State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

July 24, 2019

LEE ANN AMUNDSON
6426 NERO ROAD
SOBIESKI WI 54171

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
1404 S Webster Ave – LUST, 1404 S. Webster Avenue, Allouez, WI
DNR BRRTS Activity #: 03-05-560082

Dear Ms. Amundson:

The Department of Natural Resources (DNR) considers the 1404 S Webster Ave – LUST contamination case closed with continuing obligations. The closure applies to Petroleum Volatile Organic Compounds (PVOCs) and Lead in soil and/or groundwater. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you. Certain continuing obligations also apply to affected rights-of-way holders. These are identified within each continuing obligation.

This final closure decision is based on the correspondence and data provided and is issued under chs. NR 726 and 727, Wis. Adm. Code. The Northeast Region (NER) Closure Committee reviewed the request for closure on June 17, 2019. The DNR Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for revisions to the closure request was issued by the DNR on June 12, 2019, and final revisions were received on July 15, 2019.

The property operated as a gas station from approximately the 1930s to the 1950s, as a drycleaner from approximately 1972 to 1988, and currently is a tattoo parlor. In the late 1970s, the former USTs were removed from the property. Groundwater monitoring was conducted in response to the groundwater contamination identified on the property. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

Monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6 are being transferred for continued monitoring as part of the 1404 S Webster Ave (BRRTS #: 02-05-514372) case. Do NOT fill and seal these wells at this time. Well filling and sealing will be required of 1404 S Webster Ave for closure, upon conclusion of the cleanup for that case. These wells are identified on the attached map, Monitoring Wells, Figure B.3.d, June 4, 2016.

Continuing Obligations

The continuing obligation for this site is summarized below. Further details on actions required are found in the section Closure Conditions.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.

The DNR fact sheet "Continuing Obligations for Environmental Protection," RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained online at dnr.wi.gov and search "RR-819".

DNR Database

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) online at dnr.wi.gov and search "BOTW", to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, at dnr.wi.gov and search "RRSM".

The DNR's approval prior to well construction or reconstruction is required in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at dnr.wi.gov and search "3300-254".

All site information is also on file at the Northeast Regional DNR office, at 2984 Shawano Avenue, Green Bay, Wisconsin. This letter and information that was submitted with your closure request application, including any maps, can be found as a Portable Document Format (PDF) in BOTW.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wis. Stats. to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Please send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
2984 Shawano Ave
Green Bay, WI 54313

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the attached map, Groundwater Isoconcentration (PVOC) (11/26/18), Figure B.3.b, June 4, 2016. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. Affected right-of-way holders were notified of the presence of groundwater contamination. This continuing obligation also applies to the ROW holder for the 1400 block of S. Webster Avenue.

Other Closure Information

General Wastewater Permits for Construction Related Dewatering Activities

The DNR's Water Quality Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits, or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at dnr.wi.gov and search "wastewater permits". If residual soil or groundwater contamination is likely to

affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids and oil and grease, a general permit for Pit/Trench Dewatering may be needed.

PECFA Reimbursement

Section 101.143, Wis. Stats., requires that Petroleum Environmental Cleanup Fund Award (PECFA) claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the DNR Project Manager to determine the method for salvaging the equipment.

Per Wisconsin Act 55 (2015 State budget), a claim for PECFA reimbursement must be submitted within 180 days of incurring costs (i.e., completing a task). If your final PECFA claim is not submitted within 180 days of incurring the costs, the costs will not be eligible for PECFA reimbursement.

In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Tom Verstegen at (920) 424-0025, or at Thomas.Verstegen@wisconsin.gov.

Sincerely,

Roxanne N. Chronert
Team Supervisor, Northeast Region
Remediation & Redevelopment Program

Attachments:

- Monitoring Wells, Figure B.3.d, June 4, 2016
- Groundwater Isoconcentration (PVOC) (11/26/18), Figure B.3.b, June 4, 2016

cc: Ron Anderson, METCO rona@metcohq.com

B.3.d. MONITORING WELLS

1404 S WEBSTER AVENUE

METCO

ALLOUEZ, WISCONSIN

DRAWN BY: ED
DATE: 08/04/2006

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 50 FEET

0 25 50

⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE

◒ - MONITORING WELL LOCATION (PROPOSED TO BE TRANSFERED TO ERP SITE (BRRTS# 02-05-514372)

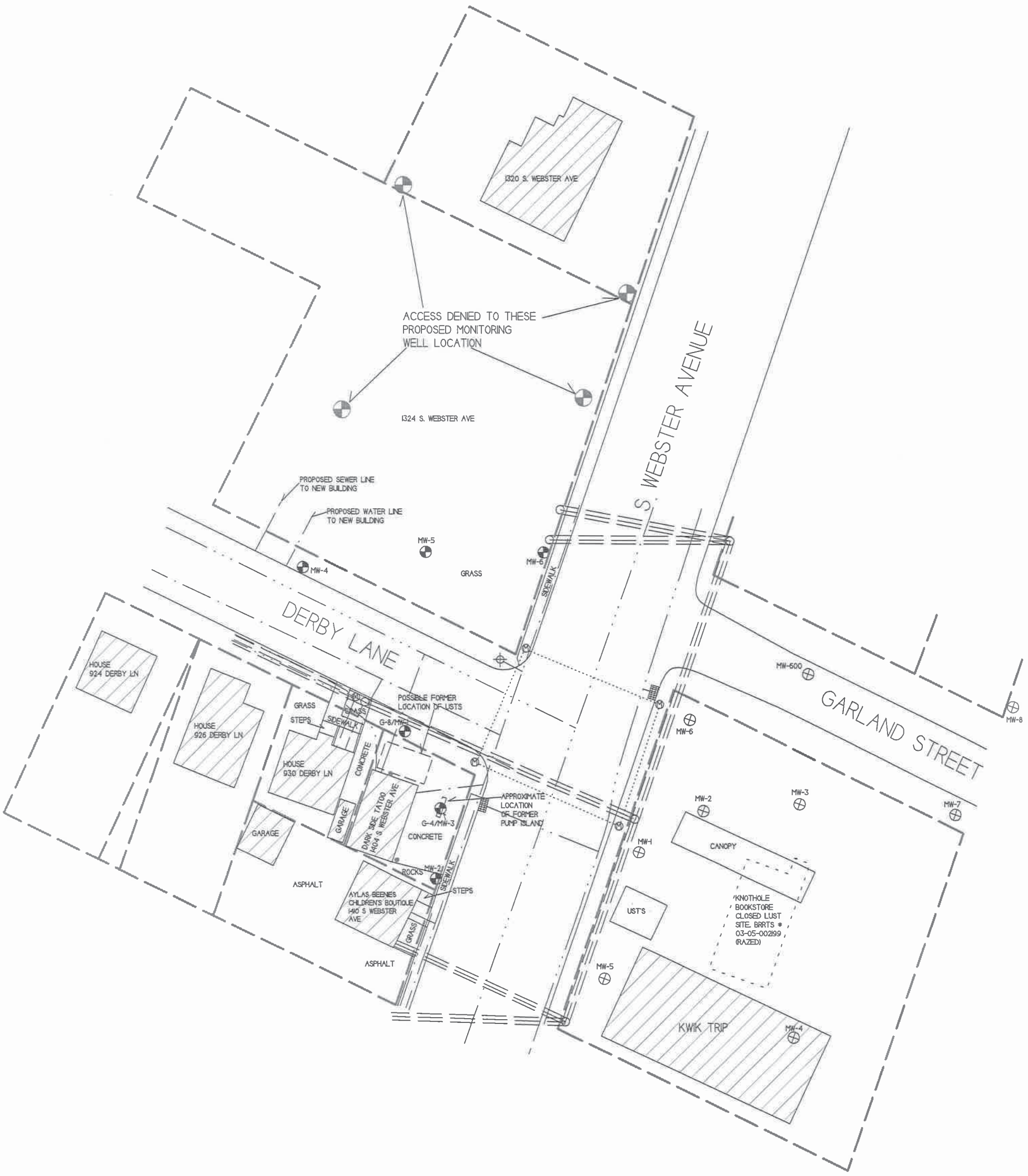
Ⓜ - MANHOLE

⊕ - HYDRANT

▦ - STORM DRAIN

● - POSSIBLE FORMER UST FILL PIPE

SANITARY SEWER
STORM SEWER
EMPTY CONDUIT
WATER
NATURAL GAS
BURIED ELECTRIC
OVERHEAD ELECTRIC



B.3.b. GROUNDWATER ISOCONCENTRATION (PVOC) (11/26/18)

1404 S WEBSTER AVENUE

METCO

ALLOUEZ, WISCONSIN

DRAWN BY: BD
DATE: 08/04/2016

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 50 FEET

0 25 50

⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE

● - SOIL BORING LOCATION - OMNI

◔ - MONITORING WELL LOCATION

✕ - GEOPROBE BORING LOCATION

Ⓜ - MANHOLE

⊕ - HYDRANT

▦ - STORM DRAIN

✱ - POSSIBLE FORMER UST FILL PIPE

SANITARY SEWER
STORM SEWER
EMPTY CONDUIT
WATER
NATURAL GAS
BURIED ELECTRIC
OVERHEAD ELECTRIC

1320 S. WEBSTER AVE

ACCESS DENIED TO THESE PROPOSED MONITORING WELL LOCATION

1324 S. WEBSTER AVE

S. WEBSTER AVENUE

PROPOSED SEWER LINE TO NEW BUILDING

PROPOSED WATER LINE TO NEW BUILDING

PLEASE NOTE: EXCEEDANCES/DATA FROM THE 1324 PROPERTY IS NOT EXPECTED TO BE FROM THE 1404 SOURCE.

MW-5

MW-6

MW-4

GRASS

SIDEWALK

B-1/ TW-1

DERBY LANE

B-2/ TW-2

GROUNDWATER ES ISOCONCENTRATION FOR FORMER KNOTHOLE BOOKSTORE (BRRTS # 02-05-002199) BASED ON RESULTS FROM DECEMBER 16, 2004

MW-600

MW-8

HOUSE 924 DERBY LN

HOUSE 926 DERBY LN

HOUSE 930 DERBY LN

GRASS

STEPS

SIDEWALK

CONCRETE

GRASS

POSSIBLE FORMER LOCATION OF USTS

MW-9

G-8/MW-8

G-7

G-6

B-3/ TW-3

G-5

G-2

ES

APPROXIMATE LOCATION OF FORMER PUMP ISLAND

B-4/ TW-4

G-4/MW-4

G-3

CONCRETE

G-9

PAL

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING NR140 ENFORCEMENT STANDARDS (ES) AND/OR PREVENTIVE ACTION LIMITS (PAL).

MW-6

MW-3

MW-2

MW-7

MW-1

CANOPY

GARAGE

DARK SIDE TATTOO 1404 S WEBSTER AVE

GARAGE

ROCKS

MW-2

SIDEWALK

STEPS

ASPHALT

AYLAS BEENIES CHILDREN'S BOUTIQUE 1410 S WEBSTER AVE

GRASS

ASPHALT

UST'S

KNOTHOLE BOOKSTORE CLOSED LUST SITE. BRRTS 03-05-002199 (RAZED)

MW-5

KWIK TRIP

MW-4

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Case Closure - GIS Registry

SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

Notice: Pursuant to ch. 292, Wis. Stats., and chs. NR 726 and 746, Wis. Adm. Code, this form is required to be completed for case closure requests. The closure of a case means that the Department of Natural Resources (DNR) has determined that no further response is required at that time based on the information that has been submitted to the DNR. All sections of this form must be completed unless otherwise directed by the Department. DNR will consider your request administratively complete when the form and all sections are completed, all attachments are included, and the applicable fees required under ch. NR 749, Wis. Adm. Code, are included, and sent to the proper destinations. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.). Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided.

Site Information

BRRTS No.	VPLE No.		
03-05-560082			
Parcel ID No.			
AL-1424			
FID No.	**WTM Coordinates**		
	X	Y	
405008340	677713	448583	
BRRTS Activity (Site) Name	**WTM Coordinates Represent:**		
1404 S Webster - LUST	☒ Source Area ☐ Parcel Center		
Site Address	**City**	**State**	**ZIP Code**
1404 S Webster Ave	Allouez	WI	54301
Acres Ready For Use			
0.5			

Responsible Party (RP) Name			
Lee Amundson			
Company Name			
Mailing Address	**City**	**State**	**ZIP Code**
6426 Nero Rd	Sobieski	WI	54171
Phone Number	**Email**		
(920) 639-4141	lee.amundson@ki.com		

☒ Check here if the RP is the owner of the source property.

Environmental Consultant Name			
Ronald Anderson			
Consulting Firm			
METCO			
Mailing Address	**City**	**State**	**ZIP Code**
709 Gillette Street, Suite 3	La Crosse	WI	54601
Phone Number	**Email**		
(608) 781-8879	rona@metcohq.com		

Fees and Mailing of Closure Request

1. **Send a copy of page one** of this form and the applicable ch. NR 749, Wis. Adm. Code, fee(s) to the DNR Regional EPA (Environmental Program Associate) at **http://dnr.wi.gov/topic/Brownfields/Contact.html#tabx3**. Check all fees that apply:

   ☒ $1,050 Closure Fee

   ☒ $350 Database Fee for Groundwater or Monitoring Wells (Not Abandoned)

   ☐ $300 Database Fee for Soil

   Total Amount of Payment $ $1,400.00

   ☐ Resubmittal, Fees Previously Paid

2. **Send one paper copy and one e-copy on compact disk of the entire closure package** to the Regional Project Manager assigned to your site. Submit as *unbound, separate documents* in the order and with the titles prescribed by this form. For electronic document submittal requirements, see **http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf.**

Site Summary

If any portion of the Site Summary Section is not relevant to the case closure request, you must fully explain the reasons why in the relevant section of the form. All information submitted shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected.

1. General Site Information and Site History

A. Site Location: Describe the physical location of the site, both generally and specific to its immediate surroundings.
The 1404 S Webster Ave site, is located in the NW 1/4, SE 1/4, Section 01, Township 23 North, Range 20 East, in Allouez, Brown County, WI. The site is bound by Derby Lane to the north, S Webster Avenue to the east, commercial properties to the south, and residential properties to the west.

B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.
The subject property operated as a gas station from approximately the 1930s until the 1950s. In the late 1970s, two 2,000-gallon gasoline USTs were removed from the subject property. A dry cleaner operated at the subject property from approximately 1972 until 1988. Currently the property is occupied by a tattoo parlor.

C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
According to the Village of Allouez Zoning Map, the 1404 S Webster Ave property is zoned as "E" Commercial District. The properties to the south are also zoned as Commercial properties. The properties to the east are zoned "A" Residential.

D. Describe how and when site contamination was discovered.
On December 19, 2012, Omni Associates conducted a WDNR lead investigation in the area of the subject property. During the investigation, four Geoprobe borings were completed in the area of the subject property with four groundwater samples collected for VOC analysis. Petroleum compounds were detected in the groundwater sample from B-4, which was conducted along S Webster Avenue and adjacent to the subject property. Based on the levels of petroleum contamination found in the groundwater sample from B-4, the WDNR opened a LUST case (BRRTS #03-05-560082) at the 1404 S Webster Avenue property on February 11, 2013.

E. Describe the type(s) and source(s) or suspected source(s) of contamination.
Petroleum contamination appears to have originated from the former UST systems.

F. Other relevant site description information (or enter Not Applicable).
Not applicable.

G. List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.
An open ERP case also exists at the subject property (BRRTS #02-05-514372) concerning the former dry cleaner that operated on the property.

H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.
The Knothole Bookstore Site (BRRTS #0305002199) is immediately adjacent to the subject property.

2. General Site Conditions

A. Soil/Geology

i. Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.
Local unconsolidated materials generally consist of a glacial till consisting of sandy clay with gravel to sandy silt/clay from surface to depths ranging from 5 to 12 feet below ground surface (bgs). A layer of very fine to fine grained sand with gravel was encountered in all borings at depths ranging from 5 to 12 feet bgs and extending to depths ranging from 19 to 24 feet bgs. In some locations, sandy clay with gravel was encountered at depths ranging from 19 to 23 feet bgs and extending to at least 30.5 feet bgs.

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Fill material consisting of a tan very fine grained sand to red silty sand was encountered in the area of the former UST system from ground surface to depths ranging from 1.5 feet bgs to 4 feet bgs.

iii. Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation.
Bedrock was not encountered during the site investigation, but Dolomite bedrock is estimated to exist at approximately 50 to 100 feet bgs.

iv. Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).
The on-site building is located in the southwestern portion of the property. A concrete parking lot exists to the north and east of the on-site building.

B. Groundwater

i. Discuss depth to groundwater and piezometric elevations. Describe and explain depth variations, including high and low water table elevation and whether free product affects measurement of water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.

According to data collected from the monitoring wells, groundwater exists at depths ranging from 19.36-23.10 feet bgs depending on well location and time of year. Free product has not affected watertable elevation measurements in any monitoring wells. The stratigraphic unit where the watertable exists consists of very fine grained sand with some gravel. No piezometers were installed during the investigation.

ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.

According to the water table measurements collected during groundwater sampling, the local horizontal groundwater flow in the immediate area of the subject property is generally toward the northwest. Groundwater flow direction deeper in the aquifer is unknown as no piezometer wells have been installed.

iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.

Slug tests were not conducted as part of this site investigation, however based on the Geoprobe/Drilling Project, it appears that the watertable is located within fine grained sand. Book values for the hydraulic conductivity of this material range from 1x10-5 m/sec to 1x10-7 m/sec. Using the above values, the flow velocity ranges from 0.073 to 7.3 m/year.

iv. Identify and describe locations/distance of potable and/or municipal wells within 1200 feet of the site. Include general summary of well construction (geology, depth of casing, depth of screened or open interval).

The subject property and surrounding properties are all served by the Village of Allouez municipal water system. The primary water supply for the Village of Allouez comes from the City of Manitowoc. However, the Village of Allouez has two emergency back up wells, the closest being located approximately 3,900 feet to the east-southeast of the subject property.

The village has knowledge of only one private well within the village limits. This well is located on the Schroeder's Flowers property and is located at least 650 feet to the south of the subject property. However, the well at Schroeder's Flowers is a non potable well that is used for watering flowers in the greenhouses. Schroeder's Flowers is connected to the municipal water supply for its potable water supply.

3. Site Investigation Summary

A. General

i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.

On December 19, 2012, Omni Associates conducted a WDNR lead investigation in the area of the subject property. During the investigation, four Geoprobe borings were completed in the area of the subject property with four groundwater samples collected for VOC analysis. (Site Investigation Report - March 28, 2019)

On November 29-December 2, 2016, METCO completed thirteen Geoprobe/Hollow Stem Auger borings and installed six monitoring wells. Ninety soil samples were collected for field analysis. Twenty-five of the soil samples were submitted for laboratory analysis (VOC or PVOC and Naphthalene and/or Lead). Seven groundwater samples were collected from the Geoprobe borings for laboratory analysis (VOCs). (Site Investigation Report - March 28, 2019)

On January 31, 2017, METCO collected groundwater samples from the six monitoring wells for laboratory analysis (VOC, Dissolved Lead, Dissolved Iron, Dissolved Manganese, Nitrate/Nitrite, and Sulfate). Field measurements for water level, Dissolved Oxygen, pH, ORP, Temperature and Specific Conductance were also collected from the six monitoring wells. Fauerbach Surveying & Engineering surveyed the six on-site monitoring wells to feet mean sea level (MSL). (Site Investigation Report - March 28, 2019)

On April 20, 2017 METCO collected groundwater samples from the six monitoring wells for laboratory analysis (VOC and Dissolved Lead). Field measurements for water level, Dissolved Oxygen, pH, ORP, Temperature and Specific Conductance were also collected from the six monitoring wells. (Site Investigation Report - March 28, 2019)

On May 30, 2018 METCO collected groundwater samples from the six monitoring wells for laboratory analysis (VOC). Field measurements for water level, Dissolved Oxygen, pH, ORP, Temperature and Specific Conductance were also collected from the six monitoring wells. (Site Investigation Report - March 28, 2019)

On November 26, 2018 METCO collected groundwater samples from the six monitoring wells for laboratory analysis (VOC). Field measurements for water level, Dissolved Oxygen, pH, ORP, Temperature and Specific Conductance were also collected from the six monitoring wells. (Site Investigation Report - March 28, 2019)

ii. Identify whether contamination extends beyond the source property boundary, and if so describe the media affected (e.g., soil, groundwater, vapors and/or sediment, etc.), and the vertical and horizontal extent of impacts.

A dissolved phase PVOC contaminant plume exceeding the NR140 ES and PAL has formed at the watertable in the area of the removed UST's and pump island and has migrated toward the north. This plume is approximately 187 feet long and up to 111 feet wide.

A dissolved phase petroleum contaminant plume exceeding the NR140 ES has formed at the watertable and has migrated east into the right-of-way of S. Webster Avenue. This groundwater contamination plume extends up to 9 feet into the right-of-way and is approximately 20 feet wide at the property boundary.

iii. Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.

No structural impediments interfered with the completion of the site investigation.

B. Soil

i. Describe degree and extent of soil contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways.

A sanitary sewer service line exists in the area of the soil contaminant plume. Sewer laterals in this area are typically buried 7-8 feet bgs and backfilled with native soil and therefore does not pose a risk as a potential migration pathway.

ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column.

No soil contamination was found in the upper four feet of the soil column.

iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site. This includes a soil performance standard established in accordance with s. NR 720.08, a Residual Contaminant Level (RCL) established in accordance with s. NR 720.10 that is protective of groundwater quality, or an RCL established in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/ information in Attachment C.

The method used to establish the soil cleanup standards for this site were the NR720 RCL's. The subject property is zoned commercial, therefore the non-industrial standards were used for this site.

C. Groundwater

i. Describe degree and extent of groundwater contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or interception with building foundation drain systems.

A dissolved phase PVOC contaminant plume exceeding the NR140 ES and PAL has formed at the watertable in the area of the removed UST's and pump island and has migrated toward the north. This plume is approximately 31 feet long and up to 16 feet wide.

The village has knowledge of only one private well within the village limits. This well is located on the Schroeder's Flowers property and is located at least 650 feet to the south of the subject property. However, the well at Schroeder's Flowers is a non potable well that is used for watering flowers in the greenhouses. Schroeder's Flowers is connected to the municipal water supply for its potable water supply.

There does not appear to be any potential risk of groundwater contamination migration along any utility corridors since groundwater exists over 10 feet below any nearby utility corridors.

The groundwater contamination plume does not appear to intercept any building foundation drain systems.

ii. Describe the presence of free product at the site, including the thickness, depth, and locations. Identify the depth and location of the smear zone.

Free product was not encountered during the site investigation.

D. Vapor

i. Describe how the vapor migration pathway was assessed, including locations where vapor, soil gas, or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.

The extent of groundwater contamination appears to extend underneath the on-site building (1404 S. Webster Avenue). However, vapor intrusion does not appear to be likely for the following reasons: 1) No soil contamination was found within 5 feet of the building foundation. 2) Groundwater in this area exists over 20 feet below the building foundation. 3) Free Product has never been encountered in any monitoring wells. 4) Benzene levels in groundwater are well below 1,000 ppb.

ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).

No indoor air/sub slab vapor samples were collected.

E. Surface Water and Sediment

i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.

The nearest surface water is the Fox River, which exists approximately 1,700 feet to the west of the subject property. Since it does not appear that the area of soil and groundwater contamination extends to any surface waters, no surface sediment samples were collected.

ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.

No surface water or sediment samples were collected.

4. Remedial Actions Implemented and Residual Levels at Closure

A. General: Provide a brief summary of the remedial action history. List previous remedial action report submittals by name and date. Identify remedial actions undertaken since the last submittal for this project and provide the appropriate documentation in Attachment C.

No remedial actions occurred at this site.

B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.

No immediate or interim actions occurred at this site.

C. Describe the *active* remedial actions taken at the source property, including: type of remedial system(s) used for each media affected; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.

No remedial actions occurred at this site.

D. Describe the alternatives considered during the Green and Sustainable Remediation evaluation in accordance with NR 722.09 and any practices implemented as a result of the evaluation.

No evaluation of the Green and Sustainable Remediation was conducted.

E. Describe the nature, degree and extent of residual contamination that will remain at the source property or on other affected properties after case closure.

A dissolved phase PVOC contaminant plume exceeding the NR140 ES and PAL has formed at the watertable in the area of the removed UST's and pump island and has migrated toward the north. This plume is approximately 132 feet long and up to 101 feet wide.

A dissolved phase petroleum contaminant plume exceeding the NR140 ES has formed at the watertable and has migrated east into the right-of-way of S. Webster Avenue. This groundwater contamination plume extends up to 9 feet into the right-of-way and is approximately 20 feet wide at the property boundary.

F. Describe the residual soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds RCLs established under s. NR 720.12, Wis. Adm. Code, for protection of human health from direct contact.

There is no known residual soil contamination exceeding the NR720 Direct Contact RCL's.

G. Describe the residual soil contamination that is above the observed low water table that attains or exceeds the soil standard(s) for the groundwater pathway.

There are no soil samples above the observed low water table which currently exceed the NR720 Groundwater RCL's for PVOC's.

H. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.

Residual soil contamination and groundwater contamination will be addressed via natural attenuation.

I. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration (e.g., stable or receding groundwater plume).

Since the overall contaminant trends appear to be at least stable to decreasing, it appears that natural attention will be effective in reducing the contaminant mass.

J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).

Soil contamination is very limited in extent and only near water table, groundwater contamination will be addressed via natural attenuation, and vapor intrusion does not appear to be likely for the following reasons: 1) No soil contamination was found within 5 feet of the building foundation. 2) Groundwater in this area exists over 20 feet below the building foundation. 3) Free Product has never been encountered in any monitoring wells. 4) Benzene levels in groundwater are well below 1,000 ppb.

K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.

No system hardware was installed as part of the site investigation.

L. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.

Monitoring locations that currently exceed the NR140 PAL or ES include the following:

Monitoring Well MW-3: Currently shows a NR140 PAL exceedance for Trimethylbenzenes (149 ppb).

Monitoring Well MW-5: Currently shows an NR140 ES exceedance Trimethylbenzenes (709 ppb) as well as NR140 PAL exceedances for Benzene (1.55 ppb), Naphthalene (80 ppb), and Xylene (556 ppb).

Monitoring Well MW-6: Currently shows an NR140 ES exceedances for Benzene (26.7 ppb), as well as NR140 PAL exceedances for Ethylbenzene (178 ppb), Naphthalene (65 ppb), Toluene (195 ppb), Trimethylbenzenes (238 ppb), and Xylene (521 ppb).

M. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.

No indoor air or sub slab vapor samples were collected.

N. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.

No surface water or sediment samples were collected.

5. Continuing Obligations: Situations where sites, including all affected properties and rights-of-way (ROWs), are included on the DNR's GIS Registry. In certain situations, maintenance plans are also required, and must be included in Attachment D.

Directions: For each of the 3 property types below, check all situations that apply to this closure request.

(NOTE: Monitoring wells to be transferred to another site are addressed in Attachment E.)

