State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
P.O. Box 7921
Madison, WI 53707-7921

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

July 24, 2020

New Hope Missionary Baptist Church
2433 W. Roosevelt Drive
Milwaukee, WI 53209

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Ellis Hand Car Wash, 2335 W. Atkinson Avenue, Milwaukee, WI
DNR BRRTS Activity #: 03-41-402801
FID #: 341070620

Dear Mr. Miller:

The Department of Natural Resources (DNR) considers the Ellis Hand Car Wash site closed, with continuing obligations. 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 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 DNR reviewed the request for closure on June 18, 2020. The DNR reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for remaining actions needed was issued by the DNR on June 24, 2020, and documentation that the conditions in that letter were met was received on June 24, 2020.

The property operated as a retail gasoline and automotive service station from 1957 to the late 1970's. After retail gasoline sales ended, the property operated as a tire shop and hand car wash. The continuing obligations are meant to address any potential exposure to the residual contamination. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

Continuing Obligations

The continuing obligations for this site are 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.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.

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 Southeast Regional DNR office, at 2300 N. Martin Luther King Jr. Drive, Milwaukee, WI. 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
2300 N. Martin Luther King Jr. Drive
P.O. Box 12436
Milwaukee, WI 53212

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 Map, Attachment B.2.b, 02/25/20. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. Affected property owners and right-of-way holders were notified of the presence of groundwater contamination. This continuing obligation also applies to the ROW holders for 2335 W. Atkinson Avenue.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains on the property as indicated on the attached map; Residual Soil Contamination Map, Attachment B.3.b, 12/15/16. If soil in the specific locations described above is excavated in the future, the property owner or right-of-way holder at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner or right-of-way holder at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval. This continuing obligation also applies to the ROW holders for 2335 W. Atkinson Avenue.

In addition, all current and future owners and occupants of the property and right-of-way holders need 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 to prevent a direct contact health threat to humans.

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.

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, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats., 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 Tim Zeichert at 608-266-5788, or at Timothy.Zeichert@wisconsin.gov.

Sincerely,

Dave Rozeboom
Team Supervisor
Remediation & Redevelopment Program

Attachments:

- Groundwater Isoconcentration Map, Attachment B.2.b, 02/25/20
- Residual Soil Contamination Map, Attachment B.3.b, 12/15/16

cc: Ron Anderson, Metco, 709 Gillette Street, Suite 3, La Crosse, WI 54603

B.3.b. GROUNDWATER ISOCONCENTRATION MAP (2/25/20)

ELLIS HAND CAR WASH

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

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

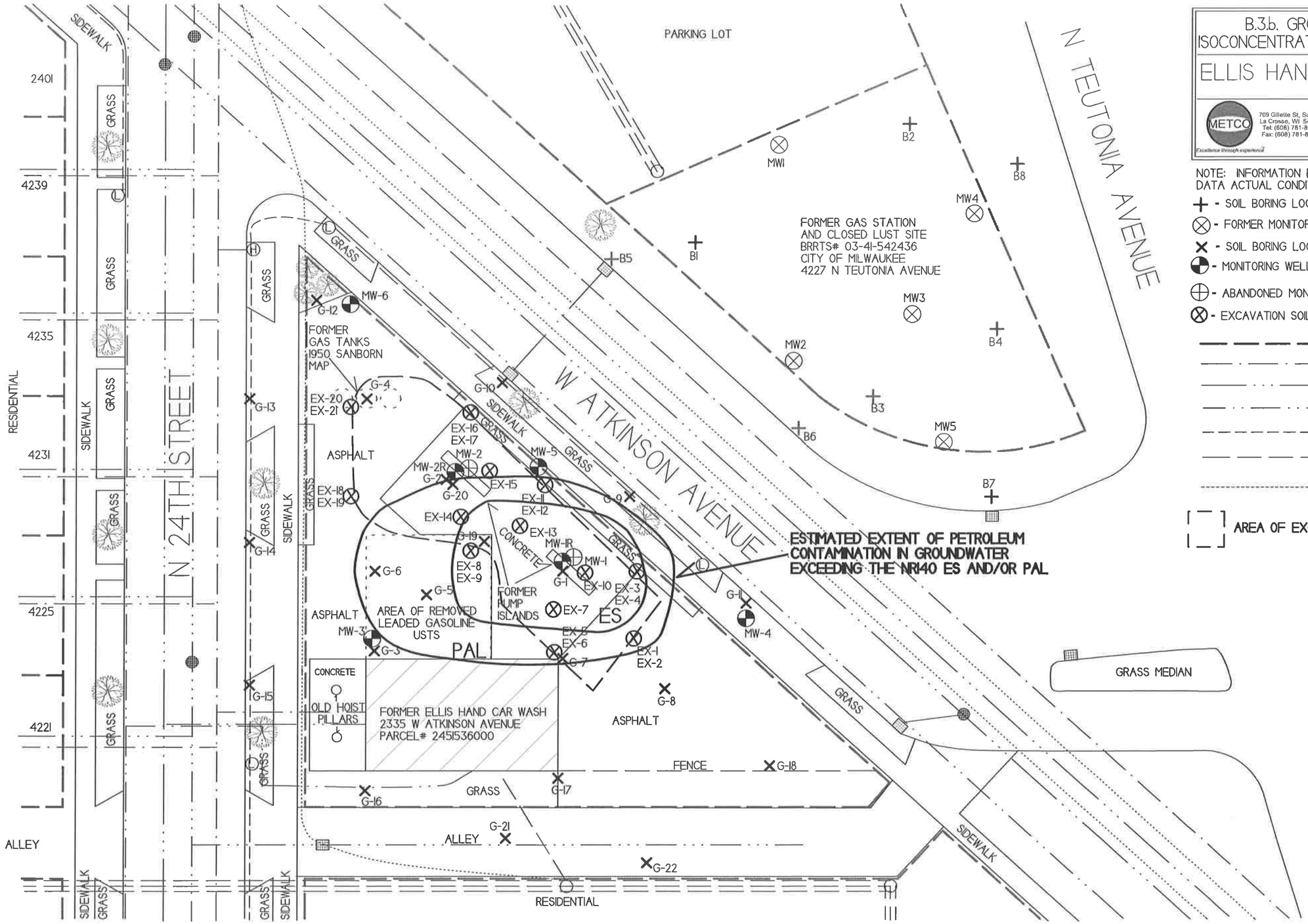
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- + - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ⊗ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- × - SOIL BORING LOCATION
- ◒ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- — — — — - PROPERTY BOUNDARY
- — · — · — - WATER LINE
- — ··· — - SEWER LINE
- — · — · — - NATURAL GAS LINE
- — — — — - BURIED ELECTRIC LINE
- — — — — - OVERHEAD UTILITIES
- ····· - TELEPHONE/CABLE LINE

AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▤ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25



B.2.b. RESIDUAL SOIL CONTAMINATION

ELLIS HAND CAR WASH

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

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ✕ - SOIL BORING LOCATION
- ◒ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- PROPERTY BOUNDARY
- WATER LINE
- SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE

AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)

- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25

PARKING LOT

FORMER GAS STATION
AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE

N TEUTONIA AVENUE

W ATKINSON AVENUE

N 24TH STREET

RESIDENTIAL

SIDEWALK

GRASS

2401

4239

4235

4231

4225

4221

FORMER GAS TANKS
1950 SANBORN MAP

GW

ASPHALT

EX-19

EX-11
EX-12

G-9

CONCRETE

G-6

EX-9

FORMER PUMP ISLANDS

EX-3
EX-4

EX-2

G-8

AREA OF REMOVED LEADED GASOLINE USTS

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES.

GRASS MEDIAN

CONCRETE

OLD HOIST PILLARS

FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
PARCEL# 2451536000

FENCE

G-17

ALLEY

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
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Madison, WI 53707-7921

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

June 24, 2020

Donald Miller
2433 W. Roosevelt Drive
Milwaukee, WI 53209

Subject: Remaining Actions Needed for Case Closure under Wis. Adm. Code chs. NR 700-754
Ellis Hand Car Wash, 2335 W. Atkinson Avenue, Milwaukee, WI
DNR BRRTS Activity # 03-41-402801

Dear Mr. Miller:

On June 18, 2020, the Department of Natural Resources (DNR) reviewed your request for closure of the case described above. The DNR reviews environmental remediation cases for compliance with applicable local, state and federal laws. The following actions are required prior to the DNR granting you case closure in compliance with Wis. Stat. ch. 292 and Wis. Adm. Code chs. NR 700-754. Upon completion of these actions, closure approval will be provided. Pursuant to Wis. Adm. Code § NR 726.09 (2) (g), you are required to provide this information to the DNR within 120 days of the date of this letter.

Remaining Actions Needed

Monitoring Well or Remedial System Piping Filling and Sealing

The monitoring wells at the site must be properly filled and sealed in accordance with Wis. Adm. Code ch. NR 141. Documentation of filling and sealing for all wells and boreholes must be submitted to Tim Zeichert on DNR Form 3300-005. To download the form, go online at dnr.wi.gov and search "form 3300-005".

Purge Water, Waste and/or Soil Pile Removal

Any remaining purge water, solid waste and/or contaminated soil piles generated as part of site investigation or remediation activities must be removed from the site and properly managed in accordance with the applicable local, state and federal laws. Once that work is complete, send documentation to the DNR regarding the methods used for appropriate treatment or disposal of the remaining purge water, solid waste and/or contaminated soil.

Documentation

When the required actions are completed, submit the appropriate documentation within 120 days of the date of this letter, to verify completion. At that point, your closure request can be approved, and your case can be closed.

If any changes to the closure request are still outstanding, submit all changes to the original closure request. Only revisions or updates need to be submitted. The submittal of both an electronic and paper copy are required in accordance with Wis. Adm. Code s. NR 726.09 (1). See *Guidance for Electronic Submittals for the Remediation and Redevelopment Program, RR- 690* for additional information. To view the document online, go to dnr.wi.gov and search "RR 690".

Listing on Database

This site will be listed on the DNR's Bureau for Remediation and Redevelopment Tracking System on the Web (BOTW) and RR Sites Map, to provide public notice of remaining contamination and continuing obligations. The continuing obligations will be specified in the final case closure approval letter sent to you. Information that was submitted with your closure request application will be included on BOTW, located online at dnr.wi.gov and search "BOTW".

In Conclusion

We appreciate your efforts to restore the environment at this site. This remedial action project is nearing completion. I look forward to working with you to complete all remaining actions that are necessary to achieve case closure.

If you have any questions regarding this letter, please contact the project manager, Tim Zeichert, at 608-266-5788 or Timothy.Zeichert@wisconsin.gov.

Sincerely,

Tim Zeichert
Hydrogeologist
Remediation & Redevelopment Program

cc: Ron Anderson, Metco, 709 Gillette Street, Suite 3, La Crosse, WI 54603

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

Case Closure

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.		
03-41-402801			
Parcel ID No.			
24-51-536000			
FID No.	**WTM Coordinates**		
	X	Y	
341070620	687520	293238	
BRRTS Activity (Site) Name	**WTM Coordinates Represent:**		
Ellis Hand Car Wash	☒ Source Area	☐ Parcel Center	
Site Address	**City**	**State**	**ZIP Code**
2335 W Atkinson Avenue	Milwaukee	WI	53209
Acres Ready For Use			
0.25			

Responsible Party (RP) Name			
Donald Miller			
Company Name			
New Hope Missionary Baptist Church			
Mailing Address	**City**	**State**	**ZIP Code**
2433 W Roosevelt Drive	Milwaukee	WI	53209
Phone Number	**Email**		
(414) 559-3447			

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

Environmental Consultant Name			
Ron Anderson			
Consulting Firm			
METCO			
Mailing Address	**City**	**State**	**ZIP Code**
709 Gillette Street, Suite 3	La Crosse	WI	54603
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 $ $1,700.00

   ☐ 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 Ellis Hand Car Wash property, located at 2335 W Atkinson Avenue, is located in the southeast corner of the intersection of W Atkinson Avenue and N 24th Street. The site is bound by W Atkinson Avenue to the northeast, N 24th Street to the west, and an alley and residential properties to the south.

B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.
The existing building was built in 1957 and operated as a gas/service station until approximately the late 1970's. After retail fuel sales ceased, the property has operated as a tire shop/hand car wash. New Hope Missionary Baptist Church has owned the property since 1978.

In approximately 1980, three 500-gallon leaded gasoline USTs were removed from the subject property.

C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
Based on the City of Milwaukee zoning map, the Ellis Hand Car Wash property is zoned "Commercial-Local Business". The properties to the southeast, east, and north are also zoned "Commercial-Local Business", The properties to the northwest, west, and south are zoned "Residential - Two Family".

D. Describe how and when site contamination was discovered.
On December 19, 2002, Envirogen, Inc. completed seven Geoprobe soil borings with seven soil samples collected for GRO or DRO analysis. Petroleum contamination was detected in five of the seven soil samples with GRO detected at 23, 733, and 2,410 ppm and DRO detected at 24 and 40 ppm. The petroleum contamination was subsequently reported to the WDNR, who then required that a site investigation be conducted.

E. Describe the type(s) and source(s) or suspected source(s) of contamination.
The source of the contamination is the former gasoline UST systems that existed in the subject property.

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.
There are no other BRRTS activities for the subject property.

H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.
There are no other BRRTS activities for any immediately adjacent (abutting) properties. However, it should be noted that a closed LUST site (City of Milwaukee, BRRTS# 03-41-542436) exists across W Atkinson Avenue, approximately 60 feet to the northeast of 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.
Geologic material in the area of investigation generally consists of gray to tan sandy clay from surface to at least 15 feet below ground surface (bgs).

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Fill material consisting of tan fine to coarse grained sand with gravel was encountered in borings G-1, G-3, G-5, and G-6 from ground surface to depths ranging from 3 to 11 feet bgs. Following the soil excavation, the excavation footprint was backfilled with clean fill material.

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 limestone/dolomite bedrock is estimated to exist at approximately 200 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 former service station building exists on the south side of the property. A concrete pad exists immediately to the west of the building with an area of grass immediately to the south of the building and concrete pad. The remainder of the property to the east and north is covered in asphalt, except for the area of soil excavation, which is currently covered in gravel.

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.

Based on the data collected during the site investigation, the depth to groundwater in this area ranges from 3.11 to 7.30 feet bgs depending on location and time of year. No piezometer wells were installed during the investigation. Free product was not encountered in any of the monitoring wells. The stratigraphic unit where the water table was encountered consists of sandy clay.

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

Based on the data collected during the site investigation, groundwater flow is generally toward the northeast to southeast. 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.

On May 7, 2018, METCO conducted slug tests on monitoring wells MW-1, MW-2, and MW-5. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc. Slug test data was evaluated using the Bouwer and Rice method. An average hydraulic gradient of 3.63E-2 was used based on the five rounds of water level elevations collected. The porosity of the geologic materials was estimated to be 30%. Hydrogeologic parameters were estimated as the following:

Monitoring Well MW-1
Hydraulic Conductivity (K) = 9.43E-06 cm/sec
Transmissivity = 2.99E-03 cm2/sec
Flow Velocity (V=Kl/n) = 0.3475 m/yr

Monitoring Well MW-2
Hydraulic Conductivity (K) = 4.57E-06 cm/sec
Transmissivity = 1.30E-03 cm2/sec
Flow Velocity (V=Kl/n) = 0.1685 m/yr

Monitoring Well MW-5
Hydraulic Conductivity (K) = 1.58E-05 cm/sec
Transmissivity = 3.97E-03 cm2/sec
Flow Velocity (V=Kl/n) = 0.5822 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of monitoring wells MW-1, -2, and -5 were assumed as the lower extent of the aquifer for calculation purposes.

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 City of Milwaukee municipal water supply, which draws it's potable water from Lake Michigan. METCO is not aware of any private water supply wells within 1,200 feet of the subject property.

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 August 1-2, 2017, Geiss Soil & Samples, LLC of Merrill, WI conducted a Geoprobe Project under the direction and supervision of METCO personnel. Twenty-two Geoprobe borings were advanced to depths ranging from 4 to 12 feet bgs. Sixty-four soil samples were collected for field analysis (PID) and geologic description. Thirty-one soil samples were submitted for laboratory analysis (VOC, PVOC, Naphthalene, and/or Lead). Fifteen groundwater samples were collected from the Geoprobe borings for laboratory analysis (PVOC and Naphthalene). (Site Investigation Report, October 23, 2018)

On March 14-15, 2018, Soils & Engineering Services, Inc. of Madison, WI conducted a Drilling Project under the direction and supervision of METCO personnel. Six soil borings were completed to 15 feet bgs with eighteen soil samples collected for field analysis (PID) and/or geologic description. Eight soil samples were submitted for laboratory analysis (PVOC and Naphthalene) and one drum composite soil sample was submitted for laboratory analysis (GRO, TCLP Benzene, and TCLP Lead). Six monitoring wells (MW-1 through MW-6) were installed in the completed soil borings. (Site Investigation Report, October 23, 2018)

On May 17, 2018, METCO personnel collected groundwater samples from the six monitoring wells (MW-1 through

MW-6) for field (Water Level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity) and laboratory analysis (VOC, Dissolved Lead, Dissolved Iron, Dissolved Manganese, Nitrate/Nitrite, and Sulfate). Fauerbach Surveying & Engineering surveyed all site monitoring wells to feet mean sea level. (Site Investigation Report, October 23, 2018)

On July 31, 2018, METCO personnel collected groundwater samples from the six monitoring wells (MW-1 through MW-6) for field (Water Level, Dissolved Oxygen, pH, ORP, Temperature, and Specific Conductivity) and laboratory analysis (PVOC, Naphthalene, and Dissolved Lead). (Site Investigation Report, October 23, 2018)

On June 11-13, 2019, DKS Construction Services, Inc. of Menomonie, Wisconsin conducted a soil excavation/disposal project at the subject property under the supervision and direction of METCO personnel. During this project, 1,292.31 tons of contaminated soil was excavated and hauled to the Waste Management - Orchard Ridge Landfill in Menomonie Falls, Wisconsin. The excavation was conducted in the area of the removed UST's and former pump islands. The excavation consisted of an irregular shaped area measuring up to 93 feet long by 30 feet wide, and 10 feet deep. Sixteen soil samples were collected from the sidewalls at 3 and 7 feet bgs and five samples were collected from the bottom at 10 feet bgs for PVOC, Naphthalene, and Lead analysis. Prior to commencing the excavation project, monitoring wells MW-1 and MW-2 were properly abandoned by METCO personnel. (Letter Report, October 22, 2019)

On August 13, 2019, Geiss Soil and Samples LLC of Merrill, Wisconsin, installed two monitoring wells (MW-1R and MW-2R) under the direction and supervision of METCO personnel. Monitoring wells MW-1R and MW-2R were blind drilled and installed to 13 feet. (Letter Report, October 22, 2019)

On September 11, 2019, METCO personnel collected groundwater samples from six monitoring wells (MW-1R, MW-2R, MW-3, MW-4, MW-5 and MW-6) for field and laboratory analysis. The monitoring wells were analyzed for PVOC, Naphthalene, with MW-1R also being sampled for Dissolved Lead. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells. During the groundwater sampling event, the new monitoring wells (MW-1R and MW-2R) were surveyed to feet mean sea level (msl) by METCO personnel. (Letter Report, October 22, 2019)

On December 4, 2019, METCO personnel collected groundwater samples from the six monitoring wells (MW-1R, MW-2R, MW-3, MW-4, MW-5 and MW-6) for field and laboratory analysis. The monitoring wells were analyzed for PVOC, Naphthalene, with MW-1R also being sampled for Dissolved Lead. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells. (Semi-Annual Groundwater Monitoring Report, March 18, 2020)

On February 25, 2020, METCO personnel collected groundwater samples from the six monitoring wells (MW-1R, MW-2R, MW-3, MW-4, MW-5 and MW-6) for field and laboratory analysis. The monitoring wells were analyzed for PVOC, Naphthalene, with MW-1R also being sampled for Dissolved Lead. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all sampled monitoring wells. (Semi-Annual Groundwater Monitoring Report, March 18, 2020)

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.

