or PWS) 0		
1/4 / 1/4 NE	1/4 NE	Section 4	Township 8	Range 15	License/Permit/Monitoring # 03-28-583075
or Gov't Lot #				<input checked="" type="checkbox"/> E <input type="checkbox"/> W	Original Well Owner Jefferson County
Well Street Address 905 E. Main Street			Present Well Owner Jefferson County		
Well City, Village or Town Watertown		Well ZIP Code		Mailing Address of Present Owner 311 S Center Ave	
Subdivision Name		Lot #		City of Present Owner Jefferson	State WI ZIP Code 53549

4. Pump, Liner, Screen, Casing & Sealing Material

Reason For Removal From Service No Further Use	WI Unique Well # of Replacement Well	Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
3. Well / Drillhole / Borehole Information		Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well	Original Construction Date 1/23/2020	Screen 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.	Casing left in place?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Drillhole / Borehole		Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Construction Type:		Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
<input type="checkbox"/> Other (Specify)	<input type="checkbox"/> Dug	If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Formation Type:		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
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	Required Method of Placing Sealing Material			
Total Well Depth From Ground Surface (ft)	Casing Diameter (in.)	<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped		
Lower Drillhole Diameter (in.)	Casing Depth (ft)	<input checked="" type="checkbox"/> Screened & Poured	<input type="checkbox"/> Other (Explain)		
2.0		(Bentonite Chips)			
Was well annular space grouted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	Sealing Materials			
If yes, to what depth (feet)?	Depth to Water (feet)	<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)		
		<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Bentonite-Sand Slurry " "		
		<input type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Bentonite Chips		

5. Material Used to Fill Well / Drillhole		From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite		Surface	8.0		

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing The Sigma Group, Inc.			License #		Date of Filling & Sealing (mm/dd/yyyy) 1/23/2020		Date Received		Noted By	
Street or Route 1300 W. Canal Street			Telephone Number 414-643-4200		Comments					
City Milwaukee			State WI		ZIP Code 53233		Signature of Person Doing Work <i>EW SKE</i>		Date Signed 1/29/20	

ATTACHMENT E

Soil Laboratory Analytical Report

Synergy Environmental Lab, INC

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

EDWARD PENCAK
THE SIGMA GROUP, INC.
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date 05-Feb-20

Project Name FMR MARATHON STATION
Project # 18701

Invoice # E37420

Lab Code 5037420A
Sample ID SGP-3 3-4
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.1	%			1	5021		1/27/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1

Project Name FMR MARATHON STATION
Project # 18701

Invoice # E37420

Lab Code 5037420B
Sample ID SGP-3 7-8
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	86.3	%			1	5021		1/27/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1

Lab Code 5037420C
Sample ID SGP-4 2-3
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	95.0	%			1	5021		1/27/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1

Project Name FMR MARATHON STATION
Project # 18701

Invoice # E37420

Lab Code 5037420D
Sample ID SGP-5 7-8
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.4	%			1	5021		1/27/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	0.105	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		1/31/2020	CJR	1
Naphthalene	0.046 "J"	mg/kg	0.021	0.067	1	GRO95/8021		1/31/2020	CJR	1
Toluene	0.0251 "J"	mg/kg	0.015	0.049	1	GRO95/8021		1/31/2020	CJR	1
1,2,4-Trimethylbenzene	0.84	mg/kg	0.019	0.059	1	GRO95/8021		1/31/2020	CJR	1
1,3,5-Trimethylbenzene	0.36	mg/kg	0.019	0.061	1	GRO95/8021		1/31/2020	CJR	1
m&p-Xylene	0.077 "J"	mg/kg	0.053	0.17	1	GRO95/8021		1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1

Lab Code 5037420E
Sample ID SGP-6 2-3
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.4	%			1	5021		1/27/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1

Project Name FMR MARATHON STATION
Project # 18701

Invoice # E37420

Lab Code 5037420F
Sample ID SGP-7 2-3
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.4	%			1	5021		1/27/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1

Lab Code 5037420G
Sample ID SGP-8 7-8
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.7	%			1	5021		1/27/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1

Project Name FMR MARATHON STATION
Project # 18701

Invoice # E37420

Lab Code 5037420H
Sample ID DUP
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.0	%			1	5021		1/27/2020	NJC	1
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1

Lab Code 5037420I
Sample ID MEOH BLANK
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8021		1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8021		1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8021		1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8021		1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8021		1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8021		1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8021		1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		1/31/2020	CJR	1

Lab Code 5037420J
Sample ID COMP-1
Sample Matrix Soil
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	88.4	%			1	5021		1/27/2020	NJC	1
Organic										
General										
Gasoline Range Organics	< 10	mg/kg	1.65	5.26	1	GRO95/8021		1/31/2020	CJR	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



A handwritten signature in blue ink, appearing to read "Michael J. Paul", is written over a horizontal line.

