

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.

<u>Utility Clearance.</u> 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.

<u>Soil Boring Activities.</u> 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 offsite. 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

<u>Site Geology.</u> 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**.

<u>Soil Quality Results.</u> 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.

Stephen Meer, P.E.

Senior Engineer

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

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

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Soil Samp	ole Location:	SG	P-3	SGP-4	SGP-5	SG	P-6	SGP-7	SGP-8	COMP-1				
Sample Dept	th (feet bgs):	3-4	7-8	2-3	7-8	2-3	2-3 DUP	2-3	7-8					
Sample Coll	ection 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	Groundwater	Non-Industrial	Industrial Direct	Background
Depth to Groundwater (feet bgs):		~8		>8	~8	~7.5		~7.5	~7.75	Composite	Pathway RCL ⁴	Direct Contact RCL ⁵	Contact RCL ⁶	Threshold Value ⁷
Native Material ((N) or Fill (F):	F	Ν	F	Ν	F		F	N	soil sample	KOL	KOL	KOL	Value
Unsaturated/Smear Zone (U) or Sa	aturated (S):	U	J	U	U	U		U	U/S	for disposal				
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	1.3707	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 Exceede	ed (Y/N)?	No	No	No	No	No		No	No					

Notes

- 1. 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.
- 2. Analytical units: mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
- 3. NA = not analyzed
- 4. 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
- 5. 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
- 6. 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
- 7. 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).

 8. NS = no standard established

10. Methanol blank results:

- 9. Laboratory flags:
- "J" = Analyte detected between Limit of Detection and Limit of Quantitation
- 1/23/20: All PVOCs + naphthalene reported below laboratory detection limits.
- 11. 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
 Date:
 2/4/2020

 Data checked by:
 SRM
 Date:
 2/19/2020

Table 2 Groundwater Analytical Table Marathon Station Former, 905 E. Main Street, Watertown, Wisconsin

Sigma Project No. 18701

organia i rejective i eve											
Well L	ocation:	TW-1	T\	N-2	TW-3	NR 140	NR 140				
	Date:	1/23/20	/23/20 1/23/20 1/23 D		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. μ g/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

 //TALICS = 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 Date: 1/31/20
Data checked by: SRM Date: 2/19/2020

FIGURES



FIGURE

BOREHOLE LOCATION MAP

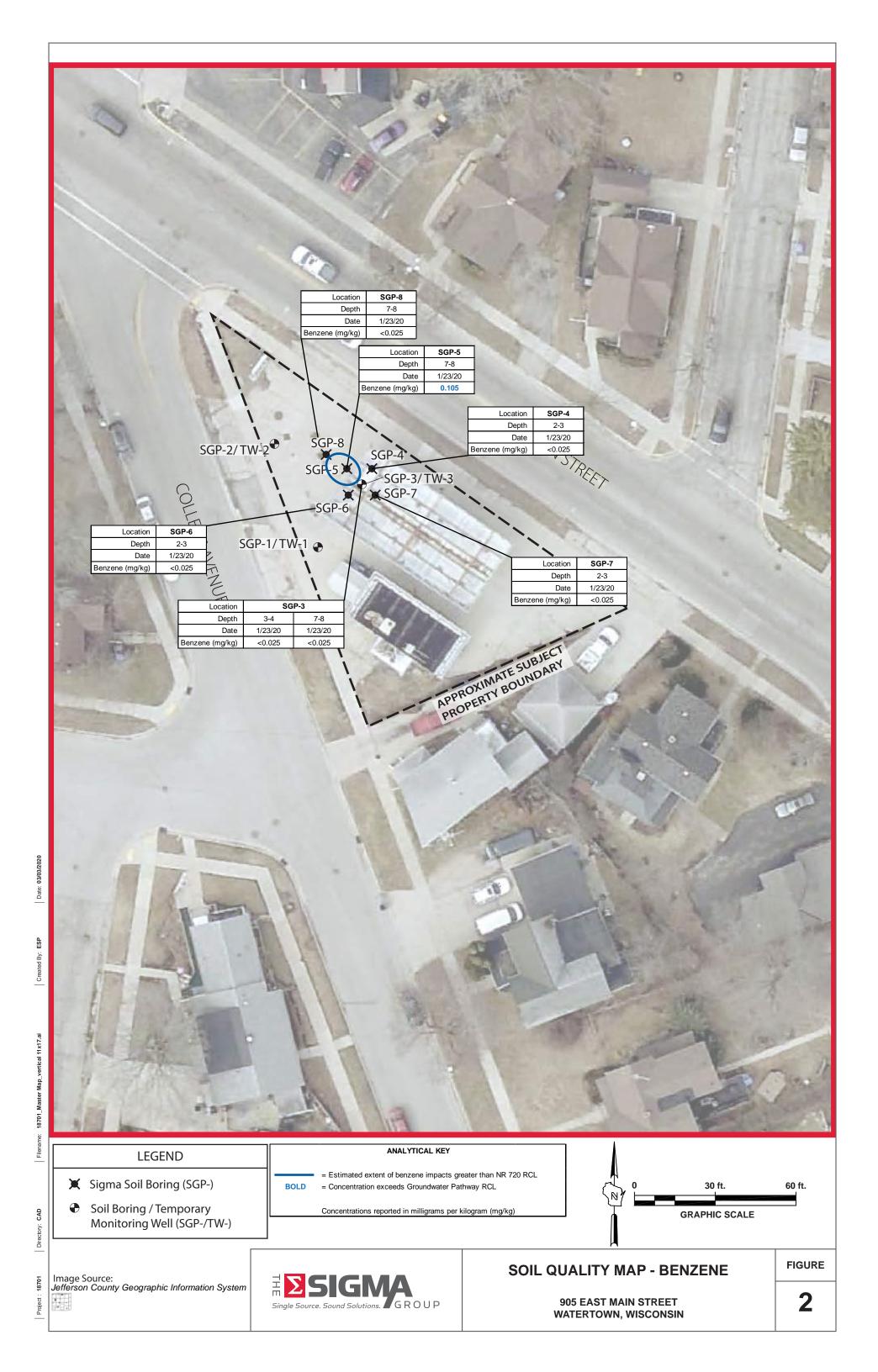
905 EAST MAIN STREET WATERTOWN, WISCONSIN

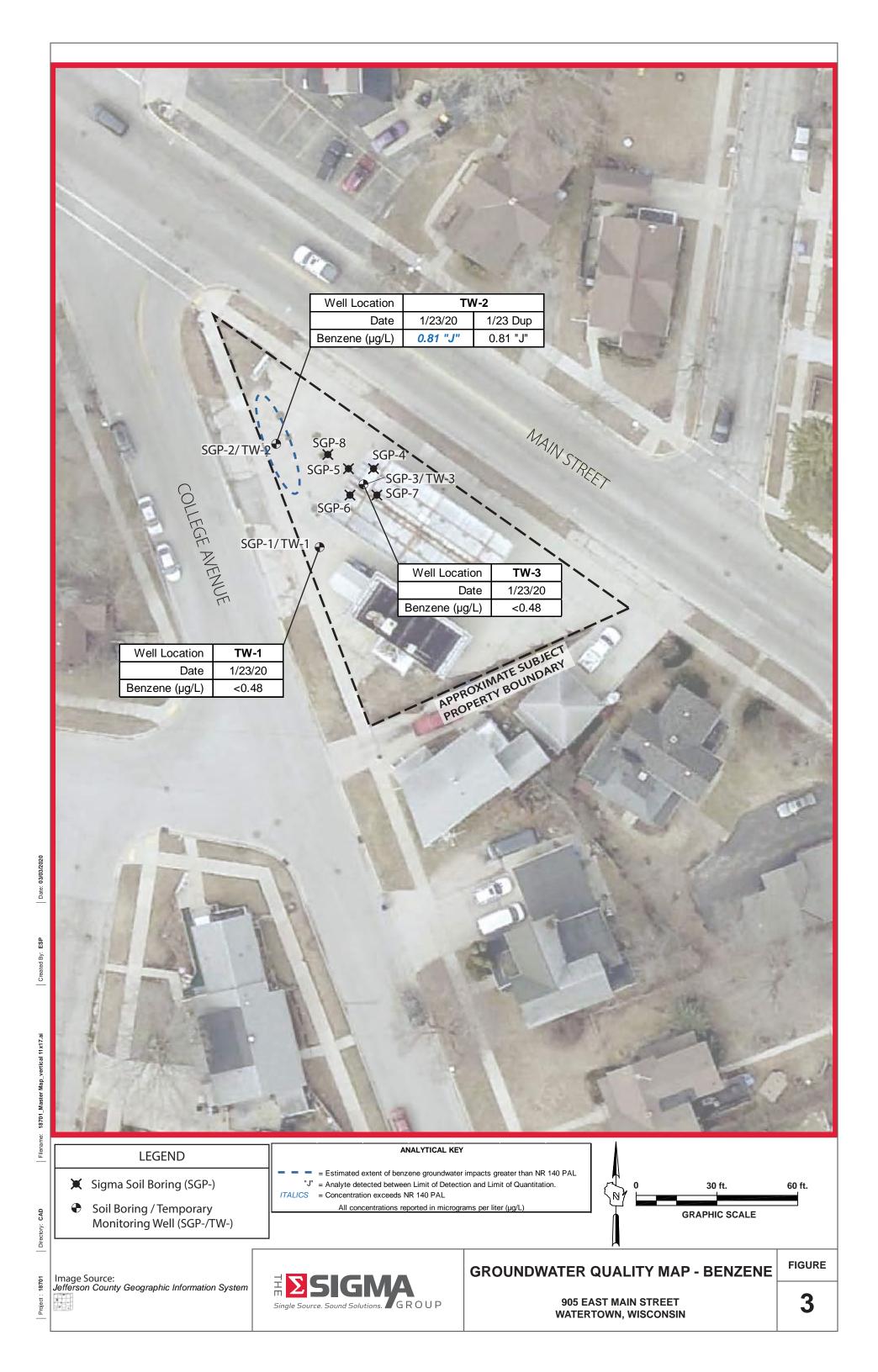
Project: 18701

Image Source: Jefferson County Geographic Information System

Note: GEC sample locations are approximate.

ESIGNA
Single Source. Sound Solutions. GROUP





ATTACHMENT A

UST Assessment Report

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



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,

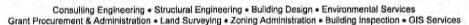
Attached with this letter are the Tank System Service Closure Assessment Forms Part A and B, and corresponding documents, for the removal of three (3) underground storage tanks (USTs) including two (2) 8,000-gallon unleaded gasoline USTs, one 12,000-gallon unleaded gasoline UST, three associated dispensers, 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 he 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

Lvnń 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

_	10	OFFIC	vs.c	MA T	

	(608) 22		UI4 171 22707	-1031		II is. Ad	lmin. Code ş	SATCP	93,580		
TANK	SYST	EM SFR	VICE A	ND C	ı				1	TDE	DODT
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. State). Complete One Form for Each System Service Event											
		FORM THAT DO		CHECK TO	4E 18	I/A' BOY					
CHECK ON	E: UNDE	RGROUND [ABOVEGRO			DOX					
Part A - To	be complete	d by contractor (en golimone	pair or clos	wra						
A TYPE OF S		CLOSURE A			ANG	-IN-SERV	1CE				
indicate (⊠ Remo	portion of syste ota 60 - 13 Tani	em being serviced if k 🔯 Piping 🔲 Ti	a repair, upgrade ransifon/contains	or change-i	_						
B. IDENTIFIC		ESTIPING COT	TI TO BOX OF THE PARTY	пен жир	<u> 2</u>	Spill bucke	t M Ost	penser			
DWNER INFOR	HOITAM										
OVINER NAME Boparal LLC.			CONTACT HA	ME	,		T	TILE			
MALING ADDR	E S 5					50 CITY I	TOWN D	VIII AF	E	STATE	ZIP
905 E Main St						Walertown		*:62-46	-	W	53094
TELEPHONE:						E-M	Д,				
() »	man	-									
FACILITY NAME											
Marathon		····									
SITE ADDRESS 905 E. Main S							TOWN D	MILL	ē.	STATE	1
BERVICE COH		RMATION				Watertown	· · · · · · · · · · · · · · · · · · ·			M	53094
		OR Section A Above							TELEPHONE:	Ten.	
Schaperexcav		um LLC							(608) 429 - 2300	(608) 6	17 - 4812
STREET ADDRI W4398 CIY E	ESS					CITY & Scott	TOWN D	NLLAG	Ę	STATE	ZIP 53954
C. TANK 5Y5	TEM DETAIL (Complete for all se	rvice activities)							<u> </u>	13334
ė	b	E	d	•		ſ				h	
Tank ID 6	Type of Clasure*	Tenk Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	C	ontents ⁸	Release Integrity Co (e.g. hote	mprom s, creci	lacd and C	", Then Sp Buse of Re	iceen ^a
							loase conne	ction,	stc)? Source of Rele	see, Cen	ne of Release*
34797	P		FG FG	10,000	UG		☐ Yes	ZIN			
		**************************************		8,000	UG		□ Yes /	21 No			
34692	P	FG	FG	8,000	uc		☐ Yes	ZX No			
							☐ Yes	□ No)		
							☐ Yes	□ No)		
1. Indicate ly	pe of clasure:	P = Permanent, TO	S = Temporarily	Out-of-Serv	ice, (CIP = Clos	ure In-Place				
Keroseni	ps of product: p, PX = Premix name(s):	DL = Exister, LG = , WO = Waster/User	Leaded Gasoline d Moior Oil, FCH	, UG≖Unk IZW≖Flam	raded nable	Gasoline, /Combusti	FO = Fuel (ble Hazardor	CNI, GI USWas	H = Gasohol, AF = A sie, OC = Other Che	viation Fo	vel, K =
Ciktuata	1101110(3)	Т		***************************************	_					1	· · · · · · · · · · · · · · · · · · ·
J. CAS mumb	per(s);	l									
		nk, Papiping, Da	dispenser, STF	o submeral	bla tu	rbine ourn	o. DP = dell	very n	Then Casher	1 MIV = 1 L	
4. Source of release: Timitank, Pimiping, Dimitispenser, STP is submersible turbine pump, DP in delivery problem, O in other, UNK in Unknown. 5. Cause of release:											
S = spill, O = overfill, POMD = physical or mechanical demage, C = corresion, IF = installation problem, O = other, UNK = Unknown 8. Has release been reported in the Department of Natural Despressor. 7. The contract of the Contract of Natural Despressor.											
v. rus (8835	6. Has release been reported to the Department of Natural Resources?										
		Part A Dist	ribution: DATO	CP DNR	le	rspector	Contracte	or (Owner		