An area of unsaturated soil contamination exceeding the NR720 Groundwater RCLs for Lead exists within the right of way of W Atkinson Avenue. This area of soil contamination measures approximately 10 feet wide by 10 feet deep, and is up to 6 feet thick.

The extent of groundwater contamination exceeding the NR140 ES has migrated into the right of way of W Atkinson Avenue, measuring approximately 18 feet wide at the property boundary and extending up to 3 feet into the right of way.

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.

There were no structural impediments to the completion of the site investigation/remediation.

B. Soil

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

An area of residual soil contamination exceeding the NR720 Groundwater RCLs exists to the northeast of the former pump islands and excavation area. This area of soil contamination measures approximately 48 feet long, 4 feet wide, and is up to 7 feet thick.

There are four areas of soil contamination, which exceed the NR720 Groundwater RCLs for Lead. Each of these areas measures approximately 10 feet in diameter and are up to 6 feet thick. These exist in the following locations; the area of

the removed USTs (G-6), southeast of the former pump islands (G-8), northeast of the former pump islands in the right of way of W Atkinson Avenue (G-10), and off the southeast corner of the building (G-17).

A buried electric line and natural gas line exist in the area of soil contamination surrounding soil boring G-10. Since this area of soil contamination is for Lead only, there does not appear to be any risk of contaminant migration along the utility corridors.

ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column.
Remaining soil samples collected from within the upper four feet of the soil column which exceed the NR720 RCL's include the following:
G-6-1 (3.5 feet): 54.6 ppm Lead
G-8-1 (3.5 feet): 144.2 ppm Lead
G-10-1 (3.5 feet): 57.2 ppm Lead
G-17-1 (3.5 feet): 199 ppm Lead
EX-3 (3 feet): 55.3 ppm Lead
EX-11 (3 feet): 31.9 ppm Lead and 0.258 ppm Benzene

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 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 contaminant plume exceeding the NR140 Enforcement Standard and/or Preventative Action Limit has formed at the watertable in the area of the removed UST's and pump islands. This plume is approximately 80 feet long, 47 feet wide, and exists at approximately 6 feet bgs.

There does not appear to be any potential impacts to water supply wells. No building foundation drain systems are known to exist in this area.

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.
Based on the soil and groundwater data from soil borings G-3 and G-7 as well as the soil data from excavation soil samples EX-5 and EX-6, which did not show any significant soil or groundwater contamination, there does not appear to be any risk of vapor intrusion to the on-site building.

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 sub-slab vapor or indoor air 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 Lincoln Creek, which exists approximately 4,200 feet to the northwest of the subject property. Since it does not appear that the extent of petroleum contamination in soil and groundwater has migrated to any surface waters, no surface water or 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 during the site investigation.

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.

On June 11-13, 2019, DKS Construction Services, Inc. of Menomonie, Wisconsin conducted a soil excavation/disposal project at the subject property under the supervision and direction of METCO personnel. During this project, 1,292.31 tons of contaminated soil was excavated and hauled to the Waste Management - Orchard Ridge Landfill in Menomonie Falls, Wisconsin. The excavation was conducted in the area of the removed UST's and former pump islands. The excavation consisted of an irregular shaped area measuring up to 93 feet long by 30 feet wide, and 10 feet deep. Sixteen soil samples were collected from the sidewalls at 3 and 7 feet bgs and five samples were collected from the bottom at 10 feet bgs for PVOC, Naphthalene, and Lead analysis. (Letter Report, October 22, 2019)

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

No immediate or interim actions were conducted.

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.

On June 11-13, 2019, DKS Construction Services, Inc. of Menomonie, Wisconsin conducted a soil excavation/disposal project at the subject property under the supervision and direction of METCO personnel. During this project, 1,292.31 tons of contaminated soil was excavated and hauled to the Waste Management - Orchard Ridge Landfill in Menomonie Falls, Wisconsin. The excavation was conducted in the area of the removed UST's and former pump islands. The excavation consisted of an irregular shaped area measuring up to 93 feet long by 30 feet wide, and 10 feet deep. Sixteen soil samples were collected from the sidewalls at 3 and 7 feet bgs and five samples were collected from the bottom at 10 feet bgs for PVOC, Naphthalene, and Lead analysis. (Letter Report, October 22, 2019)

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 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.

An area of residual soil contamination exceeding the NR720 Groundwater RCLs exists to the northeast of the former pump islands and excavation area. This area of soil contamination measures approximately 48 feet long, 4 feet wide, and is up to 7 feet thick.

There area four areas of soil contamination, which exceed the NR720 Groundwater RCLs for Lead. Each of these areas measures approximately 10 feet wide by 10 feet deep, and are up to 6 feet thick. These exist in the following locations; the area of the removed USTs (G-6), southeast of the former pump islands (G-8), northeast of the former pump islands in the right of way of W Atkinson Avenue (G-10), and off the southeast corner of the building (G-17).

A dissolved phase contaminant plume exceeding the NR140 Enforcement Standard and/or Preventative Action Limit has formed at the watertable in the area of the removed UST's and pump islands. This plume is approximately 80 feet long, 47 feet wide, and exists at approximately 6 feet bgs.

The extent of groundwater contamination exceeding the NR140 ES has migrated into the right of way of W Atkinson Avenue, measuring approximately 18 feet wide at the property boundary and extending up to 3 feet into the right of way.

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 residual soil contamination within four feet of ground surface that exceeds the NR720 Direct Contact RCLs.

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.

Residual soil contamination that is above the observed low water table that attains or exceeds the NR720 Groundwater RCLs remains in the the following locations:
G-6-1 (3.5 feet): 54.6 ppm Lead
G-8-1 (3.5 feet): 144.2 ppm Lead
G-10-1 (3.5 feet): 57.2 ppm Lead
G-17-1 (3.5 feet): 199 ppm Lead
EX-3 (3 feet): 55.3 ppm Lead
EX-11 (3 feet): 31.9 ppm Lead and 0.258 ppm Benzene
EX-12 (7 feet): 0.39 ppm Benzene

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 and groundwater contamination will be addressed by 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 most highly contaminated soils were removed during the excavation project and the overall groundwater contaminant trends appear to be stable to decreasing, it appears that natural attenuation has and will continue to effectively reduce 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).

The excavation project removed all of the soil contamination exceeding the NR720 Direct Contact RCLs along with most of the unsaturated soil contamination exceeding the NR720 Groundwater RCLs. Any remaining exposure pathways will be addressed by natural attenuation.

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 during 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.

No NR140 ES or PAL exemptions are needed at this time.

Groundwater contamination exceeding the NR140 ES and/or PAL remains in the following location:

Monitoring Well MW-1R currently shows a NR140 Enforcement Standard (ES) exceedances for Benzene (207 ppb), and Preventative Action Limit (PAL) exceedances for Ethylbenzene (320 ppb) and Naphthalene (29.7 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 sub-slab vapor or indoor air 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: Includes all affected properties and rights-of-way (ROWs). 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 (database fees will apply, 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

☐ 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.

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)

ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	Reasons Notification Letter Sent: 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	W Atkinson Avenue Right of Way	None	06/08/2020	ROWH	687529	293242	X	X											
B																			
C																			
D																			

Signatures and Findings for Closure Determination

This page has been updated as of February 2019 to comply with the requirements of Wis. Admin. Code ch. NR 712.

Check the correct box for this case closure request and complete the corresponding certification statement(s) listed below to demonstrate that the requirements of Wis. Admin. Code ch. NR 712 have been met. The responsibility for signing the certification may not be delegated per Wis. Admin. Code § NR 712.09 (1). Per Wis. Admin. Code § 712.05 (1), the work must be conducted or supervised by the person certifying.

- (●) The investigation and/or response action(s) for this site evaluated and/or addressed groundwater (including natural attenuation remedies). Both a professional engineer and a hydrogeologist must sign this document per Wis. Admin. Code ch. NR 712.
- ( ) The investigation and the response action(s) for this site did not evaluate or address groundwater. A professional engineer must sign this document per Wis. Admin. Code ch. NR 712.

Engineering Certification

I, Thomas P. Pignet, 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 document has been prepared 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 document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Signature Thomas Pignet (original) E. # 33227-006

Title Engineer P.E. Stamp

WISCONSIN THOMAS P. PIGNET 33227-006 LA CROSSE WISCONSIN PROFESSIONAL ENGINEER

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, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Signature

Title Senior Hydrogeologist Date 6/8/20

Attachment A/Data Tables

A.1 Groundwater Analytical Tables

A.2 Soil Analytical Tables

A.3 Residual Soil Contamination Table

A.4 Vapor Analytical Table – No vapor samples were assessed as part of 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 – Natural Attenuation Results, Hydraulic Conductivity Calculations

A.1 Groundwater Analytical Table
(Geoprobe)
Ellis Hand Car Wash BRRTS #03-41-402801

Sample ID	Date	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
G-1-W	8/1/2017	**1340**	**2800**	<41	**640**	*520*	**3820**	**7252**
G-2-W	8/1/2017	**24.9**	3.8	<0.82	<2.17	5.0	3.75	12.71
G-3-W	8/1/2017	*3.3*	6.2	<0.82	<2.17	1.27	<2.05	3.8-4.19
G-4-W	8/1/2017	**12.9**	10.6	<0.82	<2.17	2.99	<2.05	6.55
G-5-W	8/1/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-6-W	8/1/2017	<1.7	<2	<8.2	<21.7	<6.7	<20.5	<19.5
G-7-W	8/2/2017	0.29	<0.2	<0.82	<2.17	<0.67	<2.05	0.5-2.06
G-9-W	8/2/2017	0.35	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-14-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-15-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-16-W	8/2/2017	0.19	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-17-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-18-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-21-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-22-W	8/2/2017	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
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*

(ppb) = parts per billion

A.1 Groundwater Analytical Table
Ellis Hand Car Wash BRRTS #03-41-402801

Well MW-1/1R MW-1R 662.38
PVC Elevation = 662.44 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	659.20	3.24	*6.6*	**2970**	**820**	<2.8	**110**	*330*	**1065**	**3204**
07/31/18	659.07	3.37	*8.8*	**2680**	*600*	<28.5	*95*	*162*	**469**	**870-899**
06/11/19	WELL ABANDONED DURING EXCAVATION PROJECT									
08/13/19	MW-1 REPLACED WITH MW-1R									
09/11/19	656.58	5.80	*3.0*	**138**	*189*	<0.24	*61*	25.8	*279*	295.8
12/04/19	659.57	2.81	1.3	**302**	*390*	<2.4	*84*	36	*186.1*	199.8
02/25/20	658.13	4.25	<1.1	**207**	*320*	<2.35	*29.7*	14.9	45-46.6	44.3
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*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).

Well MW-2/2R MW-2R 662.19
PVC Elevation = 662.35 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	657.99	4.36	<0.9	**7.8**	1.31	<0.28	<2.1	1.26	<1.43	1.62-1.91
07/31/18	657.71	4.64	<0.8	**29.3**	4.8	<0.57	<1.7	5.3	2.67	4.03
06/11/19	WELL ABANDONED DURING EXCAVATION PROJECT									
08/13/19	MW-2 REPLACED WITH MW-2R									
09/11/19	656.58	5.61	NS	0.45	<0.29	<0.24	<1.3	<0.29	<1.13	<1.12
12/04/19	659.44	2.75	NS	<0.32	<0.29	<0.24	<1.3	<0.29	<1.13	<1.22
02/25/20	658.07	4.12	NS	<0.33	<0.32	<0.47	<1.1	<0.26	<0.62	<1.49
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*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).

Well MW-3
PVC Elevation = 662.06 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	658.87	3.19	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
07/31/18	658.61	3.45	<0.8	*3.4*	1.42	<0.57	<1.7	0.56	<1.48	<1.58
09/11/19	657.13	4.93	NS	*2.03*	0.33	<0.24	<1.3	0.33	<1.13	0.53-1.23
12/04/19	658.86	3.20	NS	*1.19*	<0.29	<0.24	<1.3	<0.29	<1.13	<1.22
02/25/20	657.68	4.38	NS	<0.33	<0.32	<0.47	<1.1	<0.26	<0.62	<1.49
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*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).

A.1 Groundwater Analytical Table
Ellis Hand Car Wash BRRTS #03-41-402801

Well MW-4
PVC Elevation = 662.47 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	656.90	5.57	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
07/31/18	656.99	5.48	<0.8	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
09/11/19	656.00	6.47	NS	<0.32	<0.29	<0.24	<1.3	<0.29	<1.13	<1.22
12/04/19	658.04	4.43	NS	<0.32	<0.29	<0.24	<1.3	<0.29	<1.13	<1.22
02/25/20	657.01	5.46	NS	<0.33	<0.32	<0.47	<1.1	<0.26	<0.62	<1.49
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*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).

Well MW-5
PVC Elevation = 662.83 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	657.64	5.19	<0.9	0.35	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
07/31/18	657.40	5.43	<0.8	**9.9**	<0.53	<0.57	<1.7	0.47	<1.48	<1.58
09/11/19	655.82	7.01	NS	<0.32	<0.29	<0.24	<1.3	<0.29	<1.13	<1.22
12/04/19	658.72	4.11	NS	<0.32	<0.29	<0.24	<1.3	<0.29	<1.13	<1.22
02/25/20	658.02	4.81	NS	<0.33	<0.32	<0.47	<1.1	<0.26	<0.62	<1.49
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*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).

Well MW-6
PVC Elevation = 662.40 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/07/18	655.95	6.45	<0.9	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
07/31/18	657.37	5.03	<0.8	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
09/11/19	656.44	5.96	NS	<0.32	<0.29	<0.24	<1.3	<0.29	<1.13	<1.22
12/04/19	657.29	5.11	NS	<0.32	<0.29	<0.24	<1.3	<0.29	<1.13	<1.22
02/25/20	656.87	5.53	NS	<0.33	<0.32	<0.47	<1.1	<0.26	<0.62	<1.49
ENFORCEMENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*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).

A.1 Groundwater Analytical Table
Ellis Hand Car Wash BRRTS #03-41-402801

Well Sampling Conducted on:	05/07/18	05/07/18	05/07/18	05/07/18	05/07/18	05/07/18		
VOC's							**ENFORCEMENT STANDARD = ES – Bold**	*PREVENTIVE ACTION LIMIT = PAL - Italics*
Well Name	**MW-1**	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6**		
Lead, dissolved/ppb	*6.6*	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	**15**	*1.5*
Benzene/ppb	**2970**	**7.8**	< 0.22	< 0.22	0.35 "J"	< 0.22	**5**	*0.5*
Bromobenzene/ppb	< 4.4	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	==	==
Bromodichloromethane/ppb	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	**0.6**	*0.06*
Bromoform/ppb	< 4.5	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**4.4**	*0.44*
tert-Butylbenzene/ppb	< 2.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	==	==
sec-Butylbenzene/ppb	< 7.9	1.06 "J"	< 0.79	< 0.79	< 0.79	< 0.79	==	==
n-Butylbenzene/ppb	21.8 "J"	1.21 "J"	< 0.71	< 0.71	< 0.71	< 0.71	==	==
Carbon Tetrachloride/ppb	< 3.1	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	**5**	*0.5*
Chlorobenzene/ppb	< 2.6	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	==	==
Chloroethane/ppb	< 6.1	< 0.61	< 0.61	< 0.61	< 0.61	< 0.61	**400**	*80*
Chloroform/ppb	< 2.6	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	**6**	*0.6*
Chloromethane/ppb	< 5.4	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	**30**	*3*
2-Chlorotoluene/ppb	< 3.1	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	==	==
4-Chlorotoluene/ppb	< 2.6	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	==	==
1,2-Dibromo-3-chloropropane/ppb	< 29.6	< 2.96	< 2.96	< 2.96	< 2.96	< 2.96	**0.2**	*0.02*
Dibromochloromethane/ppb	< 2.2	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	**60**	*6*
1,4-Dichlorobenzene/ppb	< 7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	**75**	*15*
1,3-Dichlorobenzene/ppb	< 8.5	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	**600**	*120*
1,2-Dichlorobenzene/ppb	< 8.6	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	**600**	*60*
Dichlorodifluoromethane/ppb	< 3.2	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	**1000**	*200*
1,2-Dichloroethane/ppb	< 2.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	**5**	*0.5*
1,1-Dichloroethane/ppb	< 3.6	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	**850**	*85*
1,1-Dichloroethene/ppb	< 4.2	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	< 3.7	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 3.4	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	**100**	*20*
1,2-Dichloropropane/ppb	< 4.4	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	**5**	*0.5*
1,3-Dichloropropane/ppb	< 3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	==	==
trans-1,3-Dichloropropene/ppb	< 3.2	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	**0.4**	*0.04*
cis-1,3-Dichloropropene/ppb	< 2.6	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26		
Di-isopropyl ether/ppb	< 2.1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	==	==
EDB (1,2-Dibromoethane)/ppb	< 3.4	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	**0.05**	*0.005*
Ethylbenzene/ppb	**820**	1.31	< 0.26	< 0.26	< 0.26	< 0.26	**700**	*140*
Hexachlorobutadiene/ppb	< 13.4	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	==	==
Isopropylbenzene/ppb	22.2 "J"	7.7	< 0.78	< 0.78	< 0.78	< 0.78	==	==
p-Isopropyltoluene/ppb	2.7 "J"	1.31	< 0.24	< 0.24	< 0.24	< 0.24	==	==
Methylene chloride/ppb	< 13	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 2.8	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	**60**	*12*
Naphthalene/ppb	**110**	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	**100**	*10*
n-Propylbenzene/ppb	66	10.3	< 0.61	< 0.61	< 0.61	< 0.61	==	==
1,1,2,2-Tetrachloroethane/ppb	< 3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 3.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	**70**	*7*
Tetrachloroethene (PCE)/ppb	< 3.8	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	**5**	*0.5*
Toluene/ppb	*330*	1.26	< 0.19	< 0.19	< 0.19	< 0.19	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 11.5	< 1.15	< 1.15	< 1.15	< 1.15	< 1.15	**70**	*14*
1,2,3-Trichlorobenzene/ppb	< 17.1	< 1.71	< 1.71	< 1.71	< 1.71	< 1.71	==	==
1,1,1-Trichloroethane/ppb	< 3.3	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	**200**	*40*
1,1,2-Trichloroethane/ppb	< 4.2	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	**5**	*0.5*
Trichloroethene (TCE)/ppb	< 3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	**5**	*0.5*
Trichlorofluoromethane/ppb	< 3.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	==	==
1,2,4-Trimethylbenzene/ppb	**810**	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	**Total TMB's 480**	*Total TMB's 96*
1,3,5-Trimethylbenzene/ppb	**255**	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63		
Vinyl Chloride/ppb	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.2**	*0.02*
m&p-Xylene/ppb	**3060**	1.62	< 0.43	< 0.43	< 0.43	< 0.43	**Total Xylenes 2000**	*Total Xylenes 400*
o-Xylene/ppb	**144**	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29		

