



December 1, 2020

Ms. Raisa Beyder
c/o Anna Shtivelberg (POA)
242 E. Ravine Bay Road
Bayside, WI 53217

KEEP THIS LEGAL DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Case Closure with Continuing Obligations
Auto Repair on Vliet, 2481 W. Vliet Street, Milwaukee, WI 53205
BRRTS #: 03-41-286924, FID #: 341043340

Dear Ms. Beyder:

The Wisconsin Department of Natural Resources (DNR) is pleased to inform you that the Auto Repair on Vliet case identified above met the requirements of Wisconsin Administrative (Wis. Admin.) Code chs. NR 725-727 for case closure with continuing obligations (COs). COs are legal requirements to address potential exposure to remaining contamination. No further investigation or remediation is required at this time for the reported hazardous substance discharge and/or environmental pollution.

However, you, future property owners, and occupants of the property must comply with the COs as explained in this letter, which may include maintaining certain features and notifying the DNR and obtaining approval before taking specific actions. You must provide this letter and all enclosures to anyone who purchases, rents or leases this property from you. Some COs also apply to other properties or rights-of-way (ROWs) affected by the contamination as identified in the Continuing Obligation Summary section of this letter.

This case closure decision is issued under Wis. Admin. Code chs. NR 725-727 and is based on information received by the DNR to date. The DNR reviewed the case closure request for compliance with state laws and standards and determined the case closure request met the notification requirements of Wis. Admin. Code ch. NR 725, the response action goals of Wis. Admin. Code § NR 726.05(4), the case closure criteria of Wis. Admin. Code §§ NR 726.05, 726.09 and 726.11, and Wis. Admin. Code ch. NR 140.

This property was a former gas station and auto repair facility, which was constructed in 1935. The gas station operated until 1987, when two 500-gallon gasoline underground storage tanks (UST) were abandoned in place. Currently, the property operates as an auto repair facility. Petroleum volatile organic compounds (PVOCs) contamination at the site was discovered in soil, groundwater, and the vapor phase. The contamination originated from the former gasoline UST systems and was addressed by excavation of the most impacted soils from within the source area. The site investigation occurred across most of the 2481 W. Vliet Street parcel and into neighboring parcels and ROWs. Case closure is granted for the contaminants analyzed during the site investigation in the locations sampled, as documented in the case file.

The case closure decision and COs required were based on the site being used for commercial purposes. The site is currently zoned commercial – local business, which meets non-industrial use under Wis. Admin. Code § NR 720.05 (5) for application of residual contaminant levels in soil.

SUMMARY OF CONTINUING OBLIGATIONS

COs are applied at the following locations:

<u>Address (Milwaukee, WI)</u>	<u>COs Applied</u>
2481 W. Vliet Street (Source Property)	Residual Soil Contamination Exceeds ch. NR 720 Residual Contaminant Levels
	Residual Groundwater Contamination Exceeds ch. NR 140 Enforcement Standards
	Vapor: Compounds of Concern in Use
	Vapor: Future Vapor Risk
2475 W. Vliet Street (Affected Property)	Residual Soil Contamination Exceeds ch. NR 720 Residual Contamination Levels
N. 25 th Street (ROW)	Residual Groundwater Contamination Exceeds ch. NR 140 Enforcement Standards

CLOSURE CONDITIONS

Closure conditions are legally required conditions which include both COs and other requirements for case closure (Wis. Stat. § 292.12 (2)). Under Wis. Stat. § 292.12 (5), you, any subsequent property owners and occupants of the property must comply with the closure conditions as explained in this letter. The property owner must notify occupants for any condition specified in this letter under Wis. Admin. Code §§ NR 726.15 (1) (b) and NR 727.05 (2). If an occupant is responsible for maintenance of any closure condition specified in this letter, you and any subsequent property owner must include the condition in the lease agreement under Wis. Admin. Code § NR 727.05 (3) and provide the maintenance plan to any occupant that is responsible.

DNR staff may conduct periodic pre-arranged inspections to ensure that the conditions included in this letter are met (Wis. Stat. § 292.11 (8)). If these requirements are not followed, the DNR may take enforcement action under Wis. Stat. ch. 292 to ensure compliance with the closure conditions.

SOIL

Continuing Obligations to Address Soil Contamination

Residual Soil Contamination (Wis. Admin. Code chs. NR 718, NR 500-599, and § NR 726.15 (2) (b), and Wis. Stat. ch. 289)

Soil contamination remains in the area of the former UST system as indicated on the enclosed map (Fig. B.2.b., “Soil Contamination,” dated May 1, 2020). If soil in the location(s) shown on the map 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. If sampling confirms that contamination is present, the property owner or ROW holder at the time of excavation will need to determine if the material is considered solid waste and ensure that any storage, treatment or disposal complies with applicable standards and rules. Contaminated soil may be managed under Wis. Admin. Code ch.

NR 718 with prior DNR approval. This CO also applies to the affected property owner of the 2475 W. Vliet Street.

In addition, all current and future property owners, occupants and ROW holders need to be aware that excavation of the contaminated soil may pose an inhalation and direct contact hazard; special precautions may be needed to prevent a threat to human health.

GROUNDWATER

Continuing Obligations to Address Groundwater Contamination and/or Monitoring Wells

Groundwater Contamination Equals or Exceeds Enforcement Standards (Wis. Admin. Code ch. NR 140 and § NR 812.09 (4) (w))

Groundwater contamination which equals or exceeds the enforcement standards for PVOCs is present on the subject property and into the North 25th Street ROW, as shown on the enclosed map (Fig. B.3.b., “Groundwater Isoconcentration,” dated August 24, 2016). To construct a new well or reconstruct an existing well, the property owner must obtain prior DNR approval. Additional casing may be necessary to prevent contamination of the well. This CO also applies to the owners of the North 25th Street ROW.

VAPOR

Continuing Obligations to Address Vapor Contamination

Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater or within preferential pathways into buildings where people may breathe air contaminated by the vapors.

VI - Compounds of Concern Still in Use: (Wis. Stat. § 292.12 (2), Wis. Admin. Code § NR 726.15 (2) (i), (k) and (m))

The subject property is currently operating as an auto repair facility which uses PVOCs. The operation introduces these compounds into the indoor air space. Case closure is possible based on site-specific conditions, including continued use as an auto repair facility and application of commercial vapor risk screening levels (sub-slab). See the enclosed map (Figure B.4.a., “Vapor Intrusion Map,” dated August 24, 2016). Property use is restricted to commercial or industrial uses, without residential exposure.

Contamination in soil vapor beneath the building is at concentrations that pose a risk to human health if allowed to migrate into an occupied building where residential exposures would apply, such as single or multiple family residences, a school, day care, senior center, hospital or other similar residential exposure settings.

If changes in property use or occupancy to other commercial use or a residential exposure setting are planned, the property owner must evaluate whether the closure is protective for the proposed use, notify the DNR of the proposed change and obtain DNR approval for the proposed change. The DNR may require additional response actions.

VI - Future Concern: (Wis. Stat. § 292.12 (2), Wis. Admin. Code § NR 726.15 (2) (L) or (m), as applicable. PVOCs remain in soil and groundwater on the subject parcel, as shown on the enclosed map, (Fig. B.4.a., “Vapor Intrusion Map,” dated August 24, 2016), at concentrations that may be of concern for vapor intrusion in the future, if a building is constructed, renovated, or expanded in an area where no building currently exists or if an existing building is remodeled. At the current time of closure, a building used for auto repair and gravel/asphalt parking are present on the property.

Vapor control technologies are required for new construction or for modification of occupied buildings on the property unless the property owner assesses the vapor pathway and the DNR agrees that vapor control technologies are not needed. The property owner shall maintain the current building use and layout.

See the Other Closure Requirements section for more details.

OTHER CLOSURE REQUIREMENTS

Limitations on Activities, Prior Approval Needed (Wis. Admin. Code §§ NR 724.13 (2) (h), NR 726.15 (2))
Certain activities are limited at closed sites to reduce the risk of exposure to residual contamination via vapor intrusion. See the DNR Notifications Requirements section below.

Pre-Approval Required for Well Construction (Wis. Admin. Code § NR 812.09 (4) (w))
DNR approval is required before well construction or reconstruction for all sites identified as having residual contamination and/or COs. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, the property owner is required to complete and submit Form 3300-254, Continuing Obligations/Residual Contamination Well Approval Application, to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help complete this form. The form can be obtained online at dnr.wi.gov, search "3300-254." Additional casing may be necessary to help prevent contamination of the well.

DNR NOTIFICATION REQUIREMENTS

DNR Notification (Wis. Admin. Code §§ NR 727.07, NR 726.15 (2))

The property owner is required to notify the DNR at least 45 days before taking the following actions. The DNR may require additional investigation and/or cleanup actions if necessary, to be protective of human health and the environment.

- Before changing the use or occupancy to a different commercial or industrial use or to a residential exposure setting
- Before constructing a building and/or modifying the construction of an existing building or changing property use

Send written notifications to the DNR using the RR Program Submittal Portal at dnr.wi.gov, search "RR submittal portal" (<https://dnr.wi.gov/topic/Brownfields/Submittal.html>). Questions on using this portal can be directed to the contact below or to the environmental program associate (EPA) for the regional DNR office. Visit dnr.wi.gov, search "RR contacts" and select the EPA tab (<https://dnr.wi.gov/topic/Brownfields/Contact.html>).

CLOSING

Site and case closure-related information can be found online in the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW); go to dnr.wi.gov and search "BOTW." Use the BRRTS ID # found at the top of this letter. The site can also be found on the map view, Remediation and Redevelopment Sites Map (RRSM) by searching "RRSM."

Please be aware that the case may be reopened under Wis. Admin. Code § NR 727.13 if additional information indicates that contamination on or from the site poses a threat, or for a lack of compliance with a CO or closure requirement. Compliance with the maintenance plan is considered when evaluating the reopening criteria.

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything stated in this letter, please contact DNR Project Manager, Riley Neumann at (414)

750-7030 via email at riley.neumann@wisconsin.gov. If the project manager is not available, contact information can be found at dnr.wi.gov, search "RR contacts."

Sincerely,



Timothy G. Alessi, P.G.
Southeast Region Team Supervisor
Remediation & Redevelopment Program

Enclosures:

- Fig. B.2.a., "Soil Contamination," May 1, 2020
- Fig. B.3.b, "Groundwater Isoconcentration," August 24, 2016
- Fig. B.4.a., "Vapor Intrusion Map," August 24, 2016

cc. Ron Anderson, METCO (electronic)
Jason Powell, METCO (electronic)

Online Resources:

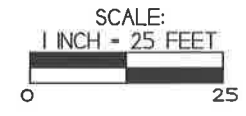
These DNR fact sheets can be obtained by visiting the DNR website at "dnr.wi.gov" and searching DNR publication number (RR-xxx). For information on general permits, search using "wastewater general permits."

- RR-671 – "Using Natural Attenuation to Clean Up Contaminated Groundwater: What Landowners Should Know"
- RR-819 – "Continuing Obligations for Environmental Protection"
- RR-973 – "Environmental Contamination and Your Real Estate"
- RR-987 – "Post-Closure Modifications: Changes to Property Conditions after a State-Approved Cleanup"
- RR-690 – "Guidance for Electronic Submittals for the Remediation and Redevelopment Program"

B.3.b GROUNDWATER ISOCONCENTRATION (1/07/20)
AUTO REPAIR ON VLIET

MILWAUKEE, WISCONSIN
 DRAWN BY: ED
 DATE: 8/24/16

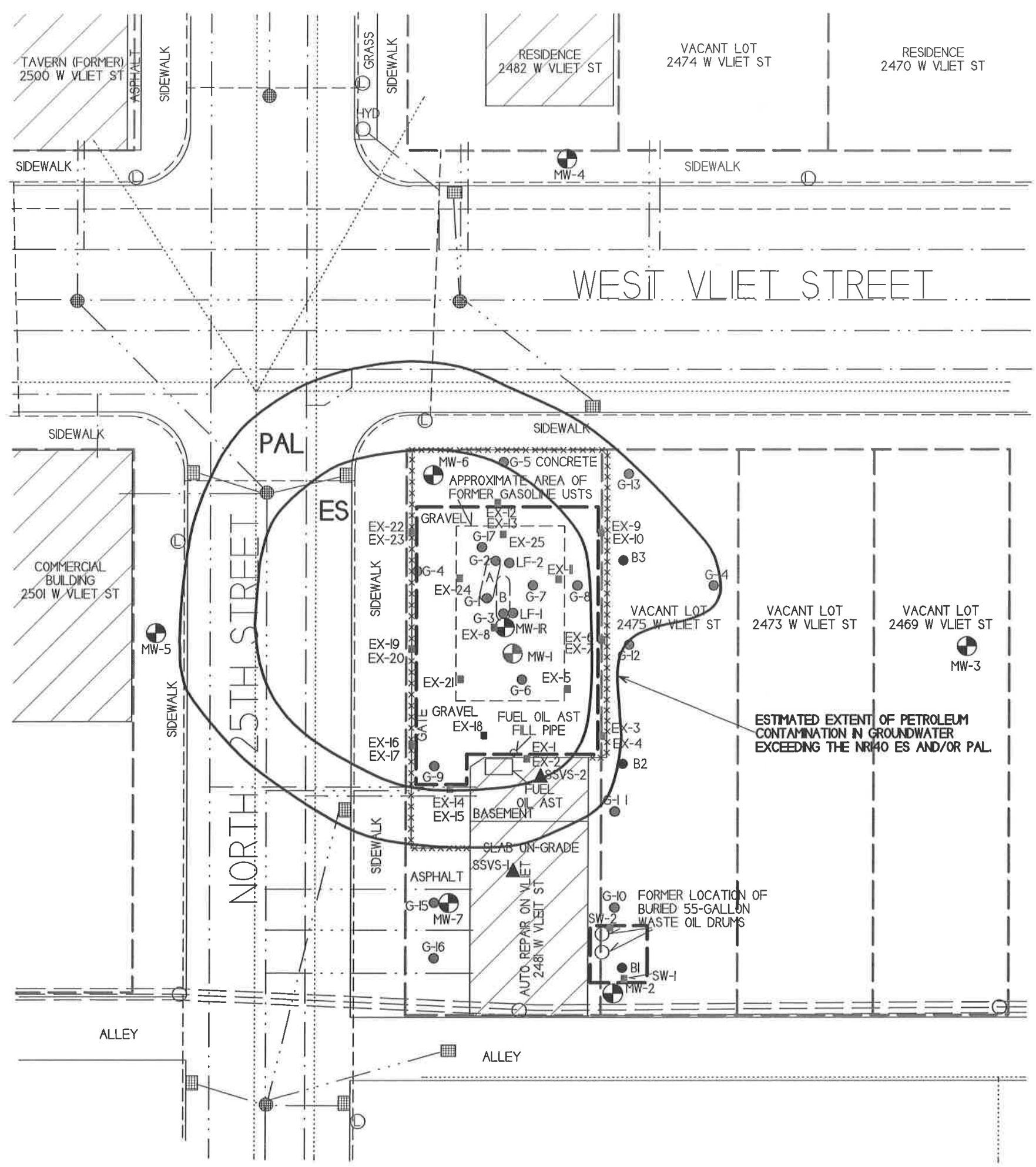
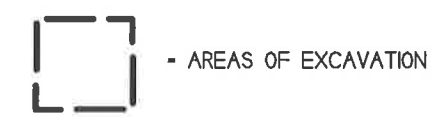
METCO
 709 Galletta St., Suite 3
 La Crosse, WI 54603
 Tel: (608) 781-8879
 Fax: (608) 781-8893



NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
- B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

- - UTILITY POLE
- ⊙ - STREET LIGHT
- - SEWER MAN HOLE
- - STORM DRAIN
- - EXCAVATION SAMPLE LOCATION
- - SOIL BORING LOCATION (GILES P2ESA)
- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ⊕ - MONITORING WELL LOCATION (ABANDONED)
- ▲ - SUB SLAB VAPOR SAMPLE LOCATION
- — — — — - PROPERTY BOUNDARY
- — — — — - WATER LINE
- - - - - - SEWER LINE
- - - - - - NATURAL GAS LINE
- - - - - - BURIED ELECTRIC LINE
- ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
- - - - - - TELEPHONE/CABLE LINE
- ***** - FENCE





August 25, 2020

Ms. Raisa Beyder
c/o Anna Shtivelberg (POA)
242 E. Ravine Bay Road
Bayside, WI

Subject: Remaining Actions Needed for Case Closure under Wis. Adm. Code chs. NR 700-754
Auto Repair on Vliet St., 2481 W. Vliet St., Milwaukee, WI
BRRTS #: 03-41-286924, FID #: 341043340, PECFA #: 53205-1833-81

Dear Ms. Beyder:

On July 20, 2020, the Wisconsin 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 DNR Peer Review determined that additional sampling would be needed before final case closure could be granted. Your consultant, METCO, appealed the closure not recommended determination in an email dated August 4, 2020. The DNR conducted a closure reconsideration review on August 24, 2020. During this second review, it was determined that final case closure could be granted with the condition that an additional Continuing Obligation be placed on the property. 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 on-site and off-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 the DNR Project Manager, Riley Neumann, on DNR Form 3300-005. To download the form, go online at dnr.wi.gov [and search "form 3300-005"](#). The sub-slab vapor sampling ports must also be properly abandoned.