	This situation applies to the following property or Right of Way (ROW): Property Type:			Case Closure Situation - Continuing Obligation Inclusion on the GIS Registry is Required (ii. - xiv.)	Maintenance Plan Required
	Source Property	Affected Property (Off-Source)	ROW		
i.	☐	☒	☐	None of the following situations apply to this case closure request.	NA
ii.	☒	☐	☒	Residual groundwater contamination exceeds ch. NR 140 ESs.	NA
iii.	☐	☐	☐	Residual soil contamination exceeds ch. NR 720 RCLs.	NA
iv.				Monitoring Wells Remain:	
	☐	☐	☐	• Not Abandoned (filled and sealed)	NA
	☐	☐	☐	• Continued Monitoring (requested or required)	Yes
v.	☐	☐	☐	Cover/Barrier/Engineered Cover or Control for (soil) direct contact pathways (includes vapor barriers)	Yes
vi.	☐	☐	☐	Cover/Barrier/Engineered Cover or Control for (soil) groundwater infiltration pathway	Yes
vii.	☐	☐	☐	Structural Impediment: impedes completion of investigation or remedial action (not as a performance standard cover)	NA
viii.	☐	☐	☐	Residual soil contamination meets NR 720 industrial soil RCLs, land use is classified as industrial	NA
ix.	☐	☐	NA	Vapor Mitigation System (VMS) required due to exceedances of vapor risk screening levels or other health based concern	Yes
x.	☐	☐	NA	Vapor: Dewatering System needed for VMS to work effectively	Yes
xi.	☐	☐	NA	Vapor: Compounds of Concern in use: full vapor assessment could not be completed	NA
xii	☐	☐	NA	Vapor: Commercial/industrial exposure assumptions used.	NA
xiii.	☐	☐	☐	Vapor: Residual volatile contamination poses future risk of vapor intrusion	NA
xiv.	☐	☐	☐	Site-specific situation: (e. g., fencing, methane monitoring, other) (*discuss with project manager before submitting the closure request*)	Site specific

6. Underground Storage Tanks

A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action? ○ Yes ◉ No

B. Do any upgraded tanks meeting the requirements of ch. ATCP 93, Wis. Adm. Code, exist on the property? ○ Yes ◉ No

C. If the answer to question 6.B. is yes, is the leak detection system currently being monitored? ○ Yes ○ No

General Instructions

All information shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected. For each attachment (A-G), provide a Table of Contents page, listing all 'applicable' and 'not applicable' items by Closure Form titles (e.g., A.1. Groundwater Analytical Table, A.2. Soil Analytical Results Table, etc.). If any item is 'not applicable' to the case closure request, you must fully explain the reasons why.

Data Tables (Attachment A)

Directions for Data Tables:

- Use **bold** and italics font for information of importance on tables and figures. Use **bold** font for ch. NR 140, Wis. Adm. Code ES attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, PAL attainments or exceedances.
- Use **bold** font to identify individual ch. NR 720 Wis. Adm. Code RCL exceedances. Tables should also include the corresponding groundwater pathway and direct contact pathway RCLs for comparison purposes. Cumulative hazard index and cumulative cancer risk exceedances should also be tabulated and identified on Tables A.2 and A.3.
- Do not use shading or highlighting on the analytical tables.
- Include on Data Tables the level of detection for results which are below the detection level (i.e., do not just list as no detect (ND)).
- Include the units on data tables.
- Summaries of all data must include information collected by previous consultants.
- Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15 (3)(c), Wis. Adm. Code, in the format required in s. NR 716.15(4)(e), Wis. Adm. Code.
- Include in Attachment A all of the following tables, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: A.1. Groundwater Analytical Table; A.2. Soil Analytical Results Table, etc.).
- For required documents, each table (e.g., A.1., A.2., etc.) should be a separate Portable Document Format (PDF).

A. Data Tables

A.1. **Groundwater Analytical Table(s):** Table(s) showing the analytical results and collection dates for all groundwater sampling points (e.g., monitoring wells, temporary wells, sumps, extraction wells, potable wells) for which samples have been collected.

A.2. **Soil Analytical Results Table(s):** Table(s) showing **all** soil analytical results and collection dates. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated).

A.3. **Residual Soil Contamination Table(s):** Table(s) showing the analytical results of only the residual soil contamination at the time of closure. This table shall be a subset of table A.2 and should include only the soil sample locations that exceed an RCL. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated). Table A.3 is optional only if a total of fewer than 15 soil samples have been collected at the site.

A.4. **Vapor Analytical Table(s)**: Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.

A.5. **Other Media of Concern (e.g., sediment or surface water)**: Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, and time period for sample collection.

A.6. **Water Level Elevations:** Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.

A.7. **Other:** This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

Maps, Figures and Photos (Attachment B)

Directions for Maps, Figures and Photos:

- Provide on paper no larger than 11 x 17 inches, unless otherwise directed by the Department. Maps and figures may be submitted in a larger electronic size than 11 x 17 inches, in a PDF readable by the Adobe Acrobat Reader. However, those larger-size documents must be legible when printed.
- Prepare visual aids, including maps, plans, drawings, fence diagrams, tables and photographs according to the applicable portions of ss. NR 716.15(4), 726.09(2) and 726.11(3), (5) and (6), Wis. Adm. Code.
- Include all sample locations.
- Contour lines should be clearly labeled and defined.
- Include in Attachment B all of the following maps and figures, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: B.1. Location Map; B.2. Detailed Site Map, etc).
- For the electronic copies that are required, each map (e.g., B.1.a., B.2.a, etc.,) should be a separate PDF.
- Maps, figures and photos should be dated to reflect the most recent revision.

B.1. Location Maps

B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a United States Geological Survey (U.S.G.S.) topographic map or plat map in sufficient detail to permit easy location of all affected and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.

B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for all affected properties, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination attaining or exceeding a ch. NR 140 ES, and/or in relation to the boundaries of soil contamination attaining or exceeding a RCL. Provide parcel identification numbers for all affected properties.

B.1.c. **RR Sites Map:** From RR Sites Map (http://dnrmaps.wi.gov/sl/?Viewer=RR Sites) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

B.2. Soil Figures

B.2.a. **Soil Contamination:** Figure(s) showing the location of **all** identified unsaturated soil contamination. Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720.Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedances (0-4 foot depth).

B.2.b. **Residual Soil Contamination:** Figure(s) showing only the locations of soil samples where unsaturated soil contamination remains at the time of closure (locations represented in Table A.3). Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720 Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedence (0-4 foot depth).

B.3. Groundwater Figures

B.3.a. **Geologic Cross-Section Figure(s):** One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:

- Source location(s) and vertical extent of residual soil contamination exceeding an RCL. Distinguish between direct contact and the groundwater pathway RCLs.
- Source location(s) and lateral and vertical extent if groundwater contamination exceeds ch. NR 140 ES.
- Surface features, including buildings and basements, and show surface elevation changes.
- Any areas of active remediation within the cross section path, such as excavations or treatment zones.
- Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1.b.)

B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, PAL and/or an ES. Indicate the date and direction of groundwater flow based on the most recent sampling data.

B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two groundwater flow maps showing the maximum variation in flow direction.

B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been abandoned.

B.4. Vapor Maps and Other Media

B.4.a. **Vapor Intrusion Map:** Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway in relation to residual soil and groundwater contamination, including sub-slab, indoor air, soil vapor, soil gas, ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.

B.4.b. **Other media of concern (e.g., sediment or surface water):** Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.

B.4.c. **Other:** Include any other relevant maps and figures not otherwise noted above. (This section may remain blank).

B.5. Structural Impediment Photos: One or more photographs documenting the structural impediment feature(s) which precluded a complete site investigation or remediation at the time of the closure request. The photographs should document the area that could not be investigated or remediated due to a structural impediment. The structural impediment should be indicated on Figures B.2.a and B.2.b.

Documentation of Remedial Action (Attachment C)

Directions for Documentation of Remedial Action:

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc.).
- If the documentation requested below has already been submitted to the DNR, please note the title and date of the report for that particular document requested.

C.1. **Site investigation documentation,** that has not otherwise been submitted with the Site Investigation Report.

C.2. **Investigative waste** disposal documentation.

C.3. Provide a **description of the methodology** used along with all supporting documentation if the RCLs are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.gov/topic/Brownfields/Professionals.html.

C.4. **Construction documentation** or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.

C.5. **Decommissioning of Remedial Systems.** Include plans to properly abandon any systems or equipment.

C.6. **Other**. Include any other relevant documentation not otherwise noted above (This section may remain blank).

Maintenance Plan(s) and Photographs (Attachment D)

Directions for Maintenance Plans and Photographs:

Attach a maintenance plan for each affected property (source property, each off-source affected property) with continuing obligations requiring future maintenance (e.g., direct contact, groundwater protection, vapor intrusion). See Site Summary section 5 for all affected property(s) requiring a maintenance plan. Maintenance plan guidance and/or templates for: 1) Cover/barrier systems; 2) Vapor intrusion; and 3) Monitoring wells, can be found at: http://dnr.wi.gov/topic/Brownfields/Professionals.html#tabx3

D.1. **Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required:**

- Provide brief descriptions of the type, depth and location of residual contamination.

- Provide a description of the system/cover/barrier/monitoring well(s) to be maintained.
- Provide a description of the maintenance actions required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- Provide contact information, including the name, address and phone number of the individual or facility who will be conducting the maintenance.

D.2. **Location map(s) which show(s):** (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) all property boundaries.

D.3. **Photographs** for site or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system, include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features shall be visible and discernible. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.

D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter. The inspection and maintenance log is found at: http://dnr.wi.gov/files/PDF/forms/4400/4400-305.pdf.

Monitoring Well Information (Attachment E)

Directions for Monitoring Well Information:
For all wells that will remain in use, be transferred to another party, or that could not be located; attach monitoring well construction and development forms (DNR Form 4400-113 A and B: http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf)

Select One:

◯ No monitoring wells were installed as part of this response action.

◯ All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site

◉ ***Select One or More:***

☐ Not all monitoring wells can be located, despite good faith efforts. Attachment E must include a description of efforts made to locate the wells.

☐ One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason (s) the well(s) will remain in use. When one or more monitoring wells will remain in use this is considered a continuing obligation and a maintenance plan will be required and must be included in Attachment D.

☒ One or more monitoring wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s). Provide documentation from the party accepting future responsibility for monitoring well(s).

Source Legal Documents (Attachment F)

Directions for Source Legal Documents:
Label documents with the specific closure form titles (e.g., F.1. Deed, F.2. Certified Survey Map, etc.). Include all of the following documents, in the order listed:

F.1. **Deed:** The most recent deed with legal description clearly listed.

Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

F.2. **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.

F.3. **Verification of Zoning**: Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.

F.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties. This section applies to the source property only. Signed statements for Other Affected Properties should be included in Attachment G.

Notifications to Owners of Affected Properties (Attachment G)

Directions for Notifications to Owners of Affected Properties:

Complete the table on the following page for sites which require notification to owners of affected properties pursuant to ch. 292, Wis. Stats. and ch. NR 725 and 726, Wis. Adm. Code. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31- 19.39,Wis. Stats.]. The DNR's "Guidance on Case Closure and the Requirements for Managing Continuing Obligations" (PUB-RR-606) lists specific notification requirements http://dnr.wi.gov/files/PDF/pubs/rr/RR606.pdf.

State law requires that the responsible party provide a 30-day, written advance notification to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned. Use form 4400-286, Notification of Continuing Obligations and Residual Contamination, at http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf

Include a copy of each notification sent and accompanying proof of delivery, i.e., return receipt or signature confirmation. (These items will not be placed on the GIS Registry.)

Include the following documents for each property, keeping each property's documents grouped together and labeled with the letter G and the corresponding ID number from the table on the following page. (Source Property documents should only be included in Attachment F):

- **Deed:** The most recent deed with legal descriptions clearly listed for all affected properties.
  Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

Notifications to Owners of Affected Properties (Attachment G)

							Reasons Notification Letter Sent:														
ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	Residual Groundwater Contamination = or > ES	Residual Soil Contamination Exceeds RCLs	Monitoring Wells: Not Abandoned	Monitoring Wells: Continued Monitoring	Cover/Barrier/Engineered Control	Structural Impediment	Industrial RCLs Met/Applied	Vapor Mitigation System(VMS)	Dewatering System Needed for VMS	Compounds of Concern in Use	Commercial/Industrial Vapor Exposure Assumptions Applied	Residual Volatile Contamination Poses Future Risk of Vapor Intrusion	Site Specification Situation
A	S. Webster Avenue		02/11/2019	ROWH	677720	448580	X												
B																			
C																			
D																			

Signatures and Findings for Closure Determination

Check the correct box for this case closure request, and have either a professional engineer or a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code, sign this document.

☒ A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies).

☒ The response action(s) for this site addresses media other than groundwater.

Engineering Certification

I Jill C. Mickelson hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A–E 4, Wis. Adm. Code; that this case closure request has been prepared by me or prepared under my supervision in accordance with the Rules of Professional Conduct in ch. A–E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Jill C. Mickelson	Senior Engineer
Printed Name	Title
Jill Mickelson	3/28/2019
Signature	Date

WISCONSIN JILL C MICKELSON 42598-6 ROCHESTER MINNESOTA 42598-6 PROFESSIONAL ENGINEER

P.E. Stamp and Number

Hydrogeologist Certification

I Ronald J. Anderson hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared by me or prepared by me or prepared under my supervision and, in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Ronald J. Anderson	Senior Hydrogeologist/Project Manager
Printed Name	Title
Ronald J. Anderson	3/28/19
Signature	Date

Attachment A/Data Tables

A.1 Groundwater Analytical Tables

A.2 Soil Analytical Tables

A.3 Residual Soil Contamination Table – No Residual Soil Contamination remains at the site.

A.4 Vapor Analytical Table – Vapor pathway was not assessed during the site investigation.

A.5 Other Media of Concern - No surface waters or sediments were assessed as part of the site investigation.

A.6 Water Level Elevations

A.7 Other – Hydraulic Conductivity Calculations, Natural Attenuation Parameters

A.1 Groundwater Analytical Table
1404 S. Webster BRRTS #03-05-560082

Well TW-1

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	Bromodich-loromethane (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	n-Butyl-benzene (ppb)	Chloro-form (ppb)	Isopropyl-benzene (ppb)	n-Propyl benzene (ppb)	Xylene (Total) (ppb)
12/19/12	NM	NM	NS	*0.99*	3.11	**1.84**	3.6	NS	<120	**28.9**	1.23	**7.7**	5.1-5.84	<0.9	*4.3*	<0.92	0.60	4.7-5.50
04/20/17	NOT SAMPLED																	
05/30/18	NOT SAMPLED																	
11/26/18	NOT SAMPLED																	
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**0.6**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	-	**6**	-	-	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*0.06*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	-	*0.6*	-	-	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

Well TW-2

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	Bromodich-loromethane (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	n-Butyl-benzene (ppb)	Chloro-form (ppb)	Isopropyl-benzene (ppb)	n-Propyl benzene (ppb)	Xylene (Total) (ppb)
12/19/12	NM	NM	NS	<2.5	<3.7	<3.4	<3.9	NS	<10.5	**253**	<2.65	<2.35	<7.7	<4.5	*4.9*	<4.6	<2.95	<9.5
04/20/17	NOT SAMPLED																	
05/30/18	NOT SAMPLED																	
11/26/18	NOT SAMPLED																	
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**0.6**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	-	**6**	-	-	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*0.06*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	-	*0.6*	-	-	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

Well TW-3

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	Bromodich-loromethane (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	n-Butyl-benzene (ppb)	Chloro-form (ppb)	Isopropyl-benzene (ppb)	n-Propyl benzene (ppb)	Xylene (Total) (ppb)
12/19/12	NM	NM	NS	<5	*11.1*	<6.8	30.8	NS	<21	**440**	7.3	**32**	79	<9	**9.5**	<9.2	7.5	143.2
04/20/17	NOT SAMPLED																	
05/30/18	NOT SAMPLED																	
11/26/18	NOT SAMPLED																	
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**0.6**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	-	**6**	-	-	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*0.06*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	-	*0.6*	-	-	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

Well TW-4

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	Bromodich-loromethane (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	n-Butyl-benzene (ppb)	Chloro-form (ppb)	Isopropyl-benzene (ppb)	n-Propyl benzene (ppb)	Xylene (Total) (ppb)
12/19/12	NM	NM	NS	**16**	**281**	<13.6	*360*	NS	**255**	**93**	43	**480**	**2510**	100	<9.8	103	261	**2430**
04/20/17	NOT SAMPLED																	
05/30/18	NOT SAMPLED																	
11/26/18	NOT SAMPLED																	
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**0.6**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	-	**6**	-	-	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*0.06*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	-	*0.6*	-	-	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

A.1 Groundwater Analytical Table
1404 S. Webster BRRTS #03-05-560082

Well MW-1
PVC Elevation = 633.86 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	trans-1,2-Dich-loroethene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
01/31/17	612.60	21.26	0.9	<0.85	<2.05	<1.75	8.3	<4.1	<10.85	**570**	<3.35	**5.2**	40.2	<0.95	47.8
04/20/17	613.00	20.86	<4.5	<1.7	*29.1*	*91*	117	<8.2	*60*	**187**	34	**82**	*465*	<1.9	*446*
05/30/18	613.08	20.78	NS	<2.2	*51*	*62*	41	<2.8	*47*	**267**	24.5	**35**	*318*	<2	235
11/26/18	613.58	20.28	NS	<2.2	<3.7	<3.4	<2.6	<2.8	<21	**540**	<1.9	<3	<14.3	<2	<7.2
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**100**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	**0.2**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*20*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	*0.02*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

Well MW-2
PVC Elevation = 635.37 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	trans-1,2-Dich-loroethene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
01/31/17	612.81	22.56	<0.8	0.30	1.94	0.66	0.64	<0.82	<2.17	**70**	<0.67	**52**	1.32-2.23	<0.19	0.47-2.03
04/20/17	613.16	22.21	<4.5	0.25	4.8	1.22	0.53	<0.82	<2.17	**40**	<0.67	**53**	<2.05	**0.23**	0.45-2.01
05/30/18	613.29	22.08	NS	<0.22	5.4	1.11	<0.26	<0.28	<2.1	**59**	<0.19	**35**	<1.43	**0.28**	<0.72
11/26/18	613.52	21.85	NS	<0.22	3.08	0.75	<0.26	<0.28	<2.1	**125**	0.26	**34**	<1.43	<0.2	<0.72
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**100**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	**0.2**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*20*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	*0.02*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

Well MW-3
PVC Elevation = 635.04 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	trans-1,2-Dich-loroethene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
01/31/17	612.75	22.29	*3.9*	**<0.17**	4.9	5.3	*279*	<8.2	**110**	**213**	44	**106**	**1013**	<0.19	*1532*
04/20/17	613.18	21.86	*5.1*	<1.7	<4.1	4.2	*198*	<8.2	**137**	**107**	22.1	**118**	**1164**	<1.9	*1183*
05/30/18	613.35	21.69	NS	<2.2	<3.7	<3.4	116	<2.8	*82*	**81**	8.4	**110**	**969**	<2	*693*
11/26/18	613.63	21.41	NS	<2.2	<3.7	<3.4	8.2	<2.8	<21	**293**	<1.9	**7.3**	*149*	<2	35
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**100**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	**0.2**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*20*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	*0.02*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

A.1 Groundwater Analytical Table
1404 S. Webster BRRTS #03-05-560082

Well MW-4
PVC Elevation = 631.45 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	trans-1,2-Dich-loroethene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
01/31/17	612.08	19.37	<0.8	<0.17	<0.41	<0.35	<0.2	<0.82	<2.17	**31.1**	<0.67	<0.45	<2.05	<0.19	<1.95
04/20/17	612.47	18.98	<4.5	<0.17	<0.41	<0.35	<0.2	<0.82	<2.17	**45**	<0.67	<0.45	<2.05	<0.19	<1.95
05/30/18	612.62	18.83	NS	<0.22	1.07	1.02	<0.26	<0.28	<2.1	**93**	<0.19	*0.76*	<1.43	<0.2	<0.72
11/26/18	612.97	18.48	NS	0.28	1.59	1.97	<0.26	<0.28	<2.1	**96**	<0.19	*1.91*	<1.43	<0.2	<0.72
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**100**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	**0.2**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*20*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	*0.02*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

Well MW-5
PVC Elevation = 632.63 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	trans-1,2-Dich-loroethene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
01/31/17	612.04	20.59	<0.8	**5.5**	*26*	*54*	94	<4.1	*82*	**16.4**	10.7	**16.4**	*418*	<0.95	*404*
04/20/17	612.39	20.24	<4.5	*2.2*	*24.4*	*62*	94	<8.2	*76*	**13.4**	9.2	**9.2**	*256*	<1.9	211
05/30/18	612.50	20.13	NS	<2.2	**82**	4.1	86	<2.8	*75*	<3.8	11.9	<3	*428*	<2	298
11/26/18	612.92	19.71	NS	*1.55*	**76**	5.0	104	<1.4	*80*	*3.8*	10.9	<1.5	**709**	<1	*556*
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**100**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	**0.2**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*20*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	*0.02*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

Well MW-6
PVC Elevation = 633.93 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	cis-1,2-Dich-loroethene (ppb)	trans-1,2-Dich-loroethene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloroe-thene (PCE) (ppb)	Toluene (ppb)	Trichchloroe-thene (TCE) (ppb)	Trimethyl-benzenes (ppb)	Vinyl Chloride (ppb)	Xylene (Total) (ppb)
01/31/17	612.37	21.56	<0.8	*1.86*	*35*	*66*	0.38	<0.82	<2.17	**122**	<0.67	**78**	<2.05	**0.28**	<1.95
04/20/17	612.79	21.14	<4.5	**14.7**	*41*	*73*	57	<0.82	<2.17	**126**	58	**79**	23.01	**0.55**	106.4
05/30/18	612.90	21.03	NS	**6.6**	*57*	**127**	58	<0.28	8.9	**115**	41	**132**	61	**0.64**	176.8
11/26/18	613.16	20.77	NS	**26.7**	*45*	*89*	*178*	<0.28	*65*	**55**	*195*	**93**	*238*	**0.44**	*521*
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**70**	**100**	**700**	**60**	**100**	**5**	**800**	**5**	**480**	**0.2**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*7*	*20*	*140*	*12*	*10*	*0.5*	*160*	*0.5*	*96*	*0.02*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

A.1 Groundwater Analytical Table
(Geoprobe)
1404 S. Webster BRRTS #03-05-560082

Sample ID	Date	GRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
TW-1	12/19/12	NS	*0.99*	3.6	NS	<120	1.23	5.1-5.84	4.7-5.50
TW-2	12/19/12	NS	<2.5	<3.9	NS	<10.5	<2.65	<7.7	<9.5
TW-3	12/19/12	NS	<5	30.8	NS	<21	7.3	79	143.2
TW-4	12/19/12	NS	**16**	*360*	NS	**255**	43	**2510**	**2430**
G-1-W	11/29/16	NS	<0.44	<0.71	<1.1	<1.6	0.58	<3.1	<3.1
G-2-W	11/29/16	NS	<0.44	<0.71	<1.1	<1.6	0.53	<3.1	<3.1
G-3-W	11/29/16	NS	<0.44	<0.71	<1.1	<1.6	0.77	<3.1	<3.1
G-4-W	11/29/16	NS	<0.44	<0.71	<1.1	<1.6	0.99	<3.1	<3.1
G-5-W	11/29/16	NS	0.45	<0.71	<1.1	<1.6	1.41	<3.1	<3.1
G-8-W	11/29/16	NS	<0.44	<0.71	<1.1	<1.6	0.64	<3.1	<3.1
G-9-W	11/29/16	NS	*0.50*	4.8	<1.1	<1.6	1.52	<3.1	27.4
ENFORCE MENT STANDARD ES = Bold		**-**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT PAL = Italics		-	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

NS = Not Sampled
(ppb) = parts per billion (ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

A.1 Groundwater Analytical Table
(VOC's)
1404 S. Webster BRRTS #03-05-560082

Well Sampling Conducted on:

VOC's Well Name	TW-1	TW-2	TW-3	TW-4	G-1-W	G-2-W	G-3-W	G-4-W	G-5-W	G-8-W	G-9-W	ENFORCE MENT STANDARD = ES – Bold	*PREVENTIVE ACTION LIMIT = PAL - Italics*
	12/19/2012	12/19/2012	12/19/2012	12/19/2012	11/29/2016	11/29/2016	11/29/2016	11/29/2016	11/29/2016	11/29/2016	11/29/2016		
Benzene/ppb	*0.99*	<2.5	<5	**16**	< 0.44	< 0.44	< 0.44	< 0.44	*0.45 "J"*	< 0.44	*0.50 "J"*	**5**	*0.5*
Bromobenzene/ppb	<0.74	<3.7	<7.4	<14.8	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	==	==
Bromodichloromethane/ppb	1.84	<3.4	<6.8	<13.6	**0.81 "J"**	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	**0.6**	*0.06*
Bromoform/ppb	<0.43	<2.15	<4.3	<8.6	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	**4.4**	*0.44*
tert-Butylbenzene/ppb	<0.71	<3.55	<7.1	<14.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	==	==
sec-Butylbenzene/ppb	<1	<5	<10	<20	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	==	==
n-Butylbenzene/ppb	<0.9	<4.5	<9	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	==	==
Carbon Tetrachloride/ppb	<0.47	<2.35	<4.7	<9.4	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	< 0.51	**5**	*0.5*
Chlorobenzene/ppb	<0.51	<2.55	<5.1	<10.2	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	==	==
Chloroethane/ppb	<1.4	<7	<14	<28	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	**400**	*80*
Chloroform/ppb	*4.3*	*4.9*	**9.5**	<9.8	*2.13*	< 0.43	*0.65 "J"*	< 0.43	< 0.43	*0.70 "J"*	< 0.43	**6**	*0.6*
Chloromethane/ppb	<1.9	<9.5	<19	<38	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	**30**	*3*
2-Chlorotoluene/ppb	<0.7	<3.5	<7	<14	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	==	==
4-Chlorotoluene/ppb	<0.44	<2.2	<4.4	<8.8	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	==	==
1,2-Dibromo-3-chloropropane/ppb	<2.8	<14	<28	<56	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	**0.2**	*0.02*
Dibromochloromethane/ppb	<0.55	<2.75	<5.5	<11	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**60**	*6*
1,4-Dichlorobenzene/ppb	<0.98	<4.9	<9.8	<19.6	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	**75**	*15*
1,3-Dichlorobenzene/ppb	<0.87	<4.35	<8.7	<17.4	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	**600**	*120*
1,2-Dichlorobenzene/ppb	<0.76	<3.8	<7.6	<15.2	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	**600**	*60*
Dichlorodifluoromethane/ppb	<1.8	<9	<18	<36	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	**1000**	*200*
1,2-Dichloroethane/ppb	<0.5	<2.5	<5	<10	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	**5**	*0.5*
1,1-Dichloroethane/ppb	<0.98	<4.9	<9.8	<19.6	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	**850**	*85*
1,1-Dichloroethene/ppb	<0.6	<3	<6	<12	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	3.11	<3.7	*11.1*	**281**	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	3.4	**70**	*7*
trans-1,2-Dichloroethene/ppb	<0.79	<3.95	<7.9	<15.8	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	6.7	**100**	*20*
1,2-Dichloropropane/ppb	<0.4	<2	<4	<8	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	**5**	*0.5*
2,2-Dichloropropane/ppb	<1.9	<9.5	<19	<38	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	==	==
1,3-Dichloropropane/ppb	<0.71	<3.55	<7.1	<14.2	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	==	==
Di-isopropyl ether/ppb	<0.69	<3.45	<6.9	<13.8	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	==	==
EDB (1,2-Dibromoethane)/ppb	<0.63	<3.15	<6.3	<12.6	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	**0.05**	*0.005*
Ethylbenzene/ppb	3.6	<3.9	30.8	*360*	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	4.8	**700**	*140*
Hexachlorobutadiene/ppb	<2.2	<11	<22	<44	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	==	==
Isopropylbenzene/ppb	<0.92	<4.6	<9.2	103	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	==	==
p-Isopropyltoluene/ppb	<0.92	<4.6	<9.2	<18.4	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	==	==
Methylene chloride/ppb	<1.1	<5.5	<11	<22	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	<0.8	<4	<8	<16	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	**60**	*12*
Naphthalene/ppb	<2.1	<10.5	<21	**255**	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	**100**	*10*
n-Propylbenzene/ppb	0.60	<2.95	7.5	261	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	==	==
1,1,2,2-Tetrachloroethane/ppb	<0.53	<2.65	<5.3	<10.6	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	<1	<5	<10	<20	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	**70**	*7*
Tetrachloroethene (PCE)/ppb	**28.9**	**253**	**440**	**93**	**197**	**85**	**140**	**106**	**174**	**450**	**109**	**5**	*0.5*
Toluene/ppb	1.23	<2.65	7.3	*43*	0.58 "J"	0.53 "J"	0.77 "J"	0.99 "J"	1.41	0.64 "J"	1.52	**800**	*160*
1,2,4-Trichlorobenzene/ppb	<1.5	<7.5	<15	<30	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	**70**	*14*
1,2,3-Trichlorobenzene/ppb	<1.3	<6.5	<13	<26	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	==	==
1,1,1-Trichloroethane/ppb	<0.85	<4.25	<8.5	<17	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	**200**	*40*
1,1,2-Trichloroethane/ppb	<0.47	<2.35	<4.7	<9.4	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	**5**	*0.5*
Trichloroethene (TCE)/ppb	**7.7**	<2.35	**32**	**480**	< 0.47	< 0.47	< 0.47	2.11	< 0.47	< 0.47	58	**5**	*0.5*
Trichlorofluoromethane/ppb	<1.7	<8.5	<17	<34	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	==	==
1,2,4-Trimethylbenzene/ppb	5.1	<4	64	**1970**	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6		
1,3,5-Trimethylbenzene/ppb	<0.74	<3.7	15	**540**	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	**Total TMB's 480**	*Total TMB's 96*
Vinyl Chloride/ppb	<0.18	<0.9	<1.8	<3.6	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	**0.2**	*0.02*
m&p-Xylene/ppb	4.7	<5.5	134	**2300**	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	19.4		
o-Xylene/ppb	<0.8	<4	9.2	**130**	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	8	**Total Xylenes 2000**	*Total Xylenes 400*