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
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.2 Soil Analytical Results Table
Ellis Hand Car Wash BRRTS #03-41-402801

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (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-1A	REFUSAL AT 1.5'														NS			
G-1B	REFUSAL AT 2'														NS			
G-1-1	3.5	U	08/01/17	40	**112**	NS	<0.025	<0.025	<0.025	0.035	<0.025	0.053	0.039	<0.075	NS	0	0.2805	6.3E-09
G-1-2	7.0	S	08/01/17	292	NS	NS	**35**	**74**	<0.5	**25.7**	**9.2**	**159**	**58**	**256.3**	NS			
G-1-3	12.0	S	08/01/17	19	NOT SAMPLED										NS			
G-2-1	NO RECOVERY														NS			
G-2-2	7.0	S	08/01/17	132	NS	NS	**0.138**	0.32	<0.025	0.305	<0.025	0.193	0.73	1.306	NS			
G-2-3	10.0	S	08/01/17	4.2	NOT SAMPLED										NS			
G-3-1	3.5	U	08/01/17	2.6	7.52	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.00E+00	0.00E+00
G-3-2	7.5	S	08/01/17	7.4	NS	NS	<0.025	<0.025	<0.025	0.055	<0.025	0.035	0.0285	<0.075	NS			
G-3-3	12.0	S	08/01/17	3.1	NOT SAMPLED										NS			
G-4-1	3.5	U	08/01/17	6.3	**97.2**	NS	**0.121**	0.063	<0.025	0.085	<0.025	0.056	0.106	0.195	NS	0	0.2453	9.9E-08
G-4-2	8.0	S	08/01/17	421	8.68	NS	**0.045**	0.64	<0.05	**2.09**	<0.032	<0.025	<0.032	0.092-0.136	SEE VOC SHEET			
G-4-3	10.0	S	08/01/17	5.9	NOT SAMPLED										NS			
G-4-4	11.0	S	08/01/17	5.8	NOT SAMPLED										NS			
G-5-1	3.5	U	08/01/17	6.7	1.86	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.00E+00	0.00E+00
G-5-2	8.0	S	08/01/17	4.7	NOT SAMPLED										NS			
G-5-3	12.0	S	08/01/17	4.9	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-6-1	3.5	U	08/01/17	4.8	**54.6**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.1365	0.00E+00
G-6-2	7.0	S	08/01/17	22	NS	NS	**0.57**	0.080	<0.025	**0.95**	<0.025	0.148	0.296	0.594	NS			
G-6-3	12.0	S	08/01/17	4.7	NOT SAMPLED										NS			
G-7-1	3.5	U	08/01/17	2.5	18.5	NS	**0.088**	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0008	5.5E-08
G-7-2	7.5	S	08/02/17	5.9	NS	NS	<0.025	<0.025	<0.025	0.149	<0.025	0.052	0.0258	<0.075	NS			
G-7-3	12.0	S	08/02/17	1.4	NOT SAMPLED										NS			
G-8-1	3.5	U	08/02/17	2.9	**144.2**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	0.044	0.0289	<0.075	NS	0	0.3605	0.00E+00
G-8-2	7.5	S	08/02/17	19	NS	NS	<0.025	<0.025	<0.025	0.32	<0.025	0.035	0.079	0.034-0.084	NS			
G-8-3	12.0	S	08/02/17	3.2	NOT SAMPLED										NS			
G-9-1	3.5	U	08/02/17	2.5	8.74	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.00E+00	0.00E+00
G-9-2	7.0	S	08/02/17	2.5	NS	NS	**0.107**	<0.025	<0.025	0.0306	<0.025	<0.025	<0.025	<0.075	NS			
G-9-3	12.0	S	08/02/17	3.1	NOT SAMPLED										NS			
G-10-1	3.5	U	08/02/17	2.7	**57.2**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.1430	0.00E+00
G-10-2	7.5	S	08/02/17	9.0	NS	NS	<0.025	0.106	<0.025	0.144	<0.025	0.080	0.194	0.200	NS			
G-10-3	12.0	S	08/02/17	4.1	NOT SAMPLED										NS			
G-11-1	3.5	U	08/02/17	3.2	NOT SAMPLED										NS			
G-11-2	8.0	S	08/02/17	3.2	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-11-3	12.0	S	08/02/17	2.4	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
NM = Not Measured
(ppm) = parts per million
ND = No Detects
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
Note: Non-Industrial RCLs apply to this site.

A.2 Soil Analytical Results Table
Ellis Hand Car Wash BRRTS #03-41-402801

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (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-12-1	3.5	U	08/02/17	3.7	25.6	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.00E+00	0.00E+00
G-12-2	8.0	S	08/02/17	4.2	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-12-3	12.0	S	08/02/17	2.6	NOT SAMPLED										NS			
G-13-1	3.5	U	08/02/17	3.1	17.0	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.00E+00	0.00E+00
G-13-2	8.0	S	08/02/17	3.1	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-13-3	11.0	S	08/02/17	2.5	NOT SAMPLED										NS			
G-14-1	3.5	U	08/02/17	4.9	21.1	NS	<0.025	<0.025	<0.025	0.111	<0.025	0.034	<0.025	0.060-0.110	NS	0	0.0008	2.0E-08
G-14-2	8.0	S	08/02/17	3.0	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G14-3	12.0	S	08/02/17	3.7	NOT SAMPLED										NS			
G-15-1	3.5	U	08/02/17	3.1	NOT SAMPLED										NS			
G-15-2	8.0	S	08/02/17	3.7	NOT SAMPLED										NS			
G-15-3	12.0	S	08/02/17	3.4	NOT SAMPLED										NS			
G-16-1	3.5	U	08/02/17	4.4	NOT SAMPLED										NS			
G-16-2	8.0	S	08/02/17	4.4	NOT SAMPLED										NS			
G-16-3	12.0	S	08/02/17	4.1	NOT SAMPLED										NS			
G-17-1	3.5	U	08/02/17	25.0	**199**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.041	<0.075	NS	0	0.4976	0.00E+00
G-17-2	7.0	S	08/02/17	47.0	NS	NS	<0.05	0.073	<0.05	**1.52**	<0.05	0.145	0.42	0.258	NS			
G-17-3	12.0	S	08/02/17	4.2	NOT SAMPLED										NS			
G-18-1	3.5	U	08/02/17	2.7	NOT SAMPLED										NS			
G-18-2	8.0	S	08/02/17	2.7	NOT SAMPLED										NS			
G-18-3	12.0	S	08/02/17	3.5	NOT SAMPLED										NS			
G-19-1	3.5	U	08/02/17	5.9	**30.9**	NS	**0.0286**	<0.025	<0.025	<0.025	<0.025	<0.025	0.0274	0.067-0.192	NS	0	0.0004	1.8E-08
G-19-2	7.0	S	08/02/17	103.0	NS	NS	**7.9**	0.45	<0.125	**0.71**	0.292	<0.125	0.89	1.55-1.675	NS			
G-19-3	12.0	S	08/02/17	7.5	NOT SAMPLED										NS			
G-20-1	3.5	U	08/02/17	10.0	7.31	NS	**0.95**	0.169	<0.025	0.073	<0.025	0.218	0.289	1.333	NS	0	0.0125	6.3E07
G-21-1	3.5	U	08/02/17	2.9	NOT SAMPLED										NS			
G-21-2	8.0	S	08/02/17	3.1	NOT SAMPLED										NS			
G-21-3	12.0	S	08/02/17	3.7	NOT SAMPLED										NS			
G-22-1	3.5	U	08/02/17	3.6	NOT SAMPLED										NS			
G-22-2	8.0	S	08/02/17	4.1	NOT SAMPLED										NS			
G-22-3	12.0	S	08/02/17	4.0	NOT SAMPLED										NS			
MW-4-1	3.5	U	03/14/18	0.5	NOT SAMPLED													
MW-4-2	NO RECOVERY																	
MW-4-3	12	S	03/14/18	1.8	NOT SAMPLED													
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***	-			

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(ppm) = parts per million
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
Ellis Hand Car Wash BRRTS #03-41-402801

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (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
MW-5-1	3.5	U	03/14/18	0.8	NOT SAMPLED													
MW-5-2	8	S	03/14/18	11.9	NS	NS	**0.179**	0.054	<0.025	0.071	0.055	0.060	0.123	0.122	NS			
MW-5-3	12	S	03/14/18	0.6	NOT SAMPLED													
MW-6-1	3.5	U	03/14/18	0.7	NOT SAMPLED													
MW-6-2	8	S	03/14/18	1.0	NOT SAMPLED													
MW-6-3	12	S	03/14/18	0.6	NOT SAMPLED													
MW-1-1	3.5	U	03/15/18	482	NS	NS	**(33)**	**(86)**	<1.25	**(36)**	**13.9**	**183**	**61**	**(304.2)***	NS	**4**	1.5797	3.8E-05
MW-1-2	8	S	03/15/18	133	NS	NS	**5.0**	0.70	<0.25	0.44	0.48	0.297	0.54	3.4-3.65	NS			
MW-1-3	12	S	03/15/18	56	NS	NS	<0.025	0.0255	<0.025	0.0293	<0.025	0.050	0.0294	0.099-0.124	NS			
MW-2-1	3.5	U	03/15/18	149	NS	NS	**1.42**	0.32	<0.025	**2.36**	0.253	0.26	0.41	1.215	NS	0	0.0304	1.4E-06
MW-2-2	8	S	03/15/18	61	NS	NS	**0.035**	0.0308	<0.025	0.038	0.051	0.044	0.038	0.0287-0.0787	NS			
MW-2-3	12	S	03/15/18	10.6	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-3-1	3.5	U	03/15/18	2.4	NOT SAMPLED													
MW-3-2	8	S	03/15/18	111	NOT SAMPLED													
MW-3-3	12	S	03/15/18	6.6	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
DRUM COMPOSITE			03/15/18	NS	NS	92	NOT SAMPLED								TCLP Benzene <0.05			
EX-1	3	U	6/112019	0	10.4	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
EX-2	7	S	6/112019	40	8.10	NS	**0.032**	<0.025	<0.025	0.079	<0.025	<0.025	<0.025	<0.075	NS			
EX-3	3	U	6/112019	0	**55.3**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.1389	2.4E-08
EX-4	7	S	6/112019	65	15.5	NS	**2.12**	0.313	<0.25	**1.76**	0.33	0.42	<0.25	0.53-0.78	NS			
EX-5	3	U	6/112019	0	10.6	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
EX-6	7	S	6/112019	80	14.3	NS	<0.025	<0.025	<0.025	0.098	<0.025	<0.025	<0.025	<0.075	NS			
EX-7	10	S	06/12/19	0	6.99	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-8	3	U	06/12/19	0	17.7	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
EX-9	7	S	06/12/19	0	8.36	NS	**0.065**	<0.025	<0.025	<0.025	<0.025	<0.025	0.057	<0.075	NS			
EX-10	10	S	06/12/19	0	6.36	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-11	3	U	06/12/19	10	**31.9**	NS	**0.258**	<0.025	<0.025	0.0296	0.034	0.056	0.0274	0.093-0.118	NS	0	0.003	1.7E-07
EX-12	7	U	06/12/19	100	6.93	NS	**0.39**	<0.025	<0.025	<0.025	0.057	0.137	0.115	0.437	NS			
EX-13	10	S	06/12/19	0	6.55	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-14	10	S	06/12/19	0	6.45	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-15	10	S	06/12/19	0	6.92	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-16	3	U	06/12/19	0	19.9	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
EX-17	7	S	06/12/19	0	6.69	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
EX-18	3	U	06/12/19	0	7.28	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
EX-19	7	S	06/12/19	180	9.06	NS	**0.91**	0.078	<0.025	0.207	0.092	0.218	0.243	0.515	NS			
EX-20	3	U	06/13/19	0	16.6	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
EX-21	7	S	06/13/19	15	7.43	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	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***	-			

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(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
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Note: Non-Industrial RCLs apply to this site.

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
Ellis Hand Car Wash BRRTS #03-41-402801

Sampling Conducted on August 1, 2017

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-4-2				
Sample Depth/ft.	8				
Solids Percent	86.2				
Lead/ppm	8.68	27	400	(800)	= =
Benzene/ppm	0.045 "J"	0.0051	1.6	(7.07)	1820*
Bromobenzene/ppm	< 0.025	= =	342	(679)	= =
Bromodichloromethane/ppm	< 0.074	0.0003	0.418	(1.83)	= =
Bromoform/ppm	< 0.029	0.0023	25.4	(113)	= =
tert-Butylbenzene/ppm	0.041 "J"	= =	183	(183)	183*
sec-Butylbenzene/ppm	0.42	= =	145	(145)	145*
n-Butylbenzene/ppm	1.04	= =	108	(108)	108*
Carbon Tetrachloride/ppm	< 0.016	0.0039	0.916	(4.03)	= =
Chlorobenzene/ppm	< 0.013	= =	370	(761)	761*
Chloroethane/ppm	< 0.091	0.2266	= =	= =	= =
Chloroform/ppm	< 0.035	0.0033	0.454	(1.98)	= =
Chloromethane/ppm	< 0.076	0.0155	159	(669)	= =
2-Chlorotoluene/ppm	< 0.015	= =	907	(907)	907*
4-Chlorotoluene/ppm	< 0.018	= =	253	(253)	253*
1,2-Dibromo-3-chloropropane/ppm	< 0.058	0.0002	0.008	(0.092)	= =
Dibromochloromethane/ppm	< 0.025	0.032	8.28	(38.9)	= =
1,4-Dichlorobenzene/ppm	< 0.037	0.144	3.74	(16.4)	= =
1,3-Dichlorobenzene/ppm	< 0.037	1.1528	297	(297)	297*
1,2-Dichlorobenzene/ppm	< 0.028	1.168	376	(376)	376*
Dichlorodifluoromethane/ppm	< 0.048	3.0863	126	(530)	= =
1,2-Dichloroethane/ppm	< 0.038	0.0028	0.652	(2.87)	540*
1,1-Dichloroethane/ppm	< 0.034	0.4834	5.06	(22.2)	= =
1,1-Dichloroethene/ppm	< 0.022	0.005	320	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 0.032	0.0412	156	(2340)	= =
trans-1,2-Dichloroethene/ppm	< 0.028	0.0626	1560	(1850)	= =
1,2-Dichloropropane/ppm	< 0.035	0.0033	3.4	(15)	= =
1,3-Dichloropropane/ppm	< 0.025	= =	1490	(1490)	1490*
trans-1,3-Dichloropropene/ppm	< 0.022	0.003	1510	(1510)	= =
cis-1,3-Dichloropropene/ppm	< 0.039		1210	(1210)	= =
Di-isopropyl ether/ppm	< 0.01	= =	2260	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 0.023	0.0000282	0.05	(0.221)	= =
Ethylbenzene/ppm	0.64	1.57	8.02	(35.4)	480*
Hexachlorobutadiene/ppm	< 0.085	= =	1.63	(7.19)	= =
Isopropylbenzene/ppm	0.94	= =	= =	= =	= =
p-Isopropyltoluene/ppm	0.6	= =	162	(162)	162*
Methylene chloride/ppm	< 0.15	0.0026	61.8	(1150)	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.05	0.027	63.8	(282)	8870*
Naphthalene/ppm	2.09	0.6582	5.52	(24.1)	= =
n-Propylbenzene/ppm	1.9	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.028	0.0002	0.81	(3.6)	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.028	0.0534	2.78	(12.3)	= =
Tetrachloroethene (PCE)/ppm	< 0.032	0.0045	33	(145)	= =
Toluene/ppm	< 0.032	1.1072	818	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 0.064	0.408	24	(113)	= =
1,2,3-Trichlorobenzene/ppm	< 0.066	= =	62.6	(934)	= =
1,1,1-Trichloroethane/ppm	< 0.03	0.1402	640	(640)	640*
1,1,2-Trichloroethane/ppm	< 0.033	0.0032	1.59	(7.01)	= =
Trichloroethene (TCE)/ppm	< 0.041	0.0036	1.3	(8.41)	= =
Trichlorofluoromethane/ppm	< 0.041	4.4775	1230	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	< 0.025	1.3787	219	(219)	219*
1,3,5-Trimethylbenzene/ppm	< 0.032		182	(182)	182*
Vinyl Chloride/ppm	< 0.019	0.0001	0.067	(2.08)	= =
m&p-Xylene/ppm	0.092 "J"	3.96	260	(260)	260*
o-Xylene/ppm	< 0.044				

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.3 Residual Soil Contamination Table
Ellis Hand Car Wash BRRTS #03-41-402801

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (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-6-1	3.5	U	08/01/17	4.8	**54.6**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.1365	0.00E+00
G-6-2	7.0	S	08/01/17	22	NS	NS	**0.57**	0.080	<0.025	**0.95**	<0.025	0.148	0.296	0.594	NS			
G-8-1	3.5	U	08/02/17	2.9	**144.2**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	0.044	0.0289	<0.075	NS	0	0.3605	0.00E+00
G-9-2	7.0	S	08/02/17	2.5	NS	NS	**0.107**	<0.025	<0.025	0.0306	<0.025	<0.025	<0.025	<0.075	NS			
G-10-1	3.5	U	08/02/17	2.7	**57.2**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.1430	0.00E+00
G-17-1	3.5	U	08/02/17	25.0	**199**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.041	<0.075	NS	0	0.4976	0.00E+00
G-17-2	7.0	S	08/02/17	47.0	NS	NS	<0.05	0.073	<0.05	**1.52**	<0.05	0.145	0.42	0.258	NS			
EX-2	7	S	6/112019	40	8.10	NS	**0.032**	<0.025	<0.025	0.079	<0.025	<0.025	<0.025	<0.075	NS			
EX-3	3	U	6/112019	0	**55.3**	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.1389	2.4E-08
EX-4	7	S	6/112019	65	15.5	NS	**2.12**	0.313	<0.25	**1.76**	0.33	0.42	<0.25	0.53-0.78	NS			
EX-9	7	S	06/12/19	0	8.36	NS	**0.065**	<0.025	<0.025	<0.025	<0.025	<0.025	0.057	<0.075	NS			
EX-11	3	U	06/12/19	10	**31.9**	NS	**0.258**	<0.025	<0.025	0.0296	0.034	0.056	0.0274	0.093-0.118	NS	0	0.003	1.7E-07
EX-12	7	U	06/12/19	100	6.93	NS	**0.39**	<0.025	<0.025	<0.025	0.057	0.137	0.115	0.437	NS			
EX-19	7	S	06/12/19	180	9.06	NS	**0.91**	0.078	<0.025	0.207	0.092	0.218	0.243	0.515	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
NM = Not Measured
(ppm) = parts per million
ND = No Detects
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.