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.

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 Riley Neumann at (414) 750-7030 or Riley.Neumann@wisconsin.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Tim Alessi".

Timothy G. Alessi, P.G.
Southeast Region Team Supervisor
Remediation & Redevelopment Program

cc: Ron Anderson & Jason Powell, METCO (electronic)

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. 03-41-286924	VPLE No.		
Parcel ID No. 36-49-988000			
FID No. 341043340	WTM Coordinates		
	X 687365	Y 288242	
BRRTS Activity (Site) Name Auto Repair on Vliet	WTM Coordinates Represent: <input checked="" type="checkbox"/> Source Area <input type="checkbox"/> Parcel Center		
Site Address 2481 W Vliet Street	City Milwaukee	State WI	ZIP Code 53205
Acres Ready For Use	0.12		

Responsible Party (RP) Name Raisa Beyder c/o Anna Shtivelberg (POA)
Company Name

Mailing Address 242 E. Ravine Bay Rd	City Bayside	State WI	ZIP Code 53217
Phone Number (414) 736-1495	Email rusbvs@hotmail.com		

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

Environmental Consultant Name Ron Anderson
Consulting Firm METCO

Mailing Address 709 Gillette Street Suite 3.	City La Crosse	State WI	ZIP Code 54603
Phone Number (608) 781-8879	Email 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:

- | | |
|--|---|
| <input checked="" type="checkbox"/> \$1,050 Closure Fee | <input checked="" type="checkbox"/> \$300 Database Fee for Soil |
| <input checked="" type="checkbox"/> \$350 Database Fee for Groundwater or Monitoring Wells (Not Abandoned) | Total Amount of Payment \$ <u>\$1,700.00</u> |
| | <input type="checkbox"/> 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 Auto Repair on Vliet site, 2481 W Vliet Street is located at the SW 1/4, SW 1/4, Section 19, Township 7 North, Range 22 East, in Milwaukee, Milwaukee County, WI. The site is bound by W Vliet Street to the north, a vacant lot to the east, a public alley to the south, and N 25th Street to the west.
- B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.
A gas station and auto repair facility was constructed on the subject property in 1935. The gas station operated until 1987, when two 500-gallon gasoline USTs were abandoned in place. Today, the property continues to operate as an auto repair facility.
- C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
According to Milwaukee County, the Auto Repair on Vliet site is zoned as Commercial - local business. Properties to the north east and west are zoned as Commercial - local business. The property to the south is zoned as Residential - two family.
- D. Describe how and when site contamination was discovered.
On December 27, 2001, Advent Environmental Services notified the WDNR of petroleum contamination from the former gasoline UST systems at the Auto Repair on Vliet property and a LUST case (03-41-286924) was opened for the subject property. However, there are no reports in the WDNR file documenting how or where the contamination was discovered.
- E. Describe the type(s) and source(s) or suspected source(s) of contamination.
Petroleum contamination appears to have originated from the former gasoline UST systems.
- F. Other relevant site description information (or enter Not Applicable).
Not applicable.
- G. List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.
A open ERP case is listed for the subject property (Auto Repair on Vliet - BRRTS# 02-41-282021). The contaminate was addressed via excavation/disposal, but "no further action" fee could not be paid at this time.
- H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.
There are currently no BRRTS cases for any immediately adjacent properties.

2. General Site Conditions

- A. Soil/Geology
- i. Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.
Local unconsolidated materials generally consist of sandy silt/clay to silty sand from surface to at least 16 feet bgs. Very fine to medium grained sand with some gravel was also encountered in several borings from surface to depths ranging from 7 to 16 feet bgs.
 - ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Fill material consisting of sand, gravel, and concrete was encountered from 0-2 feet bgs in soil boring G-2. The remedial excavation was backfilled with clean limestone screenings to 15 feet bgs.
 - iii. Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation.
Bedrock was not encountered during the site investigation, but dolomite bedrock is expected to exist at approximately 100-150 feet below ground surface, based on local well construction reports.
 - iv. Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).
The on-site building is located in the southeastern portion of the property. An asphalt parking area exists to the west of the on-site building. An area of grass exists east of the on-site building and along the eastern portion of the property. The excavation area to the north/northwest of the building currently is covered with gravel. A small portion of concrete exists to the north of the excavation area along the northern property boundary.
- 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.

Groundwater exists at depths ranging from 8.83 to 13.14 feet bgs depending on well location and time of year. Free product has affected water table elevation measurements in monitoring well MW-1. The stratigraphic unit where the watertable exists consists of sandy silt/clay to silty sand, and very fine to medium grained sand with some gravel. No piezometers were installed during the investigation.

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

According to data collected from the monitoring wells, the local horizontal groundwater flow in the immediate area of the subject property is generally toward the northwest.

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

On February 16, 2005 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. Hydrogeologic parameters were estimated as the following:

Monitoring Well MW-1

Hydraulic Conductivity (K) = 3.66E-04 cm/sec

Transmissivity = 5.05E-02 cm²/sec

Flow Velocity (V=KI/n) = 15.734 m/yr

Monitoring Well MW-2

Hydraulic Conductivity (K) = 1.16E-03 cm/sec

Transmissivity = 2.02E-01 cm²/sec

Flow Velocity (V=KI/n) = 49.694 m/yr

Monitoring Well MW-5

Hydraulic Conductivity (K) = 4.88E-04 cm/sec

Transmissivity = 8.04E-02 cm²/sec

Flow Velocity (V=KI/n) = 20.978 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of monitoring wells MW-1, MW-2, and MW-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 its potable water from Lake Michigan. METCO is not aware of any private water supply wells in the area.

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 17, 2001, during the P2ESA, three soil borings (B1, B2, and B3) were completed with six soil samples submitted for laboratory analysis (PID, DRO, PVOC, and/or Lead). Two of borings were installed as temporary wells (B1 and B3). Groundwater samples were collected from the temporary wells and submitted for laboratory analysis (PVOC). (Site Investigation Report - September 2017)

On February 6-8, 2017, Geiss Soil & Samples LLC conducted a Geoprobe/Drilling project under the supervision and direction of METCO personnel. Twenty-two soil borings (G-1 through G-22) and five monitoring wells (MW-1 through MW-5) were completed with seventy-eight soil samples collected for field and laboratory analysis (PID, VOC, PVOC and Naphthalene +1,2-DCA, and Lead). Fourteen groundwater samples were collected from the borings for laboratory analysis (PVOC and Naphthalene). Upon completion, all monitoring wells were properly developed. (Site Investigation Report - September 2017)

On May 10-11, 2017, METCO personnel collected groundwater samples from five monitoring wells (MW-1 through MW-5) for VOC and Dissolved Lead analysis. Monitoring wells MW-1 and MW-2 were also analyzed for PAH. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were also collected from the five monitoring wells. During the groundwater sampling event, Fauerbach Surveying & Engineering surveyed all site monitoring wells to feet mean sea level (MSL). (Site Investigation Report - September 2017)

On September 10, 2018, Geiss Soil and Samples LLC, of Merrill, Wisconsin, conducted a Geoprobe project under the

supervision of METCO personnel. During the project, two soil borings (LF-1 and LF-2) were completed to 12 feet below ground surface (bgs). Six soil samples were collected during the project for field (PID) analysis, of which two of the soil samples were submitted for laboratory analysis (GRO, PVOC, Naphthalene, TCLP-Benzene, and/or TCLP-Lead). (Letter Report - July 2019)

On October 8-9, 2018, 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, 1,020.22 tons of petroleum contaminated soil was excavated and hauled to Waste Management Orchard Ridge RDF facility located in Menomonee Falls, Wisconsin. Twenty-five soil samples were collected from the sidewalls and bottom of the larger excavation area for field (PID) and laboratory analysis (PVOC and Naphthalene). Eighteen sidewall samples were collected at 3 and 9 feet bgs and seven bottom samples were collected at 15 feet bgs. Two soil samples were collected from the sidewalls of the excavation on the east side of the building for field (PID) analysis. During the excavation, monitoring well MW-1 was abandoned and removed. Following the excavation project, the excavation area was backfilled with clean soils (limestone screenings) and capped with gravel. (Letter Report - July 2019)

On November 6, 2018, Geiss Soil and Samples LLC, of Merrill, Wisconsin, installed one replacement monitoring well (MW-1R) and one additional monitoring well (MW-6) under the direction and supervision of METCO personnel. Both of the monitoring wells were installed to 17 feet bgs. Monitoring well MW-1R was blind drilled and four soil samples were collected from MW-6 for PID analysis. Upon completion, both monitoring wells MW-1R and MW-6 were properly developed. (Letter Report - July 2019)

On December 18, 2018, METCO personnel collected groundwater samples from six monitoring wells (MW-1R, -2, -3, -4, -5, -6). Monitoring wells MW-2 through MW-5 were sampled for PVOC and Naphthalene analysis and MW-1R and MW-6 were sampled for VOCs (8260). Monitoring wells MW-1R, MW-2, and MW-6 were also analyzed for Dissolved Lead. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. The two new wells MW-1R and MW-6 were also surveyed to Mean Sea Level by METCO personnel. (Letter Report - July 2019)

On March 13, 2019, METCO personnel collected groundwater samples from three monitoring wells (MW-1R, -2, -6) for PVOC, Naphthalene, and Dissolved Lead analysis. Water level measurements were taken in wells MW-3, -4, and -5. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. (Letter Report - July 2019)

On September 10, 2019, Geiss Soil and Samples LLC, of Merrill, Wisconsin, installed one monitoring well (MW-7) under the direction and supervision of METCO personnel. The monitoring well was installed to 15 feet bgs. Four soil samples were collected from MW-7 for PID analysis and two soil samples were submitted for laboratory analysis (PVOC and Naphthalene). (Letter Report - March 2020)

On October 8, 2019, METCO personnel collected groundwater samples from three monitoring wells (MW-1R, MW-6, and MW-7) for PVOC and Naphthalene. Water levels measurements were collected in four wells (MW-2 through MW-5). Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. The new monitoring well MW-7 was also surveyed to Mean Sea Level by METCO personnel. (Letter Report - March 2020)

On January 7, 2020, METCO personnel collected groundwater samples from three monitoring wells (MW-1R, MW-6, and MW-7) for PVOC and Naphthalene. Water levels measurements were collected in four wells (MW-2 through MW-5). Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. (Letter Report - March 2020)

On January 7, 2020, Braun Intertec of La Crosse, Wisconsin installed two sub-slab vapor sampling ports (SSVS-1 and SSVS-2) on the subject property. Sub-slab vapor sampling port SSVS-1 was installed into the floor of the service bay, and sub-slab vapor sampling port SSVS-2 was installed in the basement of the on-site building. The sub-slab vapor sampling ports were constructed by drilling a 1/2-inch pilot hole through the concrete slab and several inches into the sub slab material with a hammer drill. A 1 1/2-inch outer hole is then drilled to depths ranging from 3/4 -inch to 1-inch, depending on the concrete slab thickness. The hole was cleaned of dust and drilling debris using a shop-vac. A stainless-steel vapor pin is installed in the inner hole with a silicon sleeve to obtain an air tight seal with the concrete floor. The remainder of the hole was sealed with hydrated bentonite and a water dam test was conducted to confirm that the seal is air tight. Braun Intertec collected vapor samples from the sub-slab sampling ports (SSVS-1 and SSVS-2) for TO-15 (PVOC and Naphthalene) analysis. The vapor sample was collected by using a short length of Teflon tubing to connect the sampling port and a 6-liter Summa canister. The air sample was collected using a Summa canister with a flow regulator that allowed the sub-slab vapor samples to be collected over a 30-minute period. Prior to collecting the sub-slab vapor samples, a shut-in test was conducted to assure that the fittings between the sample probe and sampling container are air tight. No leaks were detected. Both sub-slab ports were abandoned after sampling was complete. (Letter Report - March 2020)

On February 24, 2020, Braun Intertec of La Crosse, Wisconsin installed one sub-slab vapor sampling port (SSVS-2) in

the basement next to the location of the previous SSVS-2 port. After the vapor sampling port was installed, Braun Intertec collected a vapor sample from the sub-slab sampling port for VOC (TO-15) analysis. The new sub-slab port was left in place with a cap cover after sampling was complete. (Letter Report - March 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.

Soil contamination exceeding the NR720 RCL's extends beyond the property boundary onto the property at 2475 W Vliet Street. This soil contamination plume is approximately 20 feet wide at the property boundary, extends up to 3 feet onto the property, and is up to 6 feet thick.

Three other areas of soil contamination exceeding the NR720 Groundwater RCL's exist on the property at 2475 W Vliet Street. These soil contamination plumes have a diameter of approximately 9 feet, and are up to 3.5 feet thick

A dissolved phase contaminant plume exceeding the NR140 ES has formed at the watertable and has migrated west into the right-of-way of N 25th Street. This groundwater contamination plume extends up to 33 feet into the right-of-way and is approximately 75 feet wide at the property boundary.

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

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

B. Soil

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

An area of unsaturated soil contamination exceeding the NR720 Groundwater RCL values exist to the northeast of the larger October 2018 soil excavation area and former pump islands. This soil contamination plume measures up to 10 feet long, up to 7 feet wide, and up to 9 feet thick. A second area of unsaturated soil contamination exceeding the NR720 Groundwater RCL's exists on the property on the southern end of the excavation areas. This soil contamination plume measures up to 35 feet long, 9 feet wide, and up to 12 feet thick. A third and fourth area of unsaturated soil contamination exceeding the NR720 Groundwater RCL values for Lead and PAH only exists to the east of the larger October 2018 excavation area. These soil contamination plumes consist of areas encompassing soil borings B-2 and B-3 that is approximately 9 feet in diameter, and up to 2 feet thick. A fifth area of unsaturated soil contamination exceeding the NR720 Groundwater RCL values for Lead only exists to the north of the smaller October 2018 excavation area. This soil contamination plume consists of an area encompassing soil boring G-10, that is approximately 9 foot diameter, and up to 3.5 feet thick.

Water, sewer and natural gas service lines exist in the area of the soil contaminant plume. The service lines to the building are privately owned utilities and there is no documentation of their construction. Water and sewer laterals are typically buried 6-8 feet bgs and backfilled with native soil and therefore does not pose a risk as a potential migration pathway. Natural gas utility lines are typically buried within 3 feet of ground surface and backfilled with native soil and therefore does not pose a risk as a potential migration pathway.

- ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column. Soil samples collected within the upper four feet of the soil column exceeding the NR720 RCL's include:

B-2 (0-2 feet bgs): Lead (87 ppm) and Chrysene (0.28 ppm).

B-3 (0-2 feet bgs): Lead (96 ppm) and Chrysene (0.209 ppm).

G-10-1 (3.5 feet bgs): Lead (256 ppm).

- 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 as Commercial - local business, therefore non-industrial standards were used for this site.

Please note that the cPAH calculator was used for the two Chrysene exceedances noted in B-2 and B-3 and based on those results the direct contact PAH fell out on the 2475 W Vliet Street property.

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 ES and or PAL has formed at the water table in the area of the removed UST systems and has migrated toward the northwest. This plume is approximately 115 feet long and 105 feet wide.

- 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 encountered in monitoring well MW-1 and was first encountered on February 16, 2017 and was last encountered on May 11, 2017 (8 inches). The thickness of free product varied between 3 and 36 inches, with a total of 5.55 gallons removed by hand bailing.

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.

On January 7, 2020, Braun Intertec of La Crosse, Wisconsin installed two sub-slab vapor sampling ports (SSVS-1 and SSVS-2) on the subject property. Sub-slab vapor sampling port SSVS-1 was installed into the floor of the service bay, and sub-slab vapor sampling port SSVS-2 was installed in the basement of the on-site building. The sub-slab vapor sampling ports were constructed by drilling a 1/2-inch pilot hole through the concrete slab and several inches into the sub slab material with a hammer drill. A 1 1/2-inch outer hole is then drilled to depths ranging from 3/4 -inch to 1-inch, depending on the concrete slab thickness. The hole was cleaned of dust and drilling debris using a shop-vac. A stainless-steel vapor pin is installed in the inner hole with a silicon sleeve to obtain an air tight seal with the concrete floor. The remainder of the hole was sealed with hydrated bentonite and a water dam test was conducted to confirm that the seal is air tight. Braun Intertec collected vapor samples from the sub-slab sampling ports (SSVS-1 and SSVS-2) for TO-15 (PVOC and Naphthalene) analysis. The vapor sample was collected by using a short length of Teflon tubing to connect the sampling port and a 6-liter Summa canister. The air sample was collected using a Summa canister with a flow regulator that allowed the sub-slab vapor samples to be collected over a 30-minute period. Prior to collecting the sub-slab vapor samples, a shut-in test was conducted to assure that the fittings between the sample probe and sampling container are air tight. No leaks were detected. Both sub-slab ports were abandoned after sampling was complete. (Letter Report - March 2020)

On February 24, 2020, Braun Intertec of La Crosse, Wisconsin installed one sub-slab vapor sampling port (SSVS-2) in the basement next to the location of the previous SSVS-2 port. After the vapor sampling port was installed, Braun Intertec collected a vapor sample from the sub-slab sampling port for VOC (TO-15) analysis. The new sub-slab port was left in place with a cap cover after sampling was complete. (Letter Report - March 2020)

- 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).

The most recent sub-slab vapor results from SSVS-2 (collected on 2/24/20) showed detects, but no exceedances of the WDNR Small Commercial or Residential Sub-Slab Vapor Action Levels.

Sub slab sample SSVS-2 showed VAL exceedances for Benzene (314 ug/m3) and Ethylbenzene (2,010 ug/m3) in the January 7, 2020 sampling.

E. Surface Water and Sediment

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

The nearest surface water is the Menomonee River, which exists approximately 6,100 feet to the south of the subject property. Since it does not appear that the area of soil and groundwater contamination extends to any surface waters, no surface sediment samples were collected.

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

No surface water or sediment samples were collected.

4. Remedial Actions Implemented and Residual Levels at Closure

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

On October 8-9, 2018, 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, 1,020.22 tons of petroleum contaminated soil was excavated and hauled to Waste Management Orchard Ridge RDF facility located in Menomonie Falls, Wisconsin. Twenty-five soil samples were collected from the sidewalls and bottom of the larger excavation area for field (PID) and laboratory analysis (PVOC and Naphthalene). Eighteen sidewall samples were collected at 3 and 9 feet bgs and seven bottom samples were collected at 15 feet bgs. Two soil samples were collected from the sidewalls of the excavation on the east side of the building for field (PID) analysis. During the excavation, monitoring well

MW-1 was abandoned and removed. Following the excavation project, the excavation area was backfilled with clean soils (limestone screenings) and capped with gravel. (Letter Report - July 2019)

- B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.
No immediate or interim actions occurred at this site.
- C. Describe the *active* remedial actions taken at the source property, including: type of remedial system(s) used for each media affected; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.

On October 8-9, 2018, 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, 1,020.22 tons of petroleum contaminated soil was excavated and hauled to Waste Management Orchard Ridge RDF facility located in Menomonee Falls, Wisconsin. Twenty-five soil samples were collected from the sidewalls and bottom of the larger excavation area for field (PID) and laboratory analysis (P VOC and Naphthalene). Eighteen sidewall samples were collected at 3 and 9 feet bgs and seven bottom samples were collected at 15 feet bgs. Two soil samples were collected from the sidewalls of the excavation on the east side of the building for field (PID) analysis. During the excavation, monitoring well MW-1 was abandoned and removed. Following the excavation project, the excavation area was backfilled with clean soils (limestone screenings) and capped with gravel. (Letter Report - July 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 of the Green and Sustainable Remediation was conducted.
- E. Describe the nature, degree and extent of residual contamination that will remain at the source property or on other affected properties after case closure.

An area of unsaturated soil contamination exceeding the NR720 Groundwater RCL values exist to the northeast of the larger October 2018 soil excavation area and former pump islands. This soil contamination plume measures up to 10 feet long, up to 7 feet wide, and up to 9 feet thick. A second area of unsaturated soil contamination exceeding the NR720 Groundwater RCL's exists on the property on the southern end of the excavation. This soil contamination plume measures up to 35 feet long, 9 feet wide, and up to 12 feet thick. A third and fourth area of unsaturated soil contamination exceeding the NR720 Groundwater RCL values for Lead and PAH only exists to the east of the larger October 2018 excavation area. These soil contamination plumes consist of areas encompassing soil borings B-2 and B-3 that is approximately 9 feet in diameter, and up to 2 feet thick. A fifth area of unsaturated soil contamination exceeding the NR720 Groundwater RCL values for Lead only exists to the north of the smaller October 2018 excavation area. This soil contamination plume consists of an area encompassing soil boring G-10, that is approximately 9 feet in diameter and up to 3.5 feet thick.

Soil contamination exceeding the NR720 RCL's extends beyond the property boundary onto the property at 2475 W Vliet Street. This soil contamination plume is approximately 20 feet wide at the property boundary, extends up to 3 feet onto the property, and is up to 6 feet thick.

Three other areas of soil contamination exceeding the NR720 Groundwater RCL's exist on the property at 2475 W Vliet Street. These soil contamination plumes have a diameter of approximately 9 feet, and are up to 3.5 feet thick

A dissolved phase contaminant plume exceeding the NR140 ES and or PAL has formed at the water table in the area of the removed UST systems and has migrated toward the northwest. This plume is approximately 115 feet long and 105 feet wide.

A dissolved phase contaminant plume exceeding the NR140 ES has formed at the watertable and has migrated west into the right-of-way of N 25th Street. This groundwater contamination plume extends up to 33 feet into the right-of-way and is approximately 75 feet wide at the property boundary.

- F. Describe the residual soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds RCLs established under s. NR 720.12, Wis. Adm. Code, for protection of human health from direct contact.
Due to the soil excavation project and using the cPAH calculator there is no known residual soil contamination exceeding the NR720 Direct Contact RCL's.
- G. Describe the residual soil contamination that is above the observed low water table that attains or exceeds the soil standard(s) for the groundwater pathway.
Soil samples above the observed low water table which currently exceed the NR720 RCL's include:

B-2 (0-2 feet bgs): Lead and Chrysene.

B-3 (0-2 feet bgs): Lead and Chrysene.

G-10-1 (3.5 feet bgs): Lead.

EX-2 (9.0 feet bgs): Benzene, Ethylbenzene, Naphthalene, Toluene, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, and Xylene.

EX-10 (9.0 feet bgs): Benzene, Ethylbenzene, Naphthalene, Toluene, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, and

Xylene.

EX-15 (9.0 feet bgs): Ethylbenzene, Naphthalene, Toluene, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, and Xylene.

- H. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.
- Residual soil contamination and groundwater contamination will be addressed via natural attenuation.
- I. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration (e.g., stable or receding groundwater plume). Since the overall contaminant trends appear to be stable to decreasing, and the most highly contaminated soils were removed during the soil excavation project, it appears that natural attention will be effective in reducing the contaminant mass.
- J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).
- Any remaining exposure pathways will be addressed via 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 as part of the site investigation.
- L. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.
- No NR140 ES or PAL exemptions are needed at this time:
- Monitoring locations that currently exceed the NR140 PAL or ES include the following:
- Monitoring Well MW-1: Currently shows NR140 ES exceedances for Benzene (3,300 ppb), Ethylbenzene (830 ppb), Naphthalene (273 ppb), Trimethylbenzenes (593 ppb), Xylene (2,319 ppb), as well as a NR140 PAL exceedance for Toluene (790 ppb).
- Monitoring Well MW-6: Currently shows a NR140 ES exceedance for Benzene (21.1 ppb), as well as NR140 PAL exceedances for Ethylbenzene (306 ppb), Naphthalene (71 ppb), Toluene (226 ppb), Trimethylbenzenes (297 ppb), and Xylene (1,210 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.
- Sub slab sample SSVS-2 showed VAL exceedances for Benzene (314 ug/m³) and Ethylbenzene (2,010 ug/m³) in the January 7, 2020 sampling.
- However, the most recent sub-slab vapor results (SSVS-2) showed detects, but no exceedances of the WDNR Small Commercial or Residential Sub-Slab Vapor Action Levels.
- 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):			Case Closure Situation - Continuing Obligation (database fees will apply, ii. - xiv.)	Maintenance Plan Required	
Property Type:					
Source Property	Affected Property (Off-Source)	ROW			
i.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None of the following situations apply to this case closure request.	NA
ii.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Residual groundwater contamination exceeds ch. NR 140 ESs.	NA
iii.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination exceeds ch. NR 720 RCLs.	NA
iv.				Monitoring Wells Remain:	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	• Not Abandoned (filled and sealed)	NA
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	• Continued Monitoring (requested or required)	Yes
v.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cover/Barrier/Engineered Cover or Control for (soil) direct contact pathways (includes vapor barriers)	Yes
vi.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cover/Barrier/Engineered Cover or Control for (soil) groundwater infiltration pathway	Yes
vii.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Structural Impediment: impedes completion of investigation or remedial action (not as a performance standard cover)	NA
viii.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination meets NR 720 industrial soil RCLs, land use is classified as industrial	NA
ix.	<input type="checkbox"/>	<input type="checkbox"/>	NA	Vapor Mitigation System (VMS) required due to exceedances of vapor risk screening levels or other health based concern	Yes
x.	<input type="checkbox"/>	<input type="checkbox"/>	NA	Vapor: Dewatering System needed for VMS to work effectively	Yes
xi.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	Vapor: Compounds of Concern in use: full vapor assessment could not be completed	NA
xii.	<input type="checkbox"/>	<input type="checkbox"/>	NA	Vapor: Commercial/industrial exposure assumptions used.	NA
xiii.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vapor: Residual volatile contamination poses future risk of vapor intrusion	NA
xiv.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Site-specific situation: (e. g., fencing, methane monitoring, other) (<i>discuss with project manager before submitting the closure request</i>)	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://dnrm.wi.gov/si/?Viewer=RR Sites](http://dnrm.wi.gov/si/?Viewer=RR%20Sites)) 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 exceedance (0-4 foot depth).

B.3. Groundwater Figures

- B.3.a. **Geologic Cross-Section Figure(s):** One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:
- Source location(s) and vertical extent of residual soil contamination exceeding an RCL. Distinguish between direct contact and the groundwater pathway RCLs.
 - Source location(s) and lateral and vertical extent if groundwater contamination exceeds ch. NR 140 ES.
 - Surface features, including buildings and basements, and show surface elevation changes.
 - Any areas of active remediation within the cross section path, such as excavations or treatment zones.
 - Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1.b.)
- B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, PAL and/or an ES. Indicate the date and direction of groundwater flow based on the most recent sampling data.
- B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two groundwater flow maps showing the maximum variation in flow direction.
- B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been abandoned.

B.4. Vapor Maps and Other Media

- B.4.a. **Vapor Intrusion Map:** Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway in relation to residual soil and groundwater contamination, including sub-slab, indoor air, soil vapor, soil gas, ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.
- B.4.b. **Other media of concern (e.g., sediment or surface water):** Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.
- B.4.c. **Other:** Include any other relevant maps and figures not otherwise noted above. (This section may remain blank).

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

Documentation of Remedial Action (Attachment C)

Directions for Documentation of Remedial Action:

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc.).
- If the documentation requested below has already been submitted to the DNR, please note the title and date of the report for that particular document requested.
 - C.1. **Site investigation documentation**, that has not otherwise been submitted with the Site Investigation Report.
 - C.2. **Investigative waste** disposal documentation.
 - C.3. Provide a **description of the methodology** used along with all supporting documentation if the RCLs are different than those contained in the Department's RCL Spreadsheet available at: <http://dnr.wi.gov/topic/Brownfields/Professionals.html>.
 - C.4. **Construction documentation** or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.
 - C.5. **Decommissioning of Remedial Systems.** Include plans to properly abandon any systems or equipment.
 - C.6. **Other.** Include any other relevant documentation not otherwise noted above (This section may remain blank).

Maintenance Plan(s) and Photographs (Attachment D)

Directions for Maintenance Plans and Photographs:

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

- D.1. **Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required:**
- Provide brief descriptions of the type, depth and location of residual contamination.

- Provide a description of the system/cover/barrier/monitoring well(s) to be maintained.
 - Provide a description of the maintenance actions required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
 - Provide contact information, including the name, address and phone number of the individual or facility who will be conducting the maintenance.
- D.2. **Location map(s) which show(s):** (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) all property boundaries.
- D.3. **Photographs** for site or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system, include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features shall be visible and discernible. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.
- D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter. The inspection and maintenance log is found at: <http://dnr.wi.gov/files/PDF/forms/4400/4400-305.pdf>.

Monitoring Well Information (Attachment E)

Directions for Monitoring Well Information:

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

Select One:

- No monitoring wells were installed as part of this response action.
- All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site
- Select One or More:**
- Not all monitoring wells can be located, despite good faith efforts. Attachment E must include a description of efforts made to locate the wells.
- One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason (s) the well(s) will remain in use. When one or more monitoring wells will remain in use this is considered a continuing obligation and a maintenance plan will be required and must be included in Attachment D.
- One or more monitoring wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s). Provide documentation from the party accepting future responsibility for monitoring well(s).

Source Legal Documents (Attachment F)

Directions for Source Legal Documents:

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

- F.1. **Deed:** The most recent deed with legal description clearly listed.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- F.2. **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- F.3. **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- F.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties. This section applies to the source property only. Signed statements for Other Affected Properties should be included in Attachment G.

Notifications to Owners of Affected Properties (Attachment G)**Directions for Notifications to Owners of Affected Properties:**

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

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

Include a copy of each notification sent and accompanying proof of delivery, i.e., return receipt or signature confirmation.

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.

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.