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit
= = No Exceedences
(ppb) = parts per billion (ppm) = parts per million
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

A.1 Groundwater Analytical Table
1404 S. Webster BRRTS #03-05-560082

Well Sampling Conducted on:	01/31/17	01/31/17	01/31/17	01/31/17	01/31/17	01/31/17	04/20/17	04/20/17	04/20/17	04/20/17	04/20/17	04/20/17	05/30/18	05/30/18	05/30/18	05/30/18	05/30/18	05/30/18	11/26/2018	11/26/2018	11/26/2018	11/26/2018	11/26/2018	11/26/2018	ENFORCE MENT STANDARD = ES – Bold	*PREVENTIVE ACTION LIMIT = PAL - Italics*
VOC's																										
Well Name	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**		
Lead/ppb	NS	NS	NS	NS	NS	NS	< 4.5	< 4.5	*5.1 "J"*	< 4.5	< 4.5	< 4.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	**15**	*1.5*
Benzene/ppb	< 0.85	0.30 "J"	< 0.17	< 0.17	**5.5**	*1.86*	< 1.7	0.25 "J"	< 1.7	< 0.17	*2.2 "J"*	**14.7**	< 2.2	< 0.22	< 2.2	< 0.22	< 2.2	**6.6**	< 2.2	< 0.22	< 2.2	0.28 "J"	*1.55 "J"*	**26.7**	**5**	*0.5*
Bromobenzene/ppb	< 2.15	< 0.43	< 4.3	< 0.43	< 2.15	< 0.43	< 4.3	< 0.43	< 4.3	< 0.43	< 4.3	< 0.43	< 4.4	< 0.44	< 4.4	< 0.44	< 4.4	< 0.44	< 4.4	< 0.44	< 4.4	< 0.44	< 2.2	< 0.44	==	==
Bromodichloromethane/ppb	< 1.55	< 0.31	< 3.1	< 0.31	< 1.55	< 0.31	< 3.1	< 0.31	< 3.1	< 0.31	< 3.1	< 0.31	< 3.3	< 0.33	< 3.3	< 0.33	< 3.3	< 0.33	< 3.3	< 0.33	< 3.3	< 0.33	< 1.65	< 0.33	**0.6**	*0.06*
Bromoform/ppb	< 2.45	< 0.49	< 4.9	< 0.49	< 2.45	< 0.49	< 4.9	< 0.49	< 4.9	< 0.49	< 4.9	< 0.49	< 4.5	< 0.45	< 4.5	< 0.45	< 4.5	< 0.45	< 4.5	< 0.45	< 4.5	< 0.45	< 2.25	< 0.45	**4.4**	*0.44*
tert-Butylbenzene/ppb	< 1.95	< 0.39	< 3.9	< 0.39	< 1.95	< 0.39	< 3.9	< 0.39	< 3.9	< 0.39	< 3.9	< 0.39	< 2.5	< 0.25	< 2.5	< 0.25	< 2.5	< 0.25	< 2.5	< 0.25	< 2.5	< 0.25	< 1.25	< 0.25	==	==
sec-Butylbenzene/ppb	< 1.2	< 0.24	5.5 "J"	< 0.24	2.05 "J"	< 0.24	2.5 "J"	0.56 "J"	5.6 "J"	< 0.24	2.6 "J"	0.25 "J"	< 7.9	< 0.79	< 7.9	< 0.79	< 7.9	< 0.79	< 7.9	< 0.79	< 7.9	< 0.79	< 3.95	1.42 "J"	==	==
n-Butylbenzene/ppb	< 1.7	< 0.34	28.7	< 0.34	< 1.7	< 0.34	8.8 "J"	0.48 "J"	34	< 0.34	6.4 "J"	0.39 "J"	< 7.1	< 0.71	23.5	< 0.71	7.4 "J"	0.93 "J"	< 7.1	< 0.71	9.4 "J"	< 0.71	9.8 "J"	4.4	==	==
Carbon Tetrachloride/ppb	< 1.05	< 0.21	< 2.1	< 0.21	< 1.05	< 0.21	< 2.1	< 0.21	< 2.1	< 0.21	< 2.1	< 0.21	< 3.1	< 0.31	< 3.1	< 0.31	< 3.1	< 0.31	< 3.1	< 0.31	< 3.1	< 0.31	< 1.55	< 0.31	**5**	*0.5*
Chlorobenzene/ppb	< 1.35	< 0.27	< 2.7	< 0.27	< 1.35	< 0.27	< 2.7	< 0.27	< 2.7	< 0.27	< 2.7	< 0.27	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 1.3	< 0.26	==	==
Chloroethane/ppb	< 2.5	< 0.5	< 5	< 0.5	< 2.5	< 0.5	< 5	< 0.5	< 5	< 0.5	< 5	< 0.5	< 6.1	< 0.61	< 6.1	< 0.61	< 6.1	< 0.61	< 6.1	< 0.61	< 6.1	< 0.61	< 3.05	< 0.61	**400**	*80*
Chloroform/ppb	< 4.8	< 0.96	< 9.6	< 0.96	< 4.8	< 0.96	< 9.599999	< 0.96	< 9.599999	< 0.96	< 9.599999	< 0.96	< 2.6	*3.7*	< 2.6	*1.05*	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	*1.22*	< 1.3	< 0.26	**6**	*0.6*
Chloromethane/ppb	< 6.5	< 1.3	< 13	< 1.3	< 6.5	< 1.3	< 13	< 1.3	< 13	< 1.3	< 13	< 1.3	< 5.4	< 0.54	< 5.4	< 0.54	< 5.4	< 0.54	< 5.4	< 0.54	< 5.4	< 0.54	< 2.7	< 0.54	**30**	*3*
2-Chlorotoluene/ppb	< 1.8	< 0.36	< 3.6	< 0.36	< 1.8	< 0.36	< 3.6	< 0.36	< 3.6	< 0.36	< 3.6	< 0.36	< 3.1	< 0.31	< 3.1	< 0.31	< 3.1	< 0.31	< 3.1	< 0.31	< 3.1	< 0.31	< 1.55	< 0.31	==	==
4-Chlorotoluene/ppb	< 1.75	< 0.35	< 3.5	< 0.35	< 1.75	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 1.3	< 0.26	==	==
1,2-Dibromo-3-chloropropane/ppb	< 9.4	< 1.88	< 18.8	< 1.88	< 9.4	< 1.88	< 18.8	< 1.88	< 18.8	< 1.88	< 18.8	< 1.88	< 29.6	< 2.96	< 29.6	< 2.96	< 29.6	< 2.96	< 29.6	< 2.96	< 29.6	< 2.96	< 14.8	< 2.96	**0.2**	*0.02*
Dibromochloromethane/ppb	< 2.25	< 0.45	< 4.5	< 0.45	< 2.25	< 0.45	< 4.5	< 0.45	< 4.5	< 0.45	< 4.5	< 0.45	< 2.2	< 0.22	< 2.2	< 0.22	< 2.2	< 0.22	< 2.2	< 0.22	< 2.2	< 0.22	< 1.1	< 0.22	**60**	*6*
1,4-Dichlorobenzene/ppb	< 2.1	< 0.42	< 4.2	< 0.42	< 2.1	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 7	< 0.7	< 7	< 0.7	< 7	< 0.7	< 7	< 0.7	< 7	< 0.7	< 3.5	< 0.7	**75**	*15*
1,3-Dichlorobenzene/ppb	< 2.25	< 0.45	< 4.5	< 0.45	< 2.25	< 0.45	< 4.5	< 0.45	< 4.5	< 0.45	< 4.5	< 0.45	< 8.5	< 0.85	< 8.5	< 0.85	< 8.5	< 0.85	< 8.5	< 0.85	< 8.5	< 0.85	< 4.25	< 0.85	**600**	*120*
1,2-Dichlorobenzene/ppb	< 1.7	< 0.34	< 3.4	< 0.34	< 1.7	< 0.34	< 3.4	< 0.34	< 3.4	< 0.34	< 3.4	< 0.34	< 8.6	< 0.86	< 8.6	< 0.86	< 8.6	< 0.86	< 8.6	< 0.86	< 8.6	< 0.86	< 4.3	< 0.86	**600**	*60*
Dichlorodifluoromethane/ppb	< 1.9	< 0.38	< 3.8	< 0.38	< 1.9	< 0.38	< 3.8	< 0.38	< 3.8	< 0.38	< 3.8	< 0.38	< 3.2	< 0.32	< 3.2	< 0.32	< 3.2	< 0.32	< 3.2	< 0.32	< 3.2	< 0.32	< 1.6	< 0.32	**1000**	*200*
1,2-Dichloroethane/ppb	< 2.25	< 0.45	< 4.5	< 0.45	< 2.25	< 0.45	< 4.5	< 0.45	< 4.5	< 0.45	< 4.5	< 0.45	< 2.5	< 0.25	< 2.5	< 0.25	< 2.5	< 0.25	< 2.5	< 0.25	< 2.5	< 0.25	< 1.25	< 0.25	**5**	*0.5*
1,1-Dichloroethane/ppb	< 2.1	< 0.42	< 4.2	< 0.42	< 2.1	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 3.6	< 0.36	< 3.6	< 0.36	< 3.6	< 0.36	< 3.6	< 0.36	< 3.6	< 0.36	< 1.8	< 0.36	**850**	*85*
1,1-Dichloroethene/ppb	< 2.3	< 0.46	< 4.6	< 0.46	< 2.3	< 0.46	< 4.6	< 0.46	< 4.6	< 0.46	< 4.6	< 0.46	< 4.2	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 2.1	< 0.42	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	< 2.05	1.94	4.9	< 0.41	*26*	*35*	*29.1*	4.8	< 4.1	< 0.41	*24.4*	*41*	*51*	5.4	< 3.7	1.07 "J"	**82**	*57*	< 3.7	3.08	< 3.7	1.59	**76**	*45*	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 1.75	0.66 "J"	5.3	< 0.35	*54*	*66*	*91*	1.22	4.2 "J"	< 0.35	*62*	*73*	*62*	1.11	< 3.4	1.02 "J"	4.1 "J"	**127**	< 3.4	0.75 "J"	< 3.4	1.97	5.0 "J"	*89*	**100**	*20*
1,2-Dichloropropane/ppb	< 1.95	< 0.39	< 3.9	< 0.39	< 1.95	< 0.39	< 3.9	< 0.39	< 3.9	< 0.39	< 3.9	< 0.39	< 4.4	< 0.44	< 4.4	< 0.44	< 4.4	< 0.44	< 4.4	< 0.44	< 4.4	< 0.44	< 2.2	< 0.44	**5**	*0.5*
1,3-Dichloropropane/ppb	< 2.45	< 0.49	< 4.9	< 0.49	< 2.45	< 0.49	< 4.9	< 0.49	< 4.9	< 0.49	< 4.9	< 0.49	< 3	< 0.3	< 3	< 0.3	< 3	< 0.3	< 3	< 0.3	< 3	< 0.3	< 1.5	< 0.3	==	==
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	< 4.2	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 3.2	< 0.32	< 3.2	< 0.32	< 3.2	< 0.32	< 3.2	< 0.32	< 3.2	< 0.32	< 1.6	< 0.32	==	==
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	< 2.1	< 0.21	< 2.1	< 0.21	< 2.1	< 0.21	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 1.3	< 0.26	==	==
DI-isopropyl ether/ppb	< 1.3	< 0.26	< 2.6	< 0.26	< 1.3	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 2.6	< 0.26	< 2.1	< 0.21	< 2.1	< 0.21	< 2.1	< 0.21	< 2.1	< 0.21	< 2.1	< 0.21	< 1.05	< 0.21	==	==
EDB (1,2-Dibromoethane)/ppb	< 1.7	< 0.34	< 3.4	< 0.34	< 1.7	< 0.34	< 3.4	< 0.34	< 3.4	< 0.34	< 3.4	< 0.34	< 3.4	< 0.34	< 3.4	< 0.34	< 3.4	< 0.34	< 3.4	< 0.34	< 3.4	< 0.34	< 1.7	< 0.34	**0.05**	*0.005*
Ethylbenzene/ppb	8.3	0.64	*279*	< 0.2	94	0.38 "J"	**117**	0.53 "J"	*198*	< 0.2	94	57	41	< 0.26	116	< 0.26	86	58	< 2.6	< 0.26	8.2 "J"	< 0.26	104	*178*	**700**	*140*
Hexachlorobutadiene/ppb	< 7.35	< 1.47	< 14.7	< 1.47	< 7.35	< 1.47	< 14.7	< 1.47	< 14.7	< 1.47	< 14.7	< 1.47	< 13.4	< 1.34	< 13.4	< 1.34	< 13.4	< 1.34	< 13.4	< 1.34	< 13.4	< 1.34	< 6.7	< 1.34	==	==
Isopropylbenzene/ppb	1.75 "J"	0.69 "J"	32	< 0.29	21.2	< 0.29	25.5	0.74 "J"	41	< 0.29	20.9	4.1	14.6 "J"	< 0.78	37	< 0.78	21.4 "J"	4.4	< 7.8	< 0.78	< 7.8	< 0.78	37	19.2	==	==
p-Isopropyltoluene/ppb	< 1.4	< 0.28	7.2 "J"	< 0.28	2.4 "J"	< 0.28	< 2.8	< 0.28	7.5 "J"	< 0.28	3.1 "J"	< 0.28	2.4 "J"	0.28 "J"	5.6 "J"	< 0.24	2.4 "J"	1.11	< 2.4	< 0.24	2.8 "J"	< 0.24	3.5 "J"	1.33	==	==
Methylene chloride/ppb	< 4.7	< 0.94	< 9.4	< 0.94	< 4.7	< 0.94	< 9.4	< 0.94	< 9.4	< 0.94	< 9.4	< 0.94	< 13.2	< 1.32	< 13.2	< 1.32	< 13.2	< 1.32	< 13.2	< 1.32	< 13.2	< 1.32	< 6.6	< 1.32	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 4.1	< 0.82	< 8.2	< 0.82	< 4.1	< 0.82	< 8.2	< 0.82	< 8.2	< 0.82	< 8.2	< 0.82	< 2.8	< 0.28	< 2.8	< 0.28	< 2.8	< 0.28	< 2.8	< 0.28	< 2.8	< 0.28	< 1.4	< 0.28	**60**	*12*
Naphthalene/ppb	< 10.85	< 2.17	**110**	< 2.17	*82*	< 2.17	*60 "J"*	< 2.17	**137**	< 2.17	*76*	< 2.17	*47 "J"*	< 2.1	*82*	< 2.1	*75*	8.9	< 21	< 2.1	< 21	< 2.1	*80*	*65*	**100**	*10*
n-Propylbenzene/ppb	3.5	0.51 "J"	71	< 0.19	41	< 0.19	48	0.53 "J"	87	< 0.19	38	5.6	23.2	< 0.61	76	< 0.61	35	7.4	< 6.1	< 0.61	15.2 "J"	< 0.61	65	37	==	==
1,1,2,2-Tetrachloroethane/ppb	< 3.45	< 0.69	< 6.9	< 0.69	< 3.45	< 0.69	< 6.9	< 0.69	< 6.9	< 0.69	< 6.9	< 0.69	< 3	< 0.3	< 3	< 0.3	< 3	< 0.3	< 3	< 0.3	< 3	< 0.3	< 1.5	< 0.3	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 2.35	< 0.47	< 4.7	< 0.47	< 2.35	< 0.47	< 4.7	< 0.47	< 4.7	< 0.47	< 4.7	< 0.47	< 3.5	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 1.75	< 0.35	**70**	*7*
Tetrachloroethene (PCE)/ppb	**570**	**70**	**213**	**31.1**	**16.4**	**122**	**187**	**40**	**107**	**45**	**13.4 "J"**	**126**	**267**	**59**	**81**	**93**	< 3.8	**115**	**540**	**125**	**293**	**96**	*3.8 "J"*	**55**	**5**	*0.5*
Toluene/ppb	< 3.35	< 0.67	44	< 0.67	10.7	< 0.67	34	< 0.67	22.1	< 0.67	9.2 "J"	58	24.5	< 0.19	8.4	< 0.19	11.9	41	< 1.9	0.26 "J"	< 1.9	< 0.19	10.9	*195*	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 6.45	< 1.29	< 12.9	< 1.29	< 6.45	< 1.29	< 12.9	< 1.29	< 12.9	< 1.29	< 12.9	< 1.29	< 11.5	< 1.15	< 11.5	< 1.15	< 11.5	< 1.15	< 11.5	< 1.15	< 11.5	< 1.15	< 5.75	< 1.15	**70**	*14*
1,2,3-Trichlorobenzene/ppb	< 4.15	< 0.83	< 8.3	< 0.83	< 4.15	< 0.83	< 8.3	< 0.83	< 8.3	< 0.83	< 8.3	< 0.83	< 17.1	< 1.71	< 17.1	< 1.71	< 17.1	< 1.71	< 17.1	< 1.71	< 17.1	< 1.71	< 8.55	< 1.71	==	==
1,1,1-Trichloroethane/ppb	< 1.75	< 0.35	< 3.5	< 0.35	< 1.75	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 3.3	< 0.33	< 3.3	< 0.33	< 3.3	< 0.33	< 3.3	< 0.33	< 3.3	< 0.33	< 1.65	< 0.33	**200**	*40*
1,1,2-Trichloroethane/ppb	< 3.25	< 0.65	< 6.5	< 0.65	< 3.25	< 0.65	< 6.5	< 0.65	< 6.5	< 0.65	< 6.5	< 0.65	< 4.2	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 4.2	< 0.42	< 2.1	< 0.42	**5**	*0.5*
Trichloroethene (TCE)/ppb	**5.2 "J"**	**52**	**106**	< 0.45	**7.2**	**78**	**82**	**53**	**118**	< 0.45	**9.2 "J"**	**79**	**35**	**35**	**110**	*0.76 "J"*	< 3	**132**	< 3	**34**	**7.3 "J"**	*1.91*	< 1.5	**93**	**5**	*0.5*
Trichlorofluoromethane/ppb	< 3.2	< 0.64	< 6.4	< 0.64	< 3.2	< 0.64	< 6.4	< 0.64	< 6.4	< 0.64	< 6.4	< 0.64	< 3.5	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 3.5	< 0.35	< 1.75	< 0.35	==	==
1,2,4-Trimethylbenzene/ppb	33	1.32 "J"	**780**	< 1.14	*330*	< 1.14	*380*	< 1.14	**900**	< 1.14	*192*	21.1	*257*	< 0.8	**750**	< 0.8	*380*	52	< 8	< 0.8	*117*	< 0.8	**610**	*182*		
1,3,5-Trimethylbenzene/ppb	7.2 "J"	< 0.91	**233**	< 0.91	*88*	< 0.91	*85*	< 0.91	**264**	< 0.91	*64*	1.91 "J"	*61*	< 0.63	**219**	< 0.63	*48*	9	< 6.3	< 0.63	*32*	< 0.63	**99**	*56*	**Total TMB's 480**	*Total TMB's 96*
Vinyl Chloride/ppb	< 0.95	< 0.19	< 0.19	< 0.19	< 0.95	**0.28 "J"**	< 1.9	**0.23 "J"**	< 1.9	< 0.19	< 1.9	**0.55 "J"**	< 2	**0.28 "J"**	< 2	< 0.2	< 2	0.64 "J"	< 2	< 0.2	< 2	< 0.2	< 1	**0.44 "J"**	**0.2**	*0.02*
m&p-Xylene/ppb	*44*	< 1.56	*1360*	< 1.56	*370*	< 1.56	*400*	< 1.56	*1070*	< 1.56	190	99	202	< 0.43	*640*	< 0.43	266	167	< 4.3	< 0.43	31.3	< 0.43	*510*	*480*		
o-Xylene/ppb	3.8 "J"	0.47 "J"	*172*	< 0.39	*34*	< 0.39	*46*	0.45 "J"	*113*	< 0.39	21	7.4	33	< 0.29	*53*	< 0.29	32	9.8	< 2.9	< 0.29	3.7 "J"	< 0.29	*46*	*41*	**Total Xylenes 2000**	*Total Xylenes 400*

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation
CVOC DATA IS RELATED TO THE ERP CASE (BRRTS# 02-05-514372)

A.2 Soil Analytical Results Table
1404 S. Webster BRRTS #03-05-560082

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT		
																	Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-1-1	3.5	U	11/29/16	0.9	11	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-1-2	8.0	U	11/29/16	1.3	NS	NS	NS	NOT SAMPLED								NS			
G-1-3	12.0	U	11/29/16	1.4	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-1-4	16.0	U	11/29/16	2.6	NS	NS	NS	NOT SAMPLED								NS			
G-1-5	20.0	U	11/29/16	1.6	NS	NS	NS	NOT SAMPLED								NS			
G-1-6	21.0	U	11/29/16	1.6	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-1-7	24.0	S	11/29/16	1.9	NS	NS	NS	NOT SAMPLED								NS			
G-2-1	3.5	U	11/29/16	0.8	5.5	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-2-2	8.0	U	11/29/16	4.1	NS	NS	NS	NOT SAMPLED								NS			
G-2-3	10.0	U	11/29/16	2.9	NS	NS	NS	NOT SAMPLED								NS			
G-2-4	12.0	U	11/29/16	4.0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-2-5	14.0	U	11/29/16	3.3	NS	NS	NS	NOT SAMPLED								NS			
G-2-6	16.0	U	11/29/16	3.0	NS	NS	NS	NOT SAMPLED								NS			
G-2-7	18.0	U	11/29/16	3.8	NS	NS	NS	NOT SAMPLED								NS			
G-2-8	20.0	U	11/29/16	3.0	NS	NS	NS	NOT SAMPLED								NS			
G-2-9	21.0	U	11/29/16	4.5	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-3-1	3.5	U	11/29/16	1.3	5.66	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-3-2	8.0	U	11/29/16	3.2	NS	NS	NS	NOT SAMPLED								NS			
G-3-3	12.0	U	11/29/16	3.2	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-3-4	16.0	U	11/29/16	3.1	NS	NS	NS	NOT SAMPLED								NS			
G-3-5	18.0	U	11/29/16	4.4	NS	NS	NS	NOT SAMPLED								NS			
G-3-6	20.0	U	11/29/16	4.7	NS	NS	NS	NOT SAMPLED								NS			
G-3-7	21.0	U	11/29/16	3.1	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-3/G-4-1	3.5	U	11/29/16	10.6	12.1	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
MW-3/G-4-2	8.0	U	11/29/16	3.7	NS	NS	NS	NOT SAMPLED								NS			
MW-3/G-4-3	12.0	U	11/29/16	2.7	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-3/G-4-4	16.0	U	11/29/16	2.8	NS	NS	NS	NOT SAMPLED								NS			
MW-3/G-4-5	18.0	U	11/29/16	3.7	NS	NS	NS	NOT SAMPLED								NS			
MW-3/G-4-6	20.0	U	11/29/16	2.2	NS	NS	NS	NOT SAMPLED								NS			
MW-3/G-4-7	21.0	U	11/29/16	3.1	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-5-1								NO RECOVERY								NS			
G-5-2	8.0	U	11/29/16	3.6	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-5-3	10.0	U	11/29/16	3.9	NS	NS	NS	NOT SAMPLED								NS			
G-5-4	12.0	U	11/29/16	3.5	NS	NS	NS	NOT SAMPLED								NS			
G-5-5	14.0	U	11/29/16	3.5	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-5-6	16.0	U	11/29/16	3.6	NS	NS	NS	NOT SAMPLED								NS			
G-5-7	18.0	U	11/29/16	4.1	NS	NS	NS	NOT SAMPLED								NS			
G-5-8	20.0	U	11/29/16	3.4	NS	NS	NS	NOT SAMPLED								NS			
G-5-9	21.0	U	11/29/16	4.2	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-6-1	3.0	U	11/29/16	1.7	NS	NS	NS	NOT SAMPLED								NS	0		
G-7-1	3.0	U	11/29/16	1.8	NS	NS	NS	NOT SAMPLED								NS	0		
MW-1/G-8-1	3.5	U	11/29/16	2.6	5.24	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
MW-1/G-8-2	8.0	U	11/29/16	3.5	NS	NS	NS	NOT SAMPLED								NS			
MW-1/G-8-3	10.0	U	11/29/16	3.1	NS	NS	NS	NOT SAMPLED								NS			
MW-1/G-8-4	12.0	U	11/29/16	1.9	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-1/G-8-5	14.0	U	11/29/16	4.5	NS	NS	NS	NOT SAMPLED								NS			
MW-1/G-8-6	16.0	U	11/29/16	4.5	NS	NS	NS	NOT SAMPLED								NS			
MW-1/G-8-7	18.0	U	11/29/16	6.0	NS	NS	NS	NOT SAMPLED								NS			
MW-1/G-8-8	20.0	U	11/29/16	3.8	NS	NS	NS	NOT SAMPLED								NS			
MW-1/G-8-9	21.0	U	11/29/16	6.3	0.64	NS	NS	<0.016	<0.027	<0.025	<0.087	<0.031	<0.078	<0.089	<0.099	SEE VOC SPREAD – SHEET			
G-9-1	3.5	U	11/30/16	1.2	6	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
G-9-2	8.0	U	11/30/16	1.8	NS	NS	NS	NOT SAMPLED								NS			
G-9-3	10.0	U	11/30/16	2.6	NS	NS	NS	NOT SAMPLED								NS			
G-9-4	12.0	U	11/30/16	1.7	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-9-5	14.0	U	11/30/16	2.2	NS	NS	NS	NOT SAMPLED								NS			
G-9-6	16.0	U	11/30/16	2.1	NS	NS	NS	NOT SAMPLED								NS			
G-9-7	18.0	U	11/30/16	2.0	NS	NS	NS	NOT SAMPLED								NS			
G-9-8	20.0	U	11/30/16	2.9	NS	NS	NS	NOT SAMPLED								NS			
G-9-9	21.0	U	11/30/16	1.7	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-9-10	24.0	S	11/30/16	8.1	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-2-1	3.5	U	11/30/16	1.6	7.68	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0		
MW-2-2	8.0	U	11/30/16	3.5	NS	NS	NS	NOT SAMPLED								NS			
MW-2-3	10.0	U	11/30/16	2.1	NS	NS	NS	NOT SAMPLED								NS			
MW-2-4	12.0	U	11/30/16	2.2	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-2-5	14.0	U	11/30/16	3.3	NS	NS	NS	NOT SAMPLED								NS			
MW-2-6	16.0	U	11/30/16	3.6	NS	NS	NS	NOT SAMPLED								NS			
MW-2-7	18.0	U	11/30/16	2.9	NS	NS	NS	NOT SAMPLED								NS			
MW-2-8	20.0	U	11/30/16	5.0	NS	NS	NS	NOT SAMPLED								NS			
MW-2-9	24.0	S	11/30/16	16.5	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-4-1	4.0	U	12/01/16	0.8	NS	NS	NS	NOT SAMPLED								NS	0		
MW-4-2	8.0	U	12/01/16	0.9	NS	NS	NS	NOT SAMPLED								NS			
MW-4-3	12.0	U	12/01/16	1.2	NS	NS	NS	NOT SAMPLED								NS			
MW-4-4	16.0	U	12/01/16	2.0	NS	NS	NS	NOT SAMPLED								NS			
MW-4-5	20.0	U	12/01/16	1.5	NS	NS	NS	NOT SAMPLED								NS			
MW-4-6	24.0	S	12/01/16	1.6	NS	NS	NS	NOT SAMPLED								NS			
MW-4-7	28.0	S	12/01/16	3.0	NS	NS	NS	NOT SAMPLED								NS			
MW-4-8	32.0	S	12/01/16	1.8	NS	NS	NS	NOT SAMPLED								NS			
MW-5-1	4.0	U	12/02/16	0.7	NS	NS	NS	NOT SAMPLED								NS	0		
MW-5-2	8.0	U	12/02/16	0.9	NS	NS	NS	NOT SAMPLED								NS			
MW-5-3	12.0	U	12/02/16	1.1	NS	NS	NS	NOT SAMPLED								NS			
MW-5-4	16.0	U	12/02/16	2.2	NS	NS	NS	NOT SAMPLED								NS			
MW-5-5	20.0	U	12/02/16	2.1	NS	NS	NS	NOT SAMPLED								NS			
MW-5-6	24.0	S	12/02/16	9.0	NS	NS	NS	NOT SAMPLED								NS			
MW-5-7	28.0	S	12/02/16	2.5	NS	NS	NS	NOT SAMPLED								NS			
MW-6-1	4.0	U	12/02/16	1.2	NS	NS	NS	NOT SAMPLED								NS	0		
MW-6-2	8.0	U	12/02/16	1.0	NS	NS	NS	NOT SAMPLED								NS			
MW-6-3	12.0	U	12/02/16	1.0	NS	NS	NS	NOT SAMPLED								NS			
MW-6-4	16.0	U	12/02/16	1.4	NS	NS	NS	NOT SAMPLED								NS			
MW-6-5	20.0	U	12/02/16	1.3	NS	NS	NS	NOT SAMPLED								NS			
MW-6-6	24.0	S	12/02/16	1.1	NS	NS	NS	NOT SAMPLED								NS			
MW-6-7	28.0	S	12/02/16	2.9	NS	NS	NS	NOT SAMPLED								NS			
Groundwater RCL					27	-	-	0.0051	1.57	0.027	0.6582	1.1072	1.3787		3.96	-			
Non-Industrial Direct Contact RCL					400	-	-	1.6	8.02	63.8	5.52	818	219	182	260	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					(800)	-	-	(7.07)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	1820*	480*	8870*	-	818*	219*	182*	260*	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
NS = Not Sampled
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