TRI WILL 140 [7/18] Formerly ERS-4951						
D. CLOSURES (Check applicable box at right in response to all statements in section D)				V		
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 No NA						
☑ UST Form TR-WM-137 or ☐ AST Form TR-WM-118 Red by owner with the DATCP indicating close	nto.	₹Y⇔	D 1	₩	□ NA	
NOTE: TANK INVENTORY FORM TR-WM-137 OF TR-WM-118 SIGNED BY THE OWNER MUST BE SUB!	WITE)				
WITH EACH CLOSURE or CHANGE IN-SERVICE CHECKLIST D.1 TEMPORARILY DUT-OF-SERVICE				4	Incorporate Mad	
1. Product removed.		nover Hied		rified	Inspector Not Present	NA
a. Product times drained into tank (or other container) and liquid removed, and	_ `	□ N		N		D
b. All product removed to bottom of suction line, OR	_	DN.	DΥ		ö	Ō
c. All product removed to within 1" of bottom,		N	Y	•	ä	
2. Fill pipe, gauge pipe, tank truck vapor recovery littings, and vapor return lines capped.		DN D	- O Y		ö	Ď
3. All product lines at the talands or pumps located elsewhere are removed and capped, OR				N		Ō
4. Dispensers/pumps left in place but locked and power disconnected.		_	DΥ		ŏ	Ō
5. Vent lines left open.		·	ΠY		ö	
6. Inventory form filed indicating temporarily out-of-service (TOS) closure			ÖΥ	•		
D.2. & CLOSURE BY REMOVAL OR IN-PLACE	ш.		<u></u>	- I		Sector 1
1. General Requirements	ΠY	DΝ	ΠY	ΠN		
a. Product from piping drained into tank (or other container).		_	DY	~	8	6
b. Piping disconnected from tank and removed.			ŪΥ	·	Ø	Ō
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.			DY		(S	Ö
 All pump motors and suction hoses bonded to tank or otherwise grounded. 	_		ΠŸ	_	Ď.	
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other flutures removed.					Ď.	D
I. Vani lines left connected until lanks purged.	ØΥ		ΩŸ			$\widetilde{\mathbf{D}}^-$
g. Tank openings temporarily plugged so vapors exit through vent.	_	_	ŪΥ		51	O
h. Tank atmosphere reduced to 10% of the lower sammable range (LEL) - see Section E.			DY		ξ 1 .	
2. Specific Closure-by-Removal Requirements		_		_	1	
a. Tank removed from excavation after PURGINGANERTING; placed on level ground and blocked to	(S) V		DΥ	Пм	ß	O
provent movement.		_	A RESP.	_		
b. Tank cleaned before being removed from site			□ Y		丒	
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.		ПΝ	ΠŸ	Πи	☑,	Ö
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTI VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL	ENIS,					
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site	ΜY	ПΝ	OY	DΝ	/23	Ō
 Site security is provided while the excavation is open. 			DY		æ	
3. Specific Closure-In-Place Requirements			Τ̈́Υ		<u> </u>	Ō
NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF				_	_	
THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR I	LOCAL	AGEN	<u>T.</u>			
a, Tank properly cleaned to remove all sludge and residue.			<u> </u>	□ N	O	
 b. Solid Inert material (sand, cyclone boter slag, or pea grave) recommended) introduced and tank filled. 		_	<u> </u>	_		
c. Vent line disconnected or removed.			<u>DY</u>	_		
d. Inventory form filed by owner with the DATCP indicating closure in-place	□ Y	ДN	□ Y	Πи		
E REPAIR, UPGRADE OR CHANGE-IN-BERVICE						
Written notification was provided to the local agent 5 days in advance of service date	_		□ NA			
All local permits were obtained before beginning service	_	D K				
Form TR-WM-137 or 0 TR-WM-118 filed by owner with the DATCP Indicating change-in-service	UY	ЦΝ	□ NA	Y		
F. METHOD OF VAPOR FREEING OF TANK						
Displacement of vapors by eductor or diffused air blower. Eductor driven by compressed air, bonded and drop take left in place, vapors discharged minimum of 12) faat s	hove o	mund			
	. 1651 =	note &	DUNG			
☐ Inert gas using dry ice or liquid carbon dioxide ☐ Inert gas using CO2 or N2_NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSE	HEDE	151	VETED	C MAU	INT FULLATIO	
ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS	STATE	WITH	OUT SP	ECIAL	EQUIPMENT	IN
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank op						
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing dev						
☑ Readings of 10% or less of the fower termnable range (LEL) or <5% oxygen obtained before removing						
Tank atmosphera monitored for flammable or combustible vapor levels prior to and during cleaning a						
Carbinste combustible gas indicator and/or oxygen mater prior to use. Drop tube removed prior to ch bottom, middle and upper portion of lank.			here 1	Tank sp	sace monkored :	et
Distribution: DATCP DNR Inspector Contractor	Owne	ır				

N. M. (1/1/	401583	9/19/2018
BENTALENT FAMER SYGNATURE	erwy	DATE SIGNED
& OBie	402106	DATCA
INSPECTOR SIGNATURE	INSPECTOR CERTIFICATION NO	LPO AGENCY #
	Mr. 1507	10/1/18
	(9201397-2L73	171710
	mation which I have provided as the tark do ordamination assessment. General Eng	REMOVERICLEANER SIGNATURE CERTIFICATION ND mation which I have provided as the tank closure contractor are correct and comply with a contamination assessment. General Engineering E. OB.: H02106

TR-WM-140 (7/18) Formerly ERS-8951

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 STATE ZIP ☑ CITY ☐ TOWN ☐ VILLAGE SITE ADDRESS (Not PO Box) WI 53094 Watertown 905 E Main Street 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 or DNR BRRT's # 03-28-542497 If ves, provide the DATCP # 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.) DEPTH WIDTH EXCAVATION/TRENCH # LENGTH 30 40 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)? c. Water In excavation/trench: ⊠ Yes ☐ No b. Petroleum odor: ☐ Yes ☐ No a. Stained soils: ☐ Yes ☒ No e. Sheen or free product on water: $\ \square$ Yes $\ \boxtimes$ No d. Free product in the excavation/trench: ☐ Yes ☒ No 3. Geology/Hydrogeology b. Indicate type of geology² Silt/Clay a. Depth to groundwater 7 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.

Distribution: DATCP DNR Inspector Contractor Owner

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

Sample ID #	Sample Location &	S	ample Colle	ction Meth	od	Depth Below	Field Screening	GRO (mg/kg)	DRO (mg/kg)
	Soil/Geologic Description	Grab	Shelby Tube	Direct Push	Split Spoon	Tank/Piping (feet)	Result (ppm)		
SS-1	DISPENSER 1 - WEST	\boxtimes				4	1327		
SS-2	PRODUCT LINE 1 & 2 (WEST)	\boxtimes				3	Ó		
SS-3	DISPENSER 2 - CENTER	\boxtimes				3	32		
SS-4	PRODUCT LINE 2 & 3 (EAST)	\boxtimes				3	0		
SS-5	DISPENSER 3 - EAST	\boxtimes				3	71		
SS-6	N WALL	\boxtimes				6	64		
SS-7	E/NE WALL	\boxtimes				5	18		
SS-8	EAST WALL	\boxtimes				6	66		
SS-9	SOUTH WALL	\boxtimes				5	0	+	
SS-10	W/SW WALL	\boxtimes				6	0		
SS-11	NW WALL	×				6	0		
SS-12	WEST WALL	\boxtimes				6	0		
SS-13	W/NW WALL	\boxtimes				5	10		

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID#	BENZENE	TOLUENE	ETHYLBENZÈNE	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.	

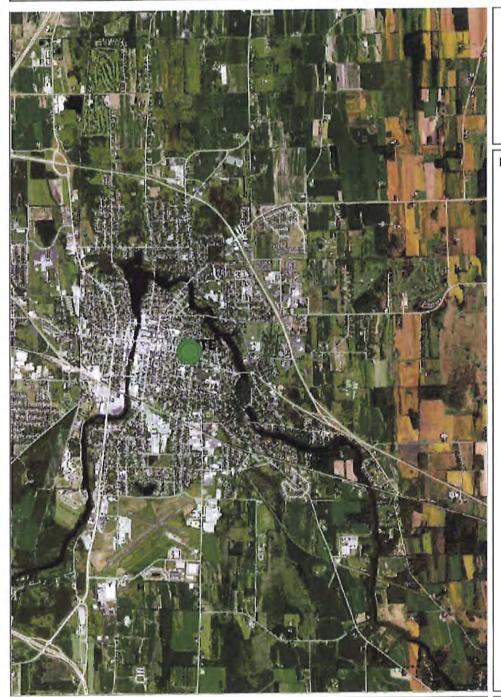
Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 shall immediately report any release of a regulated substance 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.

TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME
(608) 742 - 2169	10/19/2018	General Engineering Company
Lynn Bradley TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM	SITE ASSESSOR SIGNATURE CERTIFICATION NO.
		m M. Quaelly 401232

APPENDIX B SITE FIGURES/MAPS



REGIONAL SITE LOCATION MAP





Legend

1.5

0

Distance / 2

1.5 Miles

1:47,520



Notes

NAD_1983_HARN_Wisconsin_TM

DISCLAIMER: The information shown on those 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, per are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made aregarding accuracy, applicability for a particular use, comprehenses, 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.

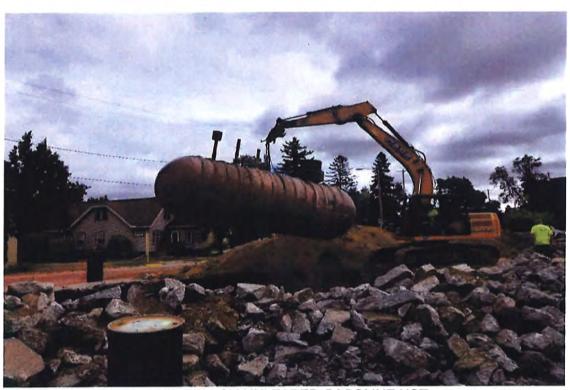




APPENDIX C SITE PHOTOGRAPHS



PHOTOGRAPH OF THE ARE OF THE FORMER DISPENSERS AND CANOPY



8,000-GALLON UNLEADED GASOLINE UST PHOTOGRAPH OF DISPENSER AREA Page 1 of 3



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



PHOTOGRAPH OF THE 2ND 8,000-GALLON UNLEADED GASOLINE UST Page 2 of 3



PHOTOGRAPH OF THE 10,000-GALLON UNLEADED GASOLINE UST



PHOTOGRAPH OF EXCAVATON AFTER THE 10,000-GALLON TANK REMOVAL Page 3 of 3

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

Invoice # E35257

Project #

Lab Code

5035257A

Sample ID

SS-1 DISP 1 W

Sample Matrix Soil

Sample Date

9/21/2018

JIZIIZOIO	Result	Unit	LOD	LOO	Dil		Method	Ext Date	Run Date	Analyst	Code
	1105011	-									
	82.7	%			•	1	5021		9/25/2018	NJC	1
ithalene											
	9.3	mg∕kg	0.095	0,3	3 1	0	GRO95/8021		10/6/2018	CJR	1
	26.4	mg/kg	0.16	0.5	5 1	0	GRO95/8021		10/6/2018	CJR	ì
her (MTBE)	< 0.25	mg/kg	0.11	0.34	1	0	GRO95/8021		10/6/2018	CJR	1
	13.4	mg/kg	0.22	0.7	1	0	GRO95/8021		10/6/2018	CJR	1
	108	mg/kg	0.13	0.41	. 1	0	GRO95/8021		10/6/2018	CJR	1
zene	80	mg/kg	0.19	0.6	5 1	0	GRO95/8021		10/6/2018	CJR	1
	24.2	mg/kg	0.096	0.31	1	0	GRO95/8021		10/6/2018	CJR	1
	104	mg/kg	0.13	0.42	. 1	0	GRO95/8021		10/6/2018	CJR	1
	42	mg/kg	0.062	0.2	2 I	0	GRO95/8021		10/6/2018	CJR	1
	nthalene ther (MTBE) tzene	Result 82.7 1thalene 9.3 26.4 ther (MTBE) <0.25 13.4 108 sizene 80 sizene 24.2 104	Result Unit 82.7 % 11	Result Unit LOD 82.7 % 1thalene 9.3 mg/kg 0.095 26.4 mg/kg 0.16 her (MTBE) < 0.25 mg/kg 0.11 13.4 mg/kg 0.22 108 mg/kg 0.13 tzene 80 mg/kg 0.19 tzene 24.2 mg/kg 0.096 104 mg/kg 0.13	Result Unit LOD LOQ 82.7 % 1thalene 9.3 mg/kg 0.095 0.3 26.4 mg/kg 0.16 0.3 ther (MTBE) < 0.25 mg/kg 0.11 0.34 13.4 mg/kg 0.22 0.7 108 mg/kg 0.13 0.41 108 mg/kg 0.19 0.6 sizene 80 mg/kg 0.096 0.31 104 mg/kg 0.13 0.42	Result Unit LOD LOQ Dil 82.7 %	Result Unit LOD LOQ Dil 82.7 % 1 82.7 % 1 nthalene 9.3 mg/kg 0.095 0.3 10 26.4 mg/kg 0.16 0.5 10 ther (MTBE) < 0.25 mg/kg 0.11 0.34 10 13.4 mg/kg 0.22 0.7 10 108 mg/kg 0.13 0.41 10 108 mg/kg 0.19 0.6 10 tizene 80 mg/kg 0.096 0.31 10 tizene 24.2 mg/kg 0.096 0.31 10 104 mg/kg 0.13 0.42 10	Result Unit LOD LOQ Dil Method 82.7 % 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 5021 1 6 6 7095/8021 1 6 7095/8021 1 7 7 8 7 8 7 8 7 8 8 8 8 8 8 8 8 8 8 8	Result Unit LOD LOQ Dil Method Ext Date 82.7 % 1 5021 1 6RO95/8021 1 6RO95/8021 1 7 10 6RO95/8021 1 8 108 mg/kg 0.13 0.41 10 GRO95/8021 1 8 108 mg/kg 0.13 0.42 10 GRO95/8021 1 8 108 mg/kg 0.13 0.42 10 GRO95/8021 1 8 108 mg/kg 0.13 0.42 10 GRO95/8021	Result Unit LOD LOQ Dil Method Ext Date Run Date 82.7 % 1 5021 9/25/2018 1 5021 9/25/2018 1 5021 9/25/2018 1 5021 1 5021 1 10/6/2018 1 6 6 7 7 8 7 8 7 8 7 8 8 8 8 8 8 8 8 8 8	Result Unit LOD LOQ Dil Method Ext Date Run Date Analyst 82.7 % 1 5021 9/25/2018 NJC 1 5021 10/6/2018 NJC 1 5021 10/6/2018 NJC 1 1 5021 10/6/2018 NJC 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Project Name FMR MARATHON Project #