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

A.6 Water Level Elevations
Ellis Hand Car Wash BRRTS #03-41-402801
West Allis, Wisconsin

	MW-1	MW-1R	MW-2	MW-2R	MW-3	MW-4	MW-5	MW-6
Ground Surface (feet msl)	662.87	662.80	662.83	662.55	662.43	662.76	663.12	662.78
PVC top (feet msl)	662.44	662.38	662.35	662.19	662.06	662.47	662.83	662.40
Well Depth (feet)	14.00	13.00	14.00	13.00	14.00	14.00	14.00	14.00
Top of screen (feet msl)	658.87	659.80	658.83	659.55	658.43	658.76	659.12	658.78
Bottom of screen (feet msl)	648.87	649.80	648.83	649.55	648.43	648.76	649.12	648.78
Depth to Water From Top of PVC (feet)								
05/07/18	3.24	NI	4.36	NI	3.19	5.57	5.19	6.45
07/31/18	3.37	NI	4.64	NI	3.45	5.48	5.43	5.03
09/11/19	A	5.80	A	5.61	4.93	6.47	7.01	5.96
12/04/19	A	2.81	A	2.75	3.20	4.43	4.11	5.11
02/25/20	A	4.25	A	4.12	4.38	5.46	4.81	5.53
Depth to Water From Ground Surface (feet)								
05/07/18	3.67	NI	4.84	NI	3.56	5.86	5.48	6.83
07/31/18	3.80	NI	5.12	NI	3.82	5.77	5.72	5.41
09/11/19	A	6.22	A	5.97	5.30	6.76	7.30	6.34
12/04/19	A	3.23	A	3.11	3.57	4.72	4.40	5.49
02/25/20	A	4.67	A	4.48	4.75	5.75	5.10	5.91
Groundwater Elevation (feet msl)								
05/07/18	659.20	NI	657.99	NI	658.87	656.90	657.64	655.95
07/31/18	659.07	NI	657.71	NI	658.61	656.99	657.40	657.37
09/11/19	A	656.58	A	656.58	657.13	656.00	655.82	656.44
12/04/19	A	659.57	A	659.44	658.86	658.04	658.72	657.29
02/25/20	A	658.13	A	658.07	657.68	657.01	658.02	656.87

Note: Elevations are presented in feet mean sea level (msl).
CNL = Could Not Locate
A = Abandoned and removed during soil excavation project
NI = Not Installed
NM = Not Measured

A.7 Other
Groundwater NA Indicator Results
Ellis Hand Car Wash BRRTS #03-41-402801

Well MW-1/1R

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/07/18	0.35	7.20	186.0	10.2	664	<0.36	34.0	0.04	**1800**
07/31/18	2.56	7.12	55.1	23.2	1288	NS	NS	NS	NS
06/11/19	WELL ABANDONED DURING EXCAVATION PROJECT								
08/13/19	MW-1 REPLACED WITH MW-1R								
09/11/19	0.90	7.63	5.1	18.81	2718	NS	NS	NS	NS
12/04/19	2.42	7.41	-85.2	8.48	2709	NS	NS	NS	NS
02/25/20	3.30	7.43	-70.0	4.07	2637	NS	NS	NS	NS
ENFORCEMENT 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-2/2R

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/07/18	0.60	7.29	202.0	10.6	0.80	<0.036	106	0.04	**1120**
07/31/18	2.75	7.02	59.1	20.1	1228	NS	NS	NS	NS
06/11/19	WELL ABANDONED DURING EXCAVATION PROJECT								
08/13/19	MW-2 REPLACED WITH MW-2R								
09/11/19	1.31	7.16	138.3	19.36	3798	NS	NS	NS	NS
12/04/19	2.87	7.08	93.6	7.72	4834	NS	NS	NS	NS
02/25/20	3.35	7.23	104.2	3.13	5296	NS	NS	NS	NS
ENFORCEMENT 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)
05/07/18	4.01	7.36	211.0	8.4	0.80	<0.36	52.6	<0.03	**1310**
07/31/18	2.73	7.07	58.0	22.5	1350	NS	NS	NS	NS
09/11/19	0.88	7.35	-110.1	19.66	1856	NS	NS	NS	NS
12/04/19	3.00	7.07	62.1	9.48	1860	NS	NS	NS	NS
02/25/20	2.97	7.15	88.8	6.72	1737	NS	NS	NS	NS
ENFORCEMENT 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
Ellis Hand Car Wash BRRTS #03-41-402801

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)
05/07/18	16.60	7.42	195.0	9.9	994	<0.36	132	0.15	**876**
07/31/18	2.62	6.79	57.7	20.80	2331	NS	NS	NS	NS
09/11/19	0.91	7.37	214.5	20.00	2662	NS	NS	NS	NS
12/04/19	3.01	7.01	83.1	11.97	2461	NS	NS	NS	NS
02/25/20	5.64	7.21	78.3	7.86	2412	NS	NS	NS	NS
ENFORCEMENT 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)
05/07/18	2.04	7.27	239.0	8.9	0.70	0.59	69.9	<0.03	**1590**
07/31/18	2.88	7.01	58.3	18.00	1529	NS	NS	NS	NS
09/11/19	0.93	7.21	-60.8	18.77	1521	NS	NS	NS	NS
12/04/19	2.23	6.80	73.4	11.13	2821	NS	NS	NS	NS
02/25/20	3.05	6.85	63.2	6.50	2623	NS	NS	NS	NS
ENFORCEMENT 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)
05/07/18	6.20	7.38	224.0	9.3	0.90	<0.36	124	<0.03	**1270**
07/31/18	2.70	6.70	58.1	20.23	1628	NS	NS	NS	NS
09/11/19	1.46	7.32	257.4	20.40	1736	NS	NS	NS	NS
12/04/19	4.71	7.00	69.2	12.40	1907	NS	NS	NS	NS
02/25/20	5.89	7.13	62.9	7.61	1983	NS	NS	NS	NS
ENFORCEMENT 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

Ellis Hand Car Wash BRRTS: 03-41-402801

MW-1

	ft/s	ft/year	cm/s	m/yr
K	2.99E-07	9.43E+00	9.11E-06	2.8740
	sq ft/s	**sq cm/s**		
T	3.22E-06	2.99E-03		

MW-2

	ft/s	ft/year	cm/s	m/yr
K	1.45E-07	4.57E+00	4.42E-06	1.3938
	sq ft/s	**sq cm/s**		
T	1.40E-06	1.30E-03		

MW-5

	ft/s	ft/year	cm/s	m/yr
K	5.01E-07	1.58E+01	1.53E-05	4.8157
	sq ft/s	**sq cm/s**		
T	4.27E-06	3.97E-03		

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
05/07/18	659.00	656.00	52	5.77E-02
07/31/18	659.00	657.00	47	4.26E-02
09/11/19	657.00	656.00	45	2.22E-02
12/04/19	659.50	657.50	58	3.45E-02
02/25/20	658.00	657.00	41	2.44E-02
			Average	3.63E-02

	K (m/yr)	Average Hyd Grad (I)	Porosity (n)	Flow Velocity(m/yr)
MW-1	2.8740	3.63E-02	0.3	0.3475
MW-2	1.3938	3.63E-02	0.3	0.1685
MW-5	4.8157	3.63E-02	0.3	0.5822
			Average	0.3660

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

B.3 Groundwater Figures

B.3.a.1 Geologic Cross-Section Figure – Map

B.3.a.2 Geologic Cross-Section Figure – Close Up Map

B.3.a.3 Geologic Cross-Section Figure – Cross-Section

B.3.b Groundwater Isoconcentration

B.3.c.1 Groundwater Flow Direction (2/25/20)

B.3.c.2 Groundwater Flow Direction (9/11/19)

B.3.d Monitoring Wells

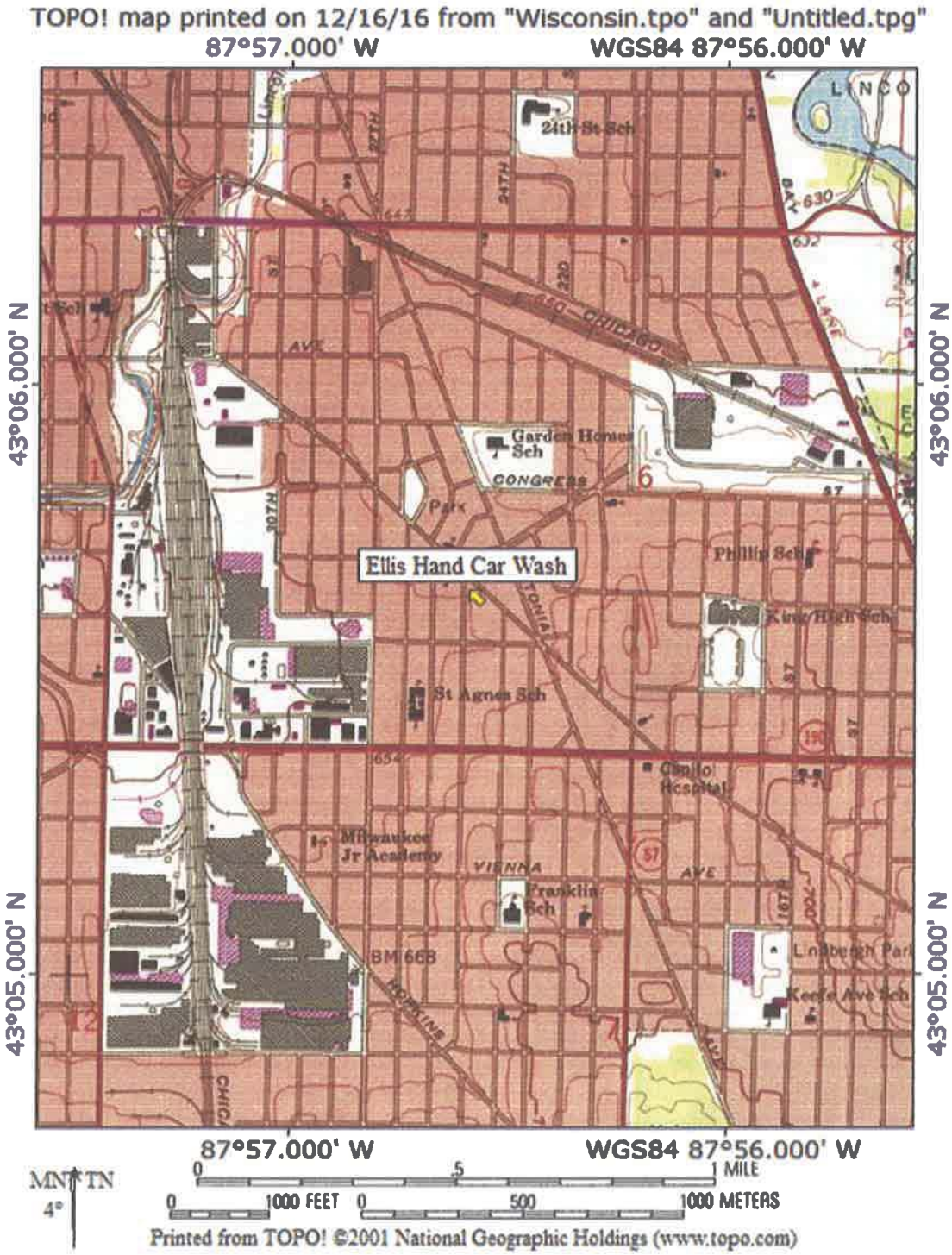
B.4 Vapor Maps and Other Media

B.4.a Vapor Intrusion Map – No vapor samples were assessed as part of 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
ELLIS HAND CAR WASH – MILWAUKEE, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

B.1.b DETAILED SITE MAP

ELLIS HAND CAR WASH

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

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- + - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ⊗ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- × - SOIL BORING LOCATION
- ◒ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- PROPERTY BOUNDARY
- WATER LINE
- SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE

AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

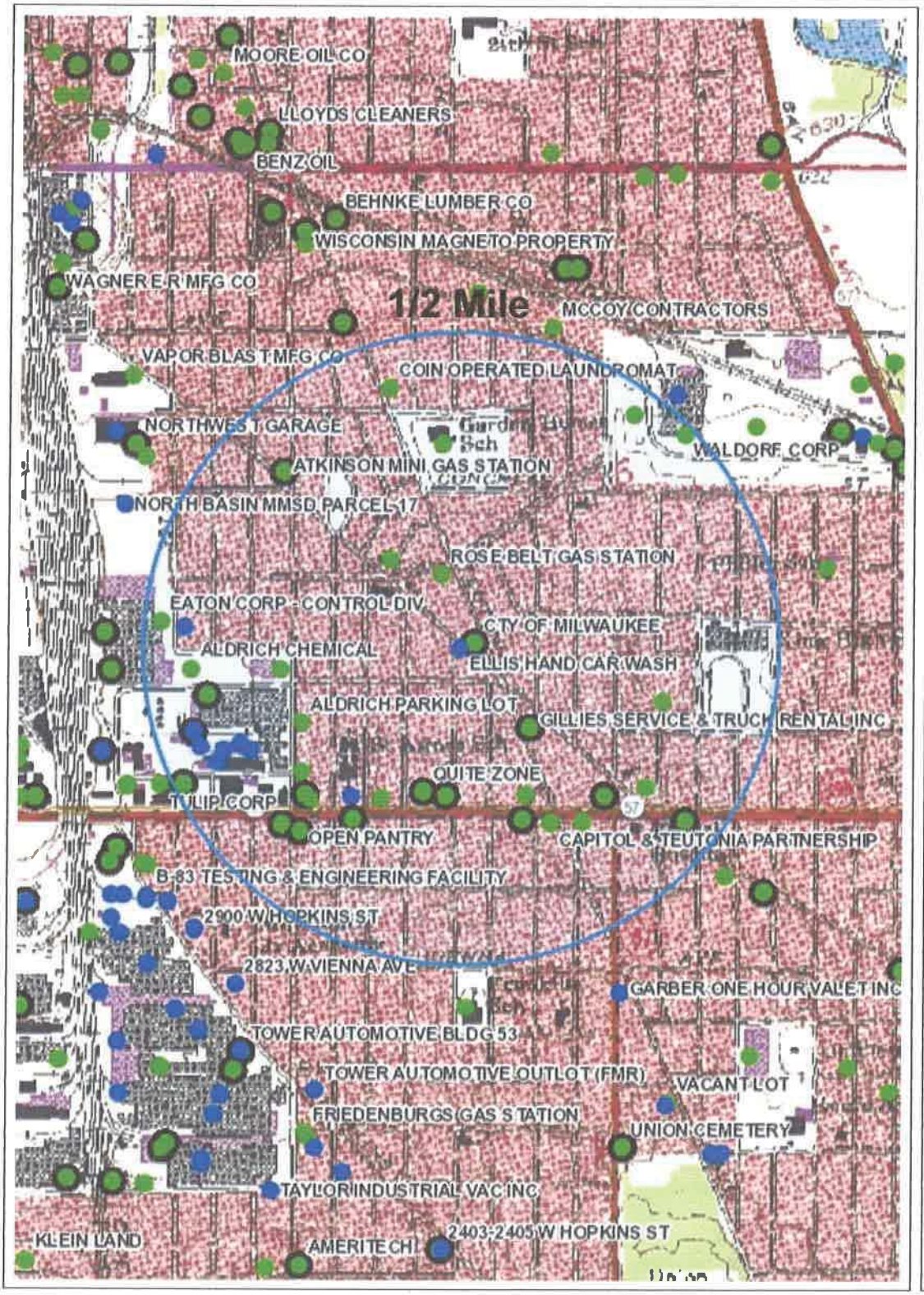
- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25

N

PARKING LOT
N TEUTONIA AVENUE
W ATKINSON AVENUE
N 24TH STREET
FORMER GAS STATION AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE
FORMER GAS TANKS 1950 SANBORN MAP
AREA OF REMOVED LEADED GASOLINE USTS
FORMER PUMP ISLANDS
OLD HOIST PILLARS
FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
PARCEL# 2451536000
GRASS MEDIAN
ASPHALT
CONCRETE
GRASS
SIDEWALK
FENCE
ALLEY
RESIDENTIAL
2401
4239
4235
4231
4225
4221
MW1
MW2
MW3
MW4
MW5
MW-1
MW-1R
MW-2
MW-2R
MW-3
MW-4
MW-5
MW-6
B1
B2
B3
B4
B5
B6
B7
B8
G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-17 G-18 G-19 G-20 G-21 G-22
EX-1 EX-2 EX-3 EX-4 EX-5 EX-6 EX-7 EX-8 EX-9 EX-10 EX-11 EX-12 EX-13 EX-14 EX-15 EX-16 EX-17 EX-18 EX-19 EX-20 EX-21