NM = Not Measured
ND = No Detects

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table
1404 S. Webster BRRTS #03-05-560082

Sampling Conducted on November 29, 2016

VOC's		Bold = Groundwater RCL	Underline & Bold = Non-Industrial Direct Contact RCL	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	G-8-9				
Sample Depth/ft.	21				
Solids Percent	87.2				
Lead/ppm	0.64 "J"	27	400	(800)	= =
Benzene/ppm	< 0.016	0.0051	1.6	(7.07)	1820*
Bromobenzene/ppm	< 0.039	= =	342	(679)	= =
Bromodichloromethane/ppm	< 0.015	0.0003	0.418	(1.83)	= =
Bromoform/ppm	< 0.023	0.0023	25.4	(113)	= =
tert-Butylbenzene/ppm	< 0.035	= =	183	(183)	183*
sec-Butylbenzene/ppm	< 0.036	= =	145	(145)	145*
n-Butylbenzene/ppm	< 0.086	= =	108	(108)	108*
Carbon Tetrachloride/ppm	< 0.021	0.0039	0.916	(4.03)	= =
Chlorobenzene/ppm	< 0.039	= =	370	(761)	761*
Chloroethane/ppm	< 0.045	0.2266	= =	= =	= =
Chloroform/ppm	< 0.026	0.0033	0.454	(1.98)	= =
Chloromethane/ppm	< 0.25	0.0155	159	(669)	= =
2-Chlorotoluene/ppm	< 0.029	= =	907	(907)	907*
4-Chlorotoluene/ppm	< 0.032	= =	253	(253)	253*
1,2-Dibromo-3-chloropropane/ppm	< 0.078	0.0002	0.008	(0.092)	= =
Dibromochloromethane/ppm	< 0.031	0.032	8.28	(38.9)	= =
1,4-Dichlorobenzene/ppm	< 0.03	0.144	3.74	(16.4)	= =
1,3-Dichlorobenzene/ppm	< 0.03	1.1528	297	(297)	297*
1,2-Dichlorobenzene/ppm	< 0.039	1.168	376	(376)	376*
Dichlorodifluoromethane/ppm	< 0.043	3.0863	126	(530)	= =
1,2-Dichloroethane/ppm	< 0.03	0.0028	0.652	(2.87)	540*
1,1-Dichloroethane/ppm	< 0.025	0.4834	5.06	(22.2)	= =
1,1-Dichloroethene/ppm	< 0.029	0.005	320	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 0.021	0.0412	156	(2340)	= =
trans-1,2-Dichloroethene/ppm	< 0.024	0.0626	1560	(1850)	= =
1,2-Dichloropropane/ppm	< 0.025	0.0033	3.4	(15)	= =
2,2-Dichloropropane/ppm	< 0.1	= =	191	191	191*
1,3-Dichloropropane/ppm	< 0.031	= =	1490	(1490)	1490*
Di-isopropyl ether/ppm	< 0.012	= =	2260	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 0.035	0.0000282	0.05	(0.221)	= =
Ethylbenzene/ppm	< 0.027	1.57	8.02	(35.4)	480*
Hexachlorobutadiene/ppm	< 0.11	= =	1.63	(7.19)	= =
Isopropylbenzene/ppm	< 0.037	= =	= =	= =	= =
p-Isopropyltoluene/ppm	< 0.056	= =	162	(162)	162*
Methylene chloride/ppm	< 0.22	0.0026	61.8	(1150)	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.025	0.027	63.8	(282)	8870*
Naphthalene/ppm	< 0.087	0.6582	5.52	(24.1)	= =
n-Propylbenzene/ppm	< 0.035	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.013	0.0002	0.81	(3.6)	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.029	0.0534	2.78	(12.3)	= =
Tetrachloroethene (PCE)/ppm	0.8	0.0045	33	(145)	= =
Toluene/ppm	< 0.031	1.1072	818	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 0.085	0.408	24	(113)	= =
1,2,3-Trichlorobenzene/ppm	< 0.12	= =	62.6	(934)	= =
1,1,1-Trichloroethane/ppm	< 0.04	0.1402	640	(640)	640*
1,1,2-Trichloroethane/ppm	< 0.033	0.0032	1.59	(7.01)	= =
Trichloroethene (TCE)/ppm	< 0.042	0.0036	1.3	(8.41)	= =
Trichlorofluoromethane/ppm	< 0.06	4.4775	1230	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	< 0.078	1.3787	219	(219)	219*
1,3,5-Trimethylbenzene/ppm	< 0.089		182	(182)	182*
Vinyl Chloride/ppm	< 0.01	0.0001	0.067	(2.08)	= =
m&p-Xylene/ppm	< 0.07	3.96	260	(260)	260*
o-Xylene/ppm	< 0.029				

NS = not sampled, NM = Not Measured
(ppm) = parts per million
= = No Exceedences
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation
Note: Non-Industrial RCLs apply to this site.

A.6 Water Level Elevations
1404 S. Webster BRRTS #03-05-560082
Green Bay (Allouez), Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Ground Surface (feet msl)	634.28	635.91	635.53	632.33	633.48	634.57
PVC top (feet msl)	633.86	635.37	635.04	631.45	632.63	633.93
Well Depth (feet)	29.00	24.50	30.00	32.00	28.00	30.00
Top of screen (feet msl)	615.28	621.41	615.53	615.33	615.48	614.57
Bottom of screen (feet msl)	605.28	611.41	605.53	600.33	605.48	604.57
Depth to Water From Top of PVC (feet)						
01/31/17	21.26	22.56	22.29	19.37	20.59	21.56
04/20/17	20.86	22.21	21.86	18.98	20.24	21.14
05/30/18	20.78	22.08	21.69	18.83	20.13	21.03
11/26/18	20.28	21.85	21.41	18.48	19.71	20.77
Depth to Water From Ground Surface (feet)						
01/31/17	21.68	23.10	22.78	20.25	21.44	22.20
04/20/17	21.28	22.75	22.35	19.86	21.09	21.78
05/30/18	21.20	22.62	22.18	19.71	20.98	21.67
11/26/18	20.70	22.39	21.90	19.36	20.56	21.41
Groundwater Elevation (feet msl)						
01/31/17	612.60	612.81	612.75	612.08	612.04	612.37
04/20/17	613.00	613.16	613.18	612.47	612.39	612.79
05/30/18	613.08	613.29	613.35	612.62	612.50	612.90
11/26/18	613.58	613.52	613.63	612.97	612.92	613.16

A.7 Other
Groundwater NA Indicator Results
1404 S. Webster BRRTS #03-05-560082

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/31/17	1.45	6.98	103.0	10.10	1462	*4.21*	25.2	<0.03	37.4
04/20/17	1.84	7.30	97.0	12.50	1621	NS	NS	NS	NS
05/30/18	1.92	7.73	116.0	12.10	NM	NS	NS	NS	NS
11/26/18	2.84	7.89	26.9	13.88	2415	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/31/17	1.27	6.81	84.0	10.00	811	<0.17	51.1	<0.08	**466**
04/20/17	1.31	7.24	93.0	12.60	935	NS	NS	NS	NS
05/30/18	1.89	7.59	-64.0	12.80	NM	NS	NS	NS	NS
11/26/18	2.78	7.90	28.3	14.35	4687	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/31/17	1.18	7.31	100.0	9.70	3805	0.30	53.3	0.06	**324**
04/20/17	1.76	7.38	101.0	12.50	2305	NS	NS	NS	NS
05/30/18	1.29	7.52	40.0	12.40	NM	NS	NS	NS	NS
11/26/18	2.83	7.83	29.3	13.53	5540	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

A.7 Other
Groundwater NA Indicator Results
1404 S. Webster BRRTS #03-05-560082

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/31/17	1.81	7.33	217.0	10.20	1219	1.17	65.7	<0.03	*75.8*
04/20/17	0.92	7.39	221.0	12.40	1238	NS	NS	NS	NS
05/30/18	1.25	7.77	137.0	12.10	NM	NS	NS	NS	NS
11/26/18	2.86	8.10	19.6	13.53	1400	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/31/17	2.95	7.27	165.0	9.40	2145	<0.17	4.38	0.05	*258*
04/20/17	0.53	7.14	172.0	12.70	2220	NS	NS	NS	NS
05/30/18	1.31	7.66	2.0	12.10	NM	NS	NS	NS	NS
11/26/18	2.86	7.87	26.8	13.27	1769	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/31/17	4.72	7.16	249.0	9.90	2799	<0.17	39.2	0.03	*258*
04/20/17	0.42	7.16	235.0	13.40	2659	NS	NS	NS	NS
05/30/18	1.57	7.59	92.0	12.20	NM	NS	NS	NS	NS
11/26/18	2.84	7.89	27.7	13.83	2601	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

A.7 Other
Flow Velocity Calculations
1404 S. Webster Avenue BRRTS #03-05-560082

High

	m/s	m/yr
K	1.00E-05	3.29E+02

Low

	m/s	m/yr
K	1.00E-07	3.29E+00

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
01/31/17	612.70	612.10	99	6.06E-03
04/20/17	613.1	612.4	88	7.95E-03
05/30/18	613.3	612.6	112	6.25E-03
11/26/18	613.6	613	95	6.32E-03
			Average	6.65E-03

	K (m/yr)	rageHyd Grad	Porosity (n)	ow Velocity(m/yr
High	328.5	6.65E-03	0.3	7.276533
Low	3.285	6.65E-03	0.3	0.072765
			Average	3.674649

Attachment B/Maps and Figures

B.1 Location Maps

B.1.a Location Map

B.1.b Detailed Site Map

B.1.c RR Site Map

B.2 Soil Figures

B.2.a Soil Contamination

B.2.b Residual Soil Contamination – No Residual Soil Contamination remains at the site.

B.3 Groundwater Figures

B.3.a Geologic Cross-Section Figure(s)

B.3.b Groundwater Isoconcentration

B.3.c Groundwater Flow Direction

B.3.d Monitoring Wells

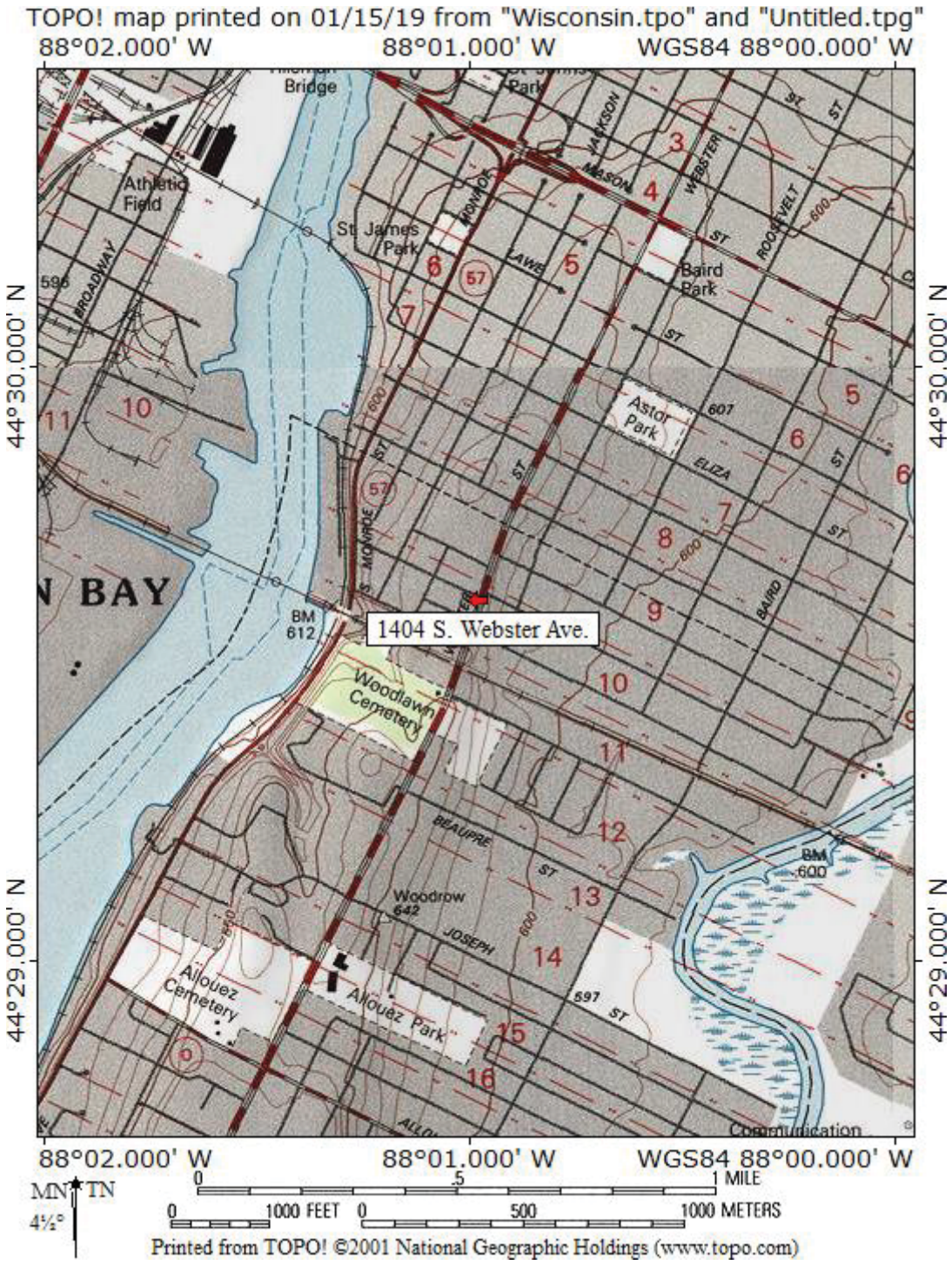
B.4 Vapor Maps and Other Media

B.4.a Vapor Intrusion Map – Vapor pathway was not assessed during the site investigation.

B.4.b Other media of concern - No surface waters or sediments were assessed as part of the site investigation.

B.4.c Other – Not applicable.

B.5 Structural Impediment Photos – There were no structural impediments to the completion of the investigation.



B.1.a LOCATION MAP CONTOUR INTERVAL 10 FEET
1404 S. WEBSTER AVE. – GREEN BAY, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

B.I.b DETAILED SITE MAP

1404 S WEBSTER AVENUE

ALLOUEZ, WISCONSIN

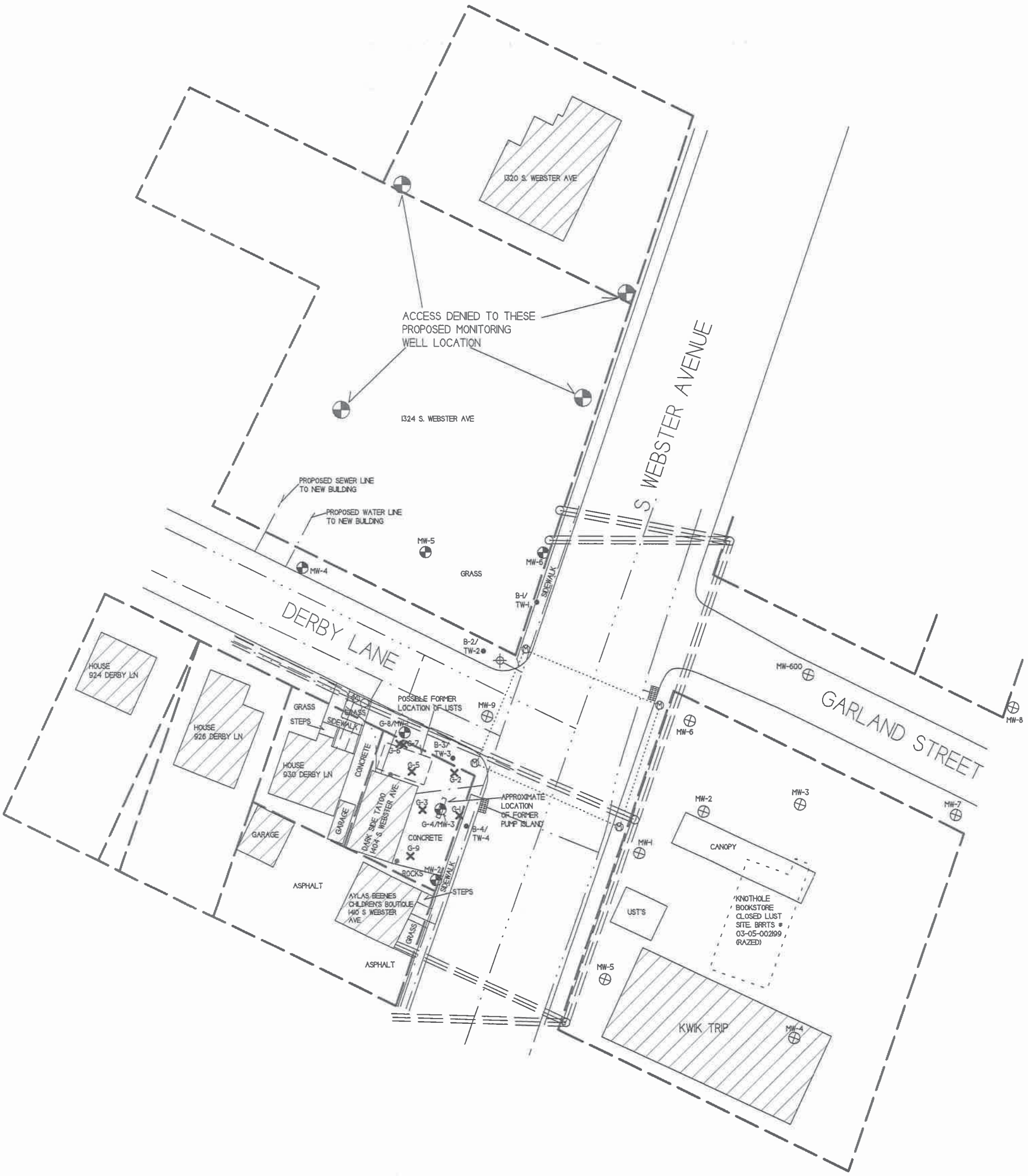
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 50 FEET

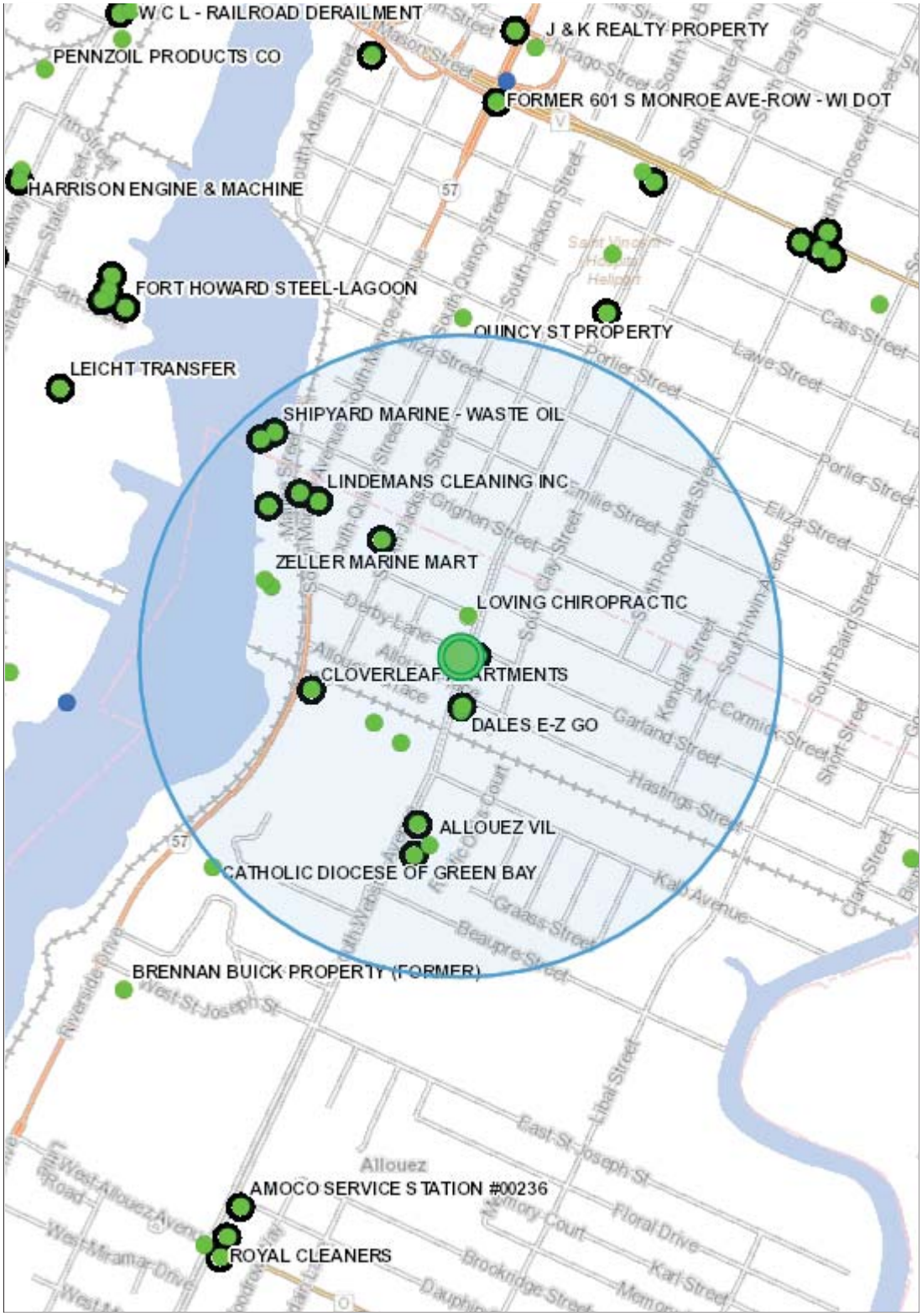
0 25 50

- ⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE
- ● - SOIL BORING LOCATION - OMNI
- ◔ - MONITORING WELL LOCATION
- ✕ - GEOPROBE BORING LOCATION
- Ⓜ - MANHOLE
- ⊕ - HYDRANT
- ▦ - STORM DRAIN
- ● - POSSIBLE FORMER UST FILL PIPE

- SANITARY SEWER
- STORM SEWER
- EMPTY CONDUIT
- WATER
- NATURAL GAS
- BURIED ELECTRIC
- OVERHEAD ELECTRIC



B.1.c. RR Sites Map



Legend

- Open Site
- Closed Site
- Continuing Obligations Apply
- Facility-wide Site

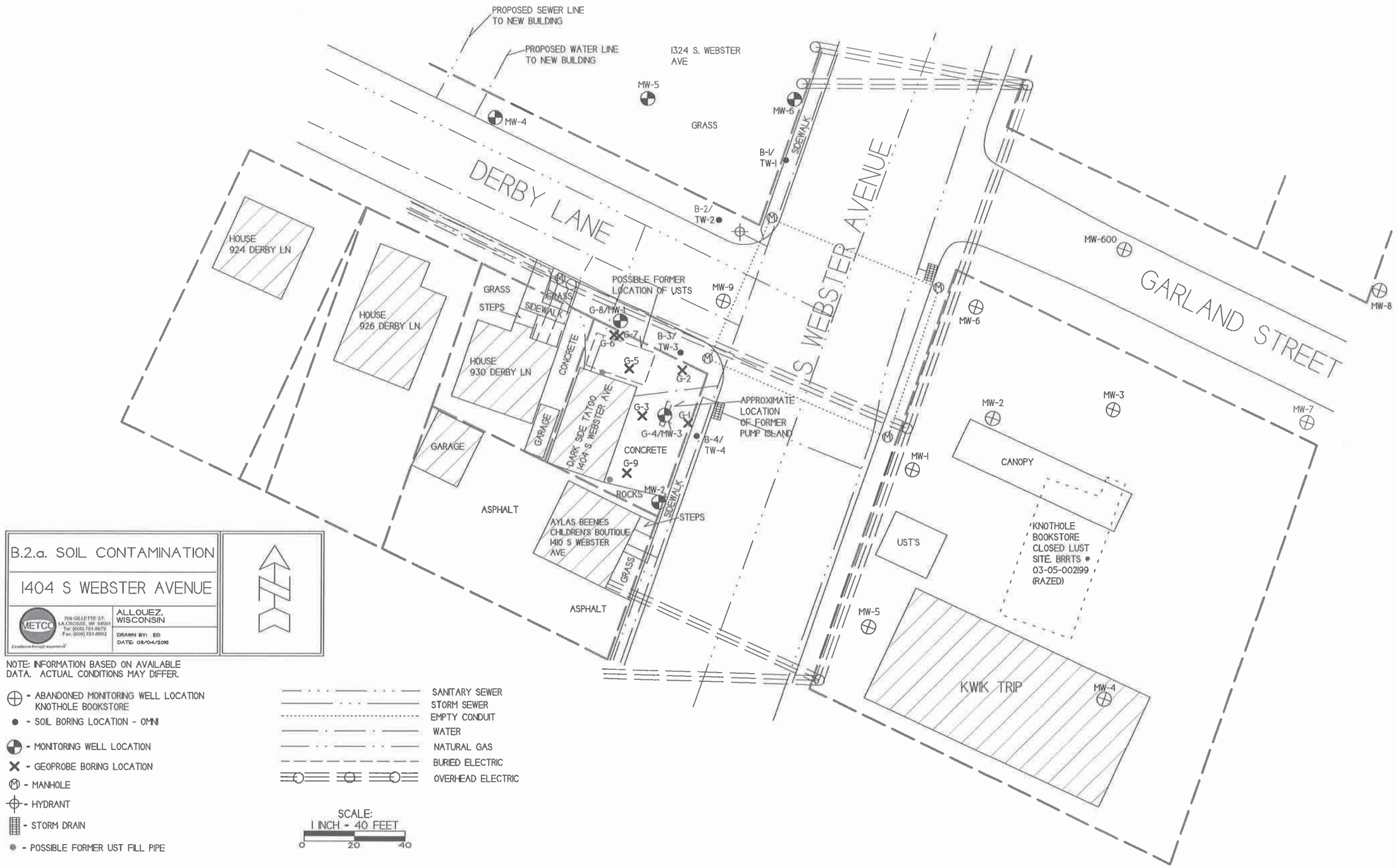
0.5 0 Distance / 2 0.5 Miles

1: 15,840

NAD_1983_HARN_Wisconsin_TM

Note: Not all sites are mapped.