Lab Code

5035257B

Sample ID

SS-2 PROD LINE 1&2

Sample Matrix Soil Sample Date

9/21/2018

Sample Date	<i>y,</i> 2 1, 2 010	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 + Naph	thalene										
Benzene		< 0.025	mg/kg	0,0095	0.03	1	GRO95/802	1	10/5/2018	CJR	į
Ethylbenzene		< 0.025	mg/kg	0.016	0.05	1	GRO95/802	l	10/5/2018	CJR	1
Methyl tert-butyl et	her (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/802	1	10/5/2018	CJR	1
Naphthalene		0.038 "J"	mg/kg	0.022	0.07	1	GRO95/802	1	10/5/2018	CJR	1
Toluene		0.083	mg/kg	0.013	0.041	1	GRO95/802	1	10/5/2018	CJR	1
1,2,4-Trimethylben	zene	0.042 "J"	mg/kg	0.019	0.06	i 1	GRO95/802	1	10/5/2018	CJR	1
1,3,5-Trimethylben		< 0.025	mg/kg	0.0096	0.031	1	GRO95/802	ì	10/5/2018	CJR	1
m&p-Xylene		0.070	mg/kg	0.013	0,042	! 1	GRO95/802	1	10/5/2018	CJR	1
o-Xylene		0.041	mg/kg	0.0062	0.02	: 1	GRO95/802	1	10/5/2018	CJR	1

Lab Code

5035257C

Sample ID

SS-3 DISP 2 C

Sample Matrix Soil

9/21/2018 Sample Date

Sample Date	9/21/2010								_		- 1
		Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General											
Solids Percent		81.3	%			1	5021		9/25/2018	NJC	J
Organic											
PVOC + Napl	nthalene										
Benzene		0,174	mg/kg	0.0095	0.03	1	GRO95/8	021	10/5/2018	CJR	1
Ethylbenzene		0.051	mg/kg	0.016	0.05	1	GRO95/8	021	10/5/2018	CJR	1
Methyl tert-butyl et	her (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8	021	10/5/2018	CJR	1
Naphthalene		0.0258 "J"	mg/kg	0.022	0.07	1	GRO95/8	021	10/5/2018	CJR	l
Toluene		0.75	mg/kg	0.013	0.041	1	GRO95/8	021	10/5/2018	CJR	1
1,2,4-Trimethylber	zene	0.081	mg/kg	0.019	0.06	5 1	GRO95/8	021	10/5/2018	CJR	i
1,3,5-Trimethylber		< 0.025	mg/kg	0.0096	0.031	1	GRO95/8	021	10/5/2018	CJR	I
m&p-Xylene		0,193	mg/kg	0.013	0.042	: 1	GRO95/8	021	10/5/2018	CJR	1
o-Xylene		0.111	mg/kg	0.0062	0.02	: 1	GRO95/8	021	10/5/2018	CJR	I

Project Name FMR MARATHON Project #				Invoice # E35257								
Lab Code Sample ID Sample Matrix Sample Date) LINE 2&3										
		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 + Naph	thalene											
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	I	
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-Trimethylben	zene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	1	
1,3,5-Trimethylben	zene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	ı	
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	l	
Lab Code	5035257E											
Sample ID Sample Matrix Sample Date	SS-5 DISP	3 E							.		C. A.	
		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 + Naph	nthalene											
Benzene		0.181	mg/kg	0.0095	0.03	Į	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	

Invoice # E35257

Project Name FMR MARATHON Project #

Lab Code

5035257F

Sample ID SS-6 N WALL

Sample Matrix Soil

9/21/2018 Sample Date

•	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	l	10/5/2018	CJR	i
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021	l	10/5/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	. 1	GRO95/8021	l	10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021	l	10/5/2018	CJR	ı
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021	l	10/5/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/8021		10/5/2018	CJR	i
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

Sample Date

Toluene

m&p-Xylene

o-Xylene

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

SS-7 E/NE WALL

0.0297 "J"

< 0.025

< 0.025

< 0.05

< 0.025

Sample Matrix Soil 9/21/2018

Ext Date Run Date Analyst Code LOD LOQ Dil Method Unit Result General General 5021 9/25/2018 NJC ı 1 % Solids Percent 83.5 Organic PVOC + Naphthalene 10/5/2018 CJR < 0.025 mg/kg 0.0095 0.03 GRO95/8021 Benzene 0.016 0.05 1 GRO95/8021 10/5/2018 CJR < 0.025 mg/kg Ethylbenzene CJR 10/5/2018 1 GRO95/8021 Methyl tert-butyl ether (MTBE) < 0.025 mg/kg 0.011 0.034 1 CJR GRO95/8021 10/5/2018 0.022 0.07 1 Naphthalene < 0.025 mg/kg

0.041

0.06

0.031

0.042

0.02

1

1

1

i

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

GRO95/8021

0.013

0.019

0.0096

0.013

0.0062

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

10/5/2018

10/5/2018

10/5/2018

10/5/2018

10/5/2018

CJR

CJR

CJR

CJR

CJR

1

Project Name FMR MARATHON Project #

Lab Code

5035257H

Sample ID SS-8 E WALL 6'

Sample Matrix Soil Sample Date 9/21/2018

Sample Date 3/21	,2016								
	Result	Unit	LOD	LOQ	Dil	Method Ex	t Date Run Date	Analyst	Code
General									
General									
Solids Percent	81.0	%			1	5021	9/25/2018	NJC	1
Organic	,								
PVOC + Naphthales	ne								
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 (M)	ΓBE) < 0.025	mg/kg	0.011	0.034	1	GRO95/8021	10/5/2018	CJR	I
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	i	GRO95/8021	10/5/2018	CJR	1
o-Xylene	0.034	mg/kg	0.0062	0.02	1	GRO95/8021	10/5/2018	CJR	١

Lab Code

5035257I

Sample ID SS-9 S WALL 7'

Sample Matrix Soil Sample Date 9/21/2018

Sample Bate 3/21/20	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	ŀ
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/5/2018	CJR	ŀ
Naphthalene	< 0.025	mg/kg	0.022	0,07	1	GRO95/8021		10/5/2018	CJR	į
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	Barres
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/8021		10/5/2018	CJR	i
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 #

Lab Code

5035257J

Sample ID SS-10 W/SW WALL

Sample Matrix Soil Sample Date 9/21/2018

23.3.2	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										
Веплепе	< 0.025	mg/kg	0,0095	0.03	1	GRO95/8021	l	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	I	10/5/2018	CJR	1
Naphthalene	< 0.025	mg/kg	0.022	0.07	1	GRO95/8021	I	10/5/2018	CJR	1
Toluene	< 0.025	mg/kg	0.013	0.041	1	GRO95/8021	l	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

Sample Date	712112010										
		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 + Napht	halene										
Benzene		< 0.025	mg/kg	0.0095	0.03	1	GRO95/802	1	10/5/2018	CJR	I
Ethylbenzene		< 0.025	mg/kg	0.016	0.05	1	GRO95/802	1	10/5/2018	CJR	Ī
Methyl tert-butyl eth	er (MTBE)	< 0.025	mg/kg	0.011	0,034	- 1	GRO95/802	1	10/5/2018	CJR	1
Naphthalene		< 0.025	mg/kg	0,022	0.07	1	GRO95/802	1	10/5/2018	CJR	I
Toluene		< 0.025	mg/kg	0.013	0.041	1	GRO95/802	I	10/5/2018	CJR	1
1,2,4-Trimethylbenz	ene	< 0.025	mg/kg	0.019	0.06	1	GRO95/802	1	10/5/2018	CJR	1
1,3,5-Trimethylbenze	ene	< 0.025	mg/kg	0.0096	0.031	1	GRO95/802	1	10/5/2018	CJR	1
m&p-Xylene		< 0.05	mg/kg	0.013	0.042	i	GRO95/802	1	10/5/2018	CJR	1
o-Xylene		< 0,025	mg/kg	0.0062	0.02	i	GRO95/802	1	10/5/2018	CJR	1

Project Name FMR MARATHON Project #

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	i
Ethylbenzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8021		10/6/2018	CJR	I
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/8021		10/6/2018	CJR	l
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	ı

Lab Code 5035257M

Sample ID SS-13 W/NW WALL

Sample Matrix Soil
Sample Date 9/21/2018

Sample Date	9/21/2010										
-		Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General											
General		A.									
Solids Percent		83.7	%			1	5021		9/25/2018	NJC	i
Organic											
PVOC + Napl	hthalene										
Benzene		< 0.025	mg/kg	0.0095	0.03	1	GRO95/802	1	10/5/2018	CJR	1
Ethylbenzene		< 0.025	mg/kg	0.016	0.05	1	GRO95/802	1	10/5/2018	CJR	1
Methyl tert-butyl e	ther (MTBE)	< 0.025	mg/kg	0.011	0.034	1	GRO95/802	1	10/5/2018	CJR	1
Naphthalene		< 0.025	mg/kg	0.022	0.07	1	GRO95/802	1	10/5/2018	CJR	ì
Toluene		0.0272 "J"	mg/kg	0.013	0.041	1	GRO95/802	1	10/5/2018	CJR	l
1,2,4-Trimethylber	nzene	< 0.025	mg/kg	0.019	0.06	1	GRO95/802	1	10/5/2018	CJR	l
1,3,5-Trimethylber	nzene	< 0.025	mg/kg	0,0096	0.031	1	GRO95/802	1	10/5/2018	CJR	1
m&p-Xylene		< 0.05	mg/kg	0.013	0.042	. 1	GRO95/802	1	10/5/2018	CJR	1
o-Xylene		< 0.025	mg/kg	0.0062	0,02	1	GRO95/802	1	10/5/2018	CJR]

Invoice # E35257

Project #

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code

1

Comment

Laboratory QC within limits.

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

Michaelyllul

Authorized Signature

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1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631

non-Waletown

Project #: Sampler: Isignatura

Account No. Lab I.D. #

Quote No.:

Page L of 2 Environmental Lab, Inc.

Chain # Nº 36

Rush Analysis Date Required (Rushes accepted only with prior authorization) Sample Handling Request Normal Turn Around

Toject (Name / Location): + O/muil Cure + 10	2	ころろろう			A	Analysis Requested	Redn	ested				Other	Other Analysis	is	_
LEPORTS TO: LLO BOOKE TO:	20 To:														-
company (Showed Engineering Company	Dany (OE)	0								S					
-5	SSG									סרום					
Sity State Zip 20, Hax WI 530 City State Zip	State Zip	MA													
Thone 1008-7420 23169 Phone)									₽29 ¥					
1 100/2 - 743. AG9 FAX									3	(EP)	-			PIO.	_
Lab I.D. Sample I.D. Date Time Comp	Grab Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	ГЕУD GBO (W DBO (W	TARTIN 10 & JIO	PCB PCB PCB	PVOC (E	+ DOV9 FATJUS	TOTAL S	VOC (EP			-	
Se25257# 25-10:20 W Pal 10: D	2	2	9311	Motherit		-	-		1		-		-	-	-
1 7	1		_						1	-				L	-
C 18:3 0.02 C 10:30	-			/					1						-
D 55-4 Prodland 10:35									1						_
£ 55,00038 1040	1								1					L	_
E STONWALL 1143	1			/					1					L	-
6 45.7 Elni Will 11745										_					-
H 55 XE Wall! 12:05	1								-					L	_
1 895Wall B3	1				,			Ė							-
5 Syou was 8 13:46	>	-	4	//				Ė	1	-					$\overline{}$
Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WM", Soil "S", Air "A", Oil, Sludge etc.)	GW", Drinking W	ater "DW", Wast	te Water "V	WW", Soil "S",	Air "A",	Oil, Sit	e ebpr	(;							
															_

8-46-6

Sino Time

(AD CAUS)

RGS

Received By: (sign)

Date

Time

Relinguished By: (sign)

Date: 9/25/8

Time: 8/60

Received in Laboratory By:

No

Cooler seal intact upon receipt: X Yes

Temp. of Temp. Blank COn Be: X

Sample Integrity - To be completed by receiving lab.

Method of Shipment:

Date

CHAIN OF JSTODY RECORD

Synergy

Environmental Lab, Inc.