B.1.c RR Sites Map



Legend

- Open Site
- Closed Site
- Continuing Obligations Apply

0.3 0 0.3 Miles

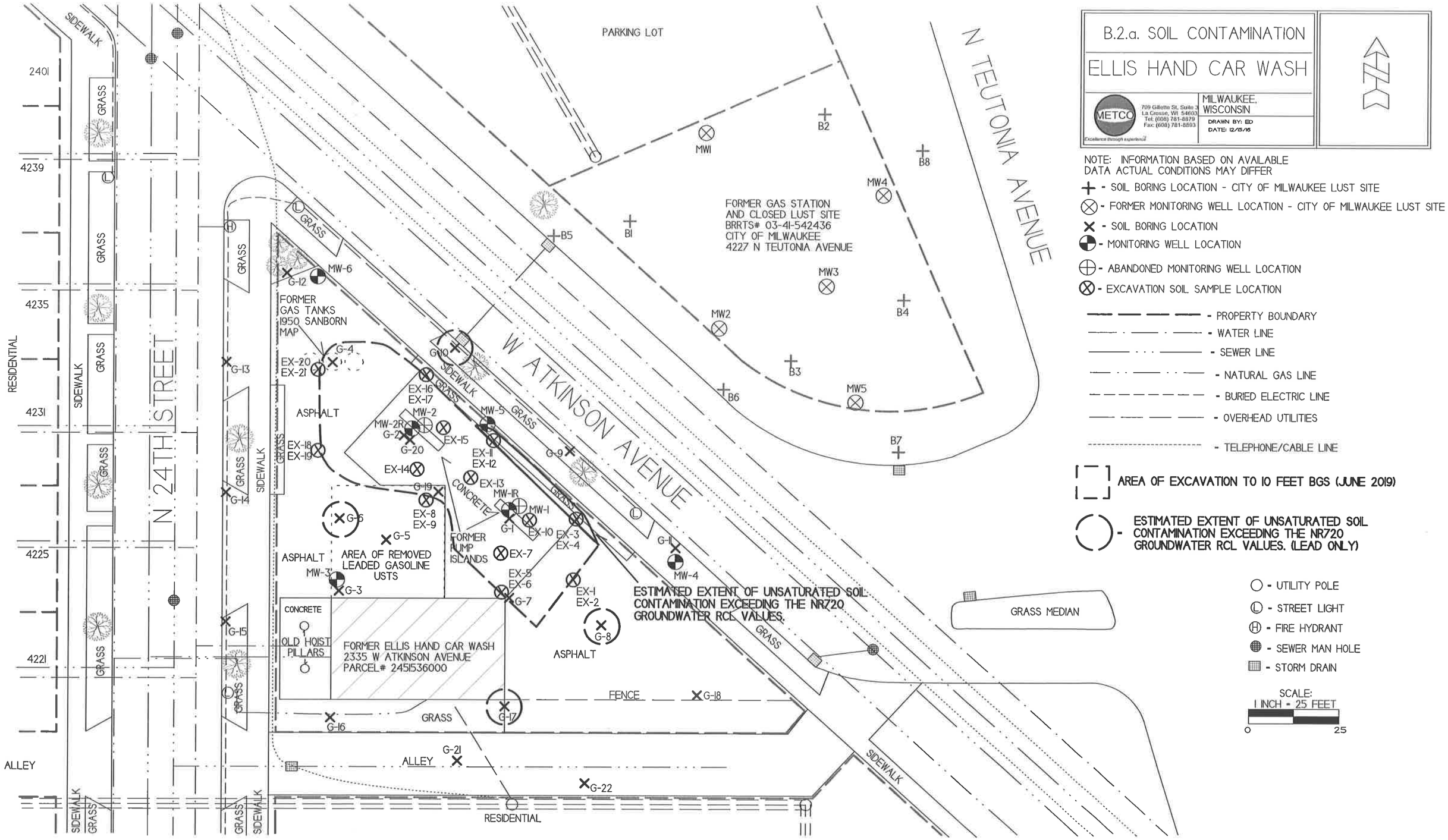
1: 15,840

NAD_1983_HARN_Wisconsin_TM

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

Note: Not all sites are mapped.

Notes


B.2.a. SOIL CONTAMINATION
ELLIS HAND CAR WASH
METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
MILWAUKEE, WISCONSIN
DRAWN BY: ED
DATE: 12/15/16
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
- SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION
- EXCAVATION SOIL SAMPLE LOCATION
- PROPERTY BOUNDARY
- WATER LINE
- SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)
ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)
- UTILITY POLE
- STREET LIGHT
- FIRE HYDRANT
- SEWER MAN HOLE
- STORM DRAIN
SCALE:
1 INCH = 25 FEET
0
25
PARKING LOT
N TEUTONIA AVENUE
W ATKINSON AVENUE
N 24TH STREET
FORMER GAS STATION AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE
FORMER GAS TANKS 1950 SANBORN MAP
AREA OF REMOVED LEADED GASOLINE USTS
FORMER PUMP ISLANDS
FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
PARCEL# 2451536000
OLD HOIST PILLARS
ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES.
GRASS MEDIAN
ASPHALT
CONCRETE
GRASS
SIDEWALK
FENCE
ALLEY
RESIDENTIAL
2401
4239
4235
4231
4225
4221
MW1
MW2
MW3
MW4
MW5
MW-1
MW-1R
MW-2
MW-2R
MW-3
MW-4
MW-5
MW-6
B1
B2
B3
B4
B5
B6
B7
B8
G-1
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
G-14
G-15
G-16
G-17
G-18
G-19
G-20
G-21
G-22
EX-1
EX-2
EX-3
EX-4
EX-5
EX-6
EX-7
EX-8
EX-9
EX-10
EX-11
EX-12
EX-13
EX-14
EX-15
EX-16
EX-17
EX-18
EX-19
EX-20
EX-21

B.2.b. RESIDUAL SOIL CONTAMINATION

ELLIS HAND CAR WASH

METCO
709 Gillette St, Suite 2
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ✕ - SOIL BORING LOCATION
- ◒ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- PROPERTY BOUNDARY
- WATER LINE
- SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE

AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)

- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25

N

PARKING LOT

N TEUTONIA AVENUE

FORMER GAS STATION
AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE

W ATKINSON AVENUE

N 24TH STREET

2401
4239
4235
4231
4225
4221

RESIDENTIAL

SIDEWALK
GRASS
ASPHALT
CONCRETE
ALLEY
FENCE

FORMER GAS TANKS 1950 SANBORN MAP

GMW

EX-19
EX-11
EX-12
EX-9
EX-3
EX-4
EX-2
G-9
G-6
G-8
G-17

AREA OF REMOVED LEADED GASOLINE USTS

FORMER PUMP ISLANDS

OLD HOIST PILLARS

FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
PARCEL# 2451536000

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES.

GRASS MEDIAN

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

ELLIS HAND CAR WASH

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

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- + - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ⊗ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- × - SOIL BORING LOCATION
- ◒ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION

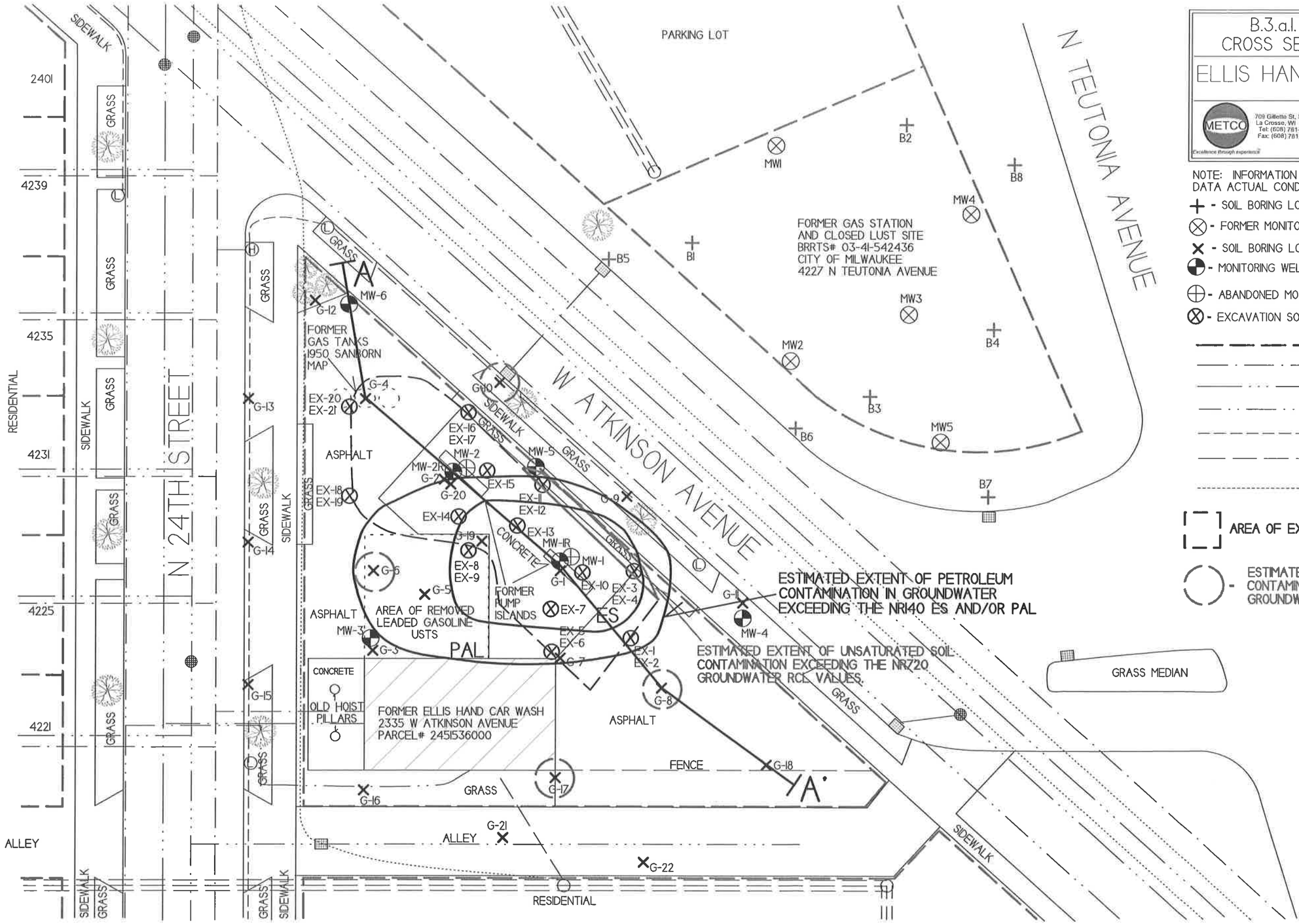
- PROPERTY BOUNDARY
- WATER LINE
- SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE

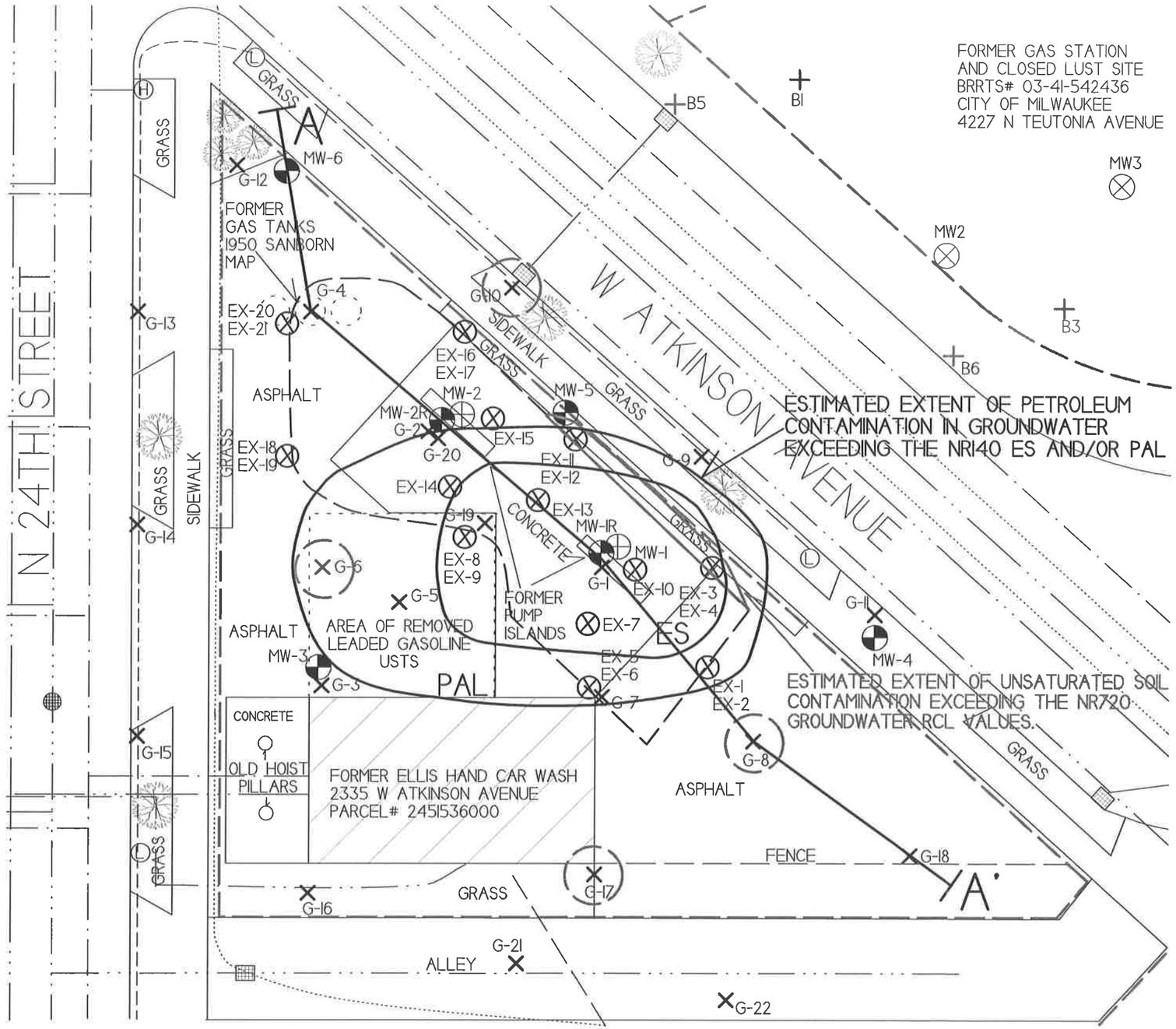
AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)

- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▤ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25





B.3.a.2. GEOLOGIC CROSS SECTION FIGURE

ELLIS HAND CAR WASH

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience℠

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- + - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ⊗ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- × - SOIL BORING LOCATION
- ◒ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- — — — — — - PROPERTY BOUNDARY
- — · — · — · — - WATER LINE
- — · · — · · — - SEWER LINE
- — · — · — · — - NATURAL GAS LINE
- — — — — — — - BURIED ELECTRIC LINE
- — — — — — — - OVERHEAD UTILITIES
- ····· - TELEPHONE/CABLE LINE

▭ AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

◯ - ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)

- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE:
1 INCH = 20 FEET
0 20

B.3.a.3 GEOLOGIC CROSS SECTION FIGURE

ELLIS HAND CAR WASH

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

MILWAUKEE, WISCONSIN

DRAWN BY: TW 9/24/18

UPDATED BY: ED 6/1/20

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB).

GROUNDWATER FLOW IS TOWARD THE NORTHEAST TO SOUTHEAST.