Notes



B.2.a. SOIL CONTAMINATION

1404 S WEBSTER AVENUE

METCO
709 GILLETTE ST.
LA CROSSE, WI 54601
Tel: (608) 781-8870
Fax: (608) 781-8893
Excellence through experience

ALLOUEZ, WISCONSIN

DRAWN BY: ED
DATE: 08/04/2016

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- ⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE
- ● - SOIL BORING LOCATION - OMNI
- ◔ - MONITORING WELL LOCATION
- ✕ - GEOPROBE BORING LOCATION
- Ⓜ - MANHOLE
- ⊕ - HYDRANT
- ▥ - STORM DRAIN
- ● - POSSIBLE FORMER UST FILL PIPE

- SANITARY SEWER
- STORM SEWER
- EMPTY CONDUIT
- WATER
- NATURAL GAS
- BURIED ELECTRIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 40 FEET
0 20 40

B.3.a.l. GEOLOGIC CROSS SECTION

1404 S WEBSTER AVENUE

METCO

ALLOUEZ, WISCONSIN

DRAWN BY: BD
DATED: 08/04/2006

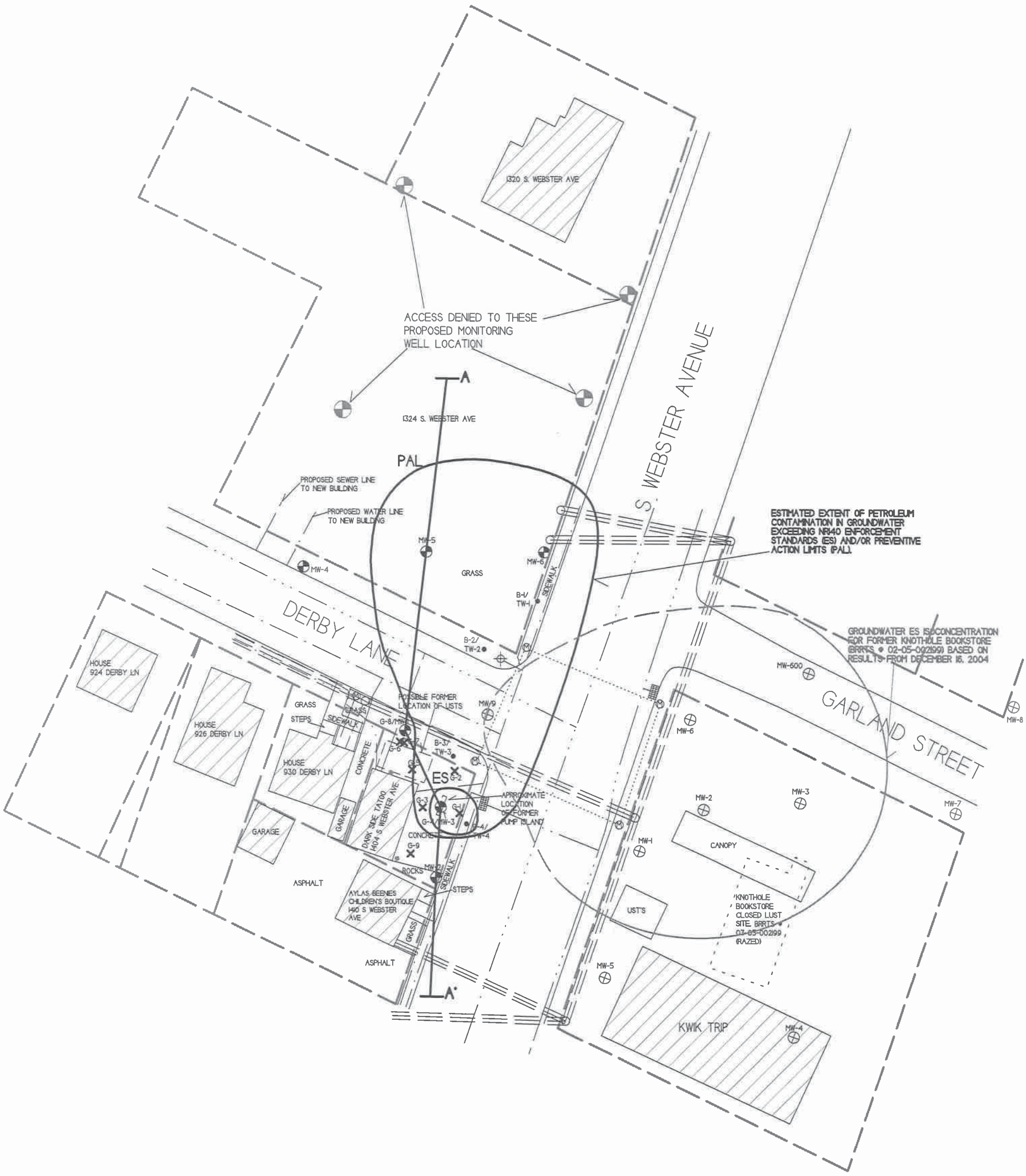
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 50 FEET

0 25 50

- ⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE
- ● - SOIL BORING LOCATION - OMNI
- ◔ - MONITORING WELL LOCATION
- ✕ - GEOPROBE BORING LOCATION
- Ⓜ - MAN-HOLE
- ⊕ - HYDRANT
- ▦ - STORM DRAIN
- ● - POSSIBLE FORMER UST FILL PIPE

- SANITARY SEWER
- STORM SEWER
- EMPTY CONDUIT
- WATER
- NATURAL GAS
- BURIED ELECTRIC
- OVERHEAD ELECTRIC



SANITARY SEWER
STORM SEWER
EMPTY CONDUIT
WATER
NATURAL GAS
BURIED ELECTRIC
OVERHEAD ELECTRIC

B.3.a.2 GEOLOGIC CROSS SECTION FIGURE (Close-Up)

1404 S WEBSTER AVENUE

METCO
709 GILLETTE ST.
LA CROSSE, WI 54601
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience™

ALLOUEZ, WISCONSIN

DRAWN BY: ED
DATE: 08/04/2016

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE:
1 INCH = 30 FEET
0 15 30

- ⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE
- ● - SOIL BORING LOCATION - OMNI
- ⊕ - MONITORING WELL LOCATION
- ✕ - GEOPROBE BORING LOCATION
- Ⓜ - MANHOLE
- ⊕ - HYDRANT
- ▦ - STORM DRAIN
- ● - POSSIBLE FORMER UST FILL PIPE

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING NR140 ENFORCEMENT STANDARDS (ES) AND/OR PREVENTIVE ACTION LIMITS (PAL).

ACCESS DENIED TO THESE PROPOSED MONITORING WELL LOCATION

A

1324 S. WEBSTER AVE

PAL

PROPOSED SEWER LINE TO NEW BUILDING

PROPOSED WATER LINE TO NEW BUILDING

S WEBSTER AVENUE

MW-5

MW-4

MW-6

GRASS

SIDEWALK

B-1/ TW-1

DERBY LANE

B-2/ TW-2

MW-600

POSSIBLE FORMER LOCATION OF USTS

MW-9

GRASS

STEPS

SIDEWALK

G-8/MW-1

G-7

G-6

B-3/ TW-3

G-5

ES

G-2

HOUSE 926 DERBY LN

HOUSE 930 DERBY LN

CONCRETE

DARK SIDE TATOO 1404 S WEBSTER AVE

G-3

G-1

G-4/MW-3

B-4/ TW-4

APRROXIMATE LOCATION OF FORMER PUMP ISLAND

GARAGE

GARAGE

CONCRETE

G-9

ROCKS

MW-2

SIDEWALK

STEPS

ASPHALT

AYLAS BEENIES CHILDREN'S BOUTIQUE 1410 S WEBSTER AVE

GRASS

ASPHALT

A'

GROUNDWATER ES ISOCONCENTRATION FOR FORMER KNOTHOLE BOOKSTORE (BRRTS # 02-05-002199) BASED ON RESULTS FROM DECEMBER 16, 2004

MW-6

MW-2

MW-3

MW-1

CANOPY

UST'S

KNOTHOLE BOOKSTORE CLOSED LUST SITE. BRRTS # 03-05-002199 (RAZED)

MW-5

B.3.a.3. GEOLOGIC CROSS SECTION FIGURE

1404 S WEBSTER AVENUE

METCO
709 Gillette St, Ste. 3
La CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

ALLOUEZ, WISCONSIN

DRAWN BY: TW

DATE: 1/9/19

VERTICAL SCALE:
1 INCH = 5 FEET

2.5

0

HORIZONTAL SCALE:
1 INCH = 30 FEET

0 15 30

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PPB.

GROUNDWATER FLOW IS TOWARD THE NORTHWEST.

NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS:
- GEOPROBE PROJECT (11/29/2016-11/30/2016)
- DRILLING PROJECT (11/29/2016-12/02/2016)
- ROUND 4 GROUNDWATER SAMPLING

- GEOPROBE BORING LOCATION
- GEOPROBE SOIL SAMPLE LOCATION
- MONITORING WELL LOCATION
- SOIL BORING SAMPLE LOCATION
- WATERTABLE

B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL TERT-BUTYL ETHER
N - NAPHTHALENE
PCE - TETRACHLOROETHENE (PCE)
T - TOLUENE
TCE - TRICHLOROETHENE (TCE)
TMB - TRIMETHYLBENZENE
X - XYLENE

FILL (VERY FINE GRAINED SAND)

VERY FINE GRAINED SAND

SANDY CLAY

SANDY CLAY WITH GRAVEL

VERY FINE GRAINED SAND WITH GRAVEL

SILT

A NORTH

A' SOUTH

640.00' MSL
635.00' MSL
630.00' MSL
625.00' MSL
620.00' MSL
615.00' MSL
610.00' MSL
605.00' MSL

GRASS
GRASS
DERBY LANE
FORMER UST AREA
CONCRETE
CONCRETE
LANDSCAPED AREA
SIDEWALK
S. WEBSTER AVENUE

MW-5
MW-1 G-7
G-5
MW-3
MW-2

MW-5-1 3.5 FEET
MW-5-2 8 FEET
MW-5-3 12 FEET
MW-5-4 16 FEET
MW-5-5 20 FEET
MW-5-6 24 FEET
MW-5-7 28 FEET

MW-1G-1-1 3.5 FEET
G-7-1 3 FEET
MW-1G-8-2 8 FEET
MW-1G-8-3 10 FEET
MW-1G-8-4 12 FEET
MW-1G-8-5 14 FEET
MW-1G-8-6 18 FEET
MW-1G-8-7 18 FEET
MW-1G-8-8 20 FEET
MW-1G-8-9 21 FEET

G-5-2 9 FEET
G-5-3 10 FEET
G-5-4 12 FEET
G-5-5 14 FEET
G-5-6 16 FEET
G-5-7 18 FEET
G-5-8 20 FEET
G-5-9 21 FEET

MW-3G-1-1 3.5 FEET
MW-3G-4-2 8 FEET
MW-3G-4-3 12 FEET
MW-3G-4-4 16 FEET
MW-3G-4-5 18 FEET
MW-3G-4-6 20 FEET
MW-3G-4-7 21 FEET

MW-2-1 3.5 FEET
MW-2-2 8 FEET
MW-2-3 10 FEET
MW-2-4 12 FEET
MW-2-5 14 FEET
MW-2-6 16 FEET
MW-2-7 18 FEET
MW-2-8 20 FEET
MW-2-9 24 FEET

ESTIMATED EXTENT OF CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL

11/26/18
1/31/17

MW-5
1.55 B
104 E
<1.4 MTBE
80 N
10.9 T
709 TMBS
556 X

MW-1
<2.2 B
<2.6 E
<2.8 MTBE
<21 N
<1.9 T
<14.3 TMBS
<7.2 X

MW-3
<2.2 B
8.2 E
<2.8 MTBE
<21 N
<1.9 T
149 TMBS
35 X

MW-2
<0.22 B
<0.26 E
<0.28 MTBE
<2.1 N
0.26 T
<1.43 TMBS
<0.72 X

B.3.b. GROUNDWATER ISOCONCENTRATION (PVOC) (11/26/18)

1404 S WEBSTER AVENUE

METCO

ALLOUEZ, WISCONSIN

DRAWN BY: BD
DATE: 08/04/2016

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 50 FEET

0 25 50

⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE

● - SOIL BORING LOCATION - OMNI

◔ - MONITORING WELL LOCATION

✕ - GEOPROBE BORING LOCATION

Ⓜ - MANHOLE

⊕ - HYDRANT

▦ - STORM DRAIN

✱ - POSSIBLE FORMER UST FILL PIPE

SANITARY SEWER
STORM SEWER
EMPTY CONDUIT
WATER
NATURAL GAS
BURIED ELECTRIC
OVERHEAD ELECTRIC

1320 S. WEBSTER AVE

ACCESS DENIED TO THESE PROPOSED MONITORING WELL LOCATION

1324 S. WEBSTER AVE

S. WEBSTER AVENUE

PROPOSED SEWER LINE TO NEW BUILDING

PROPOSED WATER LINE TO NEW BUILDING

PLEASE NOTE: EXCEEDANCES/DATA FROM THE 1324 PROPERTY IS NOT EXPECTED TO BE FROM THE 1404 SOURCE.

MW-5

MW-6

MW-4

GRASS

SIDEWALK

B-1/ TW-1

DERBY LANE

B-2/ TW-2

GROUNDWATER ES ISOCONCENTRATION FOR FORMER KNOTHOLE BOOKSTORE (BRRTS # 02-05-002199) BASED ON RESULTS FROM DECEMBER 16, 2004

MW-600

MW-8

HOUSE 924 DERBY LN

HOUSE 926 DERBY LN

HOUSE 930 DERBY LN

GRASS

STEPS

SIDEWALK

CONCRETE

GRASS

POSSIBLE FORMER LOCATION OF USTS

MW-9

G-8/MW-8

G-7

G-6

B-3/ TW-3

G-5

G-2

ES

APPROXIMATE LOCATION OF FORMER PUMP ISLAND

B-4/ TW-4

G-4/MW-4

G-3

CONCRETE

G-9

PAL

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING NR140 ENFORCEMENT STANDARDS (ES) AND/OR PREVENTIVE ACTION LIMITS (PAL).

MW-6

MW-3

MW-2

MW-7

MW-1

CANOPY

GARAGE

DARK SIDE TATTOO 1404 S WEBSTER AVE

GARAGE

ROCKS

MW-2

SIDEWALK

STEPS

ASPHALT

AYLAS BEENIES CHILDREN'S BOUTIQUE 1410 S WEBSTER AVE

GRASS

ASPHALT

UST'S

KNOTHOLE BOOKSTORE CLOSED LUST SITE. BRRTS 03-05-002199 (RAZED)

MW-5

KWIK TRIP

MW-4

SANITARY SEWER
STORM SEWER
EMPTY CONDUIT
WATER
NATURAL GAS
BURIED ELECTRIC
OVERHEAD ELECTRIC

B.3.c. GROUNDWATER FLOW DIRECTION (11/26/18)

1404 S WEBSTER AVENUE

METCO
709 GILLETTE ST.
LA CROSSE, WI 54601
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience™

ALLOUEZ, WISCONSIN

DRAWN BY: ED
DATE: 08/04/2016

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE:
1 INCH = 30 FEET
0 15 30

- ⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE
- ● - SOIL BORING LOCATION - OMNI
- ◔ - MONITORING WELL LOCATION
- ✕ - GEOPROBE BORING LOCATION
- Ⓜ - MANHOLE
- ⊕ - HYDRANT
- ▦ - STORM DRAIN
- ● - POSSIBLE FORMER UST FILL PIPE

ACCESS DENIED TO THESE PROPOSED MONITORING WELL LOCATION

1324 S. WEBSTER AVE

S. WEBSTER AVENUE

PROPOSED SEWER LINE TO NEW BUILDING

PROPOSED WATER LINE TO NEW BUILDING

612.92' MSL MW-5
612.97' MSL MW-4
613.00' MSL
613.10' MSL
613.16' MSL MW-6
613.20' MSL
613.30' MSL
613.40' MSL
613.50' MSL
613.38' MSL
613.60' MSL
613.63' MSL
613.52' MSL MW-2

GRASS
SIDEWALK
B-1/TW-1
B-2/TW-2
B-3/TW-3
B-4/TW-4
G-1
G-2
G-3
G-4/MW-3
G-5
G-6
G-7
G-8/MW-1
G-9
MW-600
MW-9
MW-6
MW-2
MW-3
MW-1
MW-5
DERBY LANE
HOUSE 926 DERBY LN
HOUSE 930 DERBY LN
GARAGE
CONCRETE
DARK SIDE TATOO 1404 S WEBSTER AVE
APPROXIMATE LOCATION OF FORMER PUMP ISLAND
CANOPY
UST'S
KNOTHOLE BOOKSTORE CLOSED LUST SITE, BRRTS # 03-05-002199 (RAZED)
ASPHALT
AYLAS BEENIES CHILDREN'S BOUTIQUE 1410 S WEBSTER AVE
ROCKS
STEPS
POSSIBLE FORMER LOCATION OF USTS

B.3.d. MONITORING WELLS

1404 S WEBSTER AVENUE

METCO

ALLOUEZ, WISCONSIN

DRAWN BY: ED
DATE: 08/04/2006

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 50 FEET

0 25 50

⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE

◒ - MONITORING WELL LOCATION (PROPOSED TO BE TRANSFERED TO ERP SITE (BRRTS# 02-05-514372)

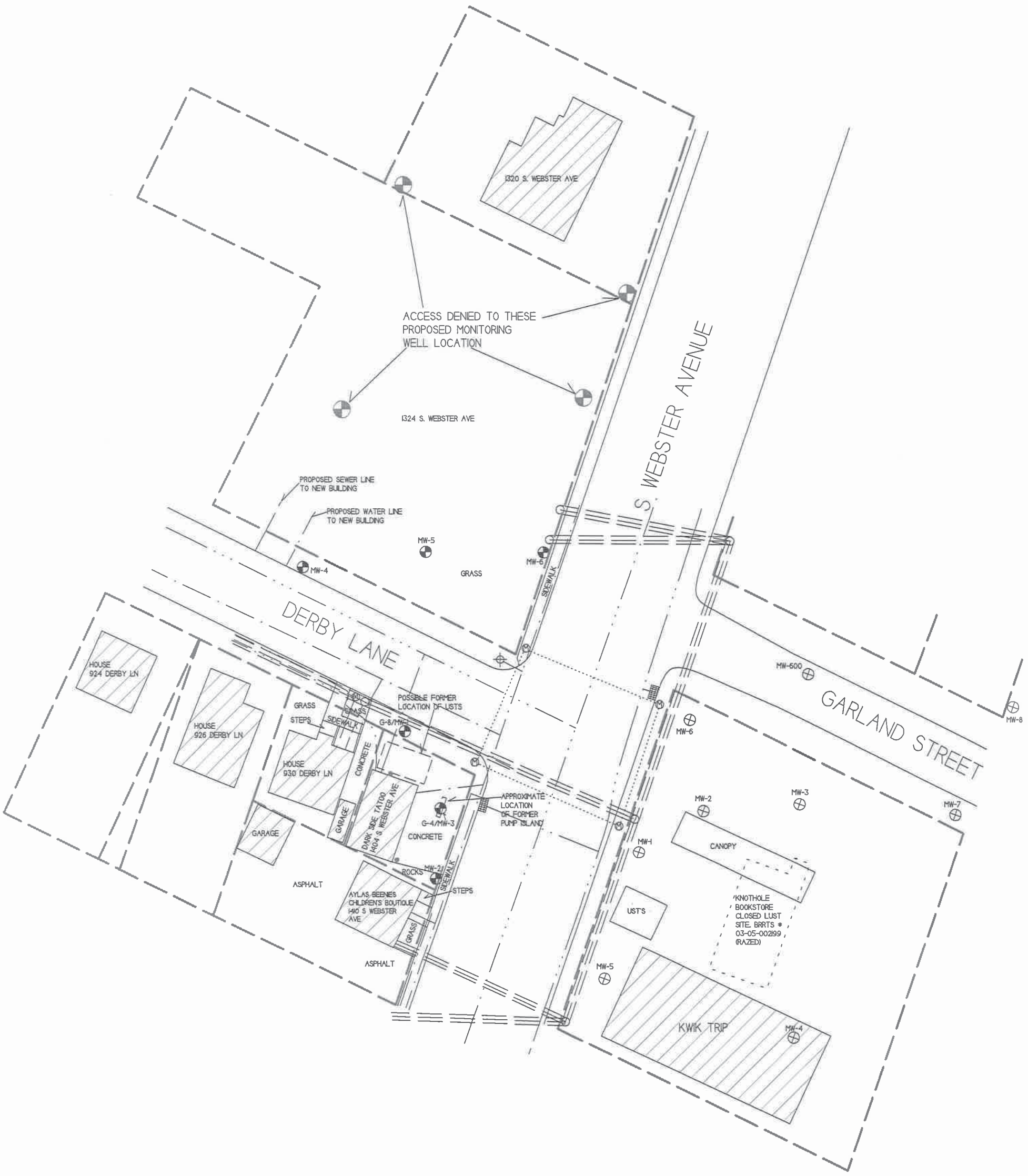
Ⓜ - MANHOLE

⊕ - HYDRANT

▦ - STORM DRAIN

● - POSSIBLE FORMER UST FILL PIPE

SANITARY SEWER
STORM SEWER
EMPTY CONDUIT
WATER
NATURAL GAS
BURIED ELECTRIC
OVERHEAD ELECTRIC



Attachment C/Documentation of Remedial Action

C.1 Site Investigation documentation – Previous site investigation activities are documented in the following reports:

- Site Investigation Report – March 28, 2019

C.2 Investigative waste

C.3 Provide a description of the methodology used along with all supporting documentation if the Residual Contaminant Levels are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.goc/topic/brownfields.Professionals.html\ - Residual Contaminant Levels (RCLs) were established in accordance with NR 720.10 and NR 720.12. Soil RCL for the protection of the groundwater pathway and for non-industrial direct contact were taken from the RR programs RCL spreadsheet.

C.4 Construction documentation – No remedial systems were installed.

C.5 Decommissioning of Remedial Systems – No remedial systems were installed.

C.6 Other – Not Applicable

C.2. Investigative Waste

DKS Transport Services, LLC
N7349 548th Street
Menomonie, WI 54751
715-556-2604

INVOICE 12-5- 20 16

CUSTOMER: Lee Amundson % METCO
709 Gillette Street Suite 3
La Crosse WI 54603

JOB NAME: 1404 S Webster Ave
Allouez WI

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE		AMOUNT	
	1	Mobilization	1	287	70	287	70
	12	Haul soil drums to Advanced Disposal - Eau Claire WI	12	108	15	1297	80
	2	Haul Water drums to Advanced Disposal Eau Claire WI	2	42	11	84	22
		Thank You					
		Mike Sorg					
				TOTAL		1669	72

Due upon receipt of invoice.
1.5% per month Service Charge (18% Annual Percentage Rate) will be added to past due accounts.

SIGNATURE _____ 178

Inv. Waste Disposal
Delivered 12/6/16
OK

Attachment D/Maintenance Plan(s)

D.1 Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required via cap maintenance plan. – No maintenance plan is being required at this time due to no soil contamination.

D.2 Location map(s) – No maintenance plan is being required at this time due to no soil contamination.

D.3 Photographs – No maintenance plan is being required at this time due to no soil contamination.

D.4 Inspection log – No maintenance plan is being required at this time due to no soil contamination.

Attachment E/Monitoring Well Information

All monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6) will be transferred to ERP site (BRRTS# 02-05-514372) to Lee Amundson.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: 1404 S Webster Ave	Local Grid Location of Well: ft. ☐N ☐S, ft. ☐E ☐W	Well Name: MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VR602 / DNR Well ID No.
Facility ID	St. Plane ft. N, ft. E. S/C/N	Date Well Installed: 11/30/2016 (m m d d y y y y)
Type of Well: Well Code 11/MW	Section Location of Waste/Source: 1/4 of 1/4 of Sec, T. N, R. ☐E ☐W	Well Installed By: Name (first, last) and Firm: Darrin Prentice, Geiss Soil & Samples LLC
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ft. MSL
B. Well casing, top elevation ft. MSL
C. Land surface elevation ft. MSL
D. Surface seal, bottom ft. MSL or 0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

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

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

16. Drilling additives used? ☐ Yes ☒ No
Describe

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

E. Bentonite seal, top ft. MSL or 1 ft.
F. Fine sand, top ft. MSL or 16 ft.
G. Filter pack, top ft. MSL or 17 ft.
H. Screen joint, top ft. MSL or 19 ft.
I. Well bottom ft. MSL or 29 ft.
J. Filter pack, bottom ft. MSL or 30 ft.
K. Borehole, bottom ft. MSL or 30 ft.
L. Borehole, diameter 8.25 in.
M. O.D. well casing 2.40 in.
N. I.D. well casing 2.06 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe:
3. Surface seal: Bentonite ☒ 30 / Concrete ☐ 01 / Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. #45 Red Flint
b. Volume added ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. #40 Red Flint
b. Volume added ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☐ 14 / Other ☒

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

Signature: Darrin Prentice Firm: Geiss Soil & Samples LLC

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

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: 1404 S Webster Ave	Local Grid Location of Well: ft. ☐N. ☐S. ft. ☐E. ☐W.	Well Name: MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No.: VR603 / DNR Well ID No.
Facility ID	St. Plane ft. N, ft. E. S/C/N	Date Well Installed: 11/30/2016 (m m d d y y y y)
Type of Well: Well Code 11/MW	Section Location of Waste/Source: 1/4 of 1/4 of Sec. T. N, R. ☐E ☐W	Well Installed By: Name (first, last) and Firm: Darrin Prentice / Geiss Soil + Samples LLC
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient c ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ft. MSL
B. Well casing, top elevation ft. MSL
C. Land surface elevation ft. MSL
D. Surface seal, bottom ft. MSL or 0 ft.