Quote No.:

Account No.: Lab CD. #

Chain # Nº 36/ 2

Page 2 of 2

Sample Handling Request

Project #: Schapen Folger Marathur		1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • FAX 920-733-0631	1914 31	Rush Analysis Date Required (Rushes accepted only with prior authorization) Normal Turn Around	Rush Analysis Date Required as accepted only with prior authorized Normal Turn Around	cation)
Project (Name / Location): Folgrun Maruethon	- Wat town (Analysis Requested	- G	Other Analysis	Sis
Reports To: Company Address Cliv State Zp Phone Company Address Cliv State Zp Phone Collection Lab I.D. Sample I.D. Date Time Comp Grab Yill Sample I.D. Date Time Comp Grab Yill Sample I.D. Sample I.D. Sample I.D. Collection Comp Grab Yill Sample I.D. Comp Grab Yill Yill Sample I.D. Sam	Company Address City State Zip Phone FAX Filtered No. of San Ty Ty Containers (Mal	Mo. of Type Preservation Old GRO Sep 95) Containers (Marxix)* Co	CEAD CEAD	PVOC + NAPHTHALENE SULFATE TOTAL SUSPENDED SOLIDS VOC DW (EPA 524.2) VOC (EPA 8260) VOC (EPA 8260) 8-RCRA METALS		를 요
Sample Imagrity - To be completed by receiving lab. Method of Shipment:	Relinquished By: (sign)	Time Date	Received By: (sign)	gn) D CRCS	Time D 3:40 9	Date 9.34
1 %	Received in Laboratory By			Time: Q-20	Date: 6 /	

APPENDIX E TABLE

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

Sample No.				S-1	S-2	S-3	5-4	S-5	S-6	S-7	S-8	5.9	S-10	S-11	S-12	S-13
Sampling Date				9/21/2016	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
Sample Description	NR 720 Cancer RCL Non-	NR 720 Non- Industrial Direct	WDNR Soil to Groundwater	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	WANW WAS
Sample Depth (feet)	Industrial	Contact RCL	RCL	3	3	3	3	3	6	7	6	7	7	7	7	7
Saturated/Unsaturated				u	U	и	U	ט	υ	IJ	U	U	ט	U	U	υ
PETRÖLEUM VOLATI	LE ORGAN	IC COMPOUN	DS (PVOCs) (j	ig/kg) (4-9)	editope aces	NE DESIGNATION OF THE PERSON O	Phylogen actions		Spring Assessment (1)	Terrangan (ang	Syryatya dawa		มีก็อากมีสาร์เรียกสารสม	Same and success		ta (20072002) billion again.
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-bulyl ether	63800	63600	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	ΝE	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	1302	24200	<25	<25	<25	29.5J	<25	<25	<25	<25	<25	<25	<25	<25
Xvlenes, -m, -p Xvleneso	NE	260000	3960	146000	111	304	<75	306	<75	<75	99	<75	<75	<75	<75	<75
J = Analyte detected above tabo			d of quantitation	The company of the co			(NO.			Annual Contract Contr					The state of the s	
Bold indicates analytical results		RCL														
RCL = Residual Contaminant Le DCL = Direct-Contact Levels	8ve!															
NA = Perameter not analyzed																
NE = NR 720 RCL not establish	ned															

ATTACHMENT B

Site Photographs

West Dispenser Area Photos



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

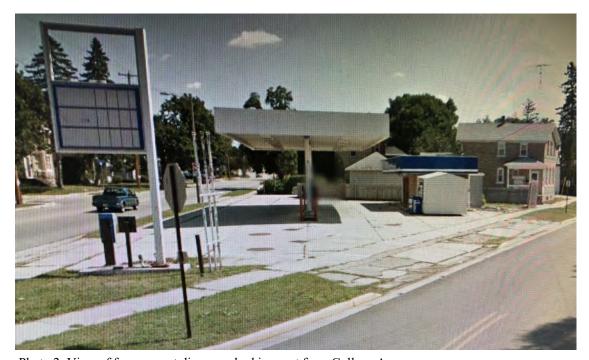


Photo 2: View of former west dispenser looking east from College Avenue.



FORMER MARATHON STATION

РНОТО

905 E. MAIN STREET WATERTOWN, WISCONSIN

Page 1

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.



FORMER MARATHON STATION

PHOTO

905 E. MAIN STREET WATERTOWN, WISCONSIN

Page 2

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.



FORMER MARATHON STATION

PHOTO

905 E. MAIN STREET WATERTOWN, WISCONSIN

Page 3

ATTACHMENT C

Soil Boring Logs

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Waste Management Watershed/Wastewater Route To: Other \square Remediation/Redevelopment Page 1 of 1 Facility/Project Name License/Permit/Monitoring Number Boring Number SGP-1 03-28-583075 Marathon Station Former Drilling Method Date Drilling Started Date Drilling Completed Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi 1/23/2020 1/23/2020 Geoprobe On-Site Environmental Services, Inc. Final Static Water Level Surface Elevation Borehole Diameter WI Unique Well No. DNR Well ID No. Common Well Name 2.0 inches TW-1 Feet MSL 839.0 Feet MSL Local Grid Origin (estimated:) or Boring Location Local Grid Location Lat 437,372 N, 2,311,024 E (S)/C/N State Plane \Box E \sqcap N 0 Feet S Feet W т8 N, R 15 E NE 1/4 of NE 1/4 of Section 4. Long Civil Town/City/ or Village Facility ID County County Code 28 Watertown 0 Jefferson Sample Soil Properties Length Att. & Recovered (in) Soil/Rock Description Depth In Feet Blow Counts Compressive And Geologic Origin For Comments Moisture J - Number and Type Strength PID/FID Plasticity SCS Content Graphic Liquid Each Major Unit Limit P 200 P Light grey sandy GRAVEL, dry (FILL) 60 GP U GW S -1.5 GP Brown/grey GRAVEL, dry (FILL) 0 Light brown SAND, moist -3.0SW -4.5 Yellowish orange silty SAND, saturated 60 GP 24 U S H 6.0 -7.5 9.0 SM 0 P U 48 10.5 GP 36 S H -12.0light grey 12' to 14' bgs End of End of boring @ 14' bgs. Temporary Boring monitoring well TW-1 installed to 12' bgs. Borehole abandoned with hydrated bentonite chips following groundwater sampling. I hereby certify that the information on this form is true and correct to the best of my knowledge. Signature, The Sigma Group Tel: 414-643-4200 1300 W Canal St Milwaukee, WI 53233 Fax: 414-643-4210

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

			Ro	watershed/Wastewater Remediation/Redevelopr	ment 🛛	Waste I Other	_	ement (
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	ty/Project rathon			rmar		03-28			ing Nu	mber		Boring	Numbe	SG	P-2	
				f crew chief (first, last) and Firm		Date Dri			-	Dat	te Drilli	ng Com	pleted	50.		ling Method
To	пу Кар	ugi		tal Services, Inc.				/2020				1/23/2	.020		G	eoprobe
	nique W				Well Name	Final Sta	tic Wa	ter Level	1 :	Surface	e Elevat	ion		Bo		Diameter
					W-2		Feet l	MSL			338.6 1				2.0	inches
State	Grid Or Plane		437		C/N	La		0	-		Local C		□N			ΩЕ
NE		of N	IE 1		I, R 15 E	Long County Co		Civil To	/Ci	lill or l	Lillaga	Feet	□ s			Feet W
Facili 0	ty ID			County Jefferson		28	de	Water			village					
	aut.			Jefferson		20		Water	town		1	Soil	Prope	rties		
Sa	mple											2011	riope	11165		1
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Descri And Geologic Orig Each Major U	gin For		uscs	Graphic Log	Well	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60	P	=	Light grey sandy GRAVE	L, dry (FIL	LL)										
GP	36	U S H	-1 -2	Light brown			GW			0						
			-3 -4	Light grey gravelly CLAY soft (FILL)	, moist, m	edium	CL			0						
2 GP	60 30	P U S H	_5 _6 _7	Light grey, light brown, an GRAVEL, moist to saturat	od dark gre ted (FILL)	 Ру	GP			1.3						
			_8 _9	Greenish grey silty CLAY, grey soil ~8' bgs	, wet, 1" d	ark	CL/M	1		0.2						
3 GP	24 NR	P U S H	-10 -11 -12	End of boring @ 12' bgs. To monitoring well TW-2 instance Borehole abandoned with bentonite chips following a sampling.	talled to 12 hydrated	2' bgs.										End of Boring
_											1					1
		y that	the info	ormation on this form is true and cor	Tel			_								
Signa	iture 5	1	/	SKE	Firm The	Sigma () W Canal	Group) wankee	WI 53	233						414-643-421 414-643-421

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

			Ro		Vastewater □ n/Redevelopment ⊠	Waste l	_	ement								
													Pag		of	1
	y/Projec					License/			ring Nu	imber		Boring	Numb	SG	D 2	
			ion Fo	ormer of crew chief (first, last)	and Firm	Date Dri			_	Dat	te Drilli	no Con	nnleted			ling Method
	y Kap	-	Name C	if crew ciner (mst, last)	and I mit	Date Di	inig o	laricu			C Di iiii	ing Con	picted		Din	ing memor
On-	Site E	nvir	onmer	ntal Services, Inc.			1/23	/2020				1/23/2	.020			eoprobe
	ique W			DNR Well ID No.	Common Well Name				el S		e Elevai			Во		Diameter
					TW-3		Feet 1	MSL			39.5 I				2.0	inches
Local State		igin		stimated:) or Bo 396 N, 2,311,040		La	t	٥	1		Local C	rid Lo				□ Е
NE		of N		/4 of Section 4,	T 8 N, R 15 E	Long	p	0	1-	11		Feet	□ N □ S			Feet W
Facilit		01 1	1	County	1 0 1,,11 10 1	County Co		Civil T	own/Ci	ty/ or '	Village					
0				Jefferson		28		Wate	rtown							
San	ple											Soil	Prope	rties		
	(ii) &	N.	et	Soil/I	Rock Description		1				e e		-			
_ e	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	And G	eologic Origin For		S		8	۵	Compressive Strength	e 1		<u>5</u>		RQD/ Comments
nbe Typ	Length Att. Recovered (× C	oth I	Ea	ch Major Unit		SCS	Graphic Log	Well	PID/FID	mpr	Moisture Content	Liquid Limit	Plasticity Index	200)Q)
Number and Type	Ler	Blo	Del				D	Grap	Well		S rs	క రి	Li Çi	Pla	P	× 5
l GP	60	P U	E	Light grey sandy	GRAVEL, dry (F	FILL)	1 - 1		9 1			-				
		S	-1				GW									
		Н	E				0"		8 A	0						
			-2	COLUMN ACTOR												
			-3		e SAND with occa	asional										r 1 0 1
			E	silt, dry (FILL)						0.2						Lab Sample (3-4')
			-4				sw									PVOCs+N
			E				"									
2	60	P	<u>-</u> 5							0.2						
GP	30	U S	F ₋₆						目							
		H	E		GRAVEL, dry (p	ossible	GW	XXX								
			-7	former concrete)	rse SAND, moist	/	SP			0						Lab Sample
			E		ge silty SAND to s	andy				Ü						(7-8')
			-8	SILT, moist to w	yet $\sim 8'$ bgs, soft	andy			泪							PVOCs+N
			<u>-</u> 9	,	0 /											
			E'				SM									
2	24	ъ	E-10							0.5						
GP	24 24	P U	F							0.5						
		S H	-11													
		11	F													1
			-12	End of boring @ monitoring well	12' bgs. Tempora TW-3 installed to	ry 12' bgs.										End of Boring
				Borehole abando	oned with hydrated following groundw	l										
				sampling.	onowing groundw	atoi										
											1					
-		C		1 6 1		hoot of	lenguil	ndae.								
Signa		ry tha	t the inf	formation on this form is	Test										Т-1	414-643-4200
orgina	2	h		S R	111	ie Sigma 00 W Canal			e, WI 53	3233						414-643-4210

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

			Ro		Wastewater □ n/Redevelopment ⊠	Waste Other	_	ement								
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Facilit	y/Proje	ct Nar	me			License			ring Nu	ımber		Boring		er		
			tion Fo				8-583							SG		
			Name	of crew chief (first, last)	and Firm	Date Dr	illing S	tarted		Dat	e Drilli	ng Con	pleted		Dril	ling Method
Ton On-	y Kar Site E	ougi Invir	onme	ntal Services, Inc.			1/23	/2020				1/23/2	020			eoprobe
	ique W			DNR Well ID No.	Common Well Nam				el S		Elevat			Bo		Diameter
							Feet 1	MSL			39.6 F				2.0	inches
Local		rigin	(e	stimated: (1) or Bo ,401 N, 2,311,044	E S/C/N	La	at	0		- 11	Local G	rid Lo	100			
State I		of N		1/4 of Section 4,	T 8 N, R 15 E	111.5		0	9	11		Feet	□ N □ S			☐ E Feet ☐ W
Facilit		01 10	N.C.	County	1 0 N, K 13 E	County Co		Civil T	own/Ci	ty/ or 1	Village	reet		_		TCCT W
0	, 12			Jefferson		28	302	A. C. C. C.	rtown	-						
San	nnle											Soil	Prope	rties		
	12			Soil/I	Rock Description											
	Length Att. & Recovered (in)	Blow Counts	Depth In Feet		eologic Origin For						Compressive Strength					ts
ype	th A vere	S	n r		ch Major Unit		CS	hic	ram	EID	pres gth	ture	. e	icity		m er
Number and Type	Length Att. Recovered (low	eptl		on major ome		US (Graphic Log	Well Diagram	PID/FID	om	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
7 8	60	P		Light grey sandy	GRAVEL, dry (FILL)	-	XXXX	N D	Д_	S	20		d II	_Д_	H 0
GP	36	U	E	Light gicy sandy	OKA VEL, diy ((ILL)	GW			0						
		S H	E-1	Yellowish orang	e SAND with occ	asional										
			E	silt, dry (FILL)												
			-2							0						Lab Sample (2-3')
			E_3													PVOCs+N
			=				\$W/SI	√‱								
1			-4													
- 70																
2	36	P	-5							0						
GP	26	U	=	A												
		S H	-6	Light grey sandy	GRAVEL (poss.	former	GW									
			E 7	concrete), dry (F		/				0						
			E	Light brown silt	y SAND, coarse,	moist	SM									
			-8		011 - D											End of
				abandoned with	8' bgs. Borehole hydrated bentonit	e chins										Boring
				abandoned with	nydrated bentonn	e chips.										
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I herel	oy certi	fy tha	t the inf	formation on this form is	true and correct to the	e best of my	knowle	edge.								
Signat		-		15 R		he Sigma									Tel:	414-643-4200
-	/	1	1	5	> 12	OO W Canal			WI 53	1222						414-643-4210