- ⊕ - MONITORING WELL LOCATION
- ● - GEOPROBE BORING LOCATION
- × - SOIL SAMPLING LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- ▼ - WATERTABLE

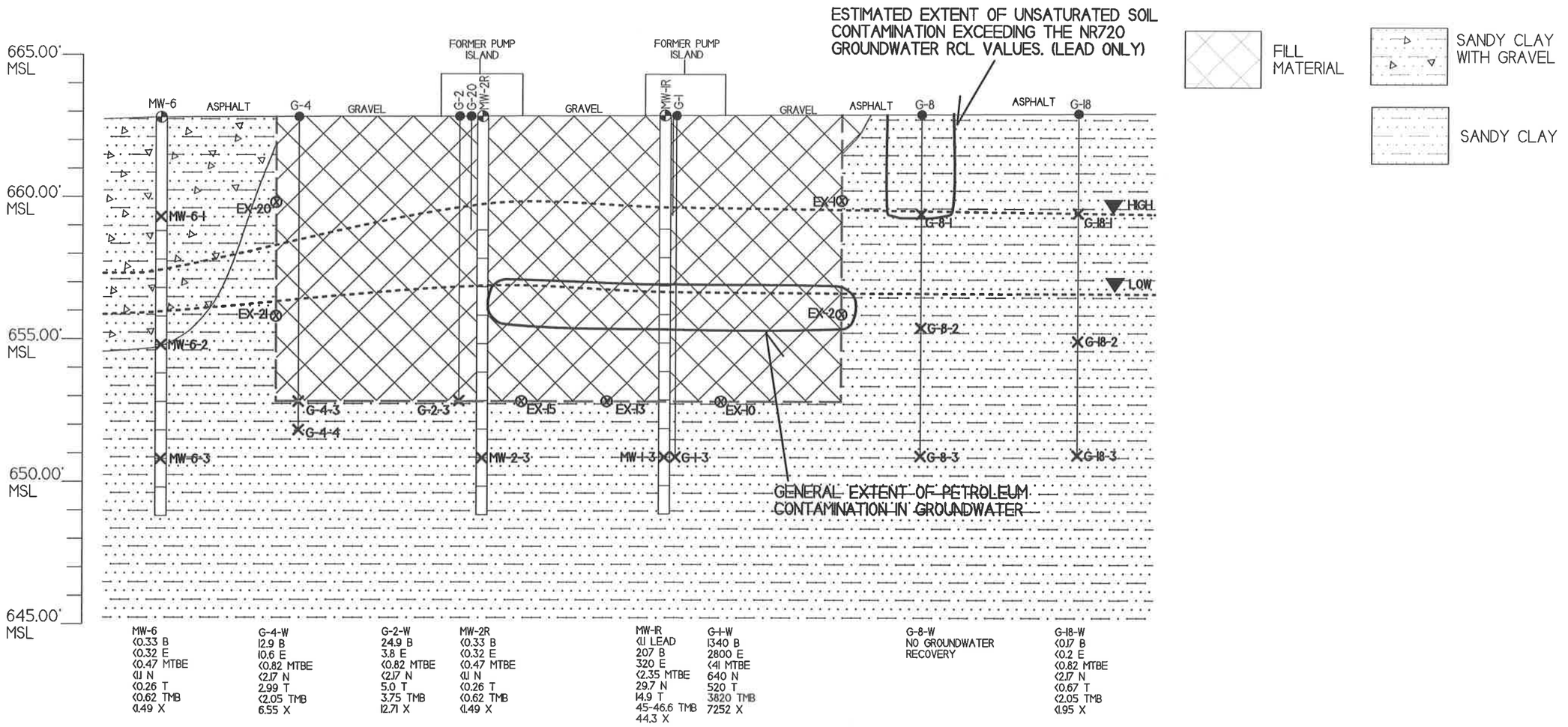
B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL-TERT-BUTYL-ETHER
N - NAPHTHALENE
T - TOLUENE
TMB - TRIMETHYLBENZENE
X - XYLENE

NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS:
- GEOPROBE PROJECT (8/1-2/2017)
- DRILLING PROJECT (3/14-15/2018)
- EXCAVATION PROJECT (6/11-13/2019)
- ROUND 5 GROUNDWATER SAMPLING (2/25/2020)

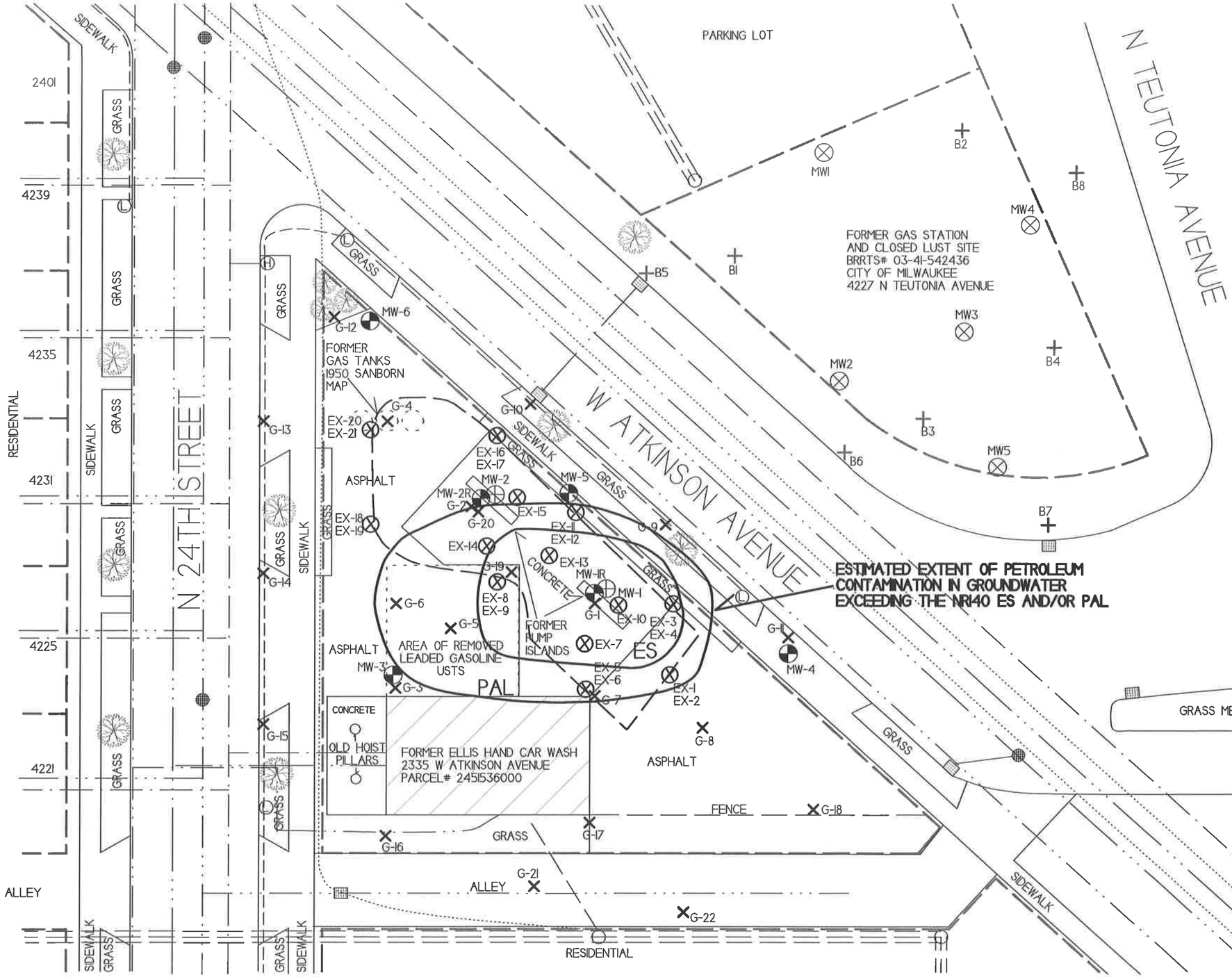
HORIZONTAL SCALE: 1 INCH = 20 FEET (0 – 20)

VERTICAL SCALE: 1 INCH = 4 FEET (4 – 0)

A NORTHWEST — A' SOUTHEAST



MW-6	G-4-W	G-2-W	MW-2R	MW-1R	G-1-W	G-8-W	G-18-W
<0.33 B	12.9 B	24.9 B	<0.33 B	<1 LEAD	1340 B	NO GROUNDWATER RECOVERY	<0.17 B
<0.32 E	10.6 E	3.8 E	<0.32 E	207 B	2800 E		<0.2 E
<0.47 MTBE	<0.82 MTBE	<0.82 MTBE	<0.47 MTBE	320 E	<41 MTBE		<0.82 MTBE
<1 N	<2.17 N	<2.17 N	<1 N	<2.35 MTBE	640 N		<2.17 N
<0.26 T	2.99 T	5.0 T	<0.26 T	29.7 N	520 T		<0.67 T
<0.62 TMB	<2.05 TMB	3.75 TMB	<0.62 TMB	14.9 T	3820 TMB		<2.05 TMB
1.49 X	6.55 X	12.71 X	1.49 X	45-46.6 TMB	7252 X		1.95 X
				44.3 X			



B.3.b. GROUNDWATER ISOCONCENTRATION MAP (2/25/20)

ELLIS HAND CAR WASH

METCO
709 Gillette St, Suite 2
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- + - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ⊗ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- × - SOIL BORING LOCATION
- ◒ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- — — — — - PROPERTY BOUNDARY
- — · — · — - WATER LINE
- — ··· — - SEWER LINE
- — · — · — - NATURAL GAS LINE
- — — — — - BURIED ELECTRIC LINE
- — — — — - OVERHEAD UTILITIES
- ····· - TELEPHONE/CABLE LINE
- [ ] AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)
- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25

B.3.c.i. GROUNDWATER FLOW DIRECTION (2/25/20)

ELLIS HAND CAR WASH

METCO
709 Gillette St, Suite 2
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

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- ⊗ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- × - SOIL BORING LOCATION
- ◒ - MONITORING WELL LOCATION
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- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- — — — — - PROPERTY BOUNDARY
- —— · —— · —— - WATER LINE
- —— ··· —— - SEWER LINE
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AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25

N

PARKING LOT
N TEUTONIA AVENUE
W ATKINSON AVENUE
N 24TH STREET
SIDEWALK
GRASS
ASPHALT
CONCRETE
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RESIDENTIAL
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2401
4239
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4225
4221
B1
B2
B3
B4
B5
B6
B7
B8
MW1
MW2
MW3
MW4
MW5
MW-1
MW-1R
MW-2
MW-2R
MW-3
MW-3R
MW-4
MW-5
MW-6
656.87' MSL
657.00' MSL
658.07' MSL
658.02' MSL
658.00' MSL
657.50' MSL
658.13' MSL
657.01' MSL
657.68' MSL
657.50' MSL
FORMER GAS STATION AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE
FORMER GAS TANKS 1950 SANBORN MAP
AREA OF REMOVED LEADED GASOLINE USTS
FORMER PUMP ISLANDS
OLD HOIST PILLARS
FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
PARCEL# 2451536000

B.3.c.2. GROUNDWATER FLOW DIRECTION (9/11/19)

ELLIS HAND CAR WASH

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

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- + - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ⊗ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- × - SOIL BORING LOCATION
- ◓ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- — — — — - PROPERTY BOUNDARY
- — · — · — - WATER LINE
- — ·· — ·· — - SEWER LINE
- — · — · — · — - NATURAL GAS LINE
- — — — — — - BURIED ELECTRIC LINE
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- ---------- - TELEPHONE/CABLE LINE

AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

- ○ - UTILITY POLE
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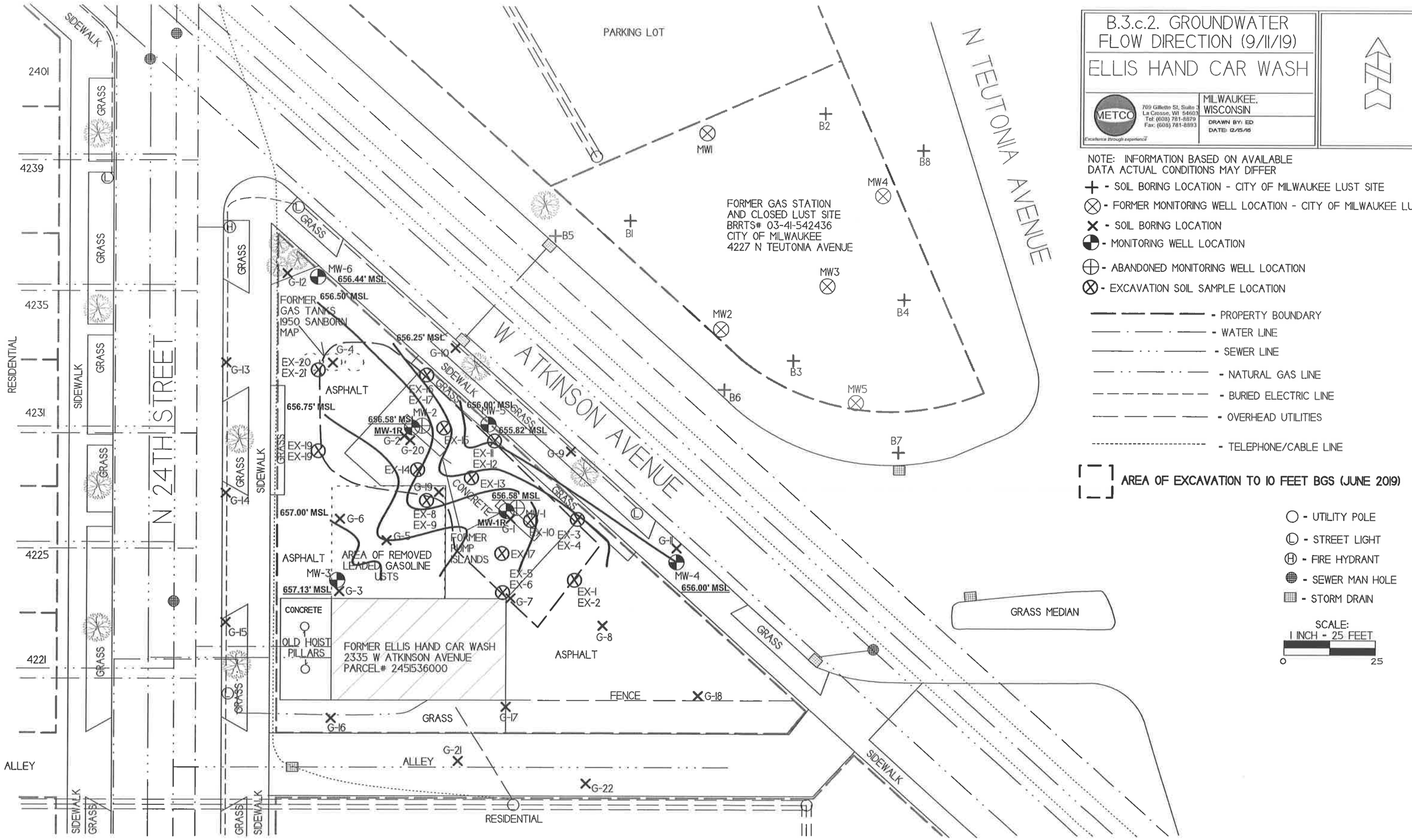
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▤ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25



B.3.d. MONITORING WELLS

ELLIS HAND CAR WASH

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8979
Fax: (608) 781-8893
Excellence through experience

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ⊕ - MONITORING WELL LOCATION - PROPOSED TO BE ABANDONED
- ⊕ - ABANDONED MONITORING WELL LOCATION
- - PROPERTY BOUNDARY
- - WATER LINE
- - SEWER LINE
- - NATURAL GAS LINE
- - BURIED ELECTRIC LINE
- - OVERHEAD UTILITIES
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- ○ - UTILITY POLE
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- Ⓗ - FIRE HYDRANT
- - SEWER MAN HOLE
- - STORM DRAIN

SCALE:
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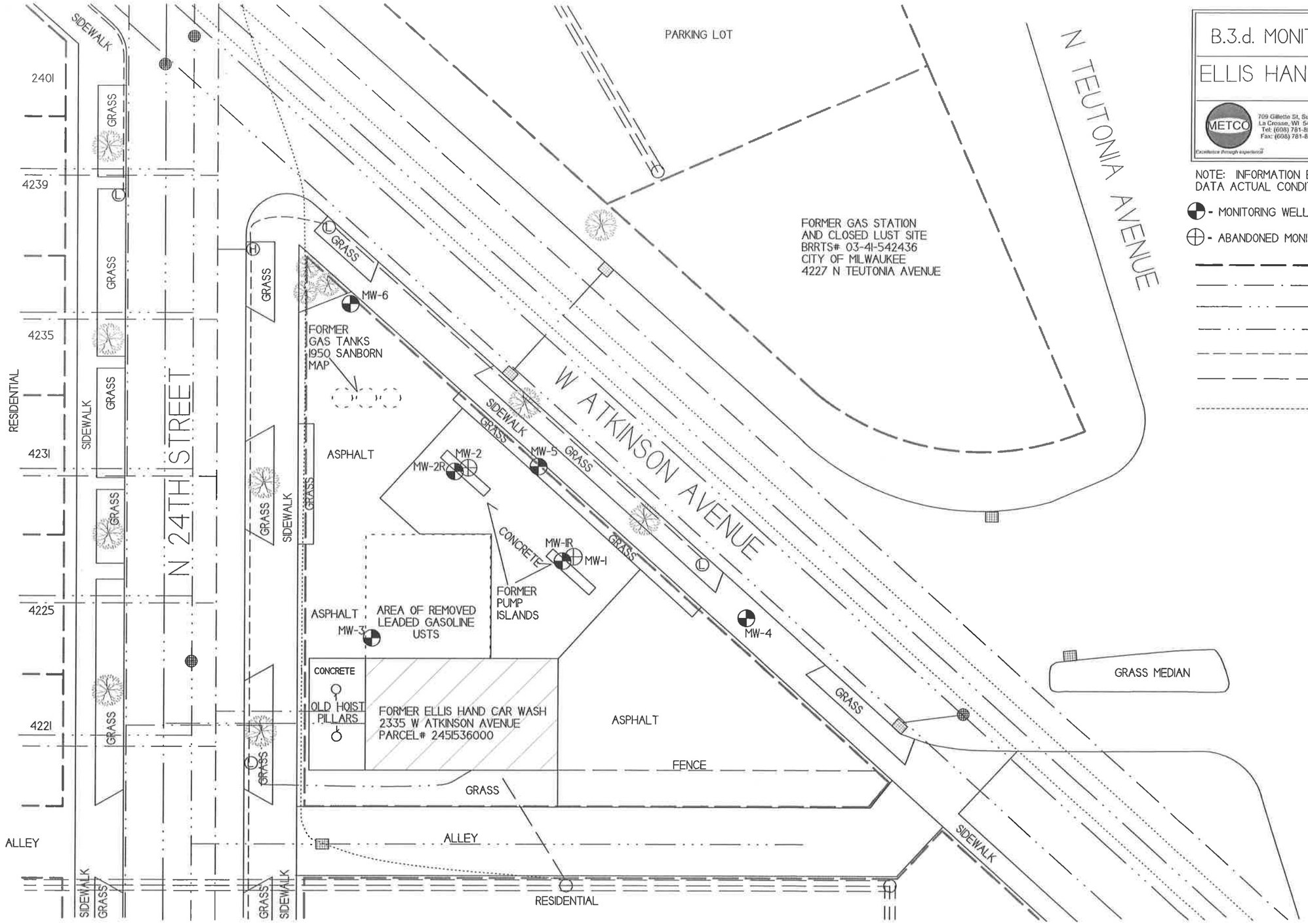
0 25



Attachment C/Documentation of Remedial Action

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

- Site Investigation Report – October 23, 2018
- Letter Report – October 22, 2019
- Semi-Annual Groundwater Monitoring Report – March 18, 2020

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

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

INVOICE

5-21 20 18

CUSTOMER: MERC % New Hope Missionary Baptist Church of Milwaukee, Inc
709 Gillette ST
La Crosse WI 54603

JOB NAME: % Donald Miller
* Elks Hand Car Wash

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
	1	Mobilization	1	287 70	287 70
	6	Haul soil drums to Advanced Disposal - Eau Claire WI	6	108 15	648 90
		Thank You			
				TOTAL	936 60

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

SIGNATURE _____ 215

C.2. Investigative Waste

C. 2.

8001 OLSON DRIVE
EAU CLAIRE, WI 54703
7158300284

Clifton
Portage
Fredonia
Milwaukee x2
Monroe
Madison

002369
DKS TRANSPORT LLC
DKS/18049BIO@
2520 WILSON ST
MENOMONIE, WI 54751

INVOICE
INBOUND

SITE	CELL	TICKET #	OPERATOR
G3		759009	SFALTER

TRUCK	CONTAINER	LICENSE
DKS74		

REFERENCE	IN	OUT
109180	5/15/18 11:36 am	5/15/18 11:36 am

CONTRACT: PETROLEUM/18049BIO@
BOL:

GROSS 43,060.00LBS Scale In
TARE 29,400.00LBS Tare Out
NET 13,660.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
6.83	TN	34A@/EX C-Soil/Pet-Ldd Gs-ADC	WI	100.00			
1.00	EA	Profile Fee EX	WI	100.00			

Total
Paid
Change
Check#
Recpt #

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE:_____

CUSTOMER COPY

7 MILE CREEK LANDFILL, LLC
8001 OLSON DRIVE
EAU CLAIRE, WI 54703
7158300284

Mequon
Dairyland
Milton

002369
DKS TRANSPORT LLC
DKS/18049BIO@
2520 WILSON ST
MENOMONIE, WI 54751

INVOICE
INBOUND

SITE	CELL	TICKET #	OPERATOR
G3		759132	42997

TRUCK	CONTAINER	LICENSE
DKS74		

REFERENCE	IN	OUT
109181	5/16/18 8:02 am	5/16/18 8:05 am

CONTRACT: PETROLEUM/18049BIO@
BOL:

GROSS 41,940.00LBS Scale In
TARE 29,400.00LBS Tare Out
NET 12,540.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
6.27	TN	34A@/EX C-Soil/Pet-Ldd Gs-ADC	WI	100.00			

Total
Paid
Change
Check#
Recpt #

I hereby certify that this load does not contain any unauthorized hazardous waste.