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

13. Sieve analysis performed? ☐ Yes ☒ No

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

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

16. Drilling additives used? ☐ Yes ☒ No
Describe

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

E. Bentonite seal, top ft. MSL or 1 ft.
F. Fine sand, top ft. MSL or 10 ft.
G. Filter pack, top ft. MSL or 12 ft.
H. Screen joint, top ft. MSL or 14 ft.
I. Well bottom ft. MSL or 24 ft.
J. Filter pack, bottom ft. MSL or 25 ft.
K. Borehole, bottom ft. MSL or 25 ft.
L. Borehole, diameter 8.25 in.
M. O.D. well casing 2.40 in.
N. I.D. well casing 2.06 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe:
3. Surface seal: Bentonite ☒ 30 / Concrete ☒ 01 / Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ 30 / Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. % Bentonite ..... Bentonite-cement grout ☐ 50
e. Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. #15 Red Flint
b. Volume added ft³
8. Filter pack material: Manufacturer, product name & mesh size
a. #40 Red Flint
b. Volume added ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer Johnson
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☐ 14 / Other ☒

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

Signature: Darrin Prentice Firm: Geiss Soil + Samples LLC

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

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTI
Form 4400-113A Rev. 4

Facility/Project Name: Webster Ave	Local Grid Location of Well: ☐ N. ☐ S. _____ ft. ☐ E. ☐ W. _____ ft.	Well Name: MW-3
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. _____ Long. _____ or	Wis. Unique Well Number: DNR Well Num: VS827
Type of Well: Water Table Observation Well ~~☐ 11~~ Piezometer ☐ 12	St. Plane _____ ft. N. _____ ft. E.	Date Well Installed: 12 / 1 / 2016 (m m d d y y)
Distance Well Is From Waste/Source Boundary: _____ ft.	Section Location of Waste/Source: ___ 1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐ E. ☐ W.	Well Installed By: (Person's Name and Firm): Craig Plant / GroundSource
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

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

13. Sieve analysis attached? ☐ Yes ~~☐ No~~

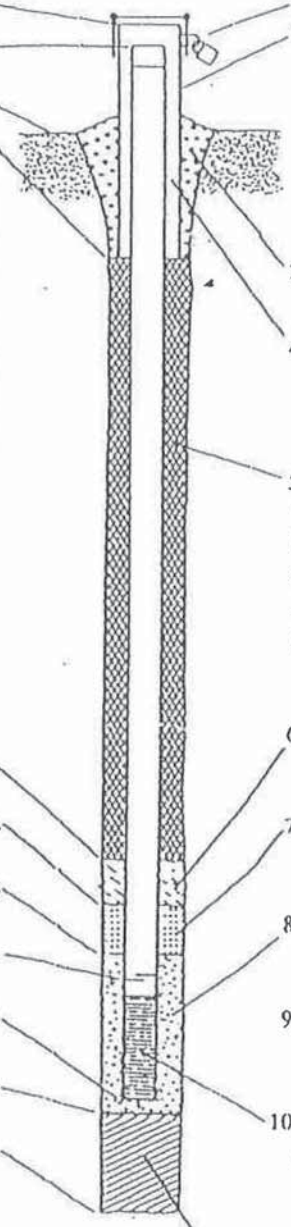
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

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

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 16.0 ft.
G. Filter pack, top _____ ft. MSL or 18.0 ft.
H. Screen joint, top _____ ft. MSL or 20 ft.
I. Well bottom _____ ft. MSL or 30 ft.
J. Filter pack, bottom _____ ft. MSL or 30.5 ft.
K. Borehole, bottom _____ ft. MSL or 30.5 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.



1. Cap and lock? ☒ Yes ☐ I
2. Protective cover pipe:
a. Inside diameter: 8
b. Length: 1
c. Material: Steel ☒ Other ☐
d. Additional protection? ☐ Yes ☒ I
If yes, describe: _____
3. Surface seal: Bentonite ☒ Concrete ☐ Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ Annular space seal ☐ Other ☐
5. Annular space seal: a. Granular Bentonite ☒
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐
d. _____ % Bentonite . . . . . Bentonite cement grout ☐
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ Tremie pumped ☐ Gravity ☒
6. Bentonite seal: a. Bentonite granules ☐
b. ☐ 1/4 in. ~~☐ 3/8~~ in. ☐ 1/2 in. Bentonite pellets ☒
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh si
a. 40/100 Badger
b. Volume added .5 ft^3
8. Filter pack material: Manufacturer, product name and mesh
a. 20/40 Badger
b. Volume added 4 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ Flush threaded PVC schedule 80 ☐ Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☐ Continuous slot ☒ Other ☐
b. Manufacturer Johnson
c. Slot size: 0.010
d. Slotted length: 10
11. Backfill material (below filter pack): None ~~☒~~ Other ☐

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

Signature: Craig Plant | Firm: GroundSource

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160 Wis Stats and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTI
Form 4400-113A Rev. 4

Facility/Project Name: Webster Ave	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-4
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. ____ Long. ____ or	Wis. Unique Well Number: VS828 DNR Well Num
Type of Well: Water Table Observation Well ☐ 11 Piezometer ☐ 12	St. Plane ____ ft. N. ____ ft. E.	Date Well Installed: 12/1/2011 (m m d d y y)
Distance Well Is From Waste/Source Boundary: ____ ft.	Section Location of Waste/Source: ___1/4 of ___1/4 of Sec. ___, T. ___ N, R. ___ ☐E. ☐W.	Well Installed By: (Person's Name and Firm) Craig Plat
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	GroundSource

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

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

13. Sieve analysis attached? ☐ Yes ☒ No

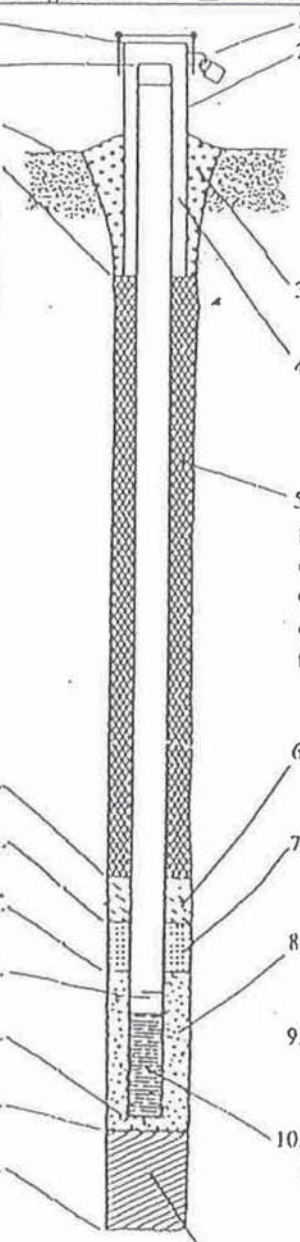
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐
_____

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

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or ~~10~~ 13.00 ft.
G. Filter pack, top _____ ft. MSL or ~~20~~ 15.00 ft.
H. Screen joint, top _____ ft. MSL or ~~22~~ 17.0 ft.
I. Well bottom _____ ft. MSL or 32.0 ft.
J. Filter pack, bottom _____ ft. MSL or 32.5 ft.
K. Borehole, bottom _____ ft. MSL or 32.5 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.



1. Cap and lock? ☒ Yes ☐
2. Protective cover pipe:
a. Inside diameter: 8
b. Length: 1
c. Material: Steel ☒ Other ☐
d. Additional protection? ☐ Yes ☒
If yes, describe: _____
3. Surface seal: Bentonite ☒ Concrete ☐ Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ Annular space seal ☐ Other ☐
5. Annular space seal: a. Granular Bentonite ☒
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐
d. _____ % Bentonite . . . . . Bentonite cement grout ☐
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ Tremie pumped ☐ Gravity ☒
6. Bentonite seal: a. Bentonite granules ☐
b. ☐ 1/4 in. ~~☐ 3/8~~ in. ☐ 1/2 in. Bentonite pellets ☒
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh si
a. 40/100 Badger
b. Volume added .5 Ft³
8. Filter pack material: Manufacturer, product name and mesh
a. 20/40 Badger
b. Volume added 4 Ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ Flush threaded PVC schedule 80 ☐ Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☐ Continuous slot ☒ Other ☐
b. Manufacturer Johnson
c. Slot size: 0.010
d. Slotted length: 10.
11. Backfill material (below filter pack): None ☒ Other ☐
_____

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

Signature: Craig Plat Firm: GroundSource

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTI
Form 4400-113A Rev. 4

Facility/Project Name: Webster Ave	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-5
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. ____ Long. ____ or St. Plane ____ ft. N. ____ ft. E.	Wis. Unique Well Number: VS826 DNR Well Num:
Type of Well: Water Table Observation Well ☐11 Piezometer ☐12	Section Location of Waste/Source: ___1/4 of ___1/4 of Sec. ___, T. ___ N, R. ___ ☐E. ☐W.	Date Well Installed: 12/2/2016 (m m / d d / y y)
Distance Well Is From Waste/Source Boundary: ____ ft.	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Well Installed By: (Person's Name and Firm): Craig Plat GroundSource
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No		

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

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

13. Sieve analysis attached? ☐ Yes ☒ No

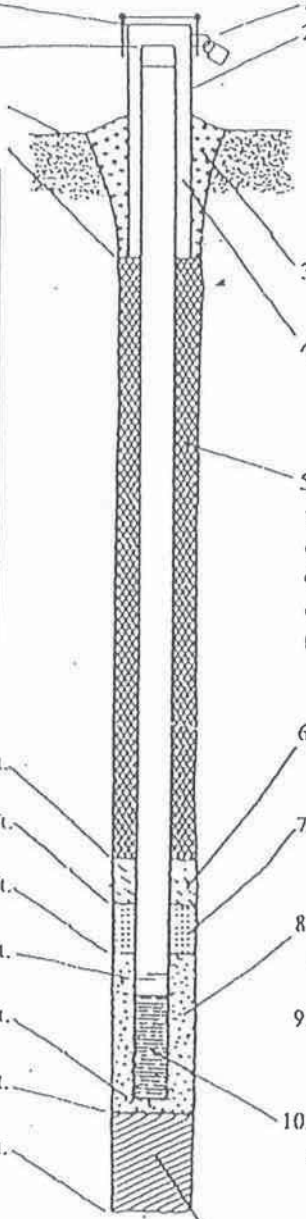
14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

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

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis):
_____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 11.0 ft.
G. Filter pack, top _____ ft. MSL or 13.0 ft.
H. Screen joint, top _____ ft. MSL or 15.0 ft.
I. Well bottom _____ ft. MSL or 25.0 ft.
J. Filter pack, bottom _____ ft. MSL or 28.5 ft.
K. Borehole, bottom _____ ft. MSL or 28.5 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8
b. Length: 1
c. Material: Steel ☒ Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☒ Concrete ☐ Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ Annular space seal ☐ Other ☐
5. Annular space seal: a. Granular Bentonite ☒
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐
d. _____ % Bentonite . . . . . Bentonite cement grout ☐
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ Tremie pumped ☐ Gravity ☒
6. Bentonite seal: a. Bentonite granules ☐
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite pellets ☒
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. 40/100 Badger
b. Volume added .5 ft^3
8. Filter pack material: Manufacturer, product name and mesh
a. 20/40 Badger
b. Volume added 4 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ Flush threaded PVC schedule 80 ☐ Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☐ Continuous slot ☒ Other ☐
b. Manufacturer Johnson
c. Slot size: 0.010
d. Slotted length: 10.
11. Backfill material (below filter pack): None ☒ Other ☐

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

Signature: Craig Plat | Firm: GroundSource

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☐ Other ☐ _____

MONITORING WELL CONSTRUCTI
Form 4400-113A Rev. 4

Facility/Project Name: Webster Ave	Local Grid Location of Well: ____ ft. ☐N ☐S ____ ft. ☐E ☐W	Well Name: MW-5
Facility License, Permit or Monitoring Number: _____	Grid Origin Location: Lat. ____ Long. ____ or	Wis. Unique Well Number / DNR Well Num: US225
Type of Well: Water Table Observation Well ☒ / Piezometer ☐ 12	St. Plane ____ ft. N. ____ ft. E.	Date Well Installed: 12/7/2011 (m m d d y y)
Distance Well Is From Waste/Source Boundary: ____ ft.	Section Location of Waste/Source: ___1/4 of ___ 1/4 of Sec. ___, T. ___ N, R. ___ ☐E ☐W	Well Installed By: (Person's Name and Firm): Craig Plat / GroundSource
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation _____ ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

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

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

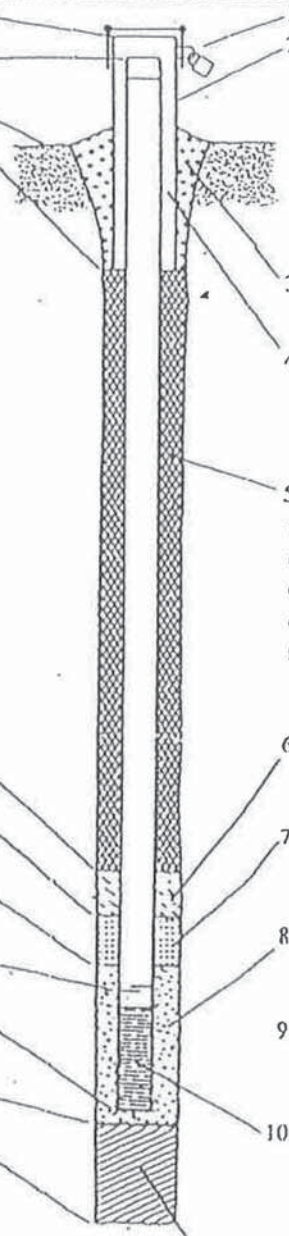
15. Drilling fluid used: Water ☐ 02 Air ☐ 01 / Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis): _____

E. Bentonite seal, top _____ ft. MSL or 1 ft.
F. Fine sand, top _____ ft. MSL or 16.0 ft.
G. Filter pack, top _____ ft. MSL or 18.0 ft.
H. Screen joint, top _____ ft. MSL or 20.0 ft.
I. Well bottom _____ ft. MSL or 30.0 ft.
J. Filter pack, bottom _____ ft. MSL or 30.5 ft.
K. Borehole, bottom _____ ft. MSL or 30.5 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.04 in.



1. Cap and lock? ☒ Yes ☐
2. Protective cover pipe:
a. Inside diameter: 8
b. Length: 1
c. Material: Steel ☒ / Other ☐
d. Additional protection? ☐ Yes ☒
If yes, describe: _____
3. Surface seal: Bentonite ☒ / Concrete ☐ / Other ☐
4. Material between well casing and protective pipe: Bentonite ☒ / Annular space seal ☐ / Other ☐
5. Annular space seal: a. Granular Bentonite ☒
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐
d. _____ % Bentonite . . . . . Bentonite cement grout ☐
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ / Tremie pumped ☐ / Gravity ☒
6. Bentonite seal: a. Bentonite granules ☐
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ☒
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh si
a. 40/100 Badger
b. Volume added 1.5 ft^3
8. Filter pack material: Manufacturer, product name and mesh
a. 20/40 Badger
b. Volume added 4 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ / Flush threaded PVC schedule 80 ☐ / Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☐ / Continuous slot ☐ / Other ☐
b. Manufacturer Johnson
c. Slot size: 0.010
d. Slotted length: 10.
11. Backfill material (below filter pack): None ☒ / Other ☐ _____

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

Signature: Craig Plat | Firm: GroundSource

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats. and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
1404 S. Webster Avenue	BROWN	MW-1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	5	VR602	

1. Can this well be purged dry? ☐ Yes X No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	[X] 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 40 min.

4. Depth of well (from top of well casisng) 29 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 8.8 gal.

7. Volume of water removed from well 45 gal.

8. Volume of water added (if any) ____ gal.

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	20.92 ft.	21.05 ft.
Date b.	11 / 30 / 2016 (m m d d y y y y)	11 / 30 / 2016 (m m d d y y y y)
Time c.	12 : 25 ☐ a.m. X p.m.	01 : 05 ☐ a.m. [X] p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe) Gray	Clear [X] 20 Turbid ☐ 25 (Describe) Clear
	High Turbidity	Low Turbidity
14. Total suspended solids	____ mg/l	____ mg/l
15. COD	____ mg/l	____ mg/l

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

16. Well developed by: Name (first, last) and Firm
First Name: Eric Last Name: Dahl
Firm: METCO

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Lee Last Name: Amundson
Facility/Firm: _____
Street: 6426 Nero Lane
City/State/Zip: Sobieski WI 54171-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Eric Dahl
Firm: METCO

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
1404 S. Webster Avenue	BROWN	MW-2
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	5__	VR603 / ____

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	[X]	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 195 min.

4. Depth of well (from top of well casisng) 24.5 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 2.2 gal.

7. Volume of water removed from well 5 gal.

8. Volume of water added (if any) ____ gal.

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 22.45 ft.	23.17 ft.
Date	b. 12 / 01 / 2016 (mm/dd/yyyy)	12 / 01 / 2016 (mm/dd/yyyy)
Time	c. 12 : 45 [X] p.m. ☐ a.m.	04 : 00 [X] p.m. ☐ a.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe) Tan	Clear ☐ 20 Turbid [X] 25 (Describe) Light Tan
	High Turbidity	Low Turbidity

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

14. Total suspended solids	____ mg/l	____ mg/l
15. COD	____ mg/l	____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Eric Last Name: Dahl
Firm: METCO

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Lee Last Name: Amundson
Facility/Firm: _____
Street: 6426 Nero Lane
City/State/Zip: Sobieski WI 54171-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Eric Dahl
Firm: METCO

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
1404 S. Webster Avenue	BROWN	MW-3
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	5__	VS827 / ___

1. Can this well be purged dry? ☐ Yes X No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	[X] 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 45 min.

4. Depth of well (from top of well casisng) 30 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 9.2 gal.

7. Volume of water removed from well 50 gal.

8. Volume of water added (if any) ___ gal.

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 21.62 ft.	22.25 ft.
Date	b. 12 / 01 / 2016 (m m d d y y y y)	12 / 01 / 2016 (m m d d y y y y)
Time	c. 02 : 40 ☐ a.m. X p.m.	03 : 25 ☐ a.m. [X] p.m.
12. Sediment in well bottom	___ inches	___ inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe) Tan	Clear [X] 20 Turbid ☐ 25 (Describe) Clear
	High Turbidity	Low Turbidity

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

14. Total suspended solids	___ mg/l	___ mg/l
15. COD	___ mg/l	___ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Eric Last Name: Dahl
Firm: METCO

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Lee Last Name: Amundson
Facility/Firm: _____
Street: 6426 Nero Lane
City/State/Zip: Sobieski WI 54171-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Eric Dahl
Firm: METCO

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
1404 S. Webster Avenue	BROWN	MW-4
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	5	VS826	

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	[X]	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 105 min.

4. Depth of well (from top of well casisng) 32 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 4.8 gal.

7. Volume of water removed from well 5 gal.

8. Volume of water added (if any) ____ gal.

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 27.65 ft.	30.85 ft.
Date	b. 12 / 02 / 2016 (m m / d d / y y y y)	12 / 02 / 2016 (m m / d d / y y y y)
Time	c. 08 : 30 [X] a.m. ☐ p.m.	10 : 15 [X] a.m. ☐ p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe) Tan	Clear ☐ 20 Turbid [X] 25 (Describe) Light Tan
	High Turbidity	Low Turbidity

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

14. Total suspended solids ____ mg/l ____ mg/l

15. COD ____ mg/l ____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Eric Last Name: Dahl
Firm: METCO

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Lee Last Name: Amundson
Facility/Firm: _____
Street: 6426 Nero Lane
City/State/Zip: Sobieski WI 54171-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Eric Dahl
Firm: METCO

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment [X] Other ☐ _____

Facility/Project Name	County Name	Well Name
1404 S. Webster Avenue	BROWN	MW-5
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	5	VS825 /

1. Can this well be purged dry? [X] Yes ☐ No

2. Well development method

surged with bailer and bailed	[X] 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 65 min.

4. Depth of well (from top of well casisng) 28 ft.

5. Inside diameter of well 2 in.

6. Volume of water in filter pack and well casing 14.3 gal.

7. Volume of water removed from well 5 gal.

8. Volume of water added (if any) ____ gal.

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 14.94 ft.	23.21 ft.
Date	b. 12 / 02 / 2016 (m m d d y y y y)	12 / 02 / 2016 (m m d d y y y y)
Time	c. 10 : 40 [X] a.m. ☐ p.m.	11 : 45 [X] a.m. ☐ p.m.
12. Sediment in well bottom	____ inches	____ inches
13. Water clarity	Clear ☐ 10 Turbid [X] 15 (Describe) Tan, High Turbidity	Clear ☐ 20 Turbid [X] 25 (Describe) Light Tan, Low Turbidity

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

14. Total suspended solids	____ mg/l	____ mg/l
15. COD	____ mg/l	____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Eric Last Name: Dahl
Firm: METCO

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Lee Last Name: Amundson
Facility/Firm: _____
Street: 6426 Nero Lane
City/State/Zip: Sobieski WI 54171-

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Eric Dahl
Firm: METCO

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County Name	Well Name
Webster Ave	Brown	MW6

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	__	VS825	___

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☒ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 90 min.

4. Depth of well (from top of well casisng) 20.5 ft.

5. Inside diameter of well 2. in.

6. Volume of water in filter pack and well casing 5. gal.

7. Volume of water removed from well 35. gal.

8. Volume of water added (if any) 0. gal.

9. Source of water added _____

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

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 23. ft.	23. ft.
Date	b. 12/7/2016 (m m d d y y y y)	12/7/2016 (m m d d y y y y)
Time	c. 9:00 ☒ a.m. ☐ p.m.	10:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)

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

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Craig Last Name: Plant
Firm: GroundSource

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: _____ Last Name: _____
Facility/Firm: _____
Street: _____
City/State/Zip: _____

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Craig Plant
Print Name: Craig Plant
Firm: GroundSource

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

Attachment F/Source Legal Documents

F.1 Deed

F.2 Certified Survey Map

F.3 Verification of Zoning – According to the Village of Allouez Zoning Map, the source property is zoned as "E" Commercial District.

F.4 Signed Statement

1533249

Document Number

J 28142 I 25

WARRANTY DEED

Document Title

REGISTER OF DEEDS
BROWN COUNTY

'96 DEC 30 PM 3 26

CATHY WILLIQUETTE
REGISTER OF DEEDS

F.I. Deed

12

Recording Area

Name and Return Address

Warpinski & Vande Castle, S.C.
P.O. Box 993
Green Bay, WI 54305

Parcel Identification Number (PIN)

This information must be completed by submitter: *document title, name & return address, and PIN (if required). Other information such as the granting clauses, legal description, etc. may be placed on this first page of the document or may be placed on additional pages of the document. Note: Use of this cover page adds one page to your document and $2.00 to the recording fee.* Wisconsin Statutes, 59.517. WRDA 2/96

1533249 J 28142 I 26

WARRANTY DEED

GENEVIEVE E. GRAUME, (a/k/a GENEVIEVE I. GRAUME), a single person, conveys and warrants a one-half (1/2) interest as a tenant-in-common, to MARK AMUNDSON and LEE A. AMUNDSON, husband and wife, the following described real estate located in Brown County, Wisconsin, and described as follows:

The East 50 feet of Lot 6, Thomas McLean's Addition, Village of Allouez, Brown County, Wisconsin.

TAX PARCEL NUMBER: AL-1424

This is not homestead property.

The property is subject to municipal and zoning ordinances, any recorded easements for public utilities serving the property, recording building and use restrictions and covenants, and general taxes levied in the year of closing.

Dated this 22 day of February, 1996.

Genevieve I. Graume
Genevieve I. Graume

FEE
7725(8)
EXEMPT

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
COUNTY OF BROWN)

Personally came before me this 22nd day of February, 1996, the above named GENEVIEVE I. GRAUME, to me known to be the person who executed the above instrument and acknowledged the same.

(NOTARY SEAL)

Joseph M Blise
Notary Public
Brown County, Wisconsin
My commission May 03, 1998

NOTARY PUBLIC JOSEPH M. BLISE STATE OF WISCONSIN

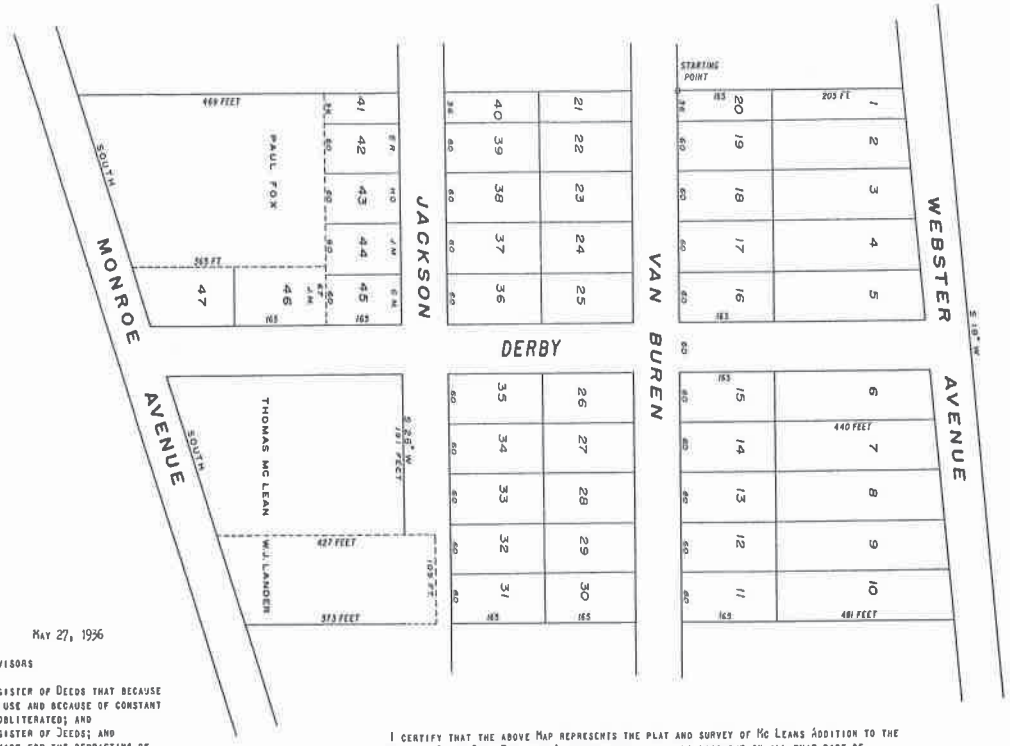
This instrument drafted by William J. Vande Castle, WARPINSKI & VANDE CASTLE, S.C., P. O. Box 993, Green Bay, Wisconsin 54305-0993.