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

			Roi		/astewater □ /Redevelopment ⊠	Waste I Other	_	ement								
													Pag	e 1	of	1
	y/Projec					License/			ring N	ımber	-	Boring	Numb		D 6	
			ion Fo		and Piana	Date Dri				Dot	e Drilli	na Can	nnleted	SG		ling Method
			Name o	f crew chief (first, last)	and rim	Date Dir.	iiiig 3	laited		Dai	e Dilli	ng Con	iipicicu		Din	ing wichiou
	y Kap Site E		onmen	tal Services, Inc.			1/23	/2020				1/23/2	2020		G	eoprobe
	ique W			DNR Well ID No.	Common Well Name				el :		Elevat			Bo		Diameter
							Feet 1	MSL			39.3 I				2.0	inches
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0				Jefferson		28		Wate	rtown	l						
San	ple			-								Soil	Prope	erties		
	& in)	S	ᇦ	Soil/F	lock Description						o					
a)		Blow Counts	Depth In Feet	And Go	ologic Origin For			ł., I	_		Compressive Strength	9		ا ج		RQD/ Comments
Typ	Length Att. Recovered	Ŭ ≥	th Ir	Eac	ch Major Unit		CS	Graphic Log	Well Diagram	PID/FID	npre	istur	uid nit	Plasticity Index	00	D/ nme
Number and Type	Len	Blo	Dep				S U	Grap	Well Diagr	PID	Compres Strength	Moisture Content	Liquid Limit	Plastic Index	P 200	RQ
I GP	60 36	P U S		Light grey to tan (FILL)	sandy GRAVEL,	dry										
		Н	12.0							0						
	ļ.		-2													
			-3				GW			0						
			-4				GW									
			E													
2	36	P	-5													
GP	26	U S	E-6							0						
		Н	111													
			-7	Yellowish orange	silty SAND, mo	ist to		m		20.2		K II				Lab Sample
			-8	wet, slight hydro	carbon odor		SM									(7-8') PVOCs+N
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		fy that	t the info	ormation on this form is	true and correct to the	best of my	knowle	edge.								
Signal	ure 5	1	/	5 Pl		ne Sigma (00 W Canal			, WI 53	3233						414-643-4200 414-643-4210

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

					Wastewater □	Waste I Other	_						Pag	e 1	of	1
Facility	/Proje	et Nar	ne			License/			ring Nu	ımber		Boring	Numbe	er		
			ion Fo			03-28								SG		
Boring	Drille	By:	Name (of crew chief (first, last)	and Firm	Date Dri	lling S	tarted		Dat	e Drilli	ng Con	pleted		Dril	ling Method
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	ique W			DNR Well ID No.	Common Well Nam	e Final Sta	tic Wa	ter Leve	el S	Surface	Elevat	ion		Bo		Diameter
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٦ e	Length Att. Recovered	Blow Counts	Depth In Feet	And G	eologic Origin For		S	l _o	_E	Q	Compressive Strength	e t		<u> </u>		RQD/ Comments
Number and Type	gth	×	oth I	Ea	ch Major Unit		O	Graphic Log	Well Diagram	PID/FID	Compres Strength	istu nten	Liquid Limit	Plasticity Index	00	Q u
Number and Typ	Len	Blo	Dep				S O	Grap Log	Well Diagi	PIL	Coo	Moisture Content	Liquid Limit	Plastic Index	P 200	RQ Co
1	60	P	=	Light grey sandy	GRAVEL, dry (1	FILL)		XXX								
GP	40	U S	Eı				GW			0						
		Ĥ	E 1				"	\bowtie								
			-2					XXXX		0						Lab Sample
- 13	1 1		-	Yellowish orange gravel (FILL)	e SAND, dry, trac	e		\bowtie		0						(2-3")
			-3	graver (FILL)												PVOCs+N,
			E													Soil Duplicate
			-4				SW									collected
- 1			Ē											l V		-
2	36	P	E-5					\bowtie		0						
GP	28	U S	E.	Tight supplied	ht vallani agoval (GW									
		H	F-6	former concrete)	ht yellow gravel (possible	GW	XXX								
			E ₇		rellowish orange s	ilty	CAL			0						
			B	SAND, moist to	saturated~7.5' bgs	3, 2"	SM									
			-8	siltier layer at 6.												End of
				End of boring @	8' bgs. Borehole											Boring
				abandoned with	hydrated bentonit	e chips.										
		ľ														
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I herel	v certi	fy tha	t the inf	ormation on this form is	true and correct to the	best of my l	knowle	dge.								
Signat		., uid	. are mi												Tr. 1	414 642 4000
o End	5	6		574	13	ne Sigma			. WI 51	1222						414-643-4200 414-643-4210

State of Wisconsin

SOIL BORING LOG INFORMATION

Fax: 414-643-4210

Rev. 7-98

Department of Natural Resources Form 4400-122 Watershed/Wastewater Waste Management Route To: Other Remediation/Redevelopment Page 1 of 1 License/Permit/Monitoring Number Boring Number Facility/Project Name SGP-7 03-28-583075 Marathon Station Former Date Drilling Started Date Drilling Completed Drilling Method Boring Drilled By: Name of crew chief (first, last) and Firm Tony Kapugi Geoprobe On-Site Environmental Services, Inc. 1/23/2020 1/23/2020 DNR Well ID No. Common Well Name Final Static Water Level Surface Elevation Borehole Diameter WI Unique Well No. 2.0 inches 839.7 Feet MSL Feet MSL Local Grid Origin (estimated:) or Boring Location Local Grid Location Lat. 437,392 N, 2,311,044 E State Plane (S)/C/N □ E \square N Feet W Feet S 1/4 of Section T 8 N, R 15 E Long NE 1/4 of NE County Code Civil Town/City/ or Village Facility ID County 28 Watertown 0 Jefferson Soil Properties Sample Length Att. & Recovered (in) Soil/Rock Description Compressive Strength Depth In Feet Blow Counts Length Att. And Geologic Origin For Moisture Diagram PID/FID Plasticity Graphic Content Number Liquid Each Major Unit USC P 200 Well Light grey sandy GRAVEL, dry (FILL) 60 P U S GP 0 GW Η Yellowish orange SAND, dry to moist, -2 Lab Sample 0 intermixed grey gravel 5.5 to 6 ft bgs (2-3')(possible former concrete) (FILL) PVOCs+N -3SW -5 P 0 36 GP 28 U S H Light brown to yellowish orange sandy 0 SILT, medium soft, moist to saturated ML \sim 7.5' bgs 8 End of End of boring @ 8' bgs. Borehole Boring abandoned with hydrated bentonite chips. 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

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 be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

1300 W Canal St Milwaukee, WI 53233

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

			Ro		d/Wastewater □ ion/Redevelopment ⊠	Waste i Other	_	ement								
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	y/Proje		ne ion Fo	rmer		License/ 03-28			ring Ni	ımber		Boring	Numb	er SG	P-8	
				of crew chief (first, la	st) and Firm	Date Dri				Da	te Drilli	ng Con	npleted			ling Method
Ton	у Кар	ougi		ntal Services, Inc			1/23	/2020				1/23/2	2020			eoprobe
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0				Jefferson		28	1	Wate	rtown							
San	ple							-				Soil	Prope	erties		
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	And	il/Rock Description Geologic Origin For Each Major Unit		uscs	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
GP 2 GP	36 18	P U S H	-1 -2 -3 -4 -5 -6 -7 -8	moist to satura End of boring abandoned wit	ted ~ 7.75' bgs @ 8' bgs. Borehole h hydrated bentonit		GW			0 0 0						Lab Sample (7-8') PVOCs+N End of Boring
		fy that	t the inf		is true and correct to the											-
Signat	ure _	0	2	152	Firm Th	ne Sigma 00 W Canal			e, WI 53	3233						414-643-4200 414-643-4210

ATTACHMENT D

Abandonment Forms

Well / Drillhole / Borehole Filling & Sealing

Form 3300-5 (R 4/08)

Page 1 of 2

Removed Well Marathon Station Former Facility ID (FID or PWS) O	☐ Verification Only o	of Fill and	l Seal	Route to	o: rinking \	Water] Watershed	i/Wastewater	⊠ R	emediation	/Redevelo	pment
Method Code (see instructions Facility Name Method Code (see instructions Method Code	SGP-1			□ v	aste M	anageme							
Address of Present Owner State S			4 3					Owner Inf	ormation		-1-5		
Lastuade Longitude (Degrees and Minutes) Method Code (see instructions) Output Outp			# of	Hicap #				Station Forn	ner				
" " N								or PWS)					
3.28.583075 3.28.583075		and Minutes)	N	Method Code	(see in	structions	0						
Main	o ' "'N						License/Permit	/Monitoring	#				
A	o 1 "1W				-		03-28-5830	075					
Well City, Village or Town Well City, Village or Town Watertown Subdivision Name Lot # Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Subdivision Name Well City (Village or Town Subdivision Name Lot # Well City (Village or Town Lot Agent Active or Well # Well City (Village or Town Lot Agent Active Lot Age	1/4 / 1/4 NE 1/4 NE	Sec	ction			E	Original Well C)wner					
Jefferson County Mailing Address of Present Owner Mailing Address of Present Owner State ZIP Code	or Gov't Lot #		4	8	15	\square w							
Mailing Address of Present Owner State ZIP Code Subdivision Name Lot # State ZIP Code Subdivision Name Lot # Jefferson State ZIP Code Jefferson	Well Street Address	-											
Well ZiP Code Sitate ZiP Code State ZiP Code Subdivision Name Lot # State ZiP Code Subdivision Name Lot # State ZiP Code								-					
Waterfown Subdivision Name Lot # State ZiP Code S3549 Reason For Removal From Service Vit Unique Well # of Replacement Well A Pump, Liner, Screen, Casing & Sealing Material Pump and piping removed? Yes No N/A No Further Use Vit Unique Well # of Replacement Well Pump and piping removed? Yes No N/A				Mell 7IP	Code				Owner				
Reason For Removal From Service No Further Use No Further Use No Further Use Monitoring Well Porilihole / Borehole Information Winding Well Porilihole / Borehole Information Winding Well Porilihole / Borehole Winding Well W	-			VVCII 211	Oode		-				Ctata	7ID Cor	40
Reason For Removal From Service Wi Unique Well # of Replacement Well 4, Pump, Liner, Screen, Casing & Sealing Material Pump and piping removed? Yes No N/A				Lot#				t Owner			F. 300 C.	100	
Reason For Removal From Service No Further Use Well / Drillhole / Borehole Information	Subdivision Name			Lot "					Cooler 9 C	Sentine Met	lu-	3334	9
No Further Use 3. Well / Drillhole / Borehole Information Monitoring Well	Peason For Removal From Ser	vice WII	Inique We	ell # of Replac	cement '	Well	4. Pump, Li	ner, Scree	n, casing a s	sealing wat		N. 5	Z N//A
Monitoring Well		1100	Jquu				Pump and p	oiping remov	ed?	<u>_</u>	=		
Monitoring Well		ole Informa	ation	S - 255			Liner(s) rem	noved?			=		=
Water Well If a Well Construction Report is available, please attach. Support of the plant				struction Dat	e		Screen rem	ioved?		F	5	: :	≓
Water Vveil Talk Well Construction Report is available, please attach. Vvaic asing out of relower to surface? Yes No N/A	Monitoring Well		1/23/202	.0			Casing left	in place?					
Construction Type: Drilled Driven (Sandpoint) Dug	Water Well						Was casing	cut off belov	w surface?			; =	=
Did material settle after 24 hours? If yes, was hole Total Well Depth (Feel)? Was well annular space grouted? Yes No NA Drilled Driven (Sandpoint) Dug	Drillhole / Borehole					S						; -	=
Driven (Sandpoint) Dug If yes, was floter tellipher If bentonite chips were used, were they hydrated with water from a known safe source Yes No N/A										-	; =	-	=
with water from a known safe source		7 Deiven (Ce	andpoint)	Г	7 Dug			•		L] 103 [] 110 2	<u> </u>
Other (Specify) Conductor Pipe-Gravity Conductor Pipe-Pumped	Drilled] Driven (Sa	anupoint)	L	_ Dug					nydrated	Yes T	l No	N/A
Formation Type: Unconsolidated Formation Bedrock Casing Diameter (in.) Casing Depth (ft.) Casing Depth (ft.) Conductor Pipe-Gravity Screened & Poured (Bentonite Chips) Sealing Materials Sealing	Other (Specify)									ial			_
Screened & Poured Other (Explain)	Formation Type:										ictor Pipe-F	umped	
Total Well Depth From Ground Surface (ft) 12.0 Lower Drillhole Diameter (in) 2.0 Was well annular space grouted? Yes No Unknown If yes, to what depth (feet)? Depth to Water (feet) 5. Material Used to Fill Well / Drillhole 7. Supervision of Work Total Well Depth From Ground Surface (ft) Casing Depth (ft.) Sealing Materials Neat Cement Grout Sealing Materials Neat Cement Grout Sand-Cement (Concrete) Grout Sentonite-Sand Slurry " " Sealing Materials Neat Cement Grout Sentonite-Sand Slurry " " Sealing Materials Neat Cement Grout Sentonite-Sand Slurry " " Sealing Materials Neat Cement Grout Sentonite-Sand Slurry " " Sealing Materials Neat Cement Grout Sentonite-Sand Slurry " " Sealing Materials Non-Yards, Sacks Sealant or Volume (circle one) Mix Ratio or Mud Weight To (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) DNR Use Only	Unconsolidated Formation			Bedrock					••••				
Sealing Materials Clay-Sand Slurry (11 lb./gal, wt. 2.0 Sand-Cement (Concrete) Grout Bentonite-Sand Slurry " " Concrete Sand-Cement (Concrete) Grout Bentonite Chips Bentonite Chips Bentonite Chips Bentonite - Cement Grout Bentonite - Sand Slurry To (ft.) To (ft.) No. Yards, Sacks Sealant Mix Ratio Or Mud Weight Surface 14.0 Surface 14.0 DNR Use Only		Curface (ft)	Casina	Diameter (in	1		-				` ' '		
Lower Drillhole Diameter (in.) Lower Drillhole Diameter (in.) Lower Drillhole Diameter (in.) Casing Depth (ft.) Casing Depth (ft.) Neat Cernent Grout Sand-Cement (Concrete) Grout Concrete Concrete For Monitoring Wells and Monitoring Well Boreholes Only: Bentonite - Cement Grout Bentonite - Cement Grout Granular Bentonite Bentonite - Sand Slurry To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mix Ratio or Mud Weight Surface 14.0 DNR Use Only		Surface (It)	Casing	Diameter (iii	,								
Lower Drillhole Diameter (in.) 2.0 Was well annular space grouted? Yes No Unknown If yes, to what depth (feet)? Depth to Water (feet) Depth to Water (feet) To (ft.) Sand-Cement (Concrete) Grout Bentonite - Sand Slurry Bentonite - Cement Grout Bentonite - Cement Grout Bentonite - Sand Slurry From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mix Ratio or Mud Weight Surface 14.0 DNR Use Only	12.0									Пс	av-Sand S	urry (11 lt	b /gal wt
2.0 Was well annular space grouted? Yes No Unknown For Monitoring Wells and Monitoring Well Boreholes Only: If yes, to what depth (feet)? Depth to Water (feet) Bentonite Chips Bentonite - Cement Grout Bentonite - Sand Slurry 5. Material Used to Fill Well / Drillhole From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Surface 14.0 DNR Use Only	Lower Drillhole Diameter (in.)		Casing	Depth (ft.)					rete) Grout		•		
If yes, to what depth (feet)? Depth to Water (feet) Granular Bentonite Chips Bentonite - Cement Grout Bentonite - Sand Slurry 5. Material Used to Fill Well / Drillhole From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mix Ratio or Mud Weight Surface 14.0 DNR Use Only	2.0								,	⊠ в	entonite Ch	ips	
If yes, to what depth (feet)? Depth to Water (feet) Granular Bentonite Granular Bentonite Bentonite - Cement Grout Bentonite - Sand Slurry To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mix Ratio or Mud Weight Surface 14.0 DNR Use Only	Was well annular space groute	d?	Yes 🗵	No [] Unkn	own	For Monitoring	g Wells and	Monitoring Wel	Boreholes C	only:		
5. Material Used to Fill Well / Drillhole From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) or Mud Weight 3/8" Bentonite Surface 14.0 6. Comments DNR Use Only			epth to Wa	ater (feet)			Bentoni	te Chips		Bentonite - 0	Cement Gr	out	
5. Material Used to Fill Well / Drillnole 3/8" Bentonite Surface Surface 14.0 DNR Use Only	Joe , to man depart (12-3)						Granula	r Bentonite		Bentonite - S	Sand Slurry		
6. Comments DNR Use Only	5. Material Used to Fill W	/ell / Drillho	ole				From (ft.)	To (ft.)					APCOCA.
6. Comments DNR Use Only													
6. Comments 7. Supervision of Work DNR Use Only	3/8" Bentonite						Surface	14.0					
7. Supervision of Work DNR Use Only	5,0 Bentonite												
7. Supervision of Work DNR Use Only								1					
7. Supervision of Work DNR Use Only													
7. Supervision of Work DNR Use Only	6. Comments						**				10		
	7. Supervision of Work									DN			