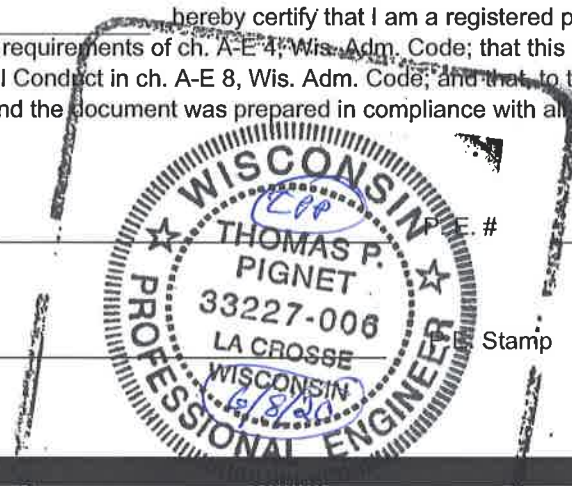
- The investigation and/or response action(s) for this site evaluated and/or addressed groundwater (including natural attenuation remedies). Both a professional engineer and a hydrogeologist must sign this document per Wis. Admin. Code ch. NR 712.
- The investigation and the response action(s) for this 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 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 (revised)

Title Chemical Engineer/Industrial Engineer



33227-006

Stamp

Hydrogeologist Certification

I, Ronald 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 Ronald Anderson

Title Senior Hydrogeologist/Project Manager

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

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, Slug Test Calculations, Free Product Recovery.

A.1 Groundwater Analytical Table
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-1/1R MW-1R 681.12
PVC Elevation = MW-1 680.67 (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)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/10/17	668.12	12.55	25.9	5100	670	<41	146	6400	470	2660
10/08/18	MW-1 ABANDONED/REMOVED DURING EXCAVATION PROJECT									
11/06/18	MW-1 REPLACED WITH MW-1R									
12/18/18	668.40	12.72	5.6	6200	810	<2.8	158	6500	464	3140
03/13/19	668.77	12.35	6.1	5400	930	<57	199	6500	571	3740
10/08/19	668.92	12.20	NS	4300	960	<12	195	2030	615	3120
01/07/20	668.53	12.59	NS	3300	830	<35.5	273	790	593	2319
ENFORCE MENT 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
PVC Elevation = 682.54 (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)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/10/17	674.24	8.30	<4.5	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/18/18	673.01	9.53	<0.8	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
03/13/19	672.76	9.78	<0.8	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
10/08/19	673.50	9.04	NOT SAMPLED							
01/07/20	673.33	9.21	NOT SAMPLED							
ENFORCE MENT 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 = 682.35 (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)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/10/17	673.29	9.06	<4.5	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/18/18	672.05	10.30	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
03/13/19	672.14	10.21	NOT SAMPLED							
10/08/19	672.72	9.63	NOT SAMPLED							
01/07/20	672.21	10.14	NOT SAMPLED							
ENFORCE MENT 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
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-4

PVC Elevation = 680.05 (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)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/10/17	668.89	11.16	<4.5	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
12/18/18	668.54	11.51	NS	0.48	<0.53	<0.57	<1.7	0.70	<1.48	<1.58
03/13/19	668.84	11.21	NOT SAMPLED							
10/08/19	668.82	11.23	NOT SAMPLED							
01/07/20	668.53	11.52	NOT SAMPLED							
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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 = 679.45 (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)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/10/17	667.76	11.69	<4.5	<0.17	<0.2	5.1	<2.17	<0.67	<2.05	<1.95
12/18/18	667.75	11.70	NS	<0.22	<0.53	3.7	<1.7	<0.45	<1.48	<1.58
03/13/19	667.80	11.65	NOT SAMPLED							
10/08/19	667.81	11.64	NOT SAMPLED							
01/07/20	667.74	11.71	NOT SAMPLED							
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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 = 680.20 (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)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
12/18/18	668.31	11.89	5.9	69	400	<14	<105	1000	436	2320
03/13/19	668.69	11.51	<0.8	33	259	<5.7	29.3	164	146	798
10/08/19	668.56	11.64	NS	<16	91	<12	<65	59	67-100.5	360
01/07/20	668.32	11.88	NS	21.1	306	<0.71	71	226	297	1210
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-7

PVC Elevation = 681.03 (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)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/08/19	670.38	10.65	NS	<0.32	<0.29	<0.24	<1.3	<0.29	0.71-1.38	<1.12
01/07/20	669.93	11.10	NS	<0.48	<0.55	<0.71	<0.82	<0.62	<1.37	<2.04
ENFORCEMENT STANDARD ES = Bold			15	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(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
Auto Repair on Vliet BRRS #03-41-286924

Well Sampling Conducted on: 05/10/17 05/10/17 05/10/17 05/10/17 05/10/17 12/18/18 12/18/18

VOC's

Well Name	MW-1	MW-2	MW-3	MW-4	MW-5	MW-1R	MW-6
Lead/ppb	25.9	< 4.5	< 4.5	< 4.5	< 4.5	5.6	5.9
Benzene/ppb	5100	< 0.17	< 0.17	< 0.17	< 0.17	6200	69
Bromobenzene/ppb	< 21.5	< 0.43	< 0.43	< 0.43	< 0.43	< 4.4	< 22
Bromodichloromethane/ppb	< 15.5	< 0.31	< 0.31	< 0.31	< 0.31	< 3.3	< 16.5
Bromoform/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	< 4.5	< 22.5
tert-Butylbenzene/ppb	< 19.5	< 0.39	< 0.39	< 0.39	< 0.39	< 2.5	< 12.5
sec-Butylbenzene/ppb	< 12	< 0.24	< 0.24	< 0.24	< 0.24	< 7.9	< 39.5
n-Butylbenzene/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	8.0 "J"	< 35.5
Carbon Tetrachloride/ppb	< 10.5	< 0.21	< 0.21	< 0.21	< 0.21	< 3.1	< 15.5
Chlorobenzene/ppb	< 13.5	< 0.27	< 0.27	< 0.27	< 0.27	< 2.6	< 13
Chloroethane/ppb	< 25	< 0.5	< 0.5	< 0.5	< 0.5	< 6.1	< 30.5
Chloroform/ppb	< 48	< 0.96	< 0.96	< 0.96	< 0.96	< 2.6	< 13
Chloromethane/ppb	213	< 1.3	< 1.3	< 1.3	< 1.3	< 5.4	< 27
2-Chlorotoluene/ppb	< 18	< 0.36	< 0.36	< 0.36	< 0.36	< 3.1	< 15.5
4-Chlorotoluene/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 2.6	< 13
1,2-Dibromo-3-chloropropane/ppb	< 94	< 1.88	< 1.88	< 1.88	< 1.88	< 29.6	< 148
Dibromochloromethane/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 2.2	< 11
1,4-Dichlorobenzene/ppb	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 7	< 35
1,3-Dichlorobenzene/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 8.5	< 42.5
1,2-Dichlorobenzene/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	< 8.6	< 43
Dichlorodifluoromethane/ppb	< 19	< 0.38	< 0.38	< 0.38	< 0.38	< 3.2	< 16
1,2-Dichloroethane/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 2.5	< 12.5
1,1-Dichloroethane/ppb	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 3.6	< 18
1,1-Dichloroethene/ppb	< 23	< 0.46	< 0.46	< 0.46	< 0.46	< 4.2	< 21
cis-1,2-Dichloroethene/ppb	< 20.5	< 0.41	< 0.41	< 0.41	< 0.41	< 3.7	< 18.5
trans-1,2-Dichloroethene/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 3.4	< 17
1,2-Dichloropropane/ppb	< 19.5	< 0.39	< 0.39	< 0.39	< 0.39	13 "J"	< 22
1,3-Dichloropropane/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 0.49	< 3	< 15
trans-1,3-Dichloropropene	< 21	< 0.42	< 0.42	< 0.42	< 0.42	< 3.2	< 16
cis-1,3-Dichloropropene	< 10.5	< 0.21	< 0.21	< 0.21	< 0.21	< 2.6	< 13
Di-isopropyl ether/ppb	< 13	< 0.26	< 0.26	< 0.26	< 0.26	< 2.1	< 10.5
EDB (1,2-Dibromoethane)/ppb	< 17	< 0.34	< 0.34	< 0.34	< 0.34	< 3.4	< 17
Ethylbenzene/ppb	610	< 0.2	< 0.2	< 0.2	< 0.2	810	400
Hexachlorobutadiene/ppb	< 73.5	< 1.47	< 1.47	< 1.47	< 1.47	< 13.4	< 67
Isopropylbenzene/ppb	47	< 0.29	< 0.29	< 0.29	< 0.29	49	< 39
p-Isopropyltoluene/ppb	< 14	< 0.28	< 0.28	< 0.28	< 0.28	6.5 "J"	< 12
Methylene chloride/ppb	< 47	< 0.94	< 0.94	< 0.94	< 0.94	< 13.2	< 66
Methyl tert-butyl ether (MTBE)/ppb	< 41	< 0.82	< 0.82	< 0.82	5.1	< 2.8	< 14
Naphthalene/ppb	146 "J"	< 2.17	< 2.17	< 2.17	< 2.17	158	< 105
n-Propylbenzene/ppb	51	< 0.19	< 0.19	< 0.19	< 0.19	50	50 "J"
1,1,2,2-Tetrachloroethane/ppb	< 34.5	< 0.69	< 0.69	< 0.69	< 0.69	< 3	< 15
1,1,1,2-Tetrachloroethane/ppb	< 23.5	< 0.47	< 0.47	< 0.47	< 0.47	< 3.5	< 17.5
Tetrachloroethene (PCE)/ppb	< 24	< 0.48	< 0.48	< 0.48	< 0.48	< 3.8	< 19
Toluene/ppb	6400	< 0.67	< 0.67	< 0.67	< 0.67	6500	1000
1,2,4-Trichlorobenzene/ppb	< 64.5	< 1.29	< 1.29	< 1.29	< 1.29	< 11.5	< 57.5
1,2,3-Trichlorobenzene/ppb	< 41.5	< 0.83	< 0.83	< 0.83	< 0.83	< 17.1	< 85.5
1,1,1-Trichloroethane/ppb	< 17.5	< 0.35	< 0.35	< 0.35	< 0.35	< 3.3	< 16.5
1,1,2-Trichloroethane/ppb	< 32.5	< 0.65	< 0.65	< 0.65	< 0.65	< 4.2	< 21
Trichloroethene (TCE)/ppb	< 22.5	< 0.45	< 0.45	< 0.45	< 0.45	< 3	< 15
Trichlorofluoromethane/ppb	< 32	< 0.64	< 0.64	< 0.64	< 0.64	< 3.5	< 17.5
1,2,4-Trimethylbenzene/ppb	360	< 1.14	< 1.14	< 1.14	< 1.14	360	340
1,3,5-Trimethylbenzene/ppb	110 "J"	< 0.91	< 0.91	< 0.91	< 0.91	104	96 "J"
Vinyl Chloride/ppb	< 9.5	< 0.19	< 0.19	< 0.19	< 0.19	< 2	< 10
m&p-Xylene/ppb	1760	< 1.56	< 1.56	< 1.56	< 1.56	2020	1840
o-Xylene/ppb	900	< 0.39	< 0.39	< 0.39	< 0.39	1120	480

ENFORCE MENT STANDARD = ES - Bold	PREVENTIVE ACTION LIMIT = PAL - Italics
15	<i>1.5</i>
5	<i>0.5</i>
==	==
0.6	<i>0.06</i>
4.4	<i>0.44</i>
==	==
==	==
5	<i>0.5</i>
==	==
400	<i>80</i>
6	<i>0.6</i>
30	<i>3</i>
==	==
0.2	<i>0.02</i>
60	<i>6</i>
75	<i>15</i>
600	<i>120</i>
600	<i>60</i>
1000	<i>200</i>
5	<i>0.5</i>
==	==
==	==
850	<i>85</i>
7	<i>0.7</i>
70	<i>7</i>
100	<i>20</i>
5	<i>0.5</i>
==	==
0.05	<i>0.005</i>
700	<i>140</i>
==	==
==	==
5	<i>0.5</i>
60	<i>12</i>
100	<i>10</i>
==	==
0.2	<i>0.02</i>
70	<i>7</i>
5	<i>0.5</i>
800	<i>160</i>
70	<i>14</i>
==	==
200	<i>40</i>
5	<i>0.5</i>
5	<i>0.5</i>
==	==
Total TMB's 480	<i>Total TMB's 96</i>
0.2	<i>0.02</i>
Total Xylenes 2000	<i>Total Xylenes 400</i>

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.1 Groundwater Analytical Table
(PAH)
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-1

Date	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
05/10/17	<0.16	<0.19	<0.19	<0.17	<0.2	<0.18	<0.25	<0.16	<0.2	<0.25	<0.17	<0.21	<0.23	4.80	9.50	46	<0.25	<0.2	
10/8/2018	MW-1 ABANDONED/REMOVED DURING EXCAVATION PROJECT																		
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250	
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50	

(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

Date	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)
05/10/17	<0.016	<0.019	<0.019	<0.017	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	<0.017	<0.021	<0.023	<0.024	<0.024	<0.025	<0.025	<0.02
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50

(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

Date	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
05/10/17	NOT SAMPLED																		
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250	
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50	

(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
(PAH)
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-4

Date	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
05/10/17	NOT SAMPLED																		
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250	
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50	

(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

Date	Acenaphthene (ppb)	Acenaphthylene (ppb)	Anthracene (ppb)	Benzo(a)anthracene (ppb)	Benzo(a)pyrene (ppb)	Benzo(b)fluoranthene (ppb)	Benzo(g,h,i)Perylene (ppb)	Benzo(k)fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h)anthracene (ppb)	Fluoranthene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd)pyrene (ppb)	1-Methylnaphthalene (ppb)	2-Methylnaphthalene (ppb)	Naphthalene (ppb)	Phenanthrene (ppb)	Pyrene (ppb)	
05/10/17	NOT SAMPLED																		
ENFORCEMENT STANDARD = ES - Bold			3000	-	0.2	0.2	-	-	0.2	-	400	400	-	-	-	100	-	250	
PREVENTIVE ACTION LIMIT = PAL - Italics			600	-	0.02	0.02	-	-	0.02	-	80	80	-	-	-	10	-	50	

(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
(Geoprobe)
Auto Repair on Vliet BRRS #03-41-286924**

Sample ID	Date	Lead (ppb)	DRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
B1	08/17/01	NS	NS	LOD = Below Detected Between the Laboratory Detection Limit and Quantitation Limit						
B3	08/17/01	NS	NS	4.7	NS	NS	NS	21	NS	NS
G-4-W	02/06/17	NS	NS	7600	3400	<86	470	20500	1860	14100
G-5-W	02/06/17	NS	NS	1.05	1.36	<0.43	1.99	4.7	2.25	6.04
G-6-W	02/06/17	NS	NS	7300	2330	<21.5	390	11300	3250	9570
G-7-W	02/06/17	NS	NS	2430	1140	<21.5	233	4500	1041	4270
G-8-W	02/06/17	NS	NS	5800	910	<21.5	253	7500	1068	4260
G-9-W	02/06/17	NS	NS	1790	890	<21.5	246	3500	957	3600
G-10-W	02/06/17	NS	NS	1.75	2.76	<0.43	<1.7	4.4	7.41	14.4
G-11-W	02/06/17	NS	NS	1.85	0.61	<0.43	<1.7	4.0	1.35-1.93	2.71
G-12-W	02/06/17	NS	NS	<1.35	<2.8	<2.15	<8.5	<1.65	<5.7	<8.55
G-13-W	02/06/17	NS	NS	4.1	19.6	<0.43	<1.7	18.3	8.36	39.6
G-14-W	02/07/17	NS	NS	0.88	<0.56	<0.43	<1.7	0.94	<1.14	<1.71
G-15-W	02/07/17	NS	NS	5.7	3.8	<2.15	<8.5	14.9	20.8	13.9
G-16-W	02/07/17	NS	NS	<1.35	<2.8	<2.15	<8.5	<1.65	<5.7	<8.55
G-17-W	02/07/17	NS	NS	3050	3800	<21.5	610	17900	3170	15800
ENFORCE MENT STANDARD ES = Bold		15	-	5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT PAL = Italics		<i>1.5</i>	-	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