SIGNATURE:_____

CUSTOMER COPY

C. 2.

Invoice

DKS CONSTRUCTON SERVICES, INC
2520 WILSON STREET
MENOMONIE, WI 54751

Date	Invoice #
6/14/2019	4206

Bill To

METCO
% Donald Miller
709 GILLETTE ST
LACROSSE, WI 54603

P.O. No.	Terms	Due Date	Project
	Net 30	7/14/2019	

Quantity	Description	Rate	Amount
	Jobsite: New Hope Missionary Baptist Church 2335 W Atkinson Ave, Milwaukee WI		
1	Mobilization (LS)	3,250.00	3,250.00
1	Excavate Concrete (LS)	750.00	750.00
1	Haul Concrete (LS)	1,800.00	1,800.00
1	Concrete Disposal (LS)	750.00	750.00
1,292.31	Excavate C-Soil (Tons)	3.50	4,523.09
1,292.31	Haul C-Soil (Tons)	16.00	20,676.96
1,292.31	Soil Disposal (Tons)	23.50	30,369.29
1,137.31	Fill (Tons)	15.25	17,343.98
155	Rock (Tons)	18.00	2,790.00
1,292.31	Backfill & Compact (Tons)	2.25	2,907.70
	Work Completed on 06/11/2019, 06/12/2019, 06/13/2019		
	WI & Dunn Sales Tax	5.50%	0.00

BIC
6/17/19

Phone #	7152352600	**Total**	$85,161.02

A 1.5% Interest fee may be charged to invoices past Due Date stated on the invoice. Interest charges may be billed on first day past Due Date on invoice.

C. 2.

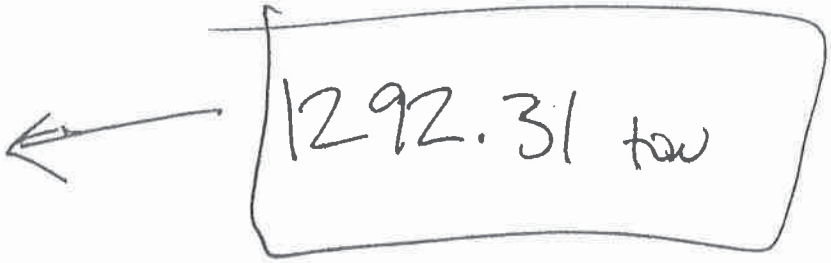
Ellis Hands Car Wash

Customer Summary Report
Criteria: 03/01/2019 12:00 AM to 06/13/2019 11:59 PM
Business Unit Name: Orchard Ridge RDF - S03953 (USA)
Profile: BIO130995WI

Ticket Date	Ticket ID	Manifest	Truck	Tons
6/11/2019	1748991	7852777	74	17.24
6/11/2019	1748993	7852776	52	21.63
6/11/2019	1748994	7852771	46	19.54
6/11/2019	1749067	7852778	74	22.34
6/11/2019	1749071	7852775	46	21.53
6/11/2019	1749076	7852773	52	18.91
6/11/2019	1749134	7852779	74	20.99
6/11/2019	1749139	7852774	46	22.59
6/11/2019	1749161	7852772	52	24.53
6/12/2019	1749265	7852794	52	22.13
6/12/2019	1749266	7852750	46	22.47
6/12/2019	1749284	7852741	23	23.88
6/12/2019	1749289	7852742	65	22.99
6/12/2019	1749292	7852764	70	23.95
6/12/2019	1749295	7852770	64	22.67
6/12/2019	1749320	see	23	21.88
6/12/2019	1749328	7852745	46	22.12
6/12/2019	1749332	7852793	52	26.06
6/12/2019	1749346	7852743	65	17.86
6/12/2019	1749349	7852769	64	16.44
6/12/2019	1749363	7852697	23	23.05
6/12/2019	1749390	7852754	52	25.9
6/12/2019	1749394	7852763	22	22.37
6/12/2019	1749409	7852768	64	18.48
6/12/2019	1749412	7852698	23	22.54
6/12/2019	1749449	7852762	22	24.1
6/12/2019	1749455	7852748	46	22.56
6/12/2019	1749464	7852756	65	23.85
6/12/2019	1749466	7852753	52	22.68
6/12/2019	1749473	7852699	23	23.71
6/12/2019	1749475	7852767	64	20.19
6/12/2019	1749486	7852701	46	21.63
6/12/2019	1749493	7852761	22	21.42
6/12/2019	1749509	7852757	65	19.65
6/12/2019	1749513	7852751	52	24.82
6/12/2019	1749519	7852700	23	21.93
6/12/2019	1749528	7852766	64	18.88
6/12/2019	1749549	7852760	22	22.18
6/12/2019	1749552	7852747	46	22.49

C.2.

6/12/2019	1749567	7852758	65	20.79
6/12/2019	1749579	7852781	23	20.64
6/12/2019	1749591	7852752	52	23.66
6/12/2019	1749593	7852765	64	20.22
6/12/2019	1749609	7852759	22	19.49
6/12/2019	1749627	7852789	46	21.65
6/12/2019	1749630	7852789	65	22.35
6/12/2019	1749635	7852780	23	23.33
6/12/2019	1749652	7852787	64	22.16
6/12/2019	1749661	7852784	52	24.14
6/12/2019	1749677	7852702	46	25.22
6/12/2019	1749680	7852782	65	22.31
6/12/2019	1749687	7852790	22	19.4
6/13/2019	1749706	7852792	52	26.58
6/13/2019	1749708	7852746	46	27.19
6/13/2019	1749730	7852712	23	25.01
6/13/2019	1749763	7852786	46	23.93
6/13/2019	1749766	7852791	52	26.28
6/13/2019	1749770	7852711	23	23.78
Material Total	58			1292.31
Customer Total	58			1292.31
Ticket Totals	58			1292.31



C.2.

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

INVOICE

9-6 2019

CUSTOMER: Metro % Donald Miller, 709 Gillette St, La Crosse WI 54603

JOB NAME: New Hope Missionary Baptist Church, 2335 W Atkinson Ave, Milwaukee WI

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT (Ellis Hand Car Wash)

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE		AMOUNT	
	1	Mobilization	1	316	47	316	47
	2	Haul Soil drums to Advanced Disposal - Eau Claire WI	2	111	39	222	78
		Thank You					
					TOTAL	539	25

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

SIGNATURE _____ 260

Inv. Waste Disposal
Reviewed 9/9/19
DK

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 implemented.

D.2 Location map(s) – No Maintenance Plan is being implemented.

D.3 Photographs – No Maintenance Plan is being implemented.

D.4 Inspection log – No Maintenance Plan is being implemented.

Attachment E/Monitoring Well Information

All wells have been located and will be properly abandoned upon WDNR granting closure to the site.

Attachment F/Source Legal Documents

F.1 Deed

F.2 Certified Survey Map – There is no certified survey map for this property, therefore a plat map has been provided.

F.3 Verification of Zoning

F.4 Signed Statement

F. 1. Deed

REEL 1143 IMAG 1064

5248107

RGH/cjt
P/N 48-079-058
8/18/78

(2)

REGISTER'S OFFICE } ss
Milwaukee County, Wis.
RECORDED AT 10:50 AM
SEP - 7 1978
REEL 1143 IMAGE 1064 to 1066 incl
REGISTER OF DEEDS

SPECIAL WARRANTY DEED

This 21st day of August, 1978, CITIES SERVICE COMPANY, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, located in the Cities Service Building, Tulsa, Oklahoma, and duly authorized to do business in the State of Wisconsin, Grantor, in consideration of TEN DOLLARS ($10.00) and other good and valuable consideration to it in hand paid by the Grantee, hereby grants and conveys to NEW HOPE MISSIONARY BAPTIST CHURCH OF MILWAUKEE, INC., a Wisconsin corporation, located at 2464 West Athinson Avenue, Milwaukee, Wisconsin, 53209, Grantee, its successors and assigns, the following described real estate situated in the County of Milwaukee and State of Wisconsin, to wit:

TRANSFER $8.00 FEE

The East One Hundred Forty-one and Five Hundredths (141.05) feet except the South One Hundred Thirty-three (133) feet of Lot numbered Thirteen (13) in the Re-subdivision of Lots numbered Two (2), Three (3), Four (4), Five (5), Six (6), Seven (7) and Eight (8) in E. C. Freihube's Subdivision in the South West One-quarter (1/4) of Section numbered Six (6), in Township numbered Seven (7) North, Range numbered Twenty-two (22) East, and excepting such portion thereof dedicated for public highway purposes, and

All of Block numbered Two (2) in J. Lustig's Subdivision, being a Subdivision of all except the West 925.47 feet of Lot 6 in the Plat of the Re-subdivision of Lots 2, 3, 4, 5, 6, 7 and 8 in E. C. Freihube's Subdivision in the South West Quarter (SW 1/4) of Section numbered Six (6), in Township numbered Seven (7) North, of Range numbered Twenty-two (22) East, in the City of Milwaukee.

SUBJECT to any condition that an accurate survey or an inspection of the premises might show and to covenants, easements and restrictions of record.

Together with all and singular the hereditaments and appurtenances thereunto belonging or in anywise appertaining.

DOC # 5248107 #
RECORD 4.00
RTX 8.00
D CASH D 16.00
#11726 C001 R01 T10:49
SEP 7 78

4.00

RGH/cjt
P/N 48-079-058
8/18/78

F.1.

TO HAVE AND TO HOLD the said premises as above described with the hereditaments and appurtenances, unto said Grantee, its successors and assigns, forever.

The Grantor, for itself and its successors, covenants with the Grantee, its successors and assigns that the Grantor has not done or suffered to be done, anything whereby the premises hereby granted are, or may be, in any manner encumbered or charged, except as herein recited; and that it and its successors will warrant and forever defend said premises to the Grantee, its successors and assigns, against the claims of all persons claiming by, through or under the Grantor, and none other.

IN WITNESS WHEREOF, the said Grantor has caused these presents to be signed by R. B. THOMAS its Petroleum Products Group, Vice President, and countersigned by LEWIS J. HAINES its Assistant Secretary at Tulsa, Oklahoma, and its corporate seal to be hereunto affixed the day and year first above written.

CITIES SERVICE COMPANY

Signed and sealed in the presence of:

Jan Hardy
Jan Hardy

By R. B. Thomas R.B.T.
R. B. Thomas
Vice President
Petroleum Products Group

Ann Gresimer
Ann Gresimer

Attest Lewis J. Haines
Lewis J. Haines
Assistant Secretary

CITIES SERVICE COMPANY SEAL INCORPORATED 1910

STATE OF OKLAHOMA)
) SS.
COUNTY OF TULSA)

Personally came before me, this 21st day of August, 1978, R. B. THOMAS, Vice President, Petroleum Products Group, and LEWIS J. HAINES, Assistant Secretary, of the above named corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such Vice President

RGH/cjt
P/N 48-079-058
8/18/78

and Assistant Secretary of said corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said corporation, by its authority.

Alberta Baker
Alberta Baker
Notary Public

My Commission Expires:

January 21, 1981.

This instrument prepared by: R. Gene Hornbeck, Legal Intern
Address: P. O. Box 300
Tulsa, Oklahoma 74102

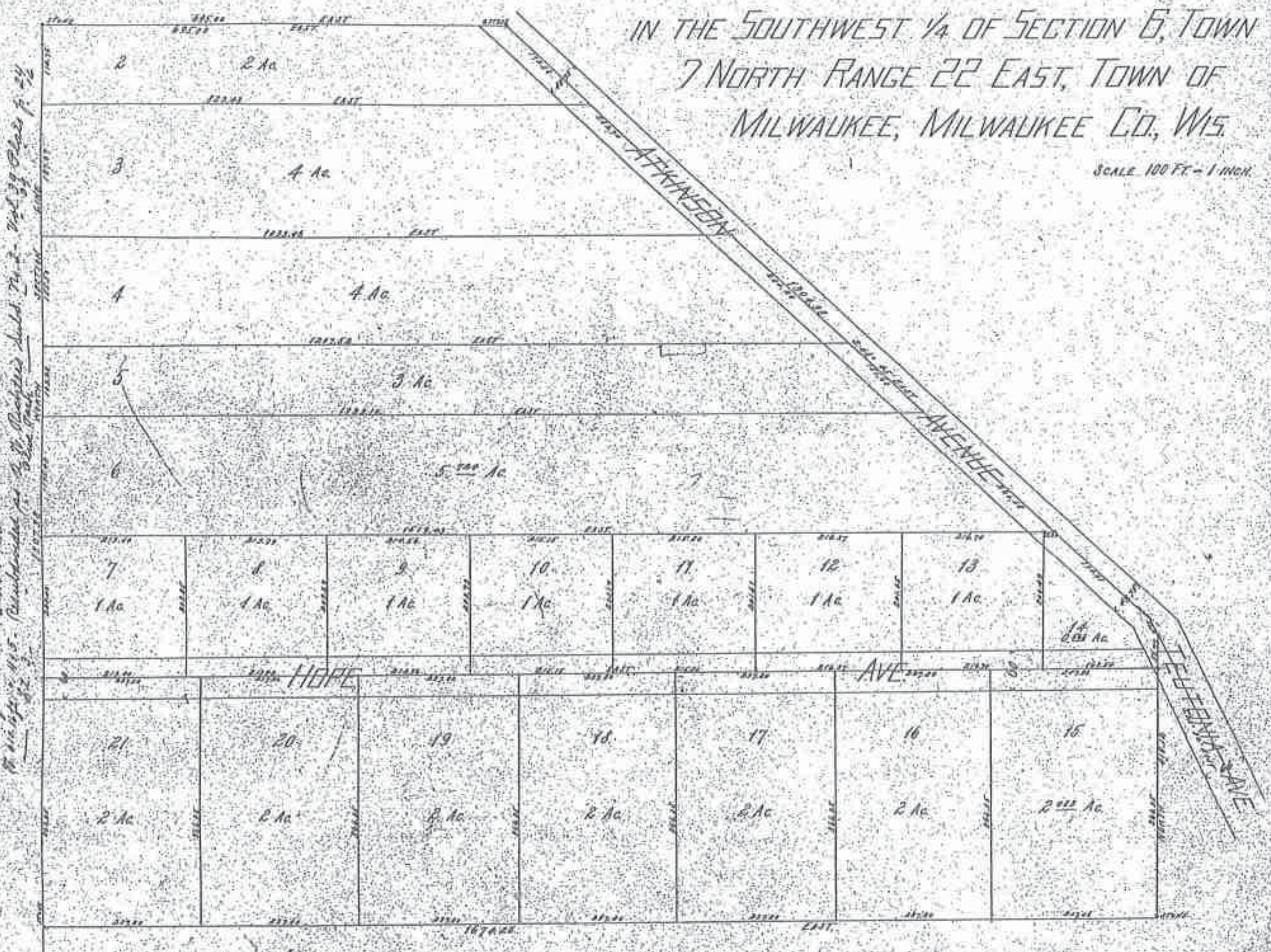
Return to:

Daniel D. Sobel
Attorney at Law
536 W. Wisconsin Ave.,
Milwaukee, WI 53203

F. 2. Certified Survey Map

PLAT OF THE RE-SUBDIVISION OF LOTS 2, 3, 4, 5, 6, 7 AND 8 IN E. C. FREIHUBE'S SUBDIVISION IN THE SOUTHWEST 1/4 OF SECTION 6, TOWN 7 NORTH RANGE 22 EAST, TOWN OF MILWAUKEE, MILWAUKEE CO., WIS.

SCALE 100 FT. = 1 INCH.



County of Milwaukee } ss
State of Wisconsin }

I, A. C. Rienstorf do hereby certify that I have surveyed subdivided and mapped the Re-Subdivision of Lots 2, 3, 4, 5, 6, 7 and 8 in E. C. Freihube's Subdivision in the South West 1/4 of Section 6, Town 7 North, Range 22 East, in the Town and County of Milwaukee, State of Wisconsin, the land as mapped on the within map being bounded and described as follows, to wit: Commencing at a point on the West line [illegible] 702.62 feet north of the south west corner of the South West 1/4 of Section 6, Town 7, North Range 22 East aforesaid, said point being the south west corner of Lot 8, in E. C. Freihube's Subdivision of said 1/4 section, thence north on the west line of Lots 8, 7, 6, 5, 4, 3 and 2 in E. C. Freihube's Subdivision aforesaid 1309.38 feet to the north west corner of Lot 2 in E. C. Freihube's Subdivision aforesaid; thence east on the north line of Lot 2 in E. C. Freihube's Subdivision aforesaid, 695 feet to the center line of Atkinson Avenue (formerly County Road); thence South 48° 45' East along the center line of Atkinson Avenue or County Road 1304.38 feet to the center line of Teutonia Avenue, formerly Cedarburg Plank Road; thence South [illegible] East along the center line of Teutonia Avenue or Cedarburg Plank Road 23.10 feet to the easterly line of Lot 8 in E. C. Freihube's Subdivision; thence south on the east line of Lot 8 in E. C. Freihube's Subdivision aforesaid, 419.12 feet to the south east corner of Lot 8 in E. C. Freihube's Subdivision aforesaid; thence West on the south line of Lot 8 in E. C. Freihube's Subdivision aforesaid, 1674.26 feet to the place of beginning. That I have made said survey, subdivision and within map by the order and direction of the Washington Avenue Land Company of the City of Milwaukee. That the within map is a correct representation of all the exterior boundaries of the land so surveyed and the division thereof made. That I have fully complied with the provisions of Chapter 101 of the Revised Statutes in surveying, subdividing and mapping the same.