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

Well / Drillhole / Borehole Filling & Sealing Form 3300-5 (R 4/08) Page 1 of 2

☐ Verification Or	nly of Fill a	nd Seal		oute to	: inking Water] Watershee	d∕Wastewater	⊠ Ren	nediatior	/Redev	/elopment
SGP-2				_	aste Managem	ent	Other					
1. Well Location Info	rmation		1000	5 3 3	part of	2. Facility /	Owner Inf	ormation		3	901	30 P. C.
County	WI Unique W Removed We		Hica	ap#		Facility Name Marathon S		ner				
Jefferson Lattitude / Longitude (Degr	rees and Minute	201	Method	l Code	(see instruction	Facility ID (FID	or PWS)					
o I III		53)	Method	0000	(See mondered	0	t/Manitorina	ш				_
0 1 11 1						License/Permi 03-28-5830	_	#				
		Section	Town	ship	Range X E	Ostata at Mall C						
or Gov't Lot #		4	8	В	15 🗒 v	7 CC 8	County					
Well Street Address						Present Well C						
905 E. Main Street						Jefferson (Mailing Addres		Owner		_		
Well City, Village or Town			W	ell ZIP	Code			Owner				
Watertown						311 S Cent			s	itate	ZIP	Code
Subdivision Name			Lo	ot#		Jefferson				WI	53	3549
							ner, Scree	n, Casing & S	ealing Mater			
Reason For Removal Fron	n Service V	VI Unique V	Vell # of	Replac	ement Well		oiping remov			Yes	No	⊠ N/A
No Further Use	a under the letter	man mall a				Liner(s) ren				Yes	No	N/A
3. Well / Drillhole / Bo	orenole intol	Original Co	onstruction	on Date	9	Screen rem	oved?		\boxtimes	Yes _	No	□ N/A
Monitoring Well		1/23/20				Casing left	in place?			Yes 🔀	7	N/A
Water Well						Was casing	cut off below	w surface?		Yes _	No	N/A
Drillhole / Boreho	le		Construe, please				material rise			Yes X	No No	N/A N/A
Construction Type:	Driven	(Sandpoint))		Dug	If yes, wa	Il settle after as hole retop chips were t		nydrated	Yes [] No	⊠ N/A
Other (Specify)								n safe source g Sealing Materi	B2	Yes	No	N/A
Formation Type: Unconsolidated Formation	ation		Bedr	ock		Conduc	tor Pipe-Gra ed & Poured			tor Pipe-l Explain)	Pumpe	d
Total Well Depth From Gr	ound Surface (ft) Casin	g Diame	eter (in.))	(Benton Sealing Mater	ite Chips)					
Lower Drillhole Diameter (in_)	Casin	g Depth	(ft.)		Neat Ce	ement Grout					1 lb /gal. wt
2 0	,,						ement (Cond	crete) Grout		tonite-Sa tonite Ch		rry " "
Was well annular space g	routed?	Yes	No.		Unknown	For Monitoring		Monitoring Well			liha	
If yes, to what depth (feet)		Depth to V		et)	011111101111		te Chips		Bentonite - Ce		out	
						Granula	r Bentonite		Bentonite - Sa			
5. Material Used to F	ill Well / Dril	Ihole			100	From (ft.)	To (ft.)	No. Yards, or Volum	Sacks Seala e (circle one	ant e)		Ratio d Weight
3/8" Bentonite						Surface	12.0	1				
6. Comments				100	12/11/11	1			71-11			
6. Comments												
7. Supervision of Wo	ork							1 7 7 7 7 7	DNR	Use O	nly	
Name of Person or Firm D		Sealing	IL	icense	#	Date of Filling &	Sealing (mm	/dd/yyyy) Date R		Note	_	
The Sigma Group, In						1/23/2020						
Street or Route						Telephone Numb		Comm	ents			
1300 W. Canal Stree	l				Inve	414-643-420	0	187-16		In.	Signe	
City			Sta		ZIP Code	Signature of F	erson Doing	1 /			5igned	
Milwaukee			- V	NI	53233	0-0	-	,		76	1/6	

Well / Drillhole / Borehole Filling & Sealing Form 3300-5 (R 4/08) Page 1 of

□ \/arification ()	alv of Eill or	nd Sool	Route t				1			S	/D a d	evelopment
☐ Verification O	niy oi Fili ai	iù Seai		orinking Wat			Watershed	/Wastewat	er 🖾 F	remediati	on/Rede	evelopment
SGP-3	-200-005-000		v	Vaste Mana	gemer	2. Facility /	Other	amation		-		
1. Well Location Info		11.44 - 6	Hicap #			Facility Name	Owner init	omation				
County	WI Unique We Removed Wel		пісар #			7	Station Form	ner				
Jefferson						Facility ID (FID		ici				
Lattitude / Longitude (Deg	rees and Minute	s) [Method Code	e (see instru	ctions)	0						
0 1 11	' N	- 10				License/Permit	/Monitoring #	‡				
O 1 II	' W				-4	03-28-5830)75					
1/4 / 1/4 NE 1/4	NE S	Section	Township	Range >	E	Original Well C)wner					
or Gov't Lot #		4	8	15	w	Jefferson C						
Well Street Address			1			Present Well C)wner					
						Jefferson C						
905 E. Main Street			Well ZIF	2 Code	-	Mailing Addres		Owner				
Well City, Village or Town			VVCII ZII	0000		311 S Cent				State	710	Code
Watertown Subdivision Name			Lot#		-	City of Present	Owner			WI	1	3549
Subdivision (Valine						Jefferson	nor Corne	n Casino	& Sealing Ma		-	3349
Reason For Removal Fro	m Service W	'I Unique We	ell # of Repla	cement Wel	II				a Seaming Mic	Yes	□ No	N/A
No Further Use							piping remove	ed?	-	Yes	☐ No	
3. Well / Drillhole / E	orehole Infor	mation				Liner(s) rem			5	=	∏ No	=
Monitoring Well		Original Cor	nstruction Da	ite		Screen rem				=	No	=
		1/23/202	20			Casing left		f0		Yes	□ No	□ N/A
Water Well	- 1	If a Well (Construction	Report is		1	cut off belov		, [= 1	☐ No	=
Drillhole / Boreh	ole		please attac			_	material rise		, <u> </u>	Yes	No.	N/A
Construction Type:						1	as hole retop			Yes	☐ No	⊠ N/A
Drilled	Driven (Sandpoint)		Dug					they hydrated			
						1	rom a known			Yes	No.	N/A
Other (Specify)	-				_	Required Meth	nod of Placing	g Sealing M	laterial			
Formation Type:			1				tor Pipe-Grav	ity		luctor Pip		ed
Unconsolidated Form	nation		Bedrock			Screens	d & Poured		Othe	r (Explain)	
Total Well Depth From G	round Surface (f	t) Casing	Diameter (in	١.,)		(Benton	ite Chips)					
12.0						Sealing Mater	ials					
Lower Drillhole Diameter	(in_)	Casing	Depth (ft.)			Neat Ce	ement Grout			-		11 lb./gal, wt
	(***)						ement (Conc	rete) Grout		Bentonite-		urry " "
2.0		7 6	7 [1	_	Concret				Bentonite	Chips	
Was well annular space			No L	Unknown	1			Monitoring	Well Boreholes		O	
If yes, to what depth (fee	t)?	Depth to W	ater (feet)				te Chips		Bentonite -			
				-			r Bentonite	No Vo	rds, Sacks Se		10000	x Ratio
5. Material Used to	Fill Well / Drill	hole				From (ft.)	To (ft.)	or Vo	lume (circle o	one)		ud Weight
-												
3/8" Bentonite						Surface	12.0					
										_		
		-				1						
6. Comments					_						_	
7 Comparintain of M.	l o ele								D	NR Use	Only	
Supervision of W Name of Person or Firm		ealing	Licens	e #	ID	ate of Filling &	Sealing (mm/	/dd/yyyy)			ted By	
The Sigma Group, 1		3				1/23/2020	• .					
Street or Route	110.		-		T	elephone Numb	per	C	omments			
1300 W. Canal Stre	et					414-643-420						
City			State	ZIP Code	9	Signature of F	Person Doing	Mork _			te Sign	
Milwaukee			-WI	53233	3	ar	> 1	~			129/	20

Well / Drillhole / Borehole Filling & SealingForm 3300-5 (R 4/08) Page 1 of

Verification Only of Fill and Seal □ Drinking Water □ Watershed/Wastewater □ Remedia SGP-4 □ Waste Management □ Other 1. Well Location Information 2. Facility / Owner Information Facility Name Marathon Station Former Facility ID (FID or PWS) 0 ' ' ' ' N 0 ' ' ' ' W 1. Well Street Address 905 E. Main Street Original Well Owner Jefferson County Malling Address of Present Owner Mastershed/Wastewater Watershed/Wastewater Watershed/Watershed/Wastewater Watershe	iation/Redevelopment
County	
County Jefferson Lattitude / Longitude (Degrees and Minutes) o ' " 'N o ' " 'W NE Or Gov't Lot # Well Street Address Wi Unique Well # of Removed Wel	
Removed Well Marathon Station Former Facility ID (FID or PWS)	
Section Facility ID (FID or PWS) O	
o ' " 'N o ' " 'W License/Permit/Monitoring # 03-28-583075 % / % NE	
o ' ' ' ' W	
¼ / ¼ NE ¼ NE or Gov't Lot # 4 Well Street Address Township 8 Range 15 W Original Well Owner Jefferson County Present Well Owner Jefferson County	
or Gov't Lot # Well Street Address 4 8 15 W Jefferson County Present Well Owner Jefferson County	
Well Street Address Present Well Owner Jefferson County	
Well Street Address Jefferson County	
Well City, Village or Town Well ZIP Code 311 S Center Ave	
Watertown City of Present Owner State	ZIP Code
Subdivision Name Lot # Jefferson WI	1 53549
4. Pump, Liner, Screen, Casing & Sealing Material	
Reason For Removal From Service WI Unique Well # of Replacement Well Pump and piping removed? Yes	
No Further Use Liner(s) removed?	
3. Well / Drillhole / Borehole Information Original Construction Date Screen removed?	
Monitoring Well 1/23/2020 Casing left in place? Yes	s No N/A
Water Well Was casing cut off below surface?	= =
Drillhole / Borehole If a Well Construction Report is Did sealing material rise to surface? Yes Yes	
Did material settle after 24 hours?	
Construction Type: If yes, was hole retopped? Yes Drilled Driven (Sandpoint) Dug If bentonite chips were used, were they hydrated	s No N/A
In Berneline dinpo Note deed, Note die, Nystates	s No N/A
Other (Specify) with water from a known safe source Required Method of Placing Sealing Material	110
	Pipe-Pumped
☐ Unconsolidated Formation ☐ Bedrock ☐ Screened & Poured ☐ Other (Expla	•
Total Well Depth From Ground Surface (ft) Casing Diameter (in.) (Bentonite Chips)	
Sealing Materials	
Lower Drillhole Diameter (in.) Casing Depth (ft.) Neat Cement Grout Clay-Sar	and Slurry (11 lb /gal. wt
Sand-Cement (Concrete) Grout Bentonit	te-Sand Slurry " "
	te Chips
Was well annular space grouted? Yes No Unknown For Monitoring Wells and Monitoring Well Boreholes Only:	
If yes, to what depth (feet)? Depth to Water (feet) Bentonite Chips Bentonite - Cemen	
Granular Bentonite Bentonite - Sand S	
5. Material Used to Fill Well / Drillhole From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one)	or Mud Weight
3/8" Bentonite Surface 8.0	
	-
6 Comments	
6. Comments	
7. Supervision of Work DNR Us	
Name of Person of Time Boiling Timing & Coding	Noted By
The Sigma Group, Inc. 1/23/2020	
Street or Route Telephone Number Comments	
1300 W. Canal Street 414-643-4200 City State ZIP Code Signature of Person Doing Work	Date Signed
City State ZIP Code Signature of Person Doing Work WI 53233	1/24/20