CHAIN OF STUDY RECORD

Synergy

Environmental Lab, Inc.

Chain # No 40907
Page 1 of 1

Lab I.D. #

QUOTE #: Standard

Project #: 18701

Sampler: (signature) *Ed S P*

www.synergy-lab.net

1990 Prospect Ct. • Appleton, WI 54914

920-830-2455 • mrsynergy@wi.twcbc.com

Project (Name / Location): Former Marathon Station/Water town, WI

Reports To: EDWARD PENCAK

Company: THE SIGMA GROUP, INC

Address: 1300 W CANAL STREET

City State Zip: MILWAUKEE WI 53233

Phone: 414 643 4200

Email: epencak@thesigmagroup.com

Invoice To:
Company: *SANK*
Address:
City State Zip:
Phone:
Email:

Sample Handling Request

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

Normal Turn Around

Analysis Requested

Other Analysis

Lab I.D.	Sample I.D.	Collection Date	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-FCRA METALS	PID/ FID	
503 H2O A	SGP-3 (3-4)	1/23/20	10:00	N	2	S	1-Meth																0.2	
B	SGP-3 (7-8)		10:00		2	S																		0
C	SGP-4 (2-3)		10:30		2	S																		0
D	SGP-5 (7-8)		10:55		2	S																		20.2
E	SGP-6 (2-3)		11:10		2	S																		0
F	SGP-7 (2-3)		11:30		2	S																		0
G	SGP-8 (7-8)		11:50		2	S																		0
H	DUP	1/23/20			2	S																		
I	MEDH BLK				1																			
J	COMP-1	1/23/20	14:30	N	2	S																		

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

WDNR Project - Provide Lab QA/QC

Sample Integrity - To be completed by receiving lab.

Method of Shipment: GE

Temp. of Temp. Blank: _____ °C On Ice:

Cooler seal intact upon receipt: Yes ___ No

Relinquished By: (sign) *[Signature]* Time 11:00AM 1/24/20 Date 1/24/20

Received By: (sign) _____ Time _____ Date 1/25/20

Received in Laboratory By: *[Signature]*

5037420A-I	GP013120						
analyte	CCV	%RSD	LCS	DLCS	% REC.	RPD	MATRIX B
mtbe	18.21263	-9%	18.79381	19.36786		94	-3.01 ND
benzene	20.56426	3%	21.12469	21.55814		108	-2.03 ND
fluorobenzene	20.21139	1%	20.13049	19.65471		101	2.39 ND
toluene	19.8711	-1%	20.50073	20.90616		103	-1.96 ND
ethylbenzene	18.89234	-6%	19.57146	19.84793		98	-1.40 ND
m&p-xylene	38.08808	-5%	39.54384	39.97542		99	-1.09 ND
1-chloro-2-fluorobenzene	50	150%	50	50		250	0.00 ND
o-xylene	18.88713	-6%	19.4623	19.94189		97	-2.43 ND
1,3,5-trimethylbenzene	19.11495	-4%	19.6964	19.21491		98	2.47 ND
1,2,4-trimethylbenzene	19.73007	-1%	20.41532	19.86002		102	2.76 ND
naphthalene	19.06286	-5%	18.66282	16.81814		93	10.40 ND
GRO	206.000	3%	172.000	184.000		92	-6.74 ND

ATTACHMENT F

Groundwater Laboratory Analytical Report

Synergy Environmental Lab, INC

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

EDWARD PENCAK
THE SIGMA GROUP, INC.
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date 31-Jan-20

Project Name FMR MARATHON STATION
Project # 18701

Invoice # E37421

Lab Code 5037421A
Sample ID TW-1
Sample Matrix Water
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.48	ug/l	0.48	1.54	1	GRO95/8021		1/30/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8021		1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		1/30/2020	CJR	1
Naphthalene	< 0.82	ug/l	0.82	2.59	1	GRO95/8021		1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8021		1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8021		1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8021		1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8021		1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8021		1/30/2020	CJR	1

Project Name FMR MARATHON STATION
Project # 18701

Invoice # E37421

Lab Code 5037421B
Sample ID TW-2
Sample Matrix Water
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.81 "J"	ug/l	0.48	1.54	1	GRO95/8021		1/30/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8021		1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		1/30/2020	CJR	1
Naphthalene	< 0.82	ug/l	0.82	2.59	1	GRO95/8021		1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8021		1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8021		1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8021		1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8021		1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8021		1/30/2020	CJR	1