NS = Not Sampled

(ppb) = parts per billion

(ppm) = parts per million

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

A.2 Soil Analytical Results Table
Auto Repair on Vliet BRRTS #03-41-286924

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Cadmium (ppm)	Benzene (ppm)	1,2-Dichloroethane (ppm)	Ethylbenzene (ppm)	MTBE (ppm)	Naphthalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT - PVOC & PAH & Lead			
																			Exceedance Count	Hazard Index	Cumulative Cancer Risk	
B1	0-2	U	08/17/01	BDL	327	NS	NS	NS	4.7	NS	NS	NS	NS	21	NS	NS	NS	NS	NS	2	0.8762	5.6E-06
B1	4-6	U	08/17/01	BDL	NS	973	NS	<0.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	0.2306	2.7E-06
B2	0-2	U	08/17/01	BDL	87	28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	0.2480	1.8E-06
B2	4-6	U	08/17/01	BDL	NS	31	NS	<0.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
B3	0-2	U	08/17/01	BDL	96	25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	0.2480	1.8E-06
B3	4-6	U	08/17/01	BDL	NS	95	NS	<0.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
G-1-1	2.0	U	02/06/17	4.6	NOT SAMPLED													NS	0			
G-2-1	2.0	U	02/06/17	850.0	441.00	NS	NS	NS	<0.03	<0.038	0.38	<0.05	0.75	0.33	3.20	1.29	2.72	NS	NS	1	1.1226	1.8E-07
G-3-1	3.5	U	02/06/17	102.0	10.40	NS	NS	NS	<0.3	<0.38	5.80	<0.5	14.40	1.32	49.00	17.90	23.40	NS	NS	1	0.2953	3.3E-06
G-3-2	7.0	U	02/06/17	822.0	NOT SAMPLED													NS				
G-3-3	10.0	U	02/06/17	470.0	5.55	NS	NS	NS	16.80	<1.9	128.00	<2.5	65.00	230.00	312*	110.00	632*	SEE VOC SHEET	NS			
G-4-1	3.5	U	02/06/17	5.0	6.28	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	NS	0	0.0019	9.9E-08
G-4-2	8.0	U	02/06/17	5.0	NOT SAMPLED													NS				
G-4-3	11.5	U	02/06/17	11.7	NS	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	NS			
G-4-4	14.0	S	02/06/17	178.0	NOT SAMPLED													NS				
G-5-1	3.5	U	02/06/17	1.6	3.07	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	NS	0	0.0019	9.9E-08
G-5-2	8.0	U	02/06/17	1.1	NOT SAMPLED													NS				
G-5-3	10.0	U	02/06/17	1.3	NS	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	NS			
G-5-4	16.0	S	02/06/17	1.7	NOT SAMPLED													NS				
G-6-1	3.5	U	02/06/17	1.1	4.68	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	NS	0	0.0019	9.9E-08
G-6-2	8.0	U	02/06/17	734.0	NS	NS	NS	NS	0.53	<0.38	65.00	<0.5	23.60	15.30	136.00	48.00	177.00	NS	NS			
G-6-3	12.0	U	02/06/17	275.0	NOT SAMPLED													NS				
G-6-4	16.0	S	02/06/17	519.0	NS	NS	NS	NS	3.50	<0.38	2.18	<0.5	3.60	8.20	3.60	1.36	9.14	NS	NS			
G-7-1	3.5	U	02/06/17	37.0	3.53	NS	NS	NS	<0.05	<0.094	<0.05	<0.094	<0.05	<0.094	<0.05	<0.094	<0.05	NS	NS	0	0.034	1.9E-07
G-7-2	8.0	U	02/06/17	688.0	NOT SAMPLED													NS				
G-7-3	10.0	U	02/06/17	166.0	NS	NS	NS	NS	26.30	<0.76	105.00	<1	34.00	226.00	138.00	49.00	397*	NS	NS			
G-7-4	16.0	S	02/06/17	92.0	NOT SAMPLED													NS				
G-8-1	3.5	U	02/06/17	8.4	11.50	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	NS	0	0.0019	9.9E-08
G-8-2	8.0	U	02/06/17	5.8	NOT SAMPLED													NS				
G-8-3	11.0	U	02/06/17	809.0	NS	NS	NS	NS	7.60	<0.76	72.00	<1	49.00	98.00	196.00	67.00	383*	NS	NS			
G-8-4	16.0	S	02/06/17	131.0	NOT SAMPLED													NS				
G-9-1	3.5	U	02/06/17	5.2	NOT SAMPLED													NS				
G-9-2	8.0	U	02/06/17	35.0	NOT SAMPLED													NS				
G-9-3	10.0	U	02/06/17	649.0	NS	NS	NS	NS	7.00	<0.76	59.00	<1	42.00	56.00	120.00	46.00	212.00	NS	NS			
G-9-4	16.0	S	02/06/17	56.0	NOT SAMPLED													NS				
G-10-1	3.5	U	02/06/17	136.0	256.00	NS	NS	NS	<0.03	<0.038	0.041	<0.05	<0.094	0.038	0.098	0.035	0.099-0.143	NS	NS	0	0.6422	1.0E-07
G-10-2	8.0	U	02/06/17	7.2	NOT SAMPLED													NS				
G-10-3	11.0	S	02/06/17	5.1	NS	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	NS			
G-10-4	16.0	S	02/06/17	4.4	NOT SAMPLED													NS				
G-11-1	3.5	U	02/06/17	4.2	NOT SAMPLED													NS				
G-11-2	8.0	U	02/06/17	4.0	NOT SAMPLED													NS				
G-11-3	12.0	U	02/06/17	4.1	NOT SAMPLED													NS				
G-11-4	14.0	S	02/06/17	3.0	NOT SAMPLED													NS				
G-12-1	3.5	U	02/06/17	2.7	NOT SAMPLED													NS				
G-12-2	8.0	U	02/06/17	3.0	NOT SAMPLED													NS				
G-12-3	12.0	U	02/06/17	3.0	NOT SAMPLED													NS				
G-13-1	3.5	U	02/06/17	2.7	NOT SAMPLED													NS				
G-13-2	8.0	U	02/06/17	2.4	NOT SAMPLED													NS				
G-13-3	12.0	U	02/06/17	2.7	NOT SAMPLED													NS				
G-14-1	3.5	U	02/07/17	1.0	NOT SAMPLED													NS				
G-14-2	8.0	U	02/07/17	1.3	NOT SAMPLED													NS				
G-14-3	12.0	U	02/07/17	1.4	NOT SAMPLED													NS				
G-15-1	3.5	U	02/07/17	1.9	NOT SAMPLED													NS				
G-15-2	8.0	U	02/07/17	1.9	NOT SAMPLED													NS				
G-15-3	11.5	S	02/07/17	482.0	NS	NS	NS	NS	<0.15	<0.19	0.57	<0.25	1.44	<0.16	20.70	10.80	1.40	NS	NS			
G-15-4	16.0	S	02/07/17	2.8	NOT SAMPLED													NS				
G-16-1	3.5	U	02/07/17	1.2	NOT SAMPLED													NS				
G-16-2	8.0	U	02/07/17	1.5	NOT SAMPLED													NS				
G-16-3	12.0	S	02/07/17	1.6	NOT SAMPLED													NS				
G-16-4	16.0	S	02/07/17	1.5	NOT SAMPLED													NS				
G-17-1	3.5	U	02/07/17	115.0	24.30	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	0.43	0.16	0.43	NS	NS	0	0.0039	9.9E-08
G-17-2	8.0	U	02/07/17	10.0	NS	NS	NS	NS	<0.03	<0.038	<0.035	<0.05	<0.094	<0.032	<0.025	<0.032	<0.116	NS	NS			
G-17-3	12.0	U	02/07/17	149.0	NS	NS	NS	NS	<0.3	<0.38	<0.35	<0.5	1.85	<0.32	79.00	87.00	7.50	NS	NS			
Groundwater RCL					27	-	-	0.752	0.0051	0.0028	1.57	0.027	0.6582	1.1072	1.3787		3.96	-	-			
Non-Industrial Direct Contact RCL					400	-	-	71.1	1.6	0.652	8.02	63.8	5.52	818	219	182	260	-	-	1.00E+00	1.00E-05	
Industrial Direct Contact RCL					(800)	-	-	(0.985)	(7.07)	(2.87)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-	-	1.00E+00	1.00E-05	
Soil Saturation Concentration (C-sat)*					-	-	-	-	1820*	540*	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
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

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
Auto Repair on Vliet BRRTS #03-41-286924

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Cadmium (ppm)	Benzene (ppm)	1,2-Dichloroethane (ppm)	Ethylbenzene (ppm)	MTBE (ppm)	Naphthalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT - PVOC & PAH & Lead					
																			Exeedance Count	Hazard Index	Cumulative Cancer Risk			
MW-7-1	3.5	U	09/10/19	6.3	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0					
MW-7-2	8.0	U	09/10/19	6.9	NS	NS	NS	NS	<0.025	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS						
MW-7-3	12.0	S	09/10/19	398.0	NS	NS	NS	NS	NOT SAMPLED													NS		
MW-7-4	16.0	S	09/10/19	15.1	NS	NS	NS	NS	NOT SAMPLED													NS		
Groundwater RCL					27	-	-	0.752	0.0051	0.0028	1.57	0.027	0.6582	1.1072	1.3787		3.96	-						
Non-Industrial Direct Contact RCL					400	-	-	71.1	1.6	0.652	8.02	63.8	5.52	818	219	182	260	-		1.00E+00	1.00E-05			
Industrial Direct Contact RCL					(800)	-	-	(0.985)	(7.07)	(2.87)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-		1.00E+00	1.00E-05			
Soil Saturation Concentration (C-sat)*					-	-	-	-	1820*	540*	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

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

PID = Photoionization Detector

PVOC's = Petroleum Volatile Organic Compounds

VOC's = Volatile Organic Compounds

Note: Non-Industrial RCLs apply to this site.

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
(PAH)
Auto Repair on Vliet BRRTS #03-41-286924

Sample	Depth (feet)	Saturation U/S	Date	Acenaph-thene (ppm)	Acenaph-thylene (ppm)	Anthracene (ppm)	Benzo(a)anthracene (ppm)	Benzo(a)pyrene (ppm)	Benzo(b)fluoranthene (ppm)	Benzo(g,h,i)perylene (ppm)	Benzo(k)fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h)anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd)pyrene (ppm)	1-Methyl-naphthalene (ppm)	2-Methyl-naphthalene (ppm)	Naphthalene (ppm)	Phenanthrene (ppm)	Pyrene (ppm)	DIRECT CONTACT - PVOC & PAH			
																						Exceedance Count	Hazard Index	Cumulative Cancer Risk	
B-1	0-2	U	08/17/01	NS	NS	0.135	0.247	0.174	0.0298	0.116	0.277	0.24	NS	0.467	0.058	0.99	NS	NS	NS	0.559	0.549	2	0.8762	5.6E-06	
B-2	0-2	U	08/17/01	NS	NS	NS	0.218	0.225	0.424	0.234	0.397	0.28	NS	0.369	NS	0.182	NS	NS	NS	0.148	0.469	1	0.2306	2.7E-06	
B-3	0-2	U	08/17/01	NS	NS	NS	0.179	0.136	0.318	0.173	0.297	0.209	NS	0.356	NS	0.14	NS	NS	NS	0.156	0.404	1	0.2480	1.8E-06	
Groundwater RCL				---	---	196.9492	---	0.47	0.4781	---	---	0.1442	---	88.8778	14.8299	---	---	---	0.6582	---	54.5455				
Non-Industrial Direct Contact RCL				3590	---	17900	1.14	0.115	1.15	---	11.5	115	0.115	2390	2390	1.15	17.6	239	5.52	---	1790		1.00E+00	1.00E-05	
Industrial Direct Contact RCL				(45200)	---	(100000)	(20.8)	(2.11)	(21.1)	---	(211)	(2110)	(2.11)	(30100)	(30100)	(21.1)	(72.7)	(3010)	(24.1)	---	(22600)				
Soil Saturation Concentration (C-sat)*				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			

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
 PAH = Polynuclear Aromatic Hydrocarbons
 PID = Photoionization Detector
 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)

A.2 Soil Analytical Results Table
 Auto Repair on Vilet BRRS #03-41-286924

Sampling Conducted on February 2, 2016

VOC's	Sample ID#	Sample Depth/ft.	Solids Percent	Groundwater		Soil	
				RCL	Contact RCL	Contact RCL	Saturation (C-sat) RCL
	G-3-3	10	84.2				
Benzene/ppm	16.8 "J"			0.0051	<u>1.6</u>	(7.07)	1820*
Bromobenzene/ppm	< 1.25			==	<u>342</u>	(679)	==
Bromodichloromethane/ppm	< 3.7			0.0003	<u>0.418</u>	(1.83)	==
Bromoform/ppm	< 1.45			0.0023	<u>25.4</u>	(113)	==
tert-Butylbenzene/ppm	< 1.3			==	<u>183</u>	(183)	183*
sec-Butylbenzene/ppm	8.1			==	<u>145</u>	(145)	145*
n-Butylbenzene/ppm	38			==	<u>108</u>	(108)	108*
Carbon Tetrachloride/ppm	< 0.8			0.0039	<u>0.916</u>	(4.03)	==
Chlorobenzene/ppm	< 0.65			==	<u>370</u>	(761)	761*
Chloroethane/ppm	< 4.55			0.2266	==	==	==
Chloroform/ppm	< 1.75			0.0033	<u>0.454</u>	(1.98)	==
Chloromethane/ppm	< 3.8			0.0155	<u>159</u>	(669)	==
2-Chlorotoluene/ppm	< 0.75			==	<u>907</u>	(907)	907*
4-Chlorotoluene/ppm	< 0.9			==	<u>253</u>	(253)	253*
1,2-Dibromo-3-chloropropane/ppm	< 2.9			0.0002	<u>0.008</u>	(0.092)	==
Dibromochloromethane/ppm	< 1.25			0.032	<u>8.28</u>	(38.9)	==
1,4-Dichlorobenzene/ppm	< 1.85			0.144	<u>3.74</u>	(16.4)	==
1,3-Dichlorobenzene/ppm	< 1.85			1.1528	<u>297</u>	(297)	297*
1,2-Dichlorobenzene/ppm	< 1.4			1.168	<u>376</u>	(376)	376*
Dichlorodifluoromethane/ppm	< 2.4			3.0863	<u>126</u>	(530)	==
1,2-Dichloroethane/ppm	< 1.9			0.0028	<u>0.652</u>	(2.87)	540*
1,1-Dichloroethane/ppm	< 1.7			0.4834	<u>5.06</u>	(22.2)	==
1,1-Dichloroethene/ppm	< 1.1			0.005	<u>320</u>	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 1.6			0.0412	<u>156</u>	(2340)	==
trans-1,2-Dichloroethene/ppm	< 1.4			0.0626	<u>1560</u>	(1850)	==
1,2-Dichloropropane/ppm	< 1.75			0.0033	<u>3.4</u>	(15)	==
2,2-Dichloropropane/ppm	< 1.85			==	<u>191</u>	191	191*
1,3-Dichloropropane/ppm	< 1.25			==	<u>1490</u>	(1490)	1490*
Di-isopropyl ether/ppm	< 0.5			==	<u>2260</u>	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 1.15			0.0000282	<u>0.05</u>	(0.221)	==
Ethylbenzene/ppm	128			1.57	<u>8.02</u>	(35.4)	480*
Hexachlorobutadiene/ppm	< 4.25			==	<u>1.63</u>	(7.19)	==
Isopropylbenzene/ppm	19.3			==	==	==	==
p-Isopropyltoluene/ppm	8.4			==	<u>162</u>	(162)	162*
Methylene chloride/ppm	< 7.5			0.0026	<u>61.8</u>	(1150)	==
Methyl tert-butyl ether (MTBE)/ppm	< 2.5			0.027	<u>63.8</u>	(282)	8870*
Naphthalene/ppm	65			0.6582	<u>5.52</u>	(24.1)	==
n-Propylbenzene/ppm	43			==	==	==	==
1,1,2,2-Tetrachloroethane/ppm	< 1.4			0.0002	<u>0.81</u>	(3.6)	==
1,1,1,2-Tetrachloroethane/ppm	< 1.4			0.0534	<u>2.78</u>	(12.3)	==
Tetrachloroethene (PCE)/ppm	< 1.6			0.0045	<u>33</u>	(145)	==
Toluene/ppm	230			1.1072	<u>818</u>	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 3.2			0.408	<u>24</u>	(113)	==
1,2,3-Trichlorobenzene/ppm	< 3.3			==	<u>62.6</u>	(934)	==
1,1,1-Trichloroethane/ppm	< 1.5			0.1402	<u>640</u>	(640)	640*
1,1,2-Trichloroethane/ppm	< 1.65			0.0032	<u>1.59</u>	(7.01)	==
Trichloroethene (TCE)/ppm	< 2.05			0.0036	<u>1.3</u>	(8.41)	==
Trichlorofluoromethane/ppm	< 2.05			4.4775	<u>1230</u>	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	312*			1.3787	<u>219</u>	(219)	219*
1,3,5-Trimethylbenzene/ppm	110			==	<u>182</u>	(182)	182*
Vinyl Chloride/ppm	< 0.95			0.0001	<u>0.067</u>	(2.08)	==
m&p-Xylene/ppm	450*			3.96	<u>260</u>	(260)	260*
o-Xylene/ppm	162						