Well / Drillhole / Borehole Filling & Sealing Form 3300-5 (R 4/08) Page 1 of 2

☐ Verification C	only of Fill a	nd Seal	Route			7		፟.		. (D - 1 - 1	!
	of the a	na ocai		Drinking Water		_	/Wastewater		Remediatio	n/Redev	elopment
SGP-5				Waste Managem		Other	a market			-	
1. Well Location Inf County	WI Unique W	ell # of	Hicap #		2. Facility / Facility Name	Owner Init	ormation				
County	Removed We		Tilcap ii			Station Form	ner				
Jefferson					Facility ID (FID						
Lattitude / Longitude (De	egrees and Minut	es)	Method Cod	e (see instruction							
	' ' N				License/Permi	t/Monitoring #	#				
	' 'W			-	03-28-583	075					
1/4 / 1/4 NE 1/4	NE	Section	Township	Range X E	Original Well (Owner					
or Gov't Lot #		4	8	15 🗍 v		County					
Well Street Address				A	Present Well (Owner					
005 5 14 : 01					Jefferson (
905 E. Main Street Well City, Village or Tow			Well 7	P Code	Mailing Addres		Owner				
	///		VVCIIZI	. 0000	311 S Cen				louse	מוצ	Code
Watertown Subdivision Name			Lot #		City of Presen	it Owner			State	1000	
Cobalvioloff Hame					Jefferson	now Course	Cacina P	Coaling Ma	WI	3.	549
Reason For Removal Fr	om Service V	VI Unique W	ell # of Repla	acement Well				Sealing Ma		7 No	N/A
No Further Use						piping remove	ed?	<u></u>	」Yes] No] No	N/A N/A
3. Well / Drillhole /	Borehole Info	mation		100	Liner(s) ren			<u></u>] Yes [] No	N/A
Monitoring Wel	11	Original Co	nstruction Da	ate	Screen rem			<u> </u>	Yes [] No	N/A
		1/23/202	20		Casing left				Yes [] No	□ N/A
Water Well		If a Well	Construction	Report is		g cut off belov		<u> </u>		7 No	H N/A
Drillhole / Borel	hole		, please atta			material rise			Yes	No.	N/A
Construction Type:						al settle after 2 as hole retopp		F	Yes [No	N/A
Drilled	Driven	(Sandpoint)		Dug		chips were u		v hydrated	_	_	
		` ' '				from a known		y nyarataa 🔀	Yes [No	N/A
Other (Specify)					Required Meth			erial			
Formation Type:			,			tor Pipe-Grav	rity	Condi	uctor Pipe-	Pumpe	d
Unconsolidated For	mation	L	Bedrock		Screene	ed & Poured		U Other	(Explain)		
Total Well Depth From (Ground Surface (ft) Casing	Diameter (i	n.)	(Benton	ite Chips)					
					Sealing Mater	ials					
Lower Drillhole Diameter	r (in)	Casing	Depth (ft.)		Neat Ce	ement Grout		∐ c	lay-Sand S	Slurry (1	1 lb /gal. wt
2.0					Sand-C	ement (Conci	rete) Grout		entonite-S		ту "
2,0			7 [7	Concret				entonite C	hips	
Was well annular space		-	No [_ Unknown	For Monitoring		Monitoring W	1			
If yes, to what depth (fee	et)?	Depth to W	ater (feet)			te Chips	-	Bentonite -			
					Granula	r Bentonite		Bentonite -			Ratio
5. Material Used to	Fill Well / Dril	Ihole			From (ft.)	To (ft.)	or Volu	s, Sacks Sea me (circle o	ne)		Weight
3/8" Bentonite					Surface	8.0			-		
							-			-	
6. Comments										3	
7. Supervision of V	Vork							DN	IR Use O	nly	V.
Name of Person or Firm		Sealing	Licens	se #	Date of Filling &	Sealing (mm/	dd/yyyy) Date	Received	Note	d By	
The Sigma Group,	Inc				1/23/2020						
Street or Route					Telephone Numb	per	Com	ments			
1300 W. Canal Stre	eet		-12:		414-643-420			-	1-	0.	
City			State	ZIP Code	Signature of F	erson Doing	Work			Signed 29/2	
Milwaukee			WI	53233	a	110	-		1/	015	0

Well / Drillhole / Borehole Filling & Sealing Form 3300-5 (R 4/08) Page 1 of

☐ Verification Onl	ly of Eill or	nd Sool	Route	to:	_	_		K-7		
	iy Oi i iii ai	iu ocai		Drinking Water		_	d/Wastewater	∠ Remed	diation/Red	evelopment
SGP-6				Waste Manager		Other				
1. Well Location Inform	mation WI Unique We	11 # of	Hicap #		2. Facility		ormation			
County	Removed Well		mcap #		J J L L L L L L	Station Forr	mer			
Jefferson					Facility ID (FI		iici			
Lattitude / Longitude (Degre	es and Minute	s) N	lethod Cod	e (see instructio		,				
0 1 11 1	N				License/Perm	it/Monitoring	#			
0 1 11 1	W				03-28-583	075				
14/14 NE 14 N	NE S	ection	Township	Range 🖂	E Original Well	Owner				
or Gov't Lot#		4	8	1 15 -	W Jefferson (
Well Street Address					Present Well	Owner				
005 5 Mai- Charak					Jefferson (
905 E. Main Street Well City, Village or Town			Well ZII	P Code	Mailing Addre		Owner			
Watertown					311 S Cen			Ctat	- 715	Code
Subdivision Name			Lot #		City of Presen	it Owner		State		
					Jefferson	inor Scroo	n Casina &	Sealing Materia		53549
Reason For Removal From	Service W	I Unique Wel	l # of Repla	cement Well				☐ Ye		N/A
No Further Use						piping remove	ed?	☐ Ye	=	F-7
3. Well / Drillhole / Bo					Liner(s) rer			☐ Ye	=	5 4
Monitoring Well	(Original Cons		ite	Casing left			☐ Ye	s No	5.0
Water Well	-	1/23/2020)		- 0.5	g cut off below	v surface?	☐ Ye	s No	N/A
			onstruction			material rise		₩ Ye	s 🔲 No	N/A
Drillhole / Borehole	,	available, p	lease attac	ch.		al settle after :		Ye	s 🔯 No	N/A
Construction Type:					If yes, w	as hole retop	ped?	Ye	s 🗌 No	N/A
□ Drilled	Driven (Sandpoint)		Dug	If bentonite	chips were u	ised, were the	y hydrated	_	_
Other (Specify)						from a known		⋈ Ye	s No	N/A
Formation Type:					Required Met					
Unconsolidated Format	tion		Bedrock			tor Pipe-Grav	/ity	Conductor		ed
					_	ed & Poured		☐ Other (Expl	ain)	
Total Well Depth From Gro	und Surface (ft)	Casing L	Diameter (in	L)	2.	nite Chips)				
					Sealing Mater	nals ement Grout		Clau Sa	and Chiene	(11 lb./gal. wt.)
Lower Drillhole Diameter (in	1.)	Casing D	Depth (ft.)			ement Grout ement (Conci	rete) Grout		ite-Sand Sl	
2,0					Concret	•	rete) Grout		ite Chips	ully
Was well annular space gro	outed?	Yes 🛛	No [Unknown			Monitorina W	ell Boreholes Only:		
If yes, to what depth (feet)?		Depth to Wat	er (feet)			ite Chips		Bentonite - Ceme	nt Grout	
					Granula	ar Bentonite		Bentonite - Sand	Slurry	
5. Material Used to Fil	I Wall / Drille	nolo			From (ft.)	To (ft.)		s, Sacks Sealant		x Ratio
5. Material Osed to Fil	i Weil / Dillil	1010			Trom (ray	10 (14.)	or Volu	me (circle one)	or Mu	ud Weight
0.1011 D					6 6	0.0				
3/8" Bentonite			_		Surface	8.0			+	
-									1	
6. Comments								- 1		
7. Supervision of Wor								DNR Us		
Name of Person or Firm Do	ing Filling & Se	aling	License	e #	Date of Filling &	Sealing (mm/	dd/yyyy) Date	Received	Noted By	
The Sigma Group, Inc.					1/23/2020		0-	monte		
Street or Route					Telephone Numb		Com	ments		
1300 W. Canal Street			State	ZIP Code	414-643-420 Signature of P		Work .		Date Signe	ed .
Milwaukee			WI	53233	Signature of F	152	6		V29/	
1.111 Tradited			1	1						

Well / Drillhole / Borehole Filling & Sealing Form 3300-5 (R 4/08) Page 1 of 3

☐ Verificat	ion (Only of Fill a	and Seal	Rout	e to: Drinking Wate	r		☐ Watershed	d/Wastew	ater 🖂	Remedia	ition/R	edevelo	opment
SGP-7					Waste Manage	emen	it	Other						
1. Well Locati	on In	formation					2. Facility /	Owner Int	iormatio	n		2	20	3 11
County		WI Unique V Removed W		Hicap #			Facility Name							
Jefferson		Removed W	/eii					Station For	mer					-
Lattitude / Longitu	ide (D	egrees and Minu	ites)	Method Co	de (see instruct	ions)	Facility ID (FID	or PWS)						
0 1		" 'N	, ,				0	tere a content of a	ш					_
0 1		" 'W					License/Permi	A Marie and and	#					
1/4 / 1/4 NE	1/4	NE	Section	Township	Range X		03-28-583 Original Well (
or Gov't Lot #	-		4	8	15	E W	Jefferson (
						VV	Present Well (
Well Street Addre	ess						Jefferson (County						
905 E Main	Stree	et					Mailing Addres		Owner					
Well City, Village	or Tov	vn		Well 2	ZIP Code		311 S Cen	ter Ave						
Watertown							City of Presen	t Owner			State	12	IP Cod	de
Subdivision Name	е			Lot #			Jefferson				WI		5354	19
			10/1/11-1 10/	- II # - 6 D	I + \0/ell		4. Pump, Li	iner, Scree	n, Casir	ig & Sealing Ma	aterial		0-10	
Reason For Rem		rom Service	vvi Unique vv	ell # of Rep	lacement Well		Pump and	piping remov	ed?		Yes		Vo [N/A
No Further U	_	Developed Info					Liner(s) ren	noved?			Yes		-	N/A
3. Well / Drillh	101e /	Borenole Inic	Original Co	nstruction [Date		Screen rem	noved?			Yes			N/A
Monitori	ng We	ellt	1/23/202		2.0		Casing left	in place?			Yes		10	☑ N/A
☐ Water V	Vell		17237202				Was casing	g cut off below	w surface	?	Yes		Vo	N/A
□ Drillhole	/ Bore	hole		Constructio please atta	n Report is		Did sealing	material rise	to surfac	e?	⊻ Yes		اه [N/A
	_		available	please att	acii,	7	Did materia	al settle after	24 hours?	· [Yes		10 F	□ N/A
Construction Typ	e:						If yes, wa	as hole retop	ped?	L	Yes		40	N/A
Drilled		Driver	n (Sandpoint)		Dug		If bentonite	chips were u	used, were	e they hydrated				7
Other (Spec	ify)							from a knowr		100	Yes		No [N/A
Formation Type:							Required Meth				looten Die	n		
Unconsolidat	ted For	rmation		Bedrock				tor Pipe-Graved ed & Poured	vity		ductor Pij r (Explai		ipeu	
			(ft) Ci		Ge V			ite Chips)			ii (LApidii	11)		
Total Well Depth	From	Ground Surrace	(II) Casing	Diameter ((III.)		7,77							-
							Sealing Materi	ement Grout			Clay-San	d Slurr	v (11 lh	/aal.wt
Lower Drillhole D	iamete	er (in)	Casing	Depth (ft.)				ement (Conc	rete) Gro		Bentonite			
2.0							Concret				Bentonite			
Was well annular	space	grouted?	Yes 2	No [Unknown				Monitorin	g Well Boreholes	Only:			
If yes, to what de	pth (fe	et)?	Depth to W	ater (feet)			Bentoni	te Chips		Bentonite -	Cement	Grout		
							Granula	r Bentonite		Bentonite -	Sand Sl	urry		
5. Material Us	od to	Eill Wall / Dei	illholo				From (ft.)	To (ft)	No. Y	ards, Sacks Se	ealant		Mix R	
5. Material Os	eu io	7 III Well 7 Di	illiloie			-31	Trom (na)	10 (14.)	or V	olume (circle o	one)	or	Vlud V	Veight
							0.0	0.0						
3/8" Bentonit	е					_	Surface	8.0				-		_
						-								
6. Comments												1		- 3
o. Comments														
7. Supervisio	n of V	Vork					533			D	NR Use	Only		
Name of Person			Sealing	Licer	ise#	Da	ate of Filling & S	Sealing (mm/	/dd/yyyy)	Date Received	N	oted B	/	
The Sigma G							1/23/2020							
Street or Route						Te	elephone Numb	per		Comments				
1300 W. Can	al Str	eet					414-643-420							
City				State	ZIP Code		Signature of P	erson Doing	Work		D	ate Sig	ned	
Milwaukee				WI	53233		200	> 1.	æ		6	124	120	2