Milwaukee, January 23rd 1899.

A. C. Rienstorf, Surveyor

County of Milwaukee } ss
State of Wisconsin }

The Washington Avenue Land Company of the City of Milwaukee, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin hereby certify that said Company caused the land described in the foregoing certificate of A. C. Rienstorf the surveyor thereof to be surveyed subdivided and mapped as represented on the within map.

In Testimony Whereof, the said Corporation has caused these certificates to be signed by its President and Secretary and its corporate seal to be hereunto affixed this 25th day of January A.D. 1899.

Signed and sealed in presence of
H. S. Freihube
B. Markwell

[Corporate Seal]

Chas. L. Kiewert, President
Adolph Segnitz, Secretary

68
184

County of Milwaukee } ss
State of Wisconsin }

On this 25th day of January A.D. 1899 personally before me came Charles L. Kiewert and Adolph Segnitz to me known to be the persons who executed the foregoing instrument, and being by me duly sworn, did say that they, the said Charles L. Kiewert and Adolph Segnitz are President and Secretary respectively of the Washington Avenue Land Company, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin and that the seal affixed to the foregoing instrument is the corporate seal of said corporation, that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors, and they acknowledged said instrument to be the free act and deed of said corporation.

H. S. Freihube, Notary Public
Milwaukee County, Wis.

Resolved That the map of the re-subdivision of Lots 2, 3, 4, 5, 6, 7 and 8 of E. C. Freihube's Subd. in the S.W. 1/4 of Sec. 6, T. 7 N. R. 22 E. in the Town of Milwaukee and County of Milwaukee, be and the same is hereby approved by the Board of Supervisors of Milwaukee County.

[illegible] } Committee

I, Otto V. Haas, County Clerk of Milwaukee County, do hereby certify that the foregoing is a true and correct copy of a resolution adopted by the Board of Supervisors of Milwaukee County on the 29th day of March 1899.

In Witness Whereof I have hereunto set my hand and affixed the official seal of the Board of Supervisors of Milwaukee [illegible] March [illegible] 1899.

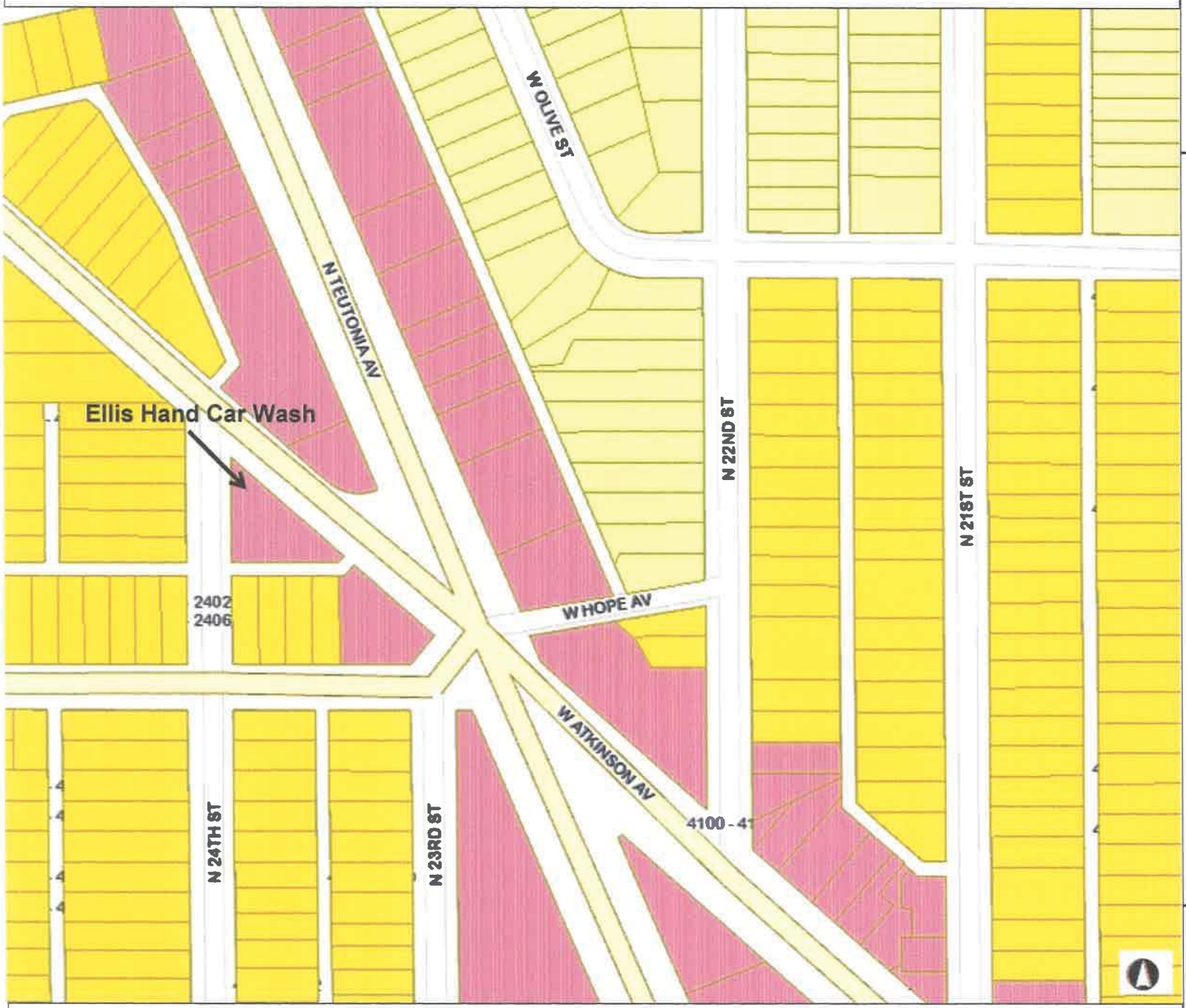
[Official Seal]

Otto V. Haas, County Clerk
Milwaukee County, Wis.

[illegible]

F.3. Verification of Zoning

City of Milwaukee, Wisconsin



- Legend -

Parcels - MPROP_lite

Zoning

- Residential - single family
- Residential - two family
- Residential - multi-family
- Residential - residence and office
- Commercial - neighborhood shopping
- Commercial - local business
- Commercial - commercial service
- Commercial - regional business
- Commercial - central business
- Industrial - commercial
- Industrial - office
- Industrial - light
- Industrial - mixed
- Industrial - heavy
- Special - parks
- Special - institutional
- Special - planned development
- Special - redevelopment district
- Unknown or pending zoning

House numbers

- Notes -

Disclaimer

6/2/2020

Map Scale: 1: 2,257

188.1 0 94.04 188.1 Feet

City of Milwaukee

Department of Administration - ITMD

F.4. Signed Statement

WDNR BRRTS Case #: 03-41-402801

WDNR Site Name: Ellis Hand Car Wash

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:

Donald Miller / trustee
(print name/title)

Donald Miller 5-30-20
(signature) (date)

Attachment G/Notifications to Owners of Affected Properties

G.A. Notification of Continuing Obligations to the City of Milwaukee for residual soil and groundwater contamination in the right-of-way of W Atkinson Avenue.

G.1. Deed – No deeded propertied have been impacted.

G.2. Certified Survey Map – No deeded propertied have been impacted.

G.3. Verification of Zoning – No deeded propertied have been impacted.

G.4 Signed Statement – No deeded propertied have been impacted.

AFFECTED PROPERTY **A** | RIGHT-OF-WAY

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: New Hope Missionary Baptist Church of Milwaukee

Contact Person Last Name	First	MI	Phone Number (include area code)
Miller	Don		(414) 559-3447

Address	City	State	ZIP Code
2433 W Roosevelt Drive	Milwaukee	WI	53209

E-mail

Name of Party Receiving Notification:

Business Name, if applicable: City of Milwaukee - Department of Public Works

Title	Last Name	First	MI	Phone Number (include area code)
Mr.	Polenske	Jeffrey		(414) 286-2489

Address	City	State	ZIP Code
841 North Broadway, Room 501	Milwaukee	WI	53202

Site Name and Source Property Information:

Site (Activity) Name: Ellis Hand Car Wash

Address	City	State	ZIP Code
2335 W Atkinson Avenue	Milwaukee	WI	53209

DNR ID # (BRRTS#)	(DATCP) ID #
03-41-402801	

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		(609) 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
101 S Webster Street	Madison	WI	53707

Contact Person Last Name	First	MI	Phone Number (include area code)
Zeichert	Tim		(608) 266-5788

E-mail (Firstname.Lastname@wisconsin.gov): timothy.zeichert@wisconsin.gov

AFFECTED A PROPERTY

RIGHT-OF-WAY

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

841 North Broadway, Room 501
Milwaukee, WI, 53202

Dear Mr. Polenske:

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 city of Milwaukee may become responsible. I investigated a release of: petroleum on 2335 W Atkinson Avenue, Milwaukee, WI, 53209 that has shown that contamination has migrated into the right-of-way for which city of Milwaukee 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: 101 S Webster Street, Madison, WI, 53707, or at timothy.zeichert@wisconsin.gov.

Residual Contamination:

Groundwater Contamination:
Groundwater contamination originated at the property located at: 2335 W Atkinson Avenue, Milwaukee, WI, 53209 .
The levels of Benzene 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 W Atkinson Avenue adjacent to 2335 W Atkinson Avenue
The remaining contaminants include :
Lead
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.
Excavation and disposal of 1,292 tons of petroleum contaminated soil.

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:

AFFECTED A PROPERTY | RIGHT-OF-WAY

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
Ron S. Tho	6/2/20

Attachments
Contact Information
Legal Description for each Parcel:

AFFECTED PROPERTY A

RIGHT-OF-WAY

B.2.a. SOIL CONTAMINATION

ELLIS HAND CAR WASH

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

MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- + - SOIL BORING LOCATION - CITY OF MILWAUKEE LUST SITE
- ⊗ - FORMER MONITORING WELL LOCATION - CITY OF MILWAUKEE LUST SITE
- × - SOIL BORING LOCATION
- ◍ - MONITORING WELL LOCATION
- ⊕ - ABANDONED MONITORING WELL LOCATION
- ⊗ - EXCAVATION SOIL SAMPLE LOCATION
- — — — — - PROPERTY BOUNDARY
- — · — · — - WATER LINE
- —— ··· —— - SEWER LINE
- — · — · · — - NATURAL GAS LINE
- – – – – – – - BURIED ELECTRIC LINE
- — — — — - OVERHEAD UTILITIES
- ------ - TELEPHONE/CABLE LINE

AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)

- ○ - UTILITY POLE
- Ⓛ - STREET LIGHT
- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▦ - STORM DRAIN

SCALE:
1 INCH = 25 FEET
0 25

N 24TH STREET

N TEUTONIA AVENUE

W ATKINSON AVENUE

PARKING LOT

FORMER GAS STATION
AND CLOSED LUST SITE
BRRTS# 03-41-542436
CITY OF MILWAUKEE
4227 N TEUTONIA AVENUE

FORMER GAS TANKS
1950 SANBORN MAP

FORMER PUMP ISLANDS

AREA OF REMOVED LEADED GASOLINE USTS

FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
PARCEL# 2451536000

CONCRETE
OLD HOIST PILLARS

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES.

GRASS MEDIAN

ASPHALT

CONCRETE

GRASS

FENCE

ALLEY

SIDEWALK

RESIDENTIAL

4231
4239
4235
4225
4221

AFFECTED A PROPERTY

RIGHT-OF-WAY

B.3.b. GROUNDWATER ISOCONCENTRATION MAP (2/25/20)

ELLIS HAND CAR WASH

METCO
709 Gillette St, Suite 2
La Crosse, WI 54603
Tel: (608) 781-8879
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N TEUTONIA AVENUE

W ATKINSON AVENUE

N 24TH STREET

PARKING LOT

SIDEWALK

GRASS

ASPHALT

CONCRETE

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FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
PARCEL# 2451536000

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

ES

PAL

GRASS MEDIAN

FENCE

2401
4239
4235
4231
4225
4221

MW1 MW2 MW3 MW4 MW5 MW-1R MW-2R MW-1 MW-2 MW-3 MW-4 MW-5 MW-6

B1 B2 B3 B4 B5 B6 B7 B8

G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-17 G-18 G-19 G-20 G-21 G-22

EX-1 EX-2 EX-3 EX-4 EX-5 EX-6 EX-7 EX-8 EX-9 EX-10 EX-11 EX-12 EX-13 EX-14 EX-15 EX-16 EX-17 EX-18 EX-19 EX-20 EX-21

ALERT: DUE TO LIMITED TRANSPORTATION AVAILABILITY AS A RESULT OF NATIONWIDE COVID-19 IMPACTS, PACKAGE DELIV...

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FAQs >

AFFECTED A PROPERTY

RIGHT-OF-WAY

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Remove ×

Tracking Number: 70123460000065388481

Your item was delivered to an individual at the address at 11:20 am on June 8, 2020 in MILWAUKEE, WI 53202.

Delivered

June 8, 2020 at 11:20 am
Delivered, Left with Individual
MILWAUKEE, WI 53202

Get Updates ⌄

Feedback

Text & Email Updates ⌄

Tracking History ⌄

Product Information ⌄

See Less ^

Can't find what you're looking for?

Go to our FAQs section to find answers to your tracking questions.

FAQs

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
P.O. Box 7921
Madison, WI 53707-7921

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

AFFECTED **A** PROPERTY | RIGHT-OF-WAY

July 24, 2020

City of Milwaukee
841 North Broadway, Room 501
Milwaukee, WI 53202

SUBJECT: Notice of Closure Approval with Continuing Obligations for Rights-of-Way Holders for 2335 W. Atkinson Avenue
Final Case Closure for Ellis Hand Car Wash, 2335 W. Atkinson Avenue, Milwaukee, WI
DNR BRRTS Activity #: 03-41-402801

Dear Mr. Polenske:

The Department of Natural Resources (DNR) recently approved the completion of environmental work done at the Ellis Hand Car Wash site. This letter describes how that approval applies to the right-of-way (ROW) at 2335 W. Atkinson 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 June 8, 2020, you received information from Metco about the VOC contamination in the ROW from Ellis Hand Car Wash, located at 2335 W. Atkinson Avenue, 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.

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 Map, Attachment B.2.b, 02/25/20. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. Affected property owners and right-of-way holders were notified of the presence of groundwater contamination. This continuing obligation also applies to the ROW holders for 2335 W. Atkinson Avenue.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains on the property as indicated on the attached map Residual Soil Contamination Map, Attachment B.3.b, 12/15/16. If soil in the specific locations described above is excavated in the future, the property owner or right-of-way holder at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner or right-of-way holder at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval. This continuing obligation also applies to the ROW holders for 2335 W. Atkinson Avenue.

In addition, all current and future owners and occupants of the property and right-of-way holders need 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 to prevent a direct contact health threat to humans.

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.

Send all written notifications in accordance with these requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
2300 N. Martin Luther King Jr. Drive
P.O. Box 12436
Milwaukee, WI 53212

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 03-41-402801 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 Tim Zeichert, the DNR project manager, at 608-266-5788 or Timothy.Zeichert@wisconsin.gov with any questions or concerns.

Sincerely,

Dave Rozeboom
Team Supervisor
Remediation & Redevelopment Program

Attachments:

- Groundwater Isoconcentration Map, Attachment B.2.b, 02/25/20
- Residual Soil Contamination Map, Attachment B.3.b, 12/15/16

cc: Donald Miller, New Hope Missionary Baptist Church
Ron Anderson, Metco, 709 Gillette Street, Suite 3, La Crosse, WI 54603

AFFECTED PROPERTY A | RIGHT-OF-WAY

B.3.b. GROUNDWATER ISOCONCENTRATION MAP (2/25/20)

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METCO
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La Crosse, WI 54603
Tel: (608) 781-8879
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MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

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AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)

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- Ⓗ - FIRE HYDRANT
- ◍ - SEWER MAN HOLE
- ▤ - STORM DRAIN

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0 25

PARKING LOT
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1950 SANBORN MAP

AREA OF REMOVED LEADED GASOLINE USTS

FORMER PUMP ISLANDS

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FORMER ELLIS HAND CAR WASH
2335 W ATKINSON AVENUE
PARCEL# 2451536000

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

ES

PAL

MW-1 MW-1R MW-2 MW-2R MW-3 MW-4 MW-5 MW-6
MW1 MW2 MW3 MW4 MW5
B1 B2 B3 B4 B5 B6 B7 B8
G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-17 G-18 G-19 G-20 G-21 G-22
EX-1 EX-2 EX-3 EX-4 EX-5 EX-6 EX-7 EX-8 EX-9 EX-10 EX-11 EX-12 EX-13 EX-14 EX-15 EX-16 EX-17 EX-18 EX-19 EX-20 EX-21

AFFECTED A PROPERTY

RIGHT-OF-WAY

B.2.b. RESIDUAL SOIL CONTAMINATION

ELLIS HAND CAR WASH

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709 Gillette St, Suite 3
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Tel. (608) 781-8879
Fax: (608) 781-8893
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MILWAUKEE, WISCONSIN

DRAWN BY: ED
DATE: 12/15/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- X - SOIL BORING LOCATION
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- - EXCAVATION SOIL SAMPLE LOCATION
- - PROPERTY BOUNDARY
- - WATER LINE
- - SEWER LINE
- - NATURAL GAS LINE
- - BURIED ELECTRIC LINE
- - OVERHEAD UTILITIES
- - TELEPHONE/CABLE LINE
- AREA OF EXCAVATION TO 10 FEET BGS (JUNE 2019)
- - ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES. (LEAD ONLY)
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- - STREET LIGHT
- - FIRE HYDRANT
- - SEWER MAN HOLE
- - STORM DRAIN

SCALE:
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0 25

SIDEWALK
2401
GRASS
4239
4235
4231
4225
4221
RESIDENTIAL
N 24TH STREET
ALLEY
PARKING LOT
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BRRTS# 03-41-542436
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1950 SANBORN MAP
GAS
SIDEWALK
GRASS
ASPHALT
EX-19
EX-11
EX-12
G-9
CONCRETE
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EX-9
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EX-3
EX-4
EX-2
G-8
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ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL VALUES.
GRASS MEDIAN
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G-17
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