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 Analytical Results Table
Auto Repair on Viet BRRTS #03-41-286924

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Cadmium (ppm)	Benzene (ppm)	1,2-Dichloroethane (ppm)	Ethylbenzene (ppm)	MTBE (ppm)	Naphthalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT - PVOC & PAH		
																			Exceedance Count	Hazard Index	Cumulative Cancer Risk
B2	0-2	U	08/17/01	BDL	87	28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	0.2306	2.7E-06
B3	0-2	U	08/17/01	BDL	96	25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	0.2480	1.8E-06
G-6-4	16.0	S	02/06/17	519.0	NS	NS	NS	NS	3.50	<0.38	2.18	<0.5	3.60	8.20	3.60	1.36	9.14	NS			
G-10-1	3.5	U	02/06/17	136.0	256.00	NS	NS	NS	<0.03	<0.038	0.041	<0.05	<0.094	0.038	0.098	0.035	0.099-0.143	NS	0	0.6422	1.0E-07
G-15-3	11.5	S	02/07/17	482.0	NS	NS	NS	NS	<0.15	<0.19	0.57	<0.25	1.44	<0.16	20.70	10.80	1.40	NS			
EX-2	9.0	U	10/08/18	110.0	NS	NS	NS	NS	0.081	NS	5.6	<0.025	5.7	5.0	10.8	4.0	22.9	NS			
EX-5	15.0	S	10/08/18	5.0	NS	NS	NS	NS	5.80	NS	0.121	<0.025	0.109	5.9	0.049	0.0263	0.334	NS			
EX-8	15.0	S	10/08/18	15.0	NS	NS	NS	NS	1.89	NS	1.68	<0.025	1.27	4.90	2.3	0.80	7.69	NS			
EX-10	9.0	U	10/08/18	125.0	NS	NS	NS	NS	0.92	NS	8.0	<0.025	4.10	12.8	12.4	5.7	30.2	NS			
EX-15	9.0	U	10/08/18	95.0	NS	NS	NS	NS	<1.25	NS	30.3	<1.25	29.9	23.4	53	45	122	NS			
EX-18	15.0	S	10/08/18	70.0	NS	NS	NS	NS	6.7	NS	23.4	<1.25	16.8	36	30.4	20.4	84.7	NS			
EX-21	15.0	S	10/08/18	45.0	NS	NS	NS	NS	2.37	NS	2.05	<0.025	0.038	7.6	<0.025	<0.025	6.77	NS			
Groundwater RCL					27	-	-	0.752	0.0051	0.0028	1.57	0.027	0.6582	1.1072	1.3787		3.96	-			
Non-Industrial Direct Contact RCL					400	-	-	71.1	1.6	0.652	8.02	63.8	5.52	818	219	182	260	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					(800)	-	-	(0.985)	(7.07)	(2.87)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	-	1820*	540*	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

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

PID = Photoionization Detector

PVOC's = Petroleum Volatile Organic Compounds

VOC's = Volatile Organic Compounds

Note: Non-Industrial RCLs apply to this site.

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

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

A.3. Residual Soil Analytical Results Table
(cPAH)
Auto Repair on Vliet BRRTS #03-41-286924

Sample	Depth (feet)	Saturation U/S	Date	Acenaphthene (ppm)	Acenaphthylene (ppm)	Anthracene (ppm)	Benzo(a)anthracene (ppm)	Benzo(a)pyrene (ppm)	Benzo(b)fluoranthene (ppm)	Benzo(g,h,i)perylene (ppm)	Benzo(k)fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h)anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd)pyrene (ppm)	1-Methylnaphthalene (ppm)	2-Methylnaphthalene (ppm)	Naphthalene (ppm)	Phenanthrene (ppm)	Pyrene (ppm)	DIRECT CONTACT	
																						(Cumulative) cPAH Cancer Risk	Cumulative Hazard Index
B-2	0-2	U	08/17/01	NS	NS	NS	0.218	0.225	0.424	0.234	0.397	0.28	NS	0.369	NS	0.182	NS	NS	NS	0.148	0.469	2.7E-06**	0.0131
B-3	0-2	U	08/17/01	NS	NS	NS	0.179	0.136	0.318	0.173	0.297	0.209	NS	0.356	NS	0.14	NS	NS	NS	0.156	0.404	1.8E-06**	0.008
Groundwater RCL				---	---	196.9492	---	0.47	0.4781	---	---	0.1442	---	88.8778	14.8299	---	---	---	0.6582	---	54.5455		
Non-Industrial Direct Contact RCL				3590	---	17900	1.14	0.115	1.15	---	11.5	115	0.115	2390	2390	1.15	17.6	239	5.52	---	1790	5.00E-06	1.00E+00
Industrial Direct Contact RCL				(45200)	---	(100000)	(20.8)	(2.11)	(21.1)	---	(211)	(2110)	(2.11)	(30100)	(30100)	(21.1)	(72.7)	(3010)	(24.1)	---	(22600)		
Soil Saturation Concentration (C-sat)*				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		

Bold = Groundwater RCL Exceedance

Bold & Underline = Direct Contact RCL Exceedance

(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance

Bold & Asteric * = C-sat Exceedance

NS = Not Sampled

(ppm) = parts per million

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

PID = Photoionization Detector

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)

** = Direct Contact Fall-Out Due to cPAH Calculator

A.4 Vapor Analytical Table
 Sub-Slab Sampling Data Table for Auto Repair on Vliet
 BY METCO

Sub-Slab Sampling conducted on:	1/7/2020	1/7/2020	2/24/2020	WDNR	WDNR
				Residential Sub-Slab Vapor Action Levels for Various VOCs Quick Look-Up Table Updated November, 2017 (ug/m ³)	Small Commercial Sub-Slab Vapor Action Levels for Various VOCs Quick Look-Up Table Updated November, 2017 (ug/m ³)
Sample ID	SSVS-1	SSVS-2	SSVS-2		

Benzene – ug/m ³	0.69	314	15.3	120	530	c
Carbon Tetrachloride – ug/m ³	NS	NS	NS	160	670	c
Chloroform – ug/m ³	NS	NS	NS	40	180	c
Chloromethane – ug/m ³	NS	NS	NS	3100	13000	n
Dichlorodifluoromethane – ug/m ³	NS	NS	NS	3300	15000	n
1,1-Dichloroethane (1,1-DCA) – ug/m ³	NS	NS	NS	600	2600	c
1,2-Dichloroethane (1,2-DCA) – ug/m ³	NS	NS	NS	37	160	c
1,1-Dichloroethylene (1,1-DCE) – ug/m ³	NS	NS	NS	7000	29000	n
1,2-Dichloroethylene (cis and trans) – ug/m ³	NS	NS	NS	NA	NA	-
Ethylbenzene – ug/m ³	<0.42	2010	25.1	370	1600	c
Methylene chloride – ug/m ³	NS	NS	NS	21000	87000	n
Methyl Tert-Butyl Ether (MTBE) – ug/m ³	<0.92	<244	<3.2	3700	16000	c
Naphthalene – ug/m ³	<1.8	<483	<13.5	28	120	c
Tetrachloroethylene -ug/m ³	NS	NS	NS	1400	6000	n
Toluene – ug/m ³	2.2	1010	45	170000	730000	n
1,1,1-Trichloroethane – ug/m ³	NS	NS	NS	170000	730000	n
Trichloroethylene – ug/m ³	NS	NS	NS	70	290	n
Trichlorofluoromethane (Halcarbon 11) – ug/m ³	NS	NS	NS	NA	NA	-
Trimethylbenzene (1,2,4) – ug/m ³	1.4	1010	81	2100	8700	n
Trimethylbenzene (1,3,5) – ug/m ³	<0.55	549	46	2100	8700	n
Vinyl chloride – ug/m ³	NS	NS	NS	57	930	c
Xylene (total) -ug/m ³	<1.45	3110	86	3300	15000	n

ug/m³ = Micrograms per cubic meter.

< = Less than the reporting limit indicated in parentheses.

Bold = Sub-Slab Standard Exceedance

NS = Not sampled

c = Carcinogen

n = Non Carcinogen

J = between Limit of Detection (LOD) and Limit of Quantitation (LOQ)

* Please note that other VOCs were detected that are not on the WDNR Sub-Slab Vapor Action Levels Quick Look-Up Table.

B = Compound was found in the blank and sample

E = Result exceeded calibration range

- = Inhalation toxicity values are not available from U.S. EPA

Please note that the dilution factor (DF) for sample **SSVS-2** was 368.6 times thus giving elevated Limits of Detection (LOD) for the PVOC and Naphthalene compounds. This was due to elevated levels of the tentatively identified Compounds below:

	1/7/2020	
Isobutane	25500J	ppbv
Butane	63700J	ppbv
Pentane	59900J	ppbv
Pentane, 2-methyl-	72000J	ppbv
Pentane, 3-methyl-	35600J	ppbv
Cyclopentane, methyl-	39200J	ppbv
Pentane, 2,3,4-trimethyl	61.3J	ppbv
1-Hexanol 3,-methyl-	19000J	ppbv
Cyclopentane 1,2,3-trim	309J	ppbv
Hexane, 2,3-dimethyl-	279J	ppbv
Cyclohexane, 1,3-dimethyl	2500J	ppbv

A.6 Water Level Elevations
Auto Repair on Vliet BRRTS #03-41-286924
Milwaukee, Wisconsin

	MW-1	MW-1R	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
Ground Surface (feet msl)	681.35	681.54	683.07	682.79	680.70	679.96	680.66	681.32
PVC top (feet msl)	680.67	681.12	682.54	682.35	680.05	679.45	680.20	681.03
Well Depth (feet)	17.00	17.00	16.00	17.00	17.00	17.00	17.00	15.00
Top of screen (feet msl)	674.35	674.54	677.07	675.79	673.70	672.96	673.66	676.32
Bottom of screen (feet msl)	664.35	664.54	667.07	665.79	663.70	662.96	663.66	666.32
Depth to Water From Top of PVC (feet)								
05/10/17	12.55	NI	8.30	9.06	11.16	11.69	NI	NI
12/18/18	A	12.72	9.53	10.30	11.51	11.70	11.89	NI
03/13/19	A	12.35	9.78	10.21	11.21	11.65	11.51	NI
10/08/19	A	12.20	9.04	9.63	11.23	11.64	11.64	10.65
01/07/20	A	12.59	9.21	10.14	11.52	11.71	11.88	11.10
Depth to Water From Ground Surface (feet)								
05/10/17	13.23	NI	8.83	9.50	11.81	12.20	NI	NI
12/18/18	A	13.14	10.06	10.74	12.16	12.21	12.35	NI
03/13/19	A	12.77	10.31	10.65	11.86	12.16	11.97	NI
10/08/19	A	12.62	9.57	10.07	11.88	12.15	12.10	10.94
01/07/20	A	13.01	9.74	10.58	12.17	12.22	12.34	11.39
Groundwater Elevation (feet msl)								
05/10/17	668.12	NI	674.24	673.29	668.89	667.76	NI	NI
12/18/18	A	668.40	673.01	672.05	668.54	667.75	668.31	NI
03/13/19	A	668.77	672.76	672.14	668.84	667.80	668.69	NI
10/08/19	A	668.92	673.50	672.72	668.82	667.81	668.56	670.38
01/07/20	A	668.53	673.33	672.21	668.53	667.74	668.32	669.93

CNL = Could Not Locate

A = Abandoned and removed during soil excavation project

NI = Not Installed

A.7 Other
Groundwater NA Indicator Results
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-1/1R

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
05/10/17	0.96	6.84	34.00	10.50	1027.00	NS	NS	NS	NS
10/08/18	MW-1 ABANDONED/REMOVED DURING EXCAVATION PROJECT								
11/06/18	MW-1 REPLACED WITH MW-1R								
12/18/18	0.88	7.01	44.80	13.50	981.00	NS	NS	NS	NS
03/13/19	3.30	7.48	-178.4	8.64	1512.00	NS	NS	NS	NS
10/08/19	0.12	7.19	-128.1	15.40	2786.00	NS	NS	NS	NS
01/07/20	1.61	6.83	-148.0	11.19	2395.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	250	0.3	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	<i>125</i>	<i>0.15</i>	<i>60</i>

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

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
05/10/17	0.61	7.35	241.00	11.20	748.00	NS	NS	NS	NS
12/18/18	0.97	7.42	248.50	13.31	869.00	NS	NS	NS	NS
03/13/19	3.29	6.96	-97.1	8.58	810.00	NS	NS	NS	NS
10/08/19	NOT SAMPLED								
01/07/20	NOT SAMPLED								
ENFORCE MENT STANDARD = ES – Bold						10	250	0.3	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	<i>125</i>	<i>0.15</i>	<i>60</i>

(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)	Manganese (ppb)
05/10/17	2.92	7.28	284.00	12.80	595.00	NS	NS	NS	NS
12/18/18	1.40	7.32	287.00	13.56	430.00	NS	NS	NS	NS
03/13/19	NOT SAMPLED								
10/08/19	NOT SAMPLED								
01/07/20	NOT SAMPLED								
ENFORCE MENT STANDARD = ES – Bold						10	250	0.3	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	<i>125</i>	<i>0.15</i>	<i>60</i>

(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
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
05/10/17	1.22	7.43	262.00	12.60	582.00	NS	NS	NS	NS
12/18/18	1.22	7.24	292.10	14.07	616.00	NS	NS	NS	NS
03/13/19	NOT SAMPLED					NS	NS	NS	NS
10/08/19	NOT SAMPLED								
01/07/20	NOT SAMPLED								
ENFORCE MENT STANDARD = ES – Bold						10	250	0.3	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	<i>125</i>	<i>0.15</i>	<i>60</i>