F.2. Certified Survey Map

THOMAS MC LEAN'S ADDITION

TO THE CITY OF

GREEN BAY



May 27, 1936

To the Honorable Chairman and Members of the Brown County Board of Supervisors

Gentlemen:

WHEREAS, it has been brought to the attention of your committee on Register of Deeds that because of the fact that early plats were recorded without much regard to future use and because of constant use many of these plats have become worn and the figures and dimensions obliterated; and

WHEREAS, these plats are to be a permanent record in said office of Register of Deeds; and

WHEREAS, under Section 59.17 of the Wisconsin Statutes a provision is made for the redrafting of such worn and obliterated plats, and Section 59.07, Subdivision 6, gives the County Board the power to have the care of county property and the management of the business of county in all cases where no other provision is made.

THEREFORE, IT IS HEREBY ORDERED, that those plat which have become worn and on which the figures and dimensions are becoming obliterated, be redrafted by Omer J. Hussin, County Surveyor, and that the sum of $500.00 be and is hereby appropriated for that purpose, Mr. Hussin to work on this redrafting for the sum of 65¢ per hour.

Respectfully submitted
True Anderson
John Greenwood
Enos E. Straub
Urban O'Connor
Claude Thompson

Committee on Register of Deeds and Clerks of Circuit and Municipal Courts.

I, Joseph A. Liebergen, County Clerk in and for Brown County, Wisconsin, do hereby certify that the foregoing is a correct and true copy of a resolution which was passed by the Brown County Board of Supervisors on May 27, 1936.

Joseph A. Liebergen
County Clerk, Brown County, Wisconsin

State of Wisconsin } ss
Brown County }

I, Harold P. Loch, Register of Deeds for Brown County, Wisconsin, hereby certify that I have carefully compared the annexed copy of a transcript of Thomas McLean's Addition to the City of Green Bay in Brown County, Wisconsin, with the original Plat of Thomas McLean's Addition to the City of Green Bay in Brown County, Wisconsin, on file in the Register of Deeds Office, Brown County, Wisconsin, from which said copy was transcribed, and said copy is a correct and literal copy of such Thomas McLean's Addition to the City of Green Bay in Brown County, Wisconsin.

In Testimony Whereof, I have set my hand and affixed my official seal at the City of Green Bay, in said County, this 10th day of May A.D. 1968

Harold P. Loch
Register of Deeds

I certify that the above Map represents the plat and survey of Mc Leans Addition to the City of Green Bay. The said Addition is situated and laid out on all that part of Private Claim Number Ten East side of Fox River which is laying between the continuation of Webster Street of the City of Green Bay, and the continuation of Monroe Avenue or the River Shore Road leading from Green Bay to Village of De Pere. The Lots in said Addition are marked and numbered, and the Length, and width of each Lot as also the course and distance is expressed in figures as the plat sets forth. The starting point of survey is at the Northwest corner of Lot 20 at Van Buren Street the line and direction of which is intented in all cases to correspond with Van Buren Street in the City of Green Bay.

March the 18th 1875
Joseph Heyman
City Surveyor

I hereby certify that I am the Owner of the above tract of Land and have caused the same to be surveyed as above, and desire that the same be recorded.

Thomas Mc Lean (Seal)

In Presence of B.M. Berendsen
H.T.E. Berendsen

State of Wisconsin } ss
County of Brown }

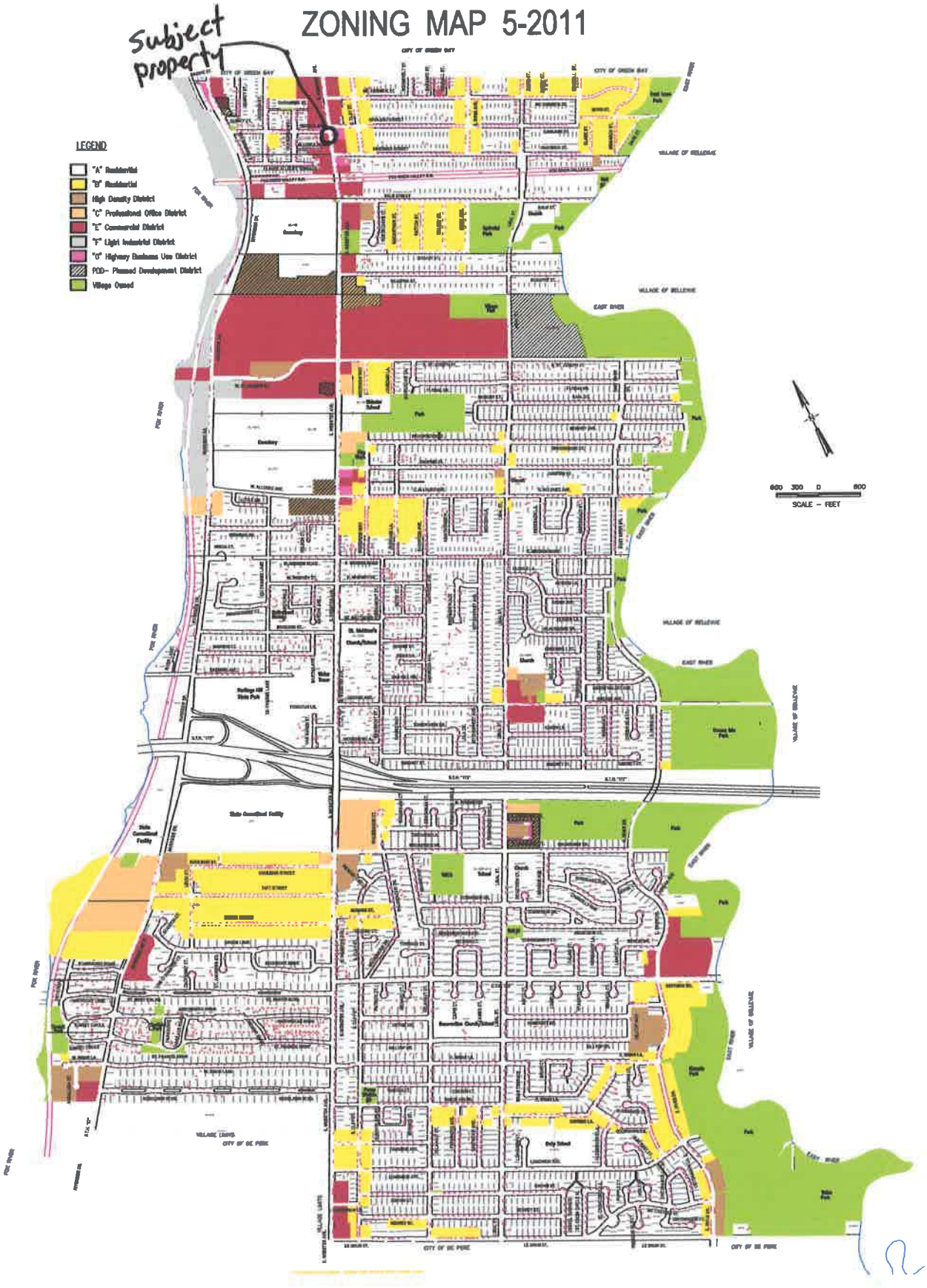
Be it remembered that on the 13th day of April A.D. 1875 personally came before me the above named Thomas Mc Lean, and acknowledged the above instrument to be his free act and deed for the uses and purposes mentioned in it.

H.T.E. Berendsen
Notary Public Brown Co., Wis.

Recorded April 13th 1875
At 10 O'Clock A.M.
B.M. Berendsen, Register

F.3. Verification of Zoning

VILLAGE OF ALLOUEZ
ZONING MAP 5-2011



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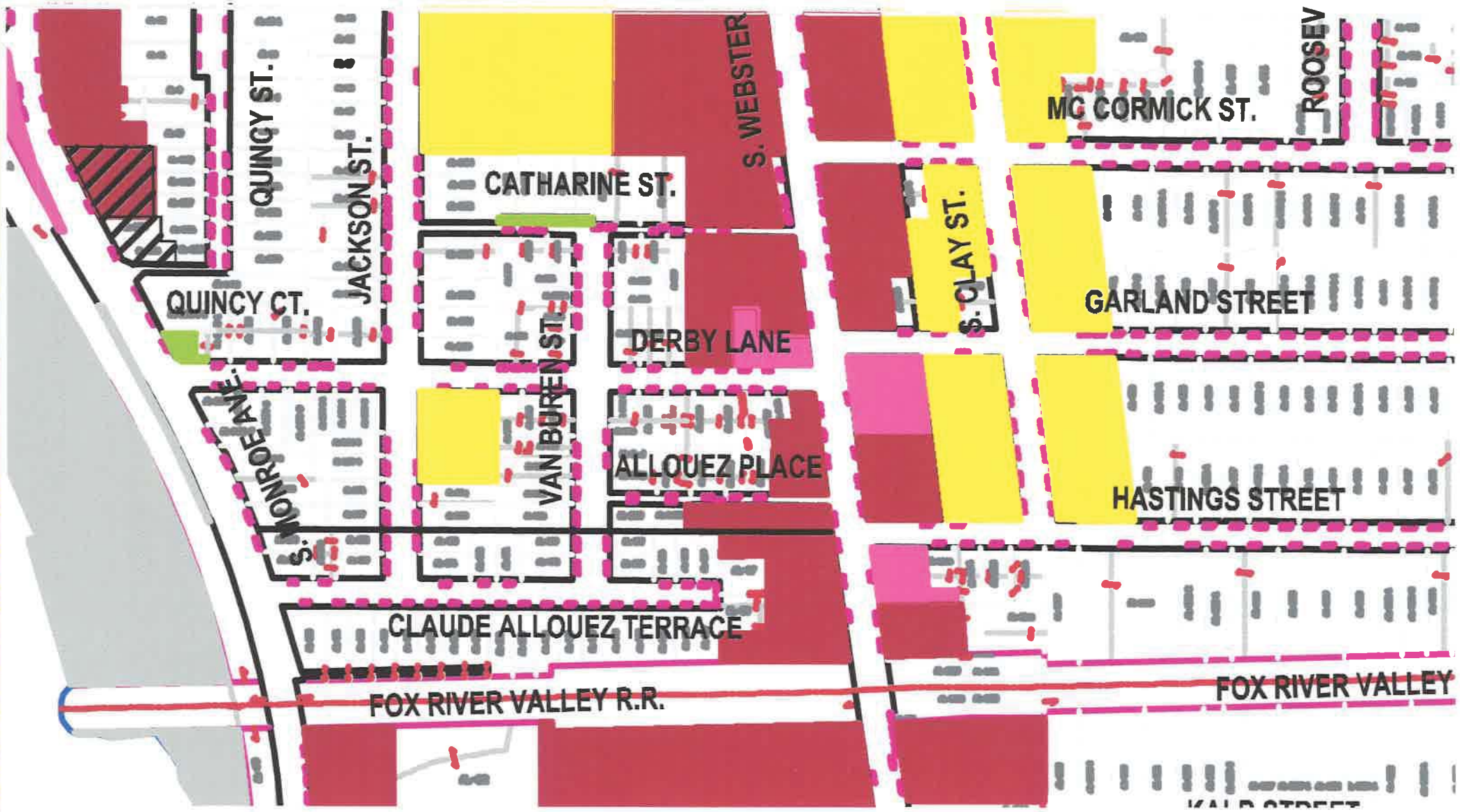


F.4. Signed Statement

WDNR BRRTS Case #: 03-05-560082

WDNR Site Name: 1404 S. Webster Ave.

Geographic Information System (GIS) Registry of Closed Remediation Sites

In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

LEE A. AMUNDSON OWNER
(print name/title)

Lee A. Amundson 1/17/19
(signature) (date)

Attachment G/Notifications to Owners of Affected Properties

G.b Notification to the S. Webster Avenue.

G.2 Certified Survey Map

G.3 Verification of Zoning

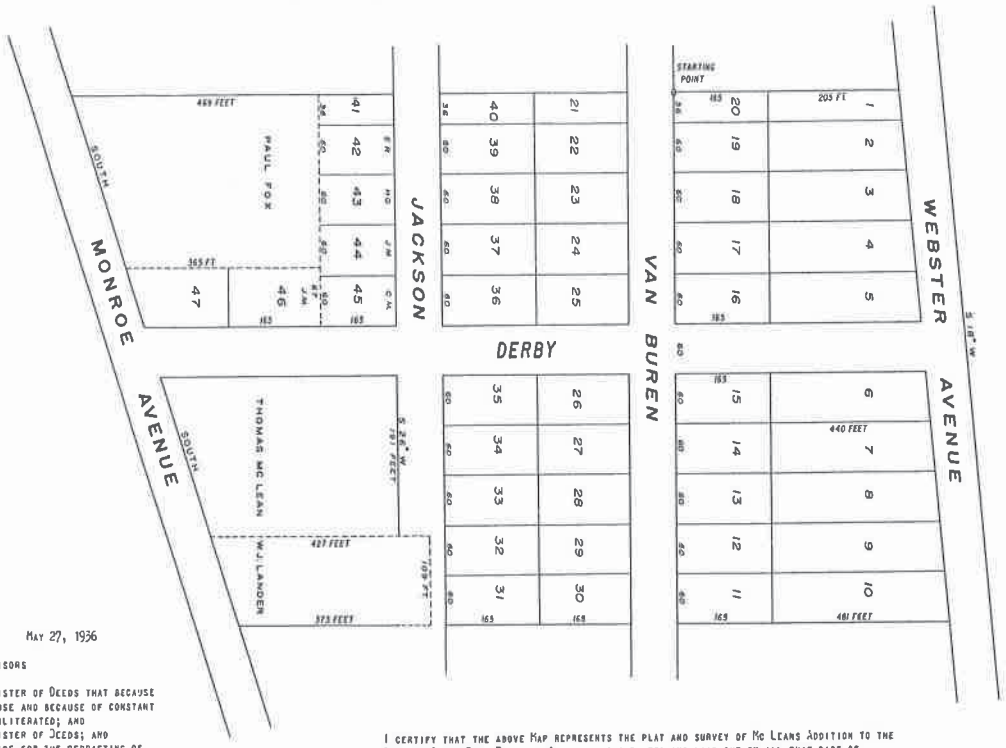
G.4 Signed Statement

G.2. Certified Survey Map

THOMAS MC LEAN'S ADDITION

TO THE CITY OF

GREEN BAY



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Gentlemen:

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WHEREAS, these plats are to be a permanent record in said office of Register of Deeds; and

WHEREAS, under Section 59.17 of the Wisconsin Statutes a provision is made for the redrafting of such worn and obliterated plats, and Section 59.07, Subdivision 6, gives the County Board the power to have the care of county property and the management of the business of county in all cases where no other provision is made.

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Respectfully submitted
True Anderson
John Greenwood
Enos E. Straub
Urban O'Connor
Claude Thompson

Committee on Register of Deeds and Clerks of Circuit and Municipal Courts.

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County Clerk, Brown County, Wisconsin

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County of Brown }

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Notary Public Brown Co., Wis.

Recorded April 13th 1875
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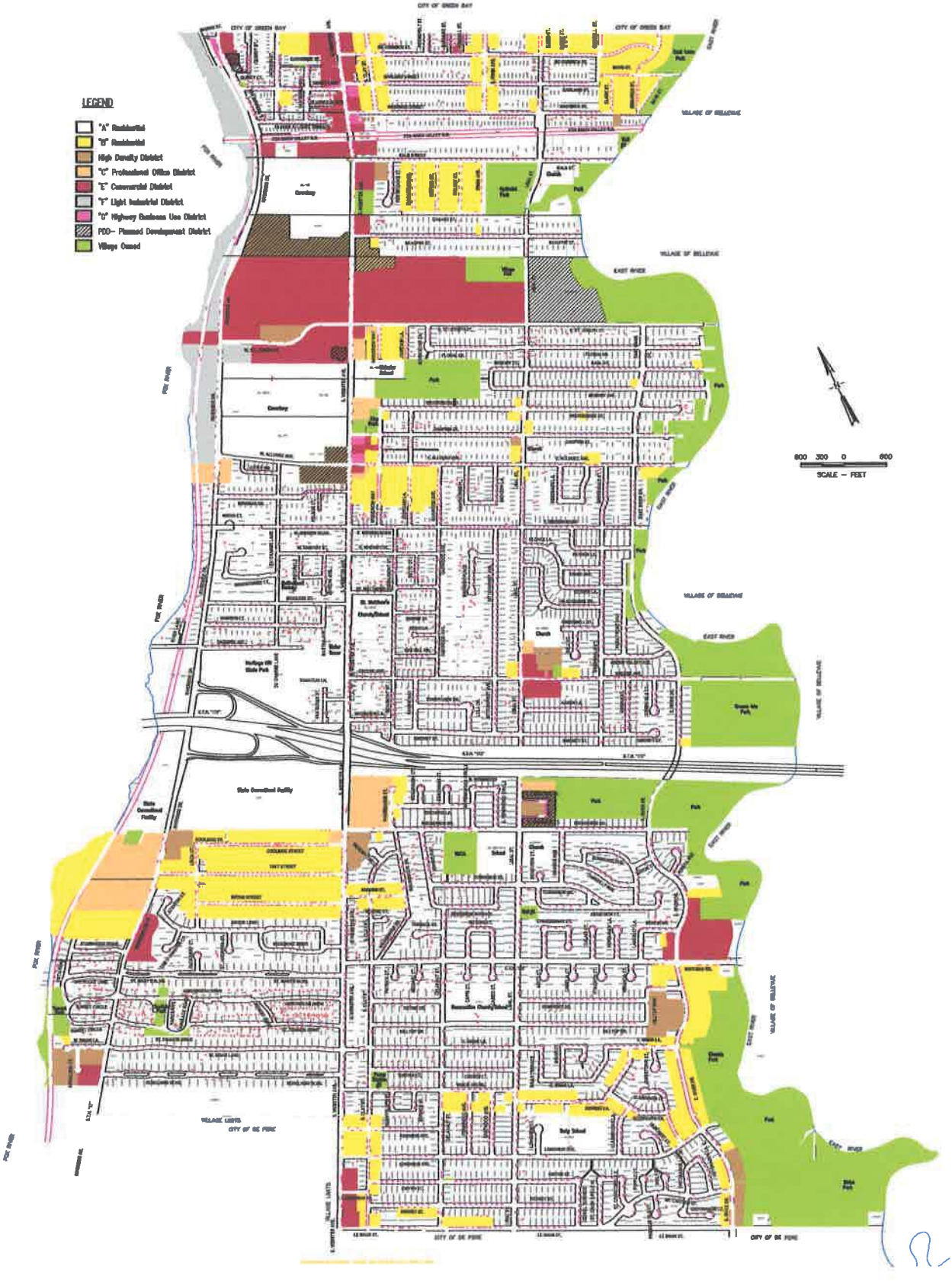
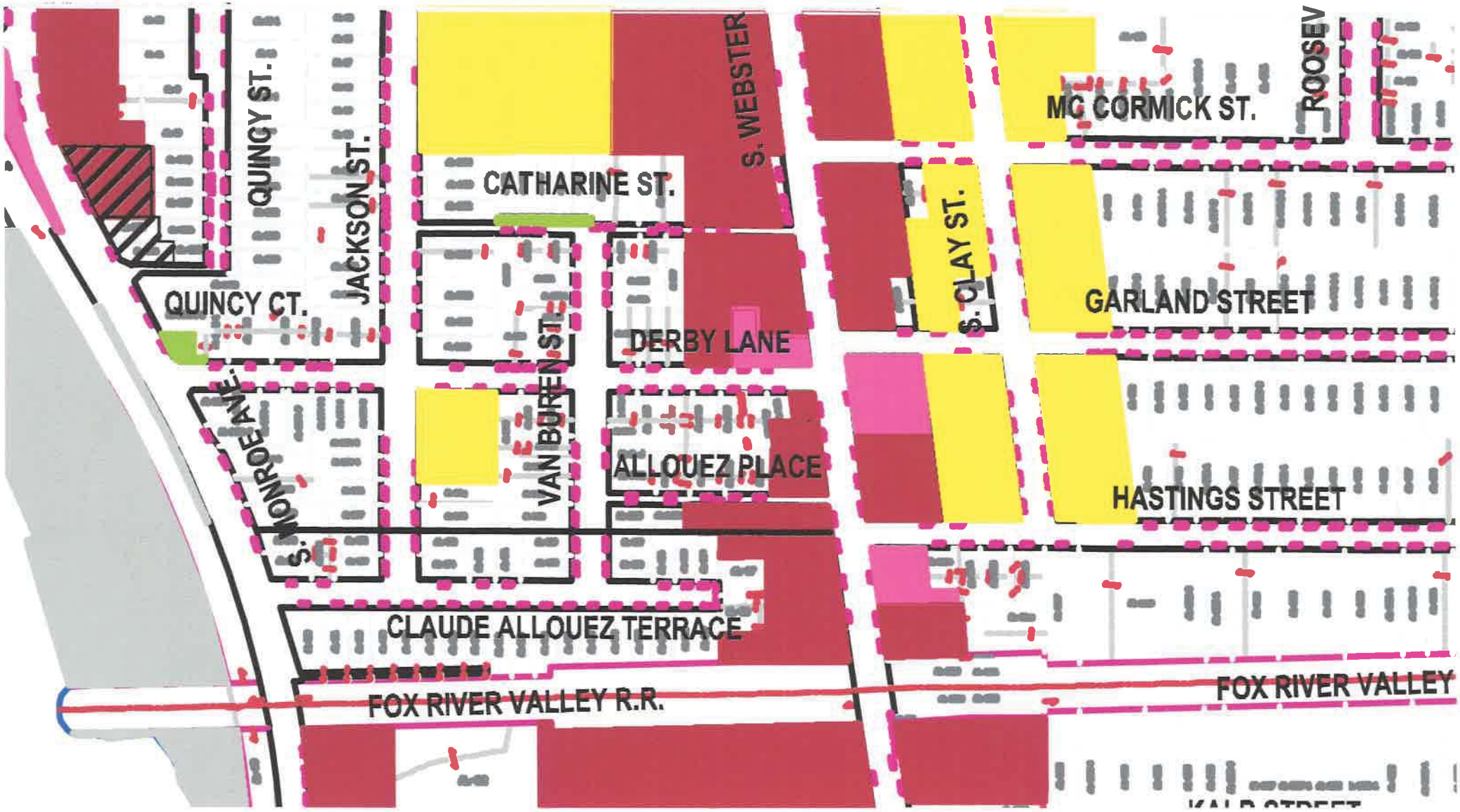
B.M. Berendsen, Register

6.3. Verification of Zoning

VILLAGE OF ALLOUEZ
ZONING MAP 5-2011



G.3. Verification of Zoning



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WDNR BRRTS Case #: 03-05-560082

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To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

LEE A. AMUNDSON OWNER
(print name/title)

Lee A. Amundson 1/17/19
(signature) (date)

RIGHT-OF-WAY

AFFECTED A PROPERTY

Notification of Continuing Obligations and Residual Contamination

Form 4400-286 (9/15) C. I. Page

The affected property is:

- ○ the source property (the source of the hazardous substance discharge), but the property is not owned by the person who conducted the cleanup (a deeded property)
- ○ a deeded property affected by contamination from the source property
- ◉ a right-of-way (ROW)
- ○ a Department of Transportation (DOT) ROW

Include this completed page as an attachment with all notifications provided under sections A and B.

Contact Information

Responsible Party: The person responsible for sending this form, and for conducting the environmental investigation and cleanup is:

Responsible Party Name Lee Amundson

Contact Person Last Name	First	MI	Phone Number (include area code)
Amundson	Lee		(920) 639-4141

Address	City	State	ZIP Code
6426 Nero Lane	Sobieski	WI	54171

E-mail lee.amundson@ki.com

Name of Party Receiving Notification:

Business Name, if applicable: Village of Allouez - Public Works Director

Title	Last Name	First	MI	Phone Number (include area code)
Mr.	Gehin	Sean		(920) 448-2800

Address	City	State	ZIP Code
1900 Libal Street	Green Bay	WI	54301

Site Name and Source Property Information:

Site (Activity) Name 1404 S. Webster Ave

Address	City	State	ZIP Code
1404 S. Webster Avenue	Allouez	WI	

DNR ID # (BRRTS#)	(DATCP) ID #
03-05-560082	

Contacts for Questions:

If you have any questions regarding the cleanup or about this notification, please contact the Responsible Party identified above, or contact:

Environmental Consultant: METCO

Contact Person Last Name	First	MI	Phone Number (include area code)
Anderson	Ron		(608) 781-8879

Address	City	State	ZIP Code
709 Gillette Street, Suite 3	La Crosse	WI	54603

E-mail rona@metcohq.com

Department Contact:

To review the Department's case file, or for questions on cleanups or closure requirements, contact:

Department of: Natural Resources (DNR)

Address	City	State	ZIP Code
625 E County Rd Y STE 700	Oshkosh	WI	54901

Contact Person Last Name	First	MI	Phone Number (include area code)
Verstegen	Tom		(920) 424-0025

E-mail (Firstname.Lastname@wisconsin.gov) Thomas.Verstegen@wisconsin.gov

RIGHT-OF-WAY

AFFECTED
A
PROPERTY

Notification of Continuing Obligations and Residual Contamination
Form 4400-286 (9/15)

Section B: ROW Notification: Residual Contamination and/or Continuing Obligations - Non-DOT ROWs

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

1900 Libal Street
Green Bay, WI, 54301

Dear Mr. Gehin:

I am providing this notification to inform you of the location and extent of contamination remaining in a right-of-way for which you are responsible, and of certain long-term responsibilities (continuing obligations) for which village of Allouez may become responsible. I investigated a release of:
Petroleum and Chlorinated coumpounds
on 1404 S. Webster Avenue, Allouez, WI, [Zip] that has shown that contamination has migrated into the right-of-way for which village of Allouez is responsible.
I have responded to the release, and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

You have 30 days to comment on the proposed closure request:

The DNR will not review my closure request for at least 30 days after the date of this letter. As an affected right-of-way holder, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the DNR that is relevant to this closure request, you should mail that information to the DNRcontact: 625 E County Rd Y STE 700, Oshkosh, WI, 54901, or at Thomas.Verstegen@wisconsin.gov.

Residual Contamination:

Groundwater Contamination:
Groundwater contamination originated at the property located at: 1404 S. Webster Avenue, Allouez, WI, [Zip] .
The levels of
Benzene, cis-1,2-Dichloroethene, Tetrachloroethene (PCE), Trichloroethene (TCE), Trimethylbenzenes, and Vinyl Chloride
contamination in the groundwater on your property are above the state groundwater enforcement standards found in ch. NR 140, Wis. Adm. Code.

Soil Contamination:
Soil contamination remains at:
The right-of-way of Derby Lane north of the possible former underground storage tank system encompassing G-8/ MW-1.
The remaining contaminants include :
Tetrachloroethene (PCE).
at levels which exceed the soil standards found in ch. NR 720, Wis. Adm. Code. The following steps have been taken to address any exposure to the remaining soil contamination.
Natural Attenuation.

If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If you or any other person plan to conduct utility or building construction for which dewatering will be necessary, you or that person must contact the DNR's Water Quality Program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at http://dnr.wi.gov/topic/wastewater/GeneralPermits.html.

Continuing Obligations on the Right-of-Way (ROW) : As part of the response actions, I am proposing that the following continuing obligations be used at the affected ROW. If my closure request is approved, you will be responsible for the following continuing obligations:

RIGHT-OF-WAY

AFFECTED
A
PROPERTY

Residual Soil Contamination:
If soil is excavated from the areas with residual contamination, the right-of-way holder at the time of excavation will be responsible for the following:

- determine if contamination is present,
- determine whether the material would be considered solid or hazardous waste,
- ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. Contaminated soil may be managed in-place, in accordance with s. NR 718, Wis. Adm. Code, with prior Department approval.