Lab Code 5037421C
Sample ID TW-3
Sample Matrix Water
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.48	ug/l	0.48	1.54	1	GRO95/8021		1/30/2020	CJR	1
Ethylbenzene	2.05	ug/l	0.55	1.76	1	GRO95/8021		1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		1/30/2020	CJR	1
Naphthalene	< 0.82	ug/l	0.82	2.59	1	GRO95/8021		1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8021		1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8021		1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8021		1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8021		1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8021		1/30/2020	CJR	1

Lab Code 5037421D
Sample ID DUP
Sample Matrix Water
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.81 "J"	ug/l	0.48	1.54	1	GRO95/8021		1/30/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8021		1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		1/30/2020	CJR	1
Naphthalene	0.92 "J"	ug/l	0.82	2.59	1	GRO95/8021		1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8021		1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8021		1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8021		1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8021		1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8021		1/30/2020	CJR	1

Project Name FMR MARATHON STATION
Project # 18701

Invoice # E37421

Lab Code 5037421E
Sample ID EQUIPMENT BLANK
Sample Matrix Water
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.48	ug/l	0.48	1.54	1	GRO95/8021		1/30/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8021		1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		1/30/2020	CJR	1
Naphthalene	< 0.82	ug/l	0.82	2.59	1	GRO95/8021		1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8021		1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8021		1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8021		1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8021		1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8021		1/30/2020	CJR	1

Lab Code 5037421F
Sample ID TRIP BLANK
Sample Matrix Water
Sample Date 1/23/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.48	ug/l	0.48	1.54	1	GRO95/8021		1/30/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8021		1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8021		1/30/2020	CJR	1
Naphthalene	< 0.82	ug/l	0.82	2.59	1	GRO95/8021		1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8021		1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8021		1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8021		1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8021		1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8021		1/30/2020	CJR	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

CHAIN OF STUDY RECORD

Synergy

Environmental Lab, Inc.

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

Chain # No 40906

Page 1 of 1

Sample Handling Request

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

Normal Turn Around

Lab I.D. # _____
 QUOTE #: Standard
 Project #: 18701
 Sampler: (signature) *SSR*
 Project (Name / Location): Former Marathon Station / Watertown, WI
 Reports To: EDWARD PENCAK
 Company: THE SIGMA GROUP, INC.
 Address: 1300 W CANAL STREET
 City State Zip: MILWAUKEE WI 53233
 Phone: 414 643 4200
 Email: epencak@thesigmagroup.com

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
		Date	Time				
5037421 A	TW-1	1/23/20	12:15	N	3	GW	HCl
B	TW-2		12:30	N	3	GW	HCl
C	TW-3		12:45	N	3	GW	HCl
D	DUP			N	3	GW	HCl
E	EQUIPMENT BLK		12:25	N	2		HCl
F	TRIP BLK				1		HCl

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	X		
SULFATE			
TOTAL SUSPENDED SOLIDS			
VOC DW (EPA 524.2)			
VOC (EPA 8260)			
VOC AIR (TO - 15)			
8-RFCRA METALS			
PID/ FID			

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

WDNR Project- Provide Lab QA/QC

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

Relinquished By: (signature) *SSR* Time 11:00 AM Date 1/24/20
 Received By: (signature) _____ Time: 10:00 Date: 1/25/20
 Received in Laboratory By: *Shirley J. Rice*

5037421A-F	GP013020				5037442G			
analyte	CCV	%RSD	MS ug/l	DMS ug/l	Spiked Sam	% REC.	RPD	MATRIX BLANK
mtbe	19.65709	-2%	19.56784	19.4675		98	0.51	ND
benzene	23.57282	18%	100.1723	101.5286	80.98757	96	-1.34	ND
fluorobenzene	20.01305	0%	19.58052	19.38166	19.50953	0	1.02	ND
toluene	23.01855	15%	254.9515	258.8749	240.88298	90	-1.53	0.19
ethylbenzene	21.94714	10%	42.65805	42.6576	22.71886	100	0.00	ND
m&p-xylene	44.09984	10%	134.6736	134.2122	94.74991	100	0.34	0.16
1-chloro-2-fluorobenzene	50	150%	50	50	50	0	0.00	
o-xylene	21.45149	7%	65.12103	65.26083	46.24872	94	-0.21	0.19
1,3,5-trimethylbenzene	21.16392	6%	25.99784	25.61294	6.31607	98	1.49	ND
1,2,4-trimethylbenzene	21.78491	9%	46.11025	45.60005	25.4859	103	1.11	ND
naphthalene	18.72627	-6%	27.18455	25.01637	6.48132	104	8.31	ND