(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)	Manganese (ppb)
05/10/17	1.33	7.46	235.00	13.90	1744.00	NS	NS	NS	NS
12/18/18	1.30	7.38	231.60	12.70	1253.00	NS	NS	NS	NS
03/13/19	NOT SAMPLED					NS	NS	NS	NS
10/08/19	NOT SAMPLED								
01/07/20	NOT SAMPLED								
ENFORCE MENT STANDARD = ES – Bold						10	250	0.3	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	<i>125</i>	<i>0.15</i>	<i>60</i>

(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)	Manganese (ppb)
12/18/18	0.94	7.29	140.00	13.75	1147.00	NS	NS	NS	NS
03/13/19	3.27	7.37	-227.8	8.94	1579.00	NS	NS	NS	NS
10/08/19	0.30	7.25	135.20	15.44	1201.00	NS	NS	NS	NS
01/07/20	1.48	6.83	-116.6	12.71	1826.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES – Bold						10	250	0.3	300
PREVENTIVE ACTION LIMIT = <i>PAL - Italics</i>						<i>2</i>	<i>125</i>	<i>0.15</i>	<i>60</i>

(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
Auto Repair on Vliet BRRTS #03-41-286924

Well MW-7

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
10/08/19	1.12	7.10	40.70	15.97	4847.00	NS	NS	NS	NS
01/07/20	5.03	7.04	261.60	11.49	1004.00	NS	NS	NS	NS
ENFORCE MENT STANDARD = ES - Bold						10	250	0.3	300
PREVENTIVE ACTION LIMIT = PAL - Italics						2	125	0.15	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
Slug Test Calculations
Auto Repair on Vliet**

MW-1

	ft/s	cm/s	m/yr
K	1.20E-05	3.66E-04	115.35
	sq ft/s	sq cm/s	
T	5.44E-05	5.05E-02	

MW-2

	ft/s	cm/s	m/yr
K	3.79E-05	1.16E-03	364.30
	sq ft/s	sq cm/s	
T	2.17E-04	2.02E-01	

MW-5

	ft/s	cm/s	m/yr
K	1.60E-05	4.88E-04	153.79
	sq ft/s	sq cm/s	
T	8.66E-05	8.04E-02	

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (l)
5/10/2017	674.00	668.00	121	0.0495868
12/18/2018	672.00	668.00	132	0.0303030
3/13/2019	672.00	669.00	60	0.0500000
10/8/2019	673.00	668.00	120	0.0416667
1/7/2020	672.00	668.00	121	0.0330579

Average 0.0409229

	K (m/yr)	l	n	Flow Velocity (m/yr)
MW-1	115.35	0.0409229	0.3	15.73486
MW-2	364.3	0.0409229	0.3	49.69404
MW-5	153.79	0.0409229	0.3	20.97844

A.7 Other

Auto Repair on Vliet

Free Product Recovery -- By METCO

DATE		MW-1	GALS REC./PERIOD	TOT GALS RECOVERED
02/16/17	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	3 No Sock 0.262	0.26	0.26
05/10/17	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	36 No Sock 4.79	4.79	5.05
05/11/17	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	8 No Sock 0.497	0.50	5.55

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 Map

B.3.a.2 Geologic Cross-Section Map (Close Up)

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

B.3.b Groundwater Isoconcentration

B.3.c Groundwater Flow Direction

B.3.d Monitoring Wells

B.4 Vapor Maps and Other Media

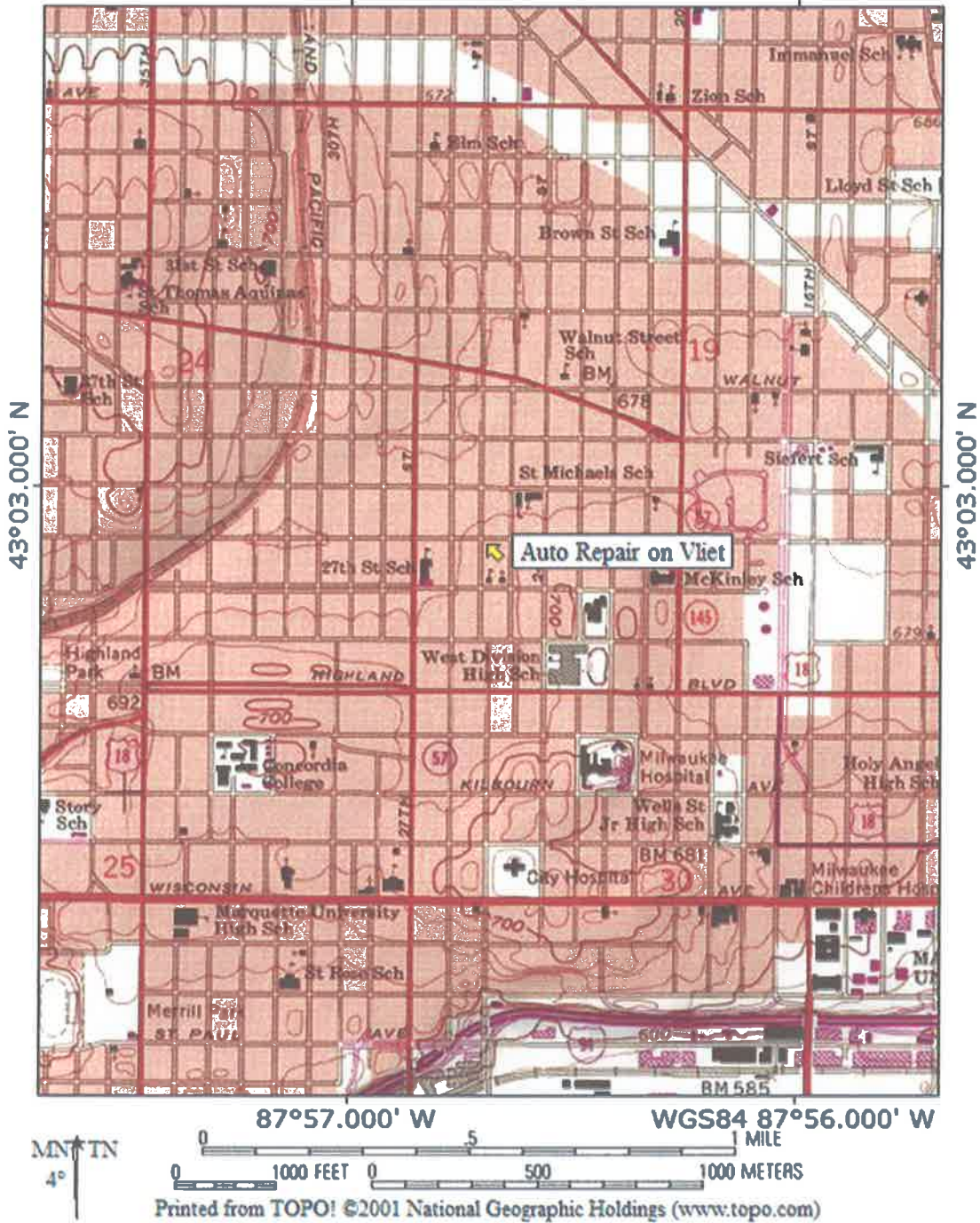
B.4.a Vapor Intrusion Map

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.

TOPO! map printed on 08/24/16 from "Wisconsin.tpo" and "Untitled.tpg"
87°57.000' W WGS84 87°56.000' W



B.1.a LOCATION MAP
CONTOUR INTERVAL 10 FEET
AUTO REPAIR ON VLIET – MILWAUKEE, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

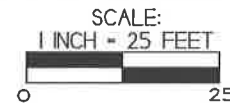
B.I.b
DETAILED SITE MAP
AUTO REPAIR ON VLIET



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 Fax: (608) 781-8893

**MILWAUKEE,
 WISCONSIN**

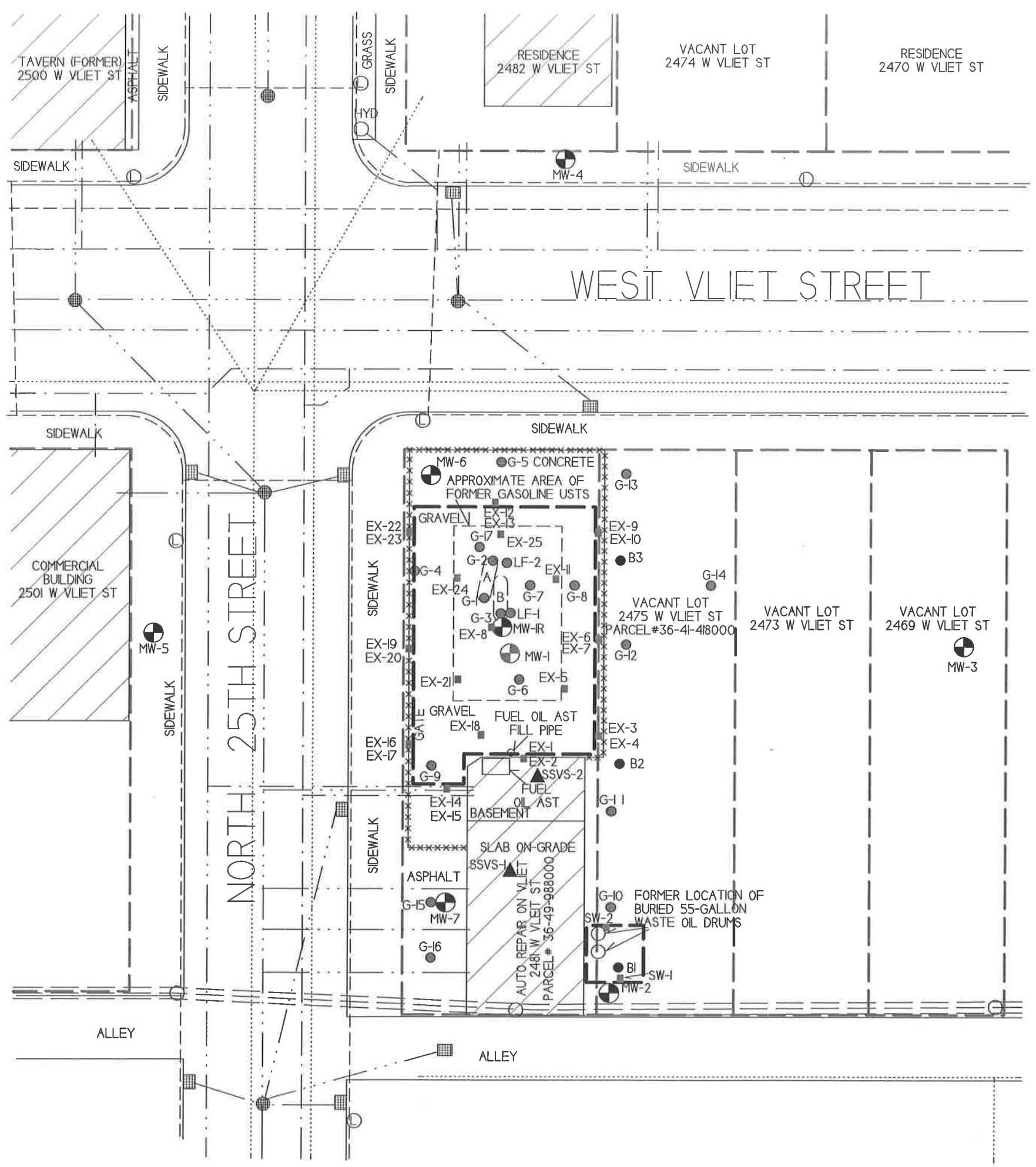
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 DATE: 8/24/16



NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

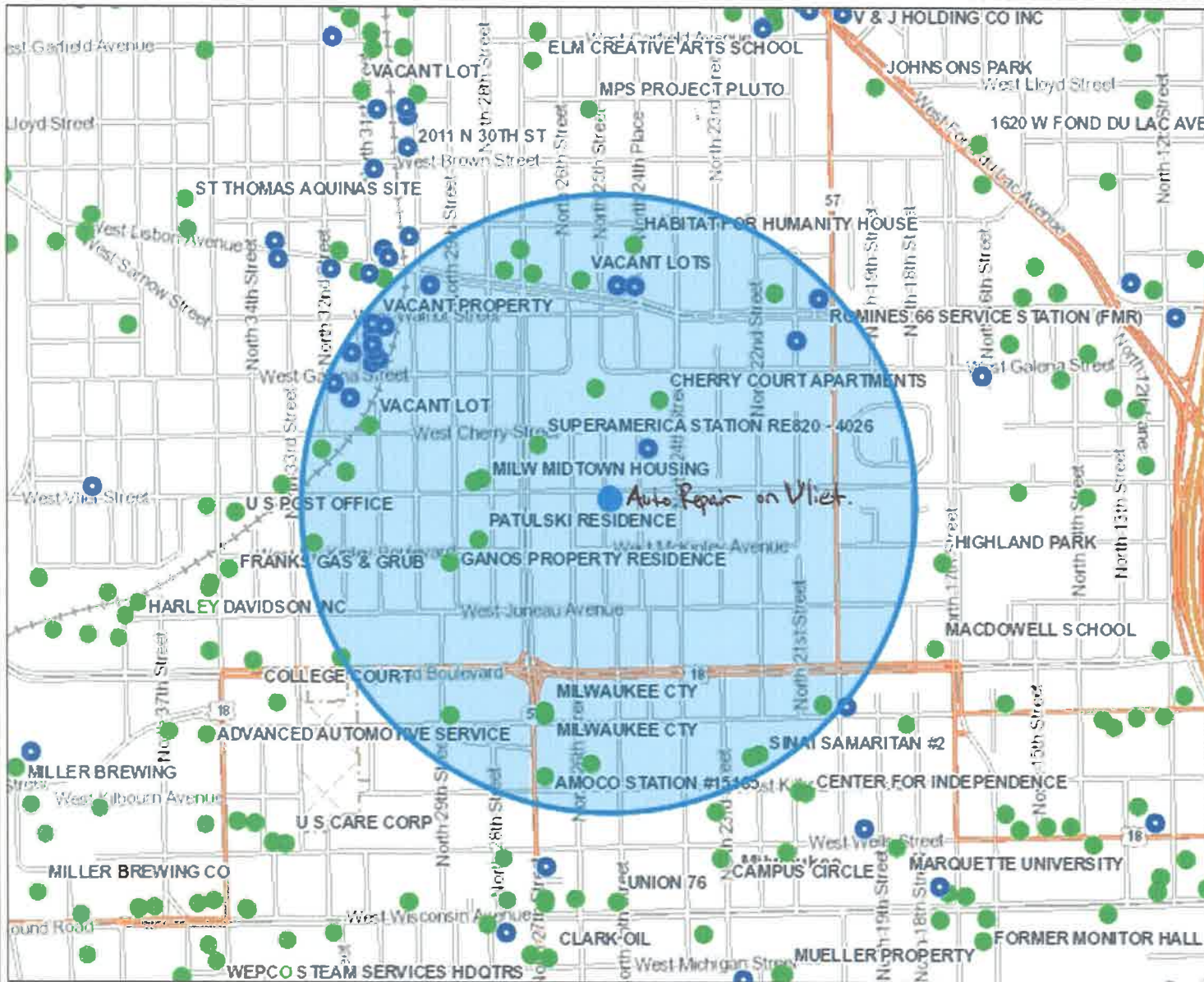
- A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
- B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

- - UTILITY POLE
- ⊙ - STREET LIGHT
- - SEWER MAN HOLE
- - STORM DRAIN
- - EXCAVATION SAMPLE LOCATION
- - SOIL BORING LOCATION (GILES P2ESA)
- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ⊖ - MONITORING WELL LOCATION (ABANDONED)
- ▲ - SUB SLAB VAPOR SAMPLE LOCATION
- — — — — - PROPERTY BOUNDARY
- · — · — · - WATER LINE
- · — · — · - SEWER LINE
- · — · — · - NATURAL GAS LINE
- · — · — · - BURIED ELECTRIC LINE
- ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
- · — · — · - TELEPHONE/CABLE LINE
- ***** - FENCE
- - AREAS OF EXCAVATION





B.1.c RR Sites Map



Legend

- Open Site (ongoing cleanup)
- Closed Site (completed cleanup)
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
 - Interstate Highway
 - State Highway
 - US Highway
- County and Local Roads
 - County HWY
 - Local Road
- Railroads
- Tribal Lands

0.5 0 0.25 0.5 Miles

NAD_1983_HARN_Wisconsin_TM

© Latitude Geographics Group Ltd.