The right-of-way holder needs to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans from ingestion, inhalation or dermal contact.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

GIS Registry and Well Construction Requirements:

If this site is closed, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at http://dnr.wi.gov/topic/Brownfields/clean.html. Inclusion on this database provides public notice of remaining contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), on the "GIS Registry" layer, at the same internet address listed above.

DNR approval prior to well construction or reconstruction is required for all sites included in the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special well construction standards may be necessary to protect the well from the remaining contamination. Well drillers need to first obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300–254, is on the internet at http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

If you have any questions regarding this notification, I can be reached at: (608) 781-8879
rona@metcohq.com

Signature of responsible party/environmental consultant for the responsible party	Date Signed
Rea A. Amundson	2/4/19

Attachments
Contact Information
Legal Description for each Parcel:

RIGHT-OF-WAY

AFFECTED
A
PROPERTY

GROUNDWATER
ISOCONCENTRATION
(PVOC) (11/26/18)

1404 S WEBSTER AVENUE

METCO
709 GILLETTE ST.
LA CROSSE, WI. 54601
Tel: (608) 781-0875
Fax: (608) 781-8653

ALLOUEZ,
WISCONSIN

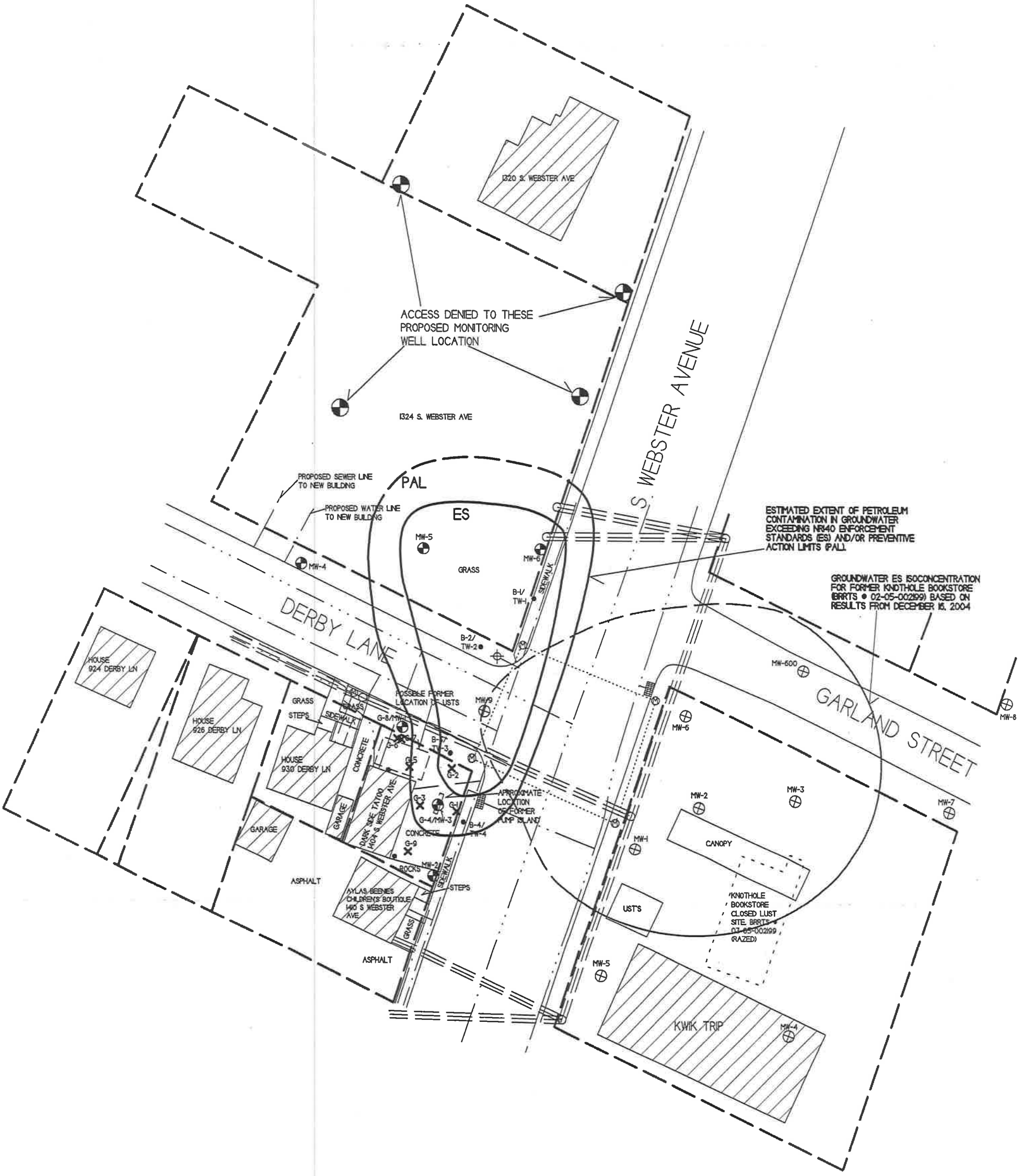
DRAWN BY: SD
DATE: 08/04/2026

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 50 FEET
0 25 50

- ⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE
- ● - SOIL BORING LOCATION - OMNI
- ◔ - MONITORING WELL LOCATION
- ✕ - GEOPROBE BORING LOCATION
- Ⓜ - MANHOLE
- ⊕ - HYDRANT
- ▦ - STORM DRAIN
- ● - POSSIBLE FORMER UST FILL PIPE

- SANITARY SEWER
- STORM SEWER
- EMPTY CONDUIT
- WATER
- NATURAL GAS
- BURIED ELECTRIC
- OVERHEAD ELECTRIC



RIGHT-OF-WAY

AFFECTED
A
PROPERTY

GROUNDWATER ISOCONCENTRATION (CHLORINATED) (11/26/18)

1404 S WEBSTER AVENUE

METCO
709 GILLETTE ST
LA CROSSE, WI 54601
Tel. (608) 781-8879
Fax. (608) 781-8892

ALLOUEZ, WISCONSIN

DRAWN BY: ED
DATE: 05/04/2018

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 50 FEET
0 25 50

- ⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE
- ● - SOIL BORING LOCATION - OMNI
- ◔ - MONITORING WELL LOCATION
- ✕ - GEOPROBE BORING LOCATION
- Ⓜ - MANHOLE
- ⊕ - HYDRANT
- ▥ - STORM DRAIN
- ● - POSSIBLE FORMER UST FILL PIPE

- SANITARY SEWER
- STORM SEWER
- EMPTY CONDUIT
- WATER
- NATURAL GAS
- BURIED ELECTRIC
- OVERHEAD ELECTRIC

1320 S. WEBSTER AVE

ACCESS DENIED TO THESE PROPOSED MONITORING WELL LOCATION

1324 S. WEBSTER AVE

PAL

PROPOSED SEWER LINE TO NEW BUILDING

PROPOSED WATER LINE TO NEW BUILDING

S. WEBSTER AVENUE

ESTIMATED EXTENT OF CHLORINATED CONTAMINATION IN GROUNDWATER EXCEEDING NR140 ENFORCEMENT STANDARDS (ES) AND/OR PREVENTIVE ACTION LIMITS (PAL).

MW-5

MW-4

ES

GRASS

MW-6

B-1/ TW-1

SIDEWALK

DERBY LANE

B-2/ TW-2

HOUSE 924 DERBY LN

HOUSE 926 DERBY LN

HOUSE 930 DERBY LN

GRASS

STEPS

SIDEWALK

CONCRETE

POSSIBLE FORMER LOCATION OF USTS

MW-9

G-6/MW-6

G-7

B-3/ TW-3

G-5

G-2

G-3

GARAGE

DARR SIDE TAYOR 1404 S. WEBSTER AVE.

G-4/MW-3

CONCRETE

B-4/ TW-4

APPROXIMATE LOCATION OF FORMER PUMP ISLAND

MW-2

ROCKS

SIDEWALK

STEPS

ASPHALT

AYLAS, BEENIES CHILDRENS BOUTIQUE 1401 S WEBSTER AVE

GRASS

ASPHALT

MW-600

MW-8

GARLAND STREET

MW-6

MW-2

MW-3

MW-7

MW-1

CANOPY

UST'S

KNOTHOLE BOOKSTORE CLOSED LUST SITE. BRRTS # 03-05-002199 (RAZED)

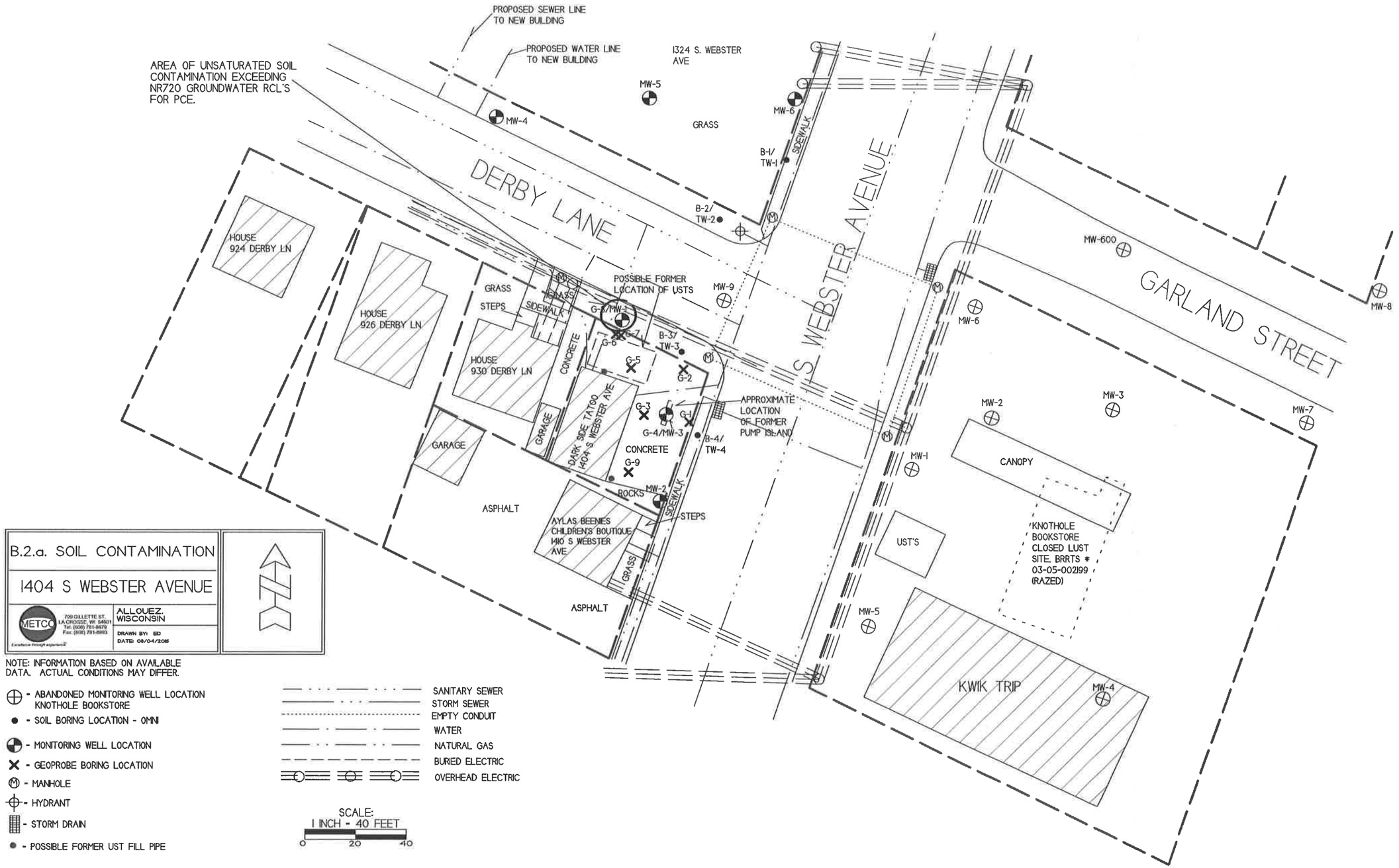
MW-5

KWIK TRIP

MW-4

AFFECTED
A
PROPERTY

RIGHT-OF-WAY



B.2.a. SOIL CONTAMINATION

1404 S WEBSTER AVENUE

METCO
709 GILLETTE ST.
LA CROSSE, WI 54601
Tel: (608) 781-8679
Fax: (608) 781-8893

ALLOUEZ, WISCONSIN

DRAWN BY: ED
DATE: 08/04/2015

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- ⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE
- ● - SOIL BORING LOCATION - OMNI
- ◔ - MONITORING WELL LOCATION
- ✕ - GEOPROBE BORING LOCATION
- Ⓜ - MANHOLE
- ⊕ - HYDRANT
- ▥ - STORM DRAIN
- ● - POSSIBLE FORMER UST FILL PIPE

- SANITARY SEWER
- STORM SEWER
- EMPTY CONDUIT
- WATER
- NATURAL GAS
- BURIED ELECTRIC
- OVERHEAD ELECTRIC

SCALE:
1 INCH = 40 FEET
0 20 40

AFFECTED
A
PROPERTY

RIGHT-OF-WAY

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Sean Gehin
1900 Libal Street
Green Bay, WI 54301

9590 9403 0958 5223 6288 69

7015 1660 0000 4342 9770

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Michelle Mahlik ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* Michelle Mahlik
C. Date of Delivery 2-12-19

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ t on Delivery Restricted Delivery
☐ d Mail
☐ d Mail Restricted Delivery
(over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

July 24, 2019

AFFECTED **A** PROPERTY

RIGHT-OF-WAY

SEAN GEHIN
VILLAGE OF ALLOUEZ
1900 LIBAL STREET
GREEN BAY WI 54301

SUBJECT: Notice of Closure Approval with Continuing Obligations for Right-of-Way Holder for the 1400 Block of S. Webster Ave
Final Case Closure for 1404 S Webster Ave – LUST, 1404 S. Webster Avenue, Allouez, WI
DNR BRRTS Activity #: 03-05-560082

Dear Mr. Gehin:

The Department of Natural Resources (DNR) recently approved the completion of environmental work done at the 1404 S Webster Ave – LUST site. This letter describes how that approval applies to the right-of-way (ROW) at the 1400 block of S. Webster Avenue. As the right-of-way holder, you are responsible for complying with these continuing obligations for any work you conduct in the right-of-way.

State law directs parties responsible for environmental contamination to take actions to restore the environment and minimize harmful effects. The law allows some contamination to remain in soil and groundwater if it does not pose a threat to public health, safety, welfare or to the environment.

On February 11, 2019, you received information from Ms. Lee Amundson, the responsible party, about the Petroleum Volatile Organic Compounds (PVOCs) contamination in the ROW from 1404 S Webster Ave – LUST, located at 1404 S. Webster Avenue, Allouez, WI, and about the continuing obligations. Continuing obligations are meant to limit exposure to any remaining contamination.

Applicable Continuing Obligations

The continuing obligations that apply to this right-of-way are described below, and are consistent with Wis. Stat. § 292.12, and Wis. Admin. § NR 700 series.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.

The DNR fact sheet "Continuing Obligations for Environmental Protection," RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained online at dnr.wi.gov and search "RR-819".

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you, as the ROW holder, must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wis. Stats. to ensure compliance with the specified requirements, limitations or other conditions related to this case.
Please send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
2984 Shawano Ave
Green Bay, WI 54313

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present as shown on the attached map, Groundwater Isoconcentration (PVOC) (11/26/18), Figure B.3.b, June 4, 2016. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

Other Closure Information

General Wastewater Permits for Construction Related Dewatering Activities

The DNR's Water Quality Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits, or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at dnr.wi.gov and search "wastewater permits". If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids and oil and grease, a general permit for Pit/Trench Dewatering may be needed.

Additional Information

Additional information about this case is available at the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov and search "BOTW". Enter 03-05-560082 in the Activity Number field in the initial screen, then click on Search. Scroll down and click on the CO Packet link for information about the completion of the environmental work. The site may also be seen on the map view, RR Sites Map. RR Sites Map can be found online at dnr.wi.gov and search "WRRD".

Please contact Tom Verstegen, the DNR project manager, at (920) 424-0025 or Thomas.Verstegen@wisconsin.gov with any questions or concerns.

Sincerely,

Roxanne N. Chronert
Team Supervisor, Northeast Region
Remediation & Redevelopment Program

Attachment:

- Groundwater Isoconcentration (PVOC) (11/26/18), Figure B.3.b, June 4, 2016

cc: Lee Amundson, 6426 Nero Road, Sobieski, WI 54171
Ron Anderson, METCO, rona@metcohq.com

AFFECTED **A** PROPERTY

RIGHT-OF-WAY

B.3.b. GROUNDWATER ISOCONCENTRATION (PVOC) (11/26/18)

1404 S WEBSTER AVENUE

METCO

ALLOUEZ, WISCONSIN

DRAWN BY: ED
DATE: 08/04/2016

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SCALE: 1 INCH = 50 FEET

0 25 50

- ⊕ - ABANDONED MONITORING WELL LOCATION KNOTHOLE BOOKSTORE
- ● - SOIL BORING LOCATION - OMNI
- ◔ - MONITORING WELL LOCATION
- ✕ - GEOPROBE BORING LOCATION
- Ⓜ - MANHOLE
- ⊕ - HYDRANT
- ▥ - STORM DRAIN
- ✱ - POSSIBLE FORMER UST FILL PIPE

- SANITARY SEWER
- STORM SEWER
- EMPTY CONDUIT
- WATER
- NATURAL GAS
- BURIED ELECTRIC
- OVERHEAD ELECTRIC

1320 S. WEBSTER AVE

ACCESS DENIED TO THESE PROPOSED MONITORING WELL LOCATION

1324 S. WEBSTER AVE

S. WEBSTER AVENUE

PROPOSED SEWER LINE TO NEW BUILDING

PROPOSED WATER LINE TO NEW BUILDING

PLEASE NOTE: EXCEEDANCES/DATA FROM THE 1324 PROPERTY IS NOT EXPECTED TO BE FROM THE 1404 SOURCE.

MW-5

MW-6

MW-4

GRASS

SIDEWALK

B-1/ TW-1

B-2/ TW-2

DERBY LANE

GROUNDWATER ES ISOCONCENTRATION FOR FORMER KNOTHOLE BOOKSTORE (BRRTS # 02-05-002199) BASED ON RESULTS FROM DECEMBER 16, 2004

MW-600

MW-8

HOUSE 924 DERBY LN

HOUSE 926 DERBY LN

HOUSE 930 DERBY LN

GRASS

STEPS

SIDEWALK

CONCRETE

POSSIBLE FORMER LOCATION OF USTS

MW-9

G-8/MW-8

G-7

G-6

G-5

B-3/ TW-3

ES

G-2

APPROXIMATE LOCATION OF FORMER PUMP ISLAND

B-4/ TW-4

PAL

G-4/MW-4

CONCRETE

G-9

ROCKS

MW-2

SIDEWALK

STEPS

GARAGE

DARK SIDE TATTOO 1404 S WEBSTER AVE

GARAGE

ASPHALT

AYLAS BEENIES CHILDRENS BOUTIQUE 1410 S WEBSTER AVE

GRASS

ASPHALT

MW-6

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING NR140 ENFORCEMENT STANDARDS (ES) AND/OR PREVENTIVE ACTION LIMITS (PAL).

MW-3

MW-2

MW-7

MW-1

CANOPY

UST'S

KNOTHOLE BOOKSTORE CLOSED LUST SITE. BRRTS 03-05-002199 (RAZED)

MW-5

KWIK TRIP

MW-4

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

July 24, 2019

KRISTA STENSKI
926 DERBY LANE
GREEN BAY WI 54301

Subject: Case Closure Documentation Submitted In Error
1404 S Webster Ave - LUST, 1404 S. Webster Avenue, Allouez, WI
DNR BRRTS Activity #: 03-05-560082

Dear Ms. Strenski:

The purpose of this letter is to notify you that case closure documentation was submitted in error. The notification you received February 13, 2019 was sent in error as part of the 1404 S Webster Ave – LUST site, DNR BRRTS Activity Number, 03-05-560082, closure request. There is no petroleum contamination in groundwater on your property at 926 Derby Lane, Village of Allouez, related to the 1404 S Webster Ave – LUST petroleum case.

Further investigation and/or cleanup is needed for the chlorinated solvent (specifically tetrachloroethene (PCE) and trichloroethene (TCE)) contamination detected in groundwater at your property that originated from the chlorinated solvent case, 1404 S Webster Ave, DNR BRRTS Activity Number 02-05-514372. These actions are still ongoing. The site is referenced by the location of the source property, where the original discharge occurred.

Additional Information

Additional information about these cases are available at the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov and search "BOTW". You can search the database using the site name or BRRTS activity number listed above.

If you have any questions regarding this letter, please contact Josie Schultz at (920) 662-5424 or at Josie.Schultz@wisconsin.gov.

Sincerely,

Roxanne N. Chronert
Team Supervisor, Northeast Region
Remediation & Redevelopment Program

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
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Green Bay WI 54313-6727

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July 24, 2019

GARY PARPOVICH
930 DERBY LANE
GREEN BAY WI 54301

Subject: Case Closure Documentation Submitted In Error
1404 S Webster Ave - LUST, 1404 S. Webster Avenue, Allouez, WI
DNR BRRTS Activity #: 03-05-560082

Dear Mr. Parpovich:

The purpose of this letter is to notify you that case closure documentation was submitted in error. The notification you received February 9, 2019 was sent in error as part of the 1404 S Webster Ave – LUST site, DNR BRRTS Activity Number, 03-05-560082, closure request. There is no petroleum contamination in groundwater on your property at 930 Derby Lane, Village of Allouez, related to the 1404 S Webster Ave – LUST petroleum case.

Further investigation and/or cleanup is needed for the chlorinated solvent (specifically tetrachloroethene (PCE) and trichloroethene (TCE)) contamination detected in groundwater at your property that originated from the chlorinated solvent case, 1404 S Webster Ave, DNR BRRTS Activity Number 02-05-514372. These actions are still ongoing. The site is referenced by the location of the source property, where the original discharge occurred.

Additional Information

Additional information about these cases are available at the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov and search "BOTW". You can search the database using the site name or BRRTS activity number listed above.

If you have any questions regarding this letter, please contact Josie Schultz at (920)662-5424 or at Josie.Schultz@wisconsin.gov.

Sincerely,

Roxanne N. Chronert
Team Supervisor, Northeast Region
Remediation & Redevelopment Program

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
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Toll Free 1-888-936-7463
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July 24, 2019

WISCONSIN MEDICAL CREDIT UNION
2221 S WEBSTER AVENUE
GREEN BAY WI 54301

Subject: Case Closure Documentation Submitted In Error
1404 S Webster Ave - LUST, 1404 S. Webster Avenue, Allouez, WI
DNR BRRTS Activity #: 03-05-560082

Dear Sir or Madam:

The purpose of this letter is to notify you that case closure documentation was submitted in error. The notification you received February 9, 2019 was sent in error as part of the Leaking Underground Storage Tank (LUST) case closure request for 1404 S Webster Ave – LUST, DNR BRRTS Activity Number, 03-05-560082. The petroleum contamination (specifically benzene, and trimethylbenzenes) in groundwater on your property at 1324 South Webster Avenue, Village of Allouez, is not related to the 1404 S Webster Ave – LUST petroleum case. The source of the petroleum contamination on your property has not been identified at this time.

Further investigation and/or cleanup is needed for the chlorinated solvent (specifically tetrachloroethene (PCE) and trichloroethene (TCE)) contamination detected in groundwater on your property at 1324 South Webster Avenue, that originated from the chlorinated solvent Environmental Repair Program (ERP) case, 1404 S Webster Ave site, DNR BRRTS Activity Number 02-05-514372. These actions are still ongoing, so continued use of the monitoring wells on your property is still needed. The site is referenced by the location of the source property, where the original discharge occurred.

Additional Information

Additional information about these cases are available at the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov and search "BOTW". You can search the database using the site name or BRRTS activity number listed above.

If you have any questions regarding this letter, please contact Josie Schultz at (920) 662-5424 or at Josie.Schultz@wisconsin.gov.

Sincerely,

Roxanne N. Chronert
Team Supervisor, Northeast Region
Remediation & Redevelopment Program

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
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Green Bay WI 54313-6727

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July 24, 2019

LYNNE A. STAHL
STAHL & HACK REAL ESTATE LLC
807 RALPH STREET
LUXEMBURG WI 54217

Subject: Case Closure Documentation Submitted In Error
1404 S Webster Ave - LUST, 1404 S. Webster Avenue, Allouez, WI
DNR BRRTS Activity #: 03-05-560082

Dear Ms. Stahl:

The purpose of this letter is to notify you that case closure documentation was submitted in error. The notification you received February 11, 2019 was sent in error as part of the 1404 S Webster Ave – LUST site, DNR BRRTS Activity Number, 03-05-560082, closure request. There is no petroleum contamination in groundwater on your property at 1410 South Webster Avenue, Village of Allouez, related to the 1404 S Webster Ave – LUST petroleum case.

Further investigation and/or cleanup is needed for the chlorinated solvent (specifically tetrachloroethene (PCE) and trichloroethene (TCE)) contamination detected in groundwater at your property that originated from the chlorinated solvent case, 1404 S Webster Ave, DNR BRRTS Activity Number 02-05-514372. These actions are still ongoing. The site is referenced by the location of the source property, where the original discharge occurred.

Additional Information

Additional information about these cases are available at the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov and search "BOTW". You can search the database using the site name or BRRTS activity number listed above.

If you have any questions regarding this letter, please contact Josie Schultz at (920) 662-5424 or at Josie.Schultz@wisconsin.gov.

Sincerely,

Roxanne N. Chronert
Team Supervisor, Northeast Region
Remediation & Redevelopment Program

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July 24, 2019

SEAN GEHIN
VILLAGE OF ALLOUEZ
1900 LIBAL STREET
GREEN BAY WI 54301

Subject: Case Closure Documentation Submitted In Error
1404 S Webster Ave - LUST, 1404 S. Webster Avenue, Allouez, WI
DNR BRRTS Activity #: 03-05-560082

Dear Mr. Gehin:

The purpose of this letter is to notify you that case closure documentation was submitted in error. The notification you received February 11, 2019 was sent in error as part of the 1404 S Webster Ave – LUST site, DNR BRRTS Activity Number, 03-05-560082, closure request. There is no petroleum contamination in groundwater in the right-of-way at the 900 block of Derby Lane, related to the 1404 S Webster Ave – LUST petroleum case.

Further investigation and/or cleanup is needed for the chlorinated solvent (specifically tetrachloroethene (PCE) and trichloroethene (TCE)) contamination detected in groundwater in the Derby Lane right-of-way that originated from the chlorinated solvent case, 1404 S Webster Ave, DNR BRRTS Activity Number 02-05-514372. These actions are still ongoing, so continued use of the monitoring wells in the Derby Lane right-of-way is still needed. The site is referenced by the location of the source property, where the original discharge occurred.

Additional Information

Additional information about these cases are available at the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov and search "BOTW". You can search the database using the site name or BRRTS activity number listed above.

If you have any questions regarding this letter, please contact Josie Schultz at (920) 662-5424 or at Josie.Schultz@wisconsin.gov.

Sincerely,

Roxanne N. Chronert
Team Supervisor, Northeast Region
Remediation & Redevelopment Program