Well / Drillhole / Borehole Filling & Sealing Form 3300-5 (R 4/08) Page 1 of

		-1.01	Route	to:						
□ Verification On	ny of Fill ar	id Seai		Orinking Water		Watershed	I/Wastewater	Remedia	tion/Redeve	lopment
SGP-8				Naste Managem		Other				
1. Well Location Infor					2. Facility	Owner Inf	ormation			
County	WI Unique We Removed Well	ll # of	Hicap #		Facility Name	Station Form	mae			
Jefferson					Facility ID (FIE	Station Forr	пег			
Lattitude / Longitude (Degr	rees and Minute	s) N	Nethod Code	e (see instruction		, , , , , ,				
0 1 11 1	N				License/Permi	it/Monitoring	#			
0 1 11 1	W				03-28-583					
1/4 / 1/4 NE 1/4	NE S	ection	Township	Range 🛛 E	Charles - 1 107-117					
or Gov't Lot #		4	8	16	V Jefferson (County				
Well Street Address					Present Well (Owner				
					Jefferson (
905 E. Main Street Well City, Village or Town			Well ZII	2 Code	Mailing Addre		Owner			
			144011 211	Code	311 S Cen			Tour	ZIP Co	a dia
Watertown Subdivision Name			Lot#		City of Presen	it Owner		State	111111111111111111111111111111111111111	
oubdiviolet Humb					Jefferson	nor Caroo	o Casina 9 C	WI ealing Material	333	549
Reason For Removal Fron	n Service W	Unique We	ll # of Repla	cement Well					□ No	N/A
No Further Use						piping remove	ed?	Yes Yes	No No	N/A
3. Well / Drillhole / Bo	orehole Inform	nation		2000	Liner(s) rer			Yes	□ No	N/A
Monitoring Well		Original Con	struction Da	te	Screen rem			Yes	☐ No	N/A
		1/23/202	0		Casing left			Yes	□ No	□ N/A
Water Well	- 1	If a Well C	onstruction	Report is		g cut off below		X Yes	□ No	□ N/A
Drillhole / Boreho	le		please attac			material rise al settle after :		Yes	⊠ No	□ N/A
Construction Type:						as hole retop		Yes	☐ No	⊠ N/A
Drilled	Driven (Sandpoint)		Dug			ised, were they h	vdrated		
Other (Specify)			_			from a known		X Yes	No	N/A
							g Sealing Materia	il		
Formation Type:						tor Pipe-Grav	vity	Conductor Pi	pe-Pumped	
Unconsolidated Forma	ation		Bedrock		Screene	ed & Poured		Other (Explai	n)	
Total Well Depth From Gre	ound Surface (ft)	Casing	Diameter (in	1.)	(Benton	ite Chips)				
					Sealing Mater	ials				
Lower Drillhole Diameter (in.)	Casing	Depth (ft.)		Neat Ce	ement Grout			d Slurry (11	
2.0					Sand-C	ement (Conc	rete) Grout		e-Sand Slurr	у""
-		1 🔽	1	T	Concret			■ Bentonite	Chips	
Was well annular space gr		Yes 🗵		Unknown	_		Monitoring Well			
If yes, to what depth (feet))?	Depth to Wa	iter (feet)			te Chips	[-1	Bentonite - Cement		
		-0,1-0.7	C 2000 0		Granula	r Bentonite		Bentonite - Sand Sl	I Date of the last	Ratio
5. Material Used to F	ill Well / Drill	nole			From (ft.)	To (ft.)	or Volume	Sacks Sealant (circle one)		Weight
3/8" Bentonite					Surface	8_0				
									1000	
6. Comments										
7. Supervision of Wo	vrk		-W 35	725				DNR Use	Only	
Name of Person or Firm D		aling	Licens	e# T	Date of Filling &	Sealing (mm/	dd/yyyy) Date R		oted By	
The Sigma Group. In		9	2.30,13	1	1/23/2020	5 (
Street or Route	C1				Telephone Numb	per	Comme	ents		
1300 W. Canal Street					414-643-420	00				
City			State	ZIP Code	Signature of F	erson Doing	Work		ate Signed	
Milwaukee			WI	53233	80	51-1	٤		1/29/20	KI.

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 Invoice # E37420

Project # 18701

Lab Code5037420ASample IDSGP-3 3-4Sample MatrixSoil

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	GRO9:	5/8021	1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO9	5/8021	1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO9:	5/8021	1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO9:	5/8021	1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO9:	5/8021	1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO9:	5/8021	1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO9:	5/8021	1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO9:	5/8021	1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO9:	5/8021	1/31/2020	CJR	1

Project # 18701

 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	GRO95/8	021	1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8	021	1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8	021	1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8	021	1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8	021	1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8	021	1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8	021	1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8	021	1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8	021	1/31/2020	CJR	1

Lab Code5037420CSample IDSGP-4 2-3Sample MatrixSoilSample Date1/23/2020

-	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	GRO95/8	3021	1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8	3021	1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8	3021	1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8	3021	1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8	8021	1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8	8021	1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8	3021	1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8	3021	1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8	3021	1/31/2020	CJR	1

Project # 18701

 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	GRO95/8	021	1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8	021	1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8	021	1/31/2020	CJR	1
Naphthalene	0.046 "J"	mg/kg	0.021	0.067	1	GRO95/8	021	1/31/2020	CJR	1
Toluene	0.0251 "J"	mg/kg	0.015	0.049	1	GRO95/8	021	1/31/2020	CJR	1
1,2,4-Trimethylbenzene	0.84	mg/kg	0.019	0.059	1	GRO95/8	021	1/31/2020	CJR	1
1,3,5-Trimethylbenzene	0.36	mg/kg	0.019	0.061	1	GRO95/8	021	1/31/2020	CJR	1
m&p-Xylene	0.077 "J"	mg/kg	0.053	0.17	1	GRO95/8	021	1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8	021	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

Proiect # 18701

Lab Code5037420FSample IDSGP-7 2-3Sample MatrixSoilSample Date1/23/2020

	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	GRO95/8	3021	1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8	3021	1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8	3021	1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8	3021	1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8	3021	1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8	3021	1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8	3021	1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8	3021	1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8	3021	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	GRO95/8	3021	1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8	3021	1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8	3021	1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8	3021	1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8	8021	1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8	8021	1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8	3021	1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8	3021	1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8	3021	1/31/2020	CJR	1

Project # 18701

Lab Code5037420HSample IDDUPSample MatrixSoilSample Date1/23/2020

	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	GRO95/8	3021	1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8	3021	1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8	3021	1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8	3021	1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8	3021	1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8	3021	1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8	3021	1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8	3021	1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8	3021	1/31/2020	CJR	1

Lab Code 5037420I **Sample ID** MEOH BLANK

Sample Matrix Soil **Sample Date** 1/23/2020

•	Result	Unit	LOD I	OQ Di	l	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8	021	1/31/2020	CJR	1
Ethylbenzene	< 0.025	mg/kg	0.017	0.055	1	GRO95/8	021	1/31/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.025	mg/kg	0.01	0.032	1	GRO95/8	021	1/31/2020	CJR	1
Naphthalene	< 0.025	mg/kg	0.021	0.067	1	GRO95/8	021	1/31/2020	CJR	1
Toluene	< 0.025	mg/kg	0.015	0.049	1	GRO95/8	021	1/31/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.019	0.059	1	GRO95/8	021	1/31/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.025	mg/kg	0.019	0.061	1	GRO95/8	021	1/31/2020	CJR	1
m&p-Xylene	< 0.05	mg/kg	0.053	0.17	1	GRO95/8	021	1/31/2020	CJR	1
o-Xylene	< 0.025	mg/kg	0.016	0.05	1	GRO95/8	021	1/31/2020	CJR	1

Lab Code5037420JSample IDCOMP-1Sample MatrixSoilSample Date1/23/2020

•	Result	Unit	LOD L	OQ I	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	GRO95/8	021	1/31/2020	CJR	1

Project # 18701

"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.

Muchaelylal

Authorized Signature

	no Reguest	Date Bequired:	th prior authorization)	T)	Other Analysis						2.4		0		9	7	2	2	2					Time Date	
Page 1 of 1	Sample Handling Request	Bush Analysis D	al.	Normal Turn Around			S		(Z') ED 8	- 12) 90) V 254 END	3008 (43) ((58 A°	SULFAT TOTAL S WO COV WO CEP WO CAIP												Received By: (sign)	
	' Inc	1) 111101		X	Analysis Requested					021) (021)	EASEAS SEAS	GRO (MACE) PAH (EPPONE) POSS POSS POSS POSS POSS POSS POSS POS	X	X	×	X	X	X	X	X	X		A", Oil, Sludge, etc.)	Date	
33	www.synergy-lab.net 1990 Prospect Ct. • Appleton, WI 54914 920-830-2455 • mrsynergy@wi.twcbc.com	7							Preservation G (A	1-Nex									1	WW", Soil "S", Air "	June II: 00/km	ľ			
2	irommor	- Commen	www.syne	0-830-2455 • mrs)	Wester town,		1	3	シズ			No. of Sample Containers (Matrix)*	5			N				S	,	S	Dwr., waste Water "	Relinquished By; (elgn)	5
	Emu	-	-	92	Station	9 To:	any		City State Zip			Filtered No Y/N Conta	Z	1	7	7	7	7	U	7		N	inking Water "	B8 17	
				Y	Marathon S	Invoice To:	Company	YEET Address		Phone	group, com Email	Collection F	1/23/20 16:00	10:00	10:30	10:55	01:11	11:30	T MESO	1/23/20 -		1/13/13 [14:30	oundwater "GW", Dri	by receiving lab.	°C On Ice: X
		Standord	,	560 5	Former /	1	SIGMA GROUP INC	Address 1300 W CANAL STREET	City State Zip MILWANKEE WI 53233	414 643 4200	epencole ethesigmagroup.com Email	Sample I.D.	SGP-3 (3-4)	SGP-3 (7-8)) h	568-5 (7-8)	(2)	SGP-7 (2-3)	SGP-8 (7-8)	_	MEDH ISLK	CoMP-	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.	
# () 40		QUOTE #: Stan	Project #: 870	Sampler: (signature)	Project (Name / Location):	REPORTS TO: EDWARD PENCAL	Company THE SI	Address (300)	City State Zip MIL	Phone 4/14	Email epend	Lab I.D.	503 HAP H	B	5	N G	3	7	7			n	Comments/Special MDNR	Sample Inte	Temp.

200000

Date: 1/25/20

Date

PID/

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

1.0

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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 Invoice # E37421

Project # 18701

Lab Code5037421ASample IDTW-1Sample MatrixWaterSample Date1/23/2020

_	Result	Unit	LOD L	OQ 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

Proiect # 18701

Lab Code5037421BSample IDTW-2Sample MatrixWaterSample Date1/23/2020

	Result	Unit	LOD L	OQ I	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.81 "J"	ug/l	0.48	1.54	1	GRO95/8	021	1/30/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8	021	1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8	021	1/30/2020	CJR	1
Naphthalene	< 0.82	ug/l	0.82	2.59	1	GRO95/8	021	1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8	021	1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8	021	1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8	021	1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8	021	1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8	021	1/30/2020	CJR	1

Lab Code5037421CSample IDTW-3Sample MatrixWaterSample Date1/23/2020

	Result	Unit	LOD L	OQ Di	l	Method Ex	t 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 Code5037421DSample IDDUPSample MatrixWaterSample Date1/23/2020

	Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.81 "J"	ug/l	0.48	1.54	1	GRO95/80)21	1/30/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/80)21	1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/80)21	1/30/2020	CJR	1
Naphthalene	0.92 "J"	ug/l	0.82	2.59	1	GRO95/80)21	1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/80)21	1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/80)21	1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/80)21	1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/80)21	1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/80	21	1/30/2020	CJR	1

Project # 18701

Lab Code 5037421E

Sample ID EQUIPMENT BLANK

Sample Matrix Water **Sample Date** 1/23/2020

•	Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.48	ug/l	0.48	1.54	1	GRO95/8	021	1/30/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8	021	1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8	021	1/30/2020	CJR	1
Naphthalene	< 0.82	ug/l	0.82	2.59	1	GRO95/8	021	1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8	021	1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8	021	1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8	021	1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8	021	1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8	021	1/30/2020	CJR	1

Lab Code5037421FSample IDTRIP BLANKSample MatrixWaterSample Date1/23/2020

	Result	Unit	LOD L	OQ D	il	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.48	ug/l	0.48	1.54	1	GRO95/8	021	1/30/2020	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.76	1	GRO95/8	021	1/30/2020	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.71	ug/l	0.71	2.25	1	GRO95/8	021	1/30/2020	CJR	1
Naphthalene	< 0.82	ug/l	0.82	2.59	1	GRO95/8	021	1/30/2020	CJR	1
Toluene	< 0.62	ug/l	0.62	1.98	1	GRO95/8	021	1/30/2020	CJR	1
1,2,4-Trimethylbenzene	< 0.71	ug/l	0.71	2.26	1	GRO95/8	021	1/30/2020	CJR	1
1,3,5-Trimethylbenzene	< 0.66	ug/l	0.66	2.08	1	GRO95/8	021	1/30/2020	CJR	1
m&p-Xylene	< 1.35	ug/l	1.35	4.31	1	GRO95/8	021	1/30/2020	CJR	1
o-Xylene	< 0.69	ug/l	0.69	2.21	1	GRO95/8	021	1/30/2020	CJR	1

[&]quot;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

		Total Control of the	- N	× -	in Former Marathen Station	Invoice To:	Company	THE SIGNA GROW, INC. COmpany	∃(p)	233 City State Zip D 95 95 D 95 D 95 D 95 D 95 D 95 D 95	W1 53233 City State Zip /	29 See 29	00 (0)	Phone (277)	A GRAD DO GRAD	Moo (EP + 1 SI	Sample I.D. Sample I.D. Date Time Y/N Containers (Matrix)* Preservation O D A H (S O C C C C C C C C C C C C C C C C C C	No.	R TW-7	27. C	O C A	Dar O GEN I	ENT BLK I 12:25 N	TRIP BLK					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:	
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PID/

Date

Date: 1/25/20

5037421A-F	GP013020				5037442G				
analyte	CCV	%RSD	MS ug/l	DMS ug/l	Spiked Sam; %	REC.	RPD	MATRIX	K 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	
		(

(