1: 15,840



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

Note: Not all sites are mapped.

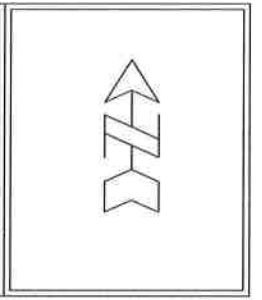
Notes

B.2.b. RESIDUAL SOIL CONTAMINATION
AUTO REPAIR ON VLIET

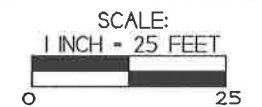
MILWAUKEE, WISCONSIN
 DRAWN BY: ED
 DATE: 8/24/16
 UPDATED BY: KF 5/1/20

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METCO
Excellence through experience



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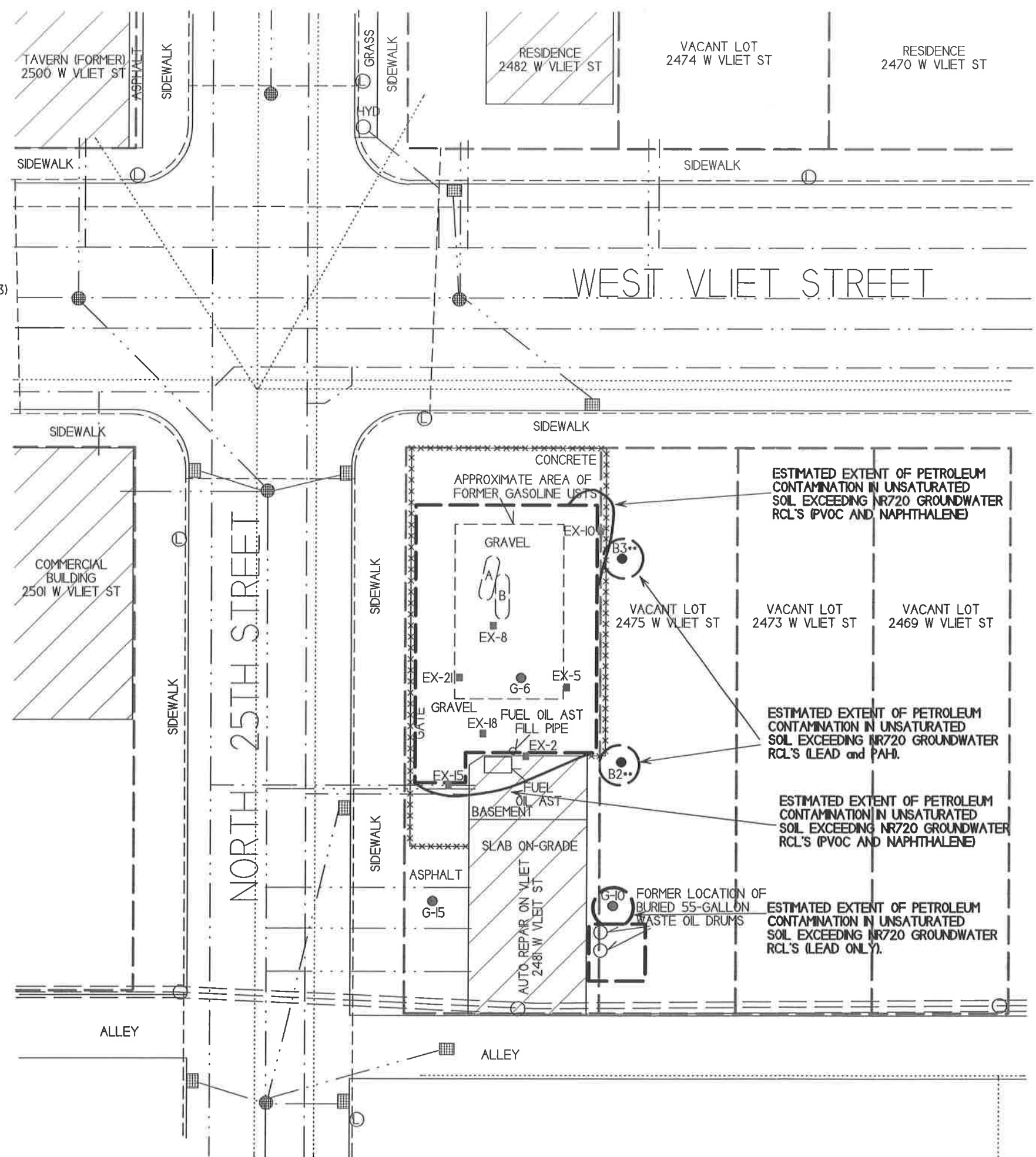
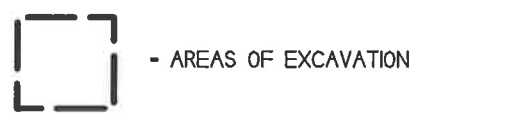


- A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
- B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

** - DIRECT CONTACT FALL-OUT DUE TO cPAH CALCULATOR (BORING B-2/B-3)

- - UTILITY POLE
- ⊙ - STREET LIGHT
- - SEWER MAN HOLE
- - STORM DRAIN
- - EXCAVATION SAMPLE LOCATION
- - SOIL BORING LOCATION (GILES P2ESA)
- - GEOPROBE BORING LOCATION

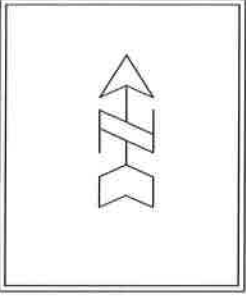
- - - - - PROPERTY BOUNDARY
- · - · - · - WATER LINE
- · · · · - SEWER LINE
- · · · · · - NATURAL GAS LINE
- - - - - BURIED ELECTRIC LINE
- ≡ ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
- · - · - · - TELEPHONE/CABLE LINE
- ***** - FENCE



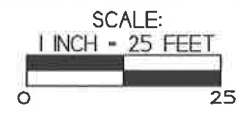
B.3.a.I GEOLOGIC CROSS SECTION MAP
 AUTO REPAIR ON VLIET

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MILWAUKEE, WISCONSIN
 DRAWN BY: KF
 DATE: 5/1/20

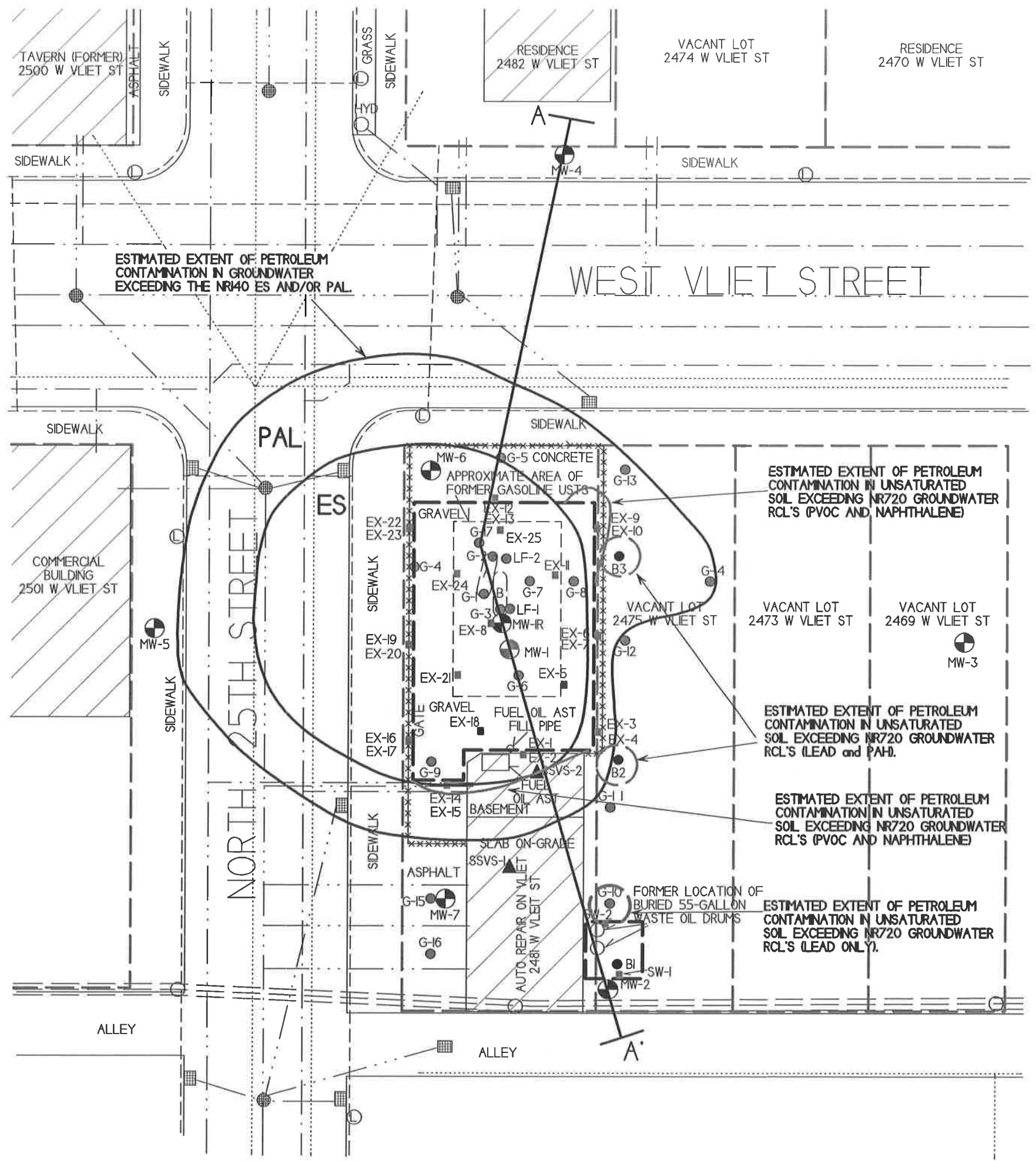


NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER



A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
 B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

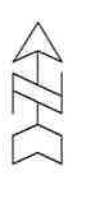
- - UTILITY POLE
- ⊙ - STREET LIGHT
- ⊗ - SEWER MAN HOLE
- ⊠ - STORM DRAIN
- - EXCAVATION SAMPLE LOCATION
- - SOIL BORING LOCATION (GILES P2ESA)
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- ▲ - SUB SLAB VAPOR SAMPLE LOCATION
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- - - - - - BURIED ELECTRIC LINE
- ≡ ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
- - - - - - TELEPHONE/CABLE LINE
- ***** - FENCE
- - AREAS OF EXCAVATION



B.3.a.2 GEOLOGIC CROSS SECTION MAP (CLOSE UP)
AUTO REPAIR ON VLIET

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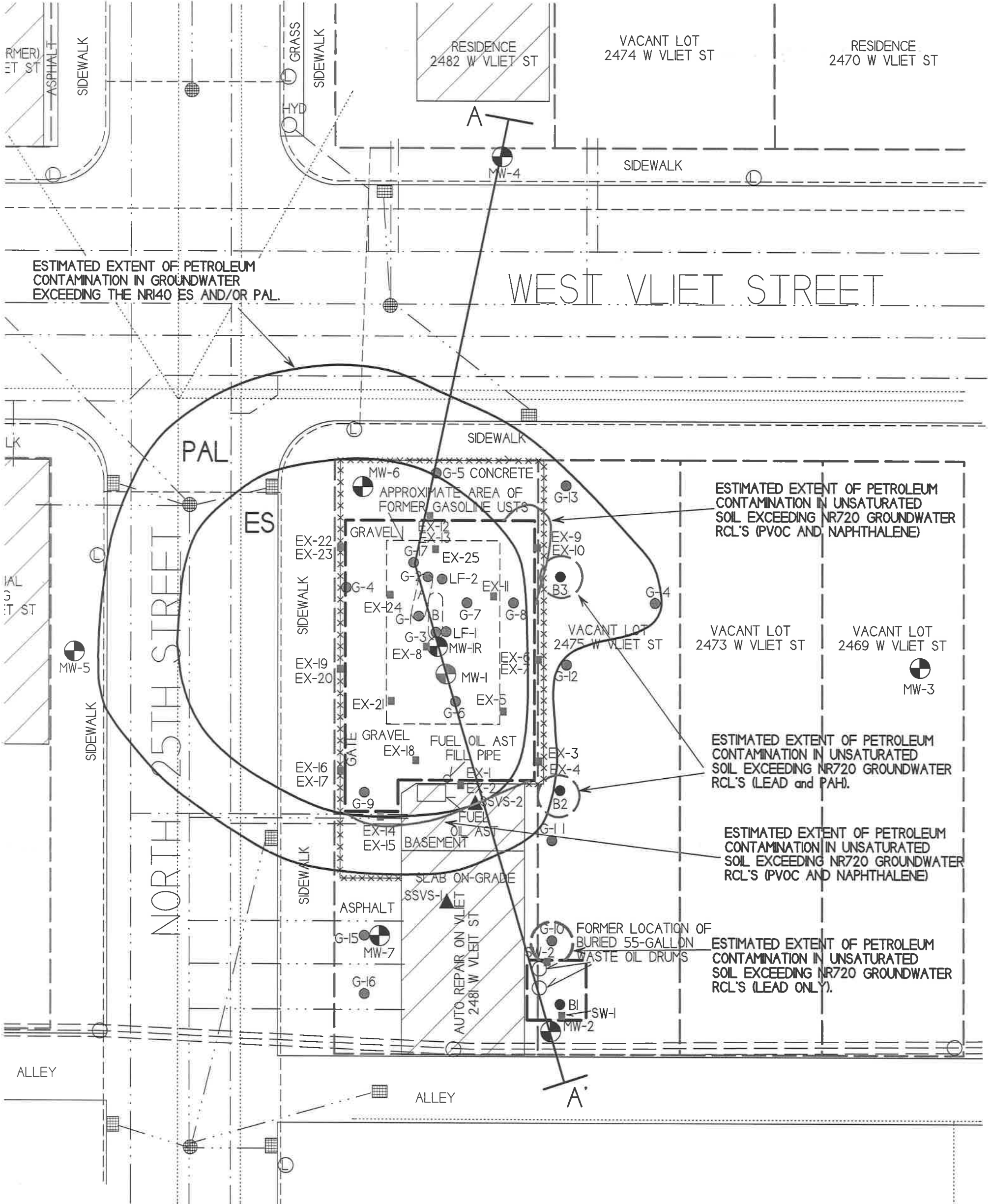
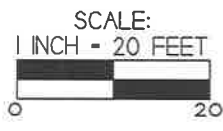
MILWAUKEE, WISCONSIN
 DRAWN BY: KF
 DATE: 5/1/20



- - UTILITY POLE
- ⊙ - STREET LIGHT
- - SEWER MAN HOLE
- - STORM DRAIN
- - EXCAVATION SAMPLE LOCATION
- - SOIL BORING LOCATION (GILES P2ESA)
- - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ⊙ - MONITORING WELL LOCATION (ABANDONED)
- ▲ - SUB SLAB VAPOR SAMPLE LOCATION
- — — — — - PROPERTY BOUNDARY
- · — · — · - WATER LINE
- · — · — · - SEWER LINE
- · — · — · - NATURAL GAS LINE
- · — · — · - BURIED ELECTRIC LINE
- ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
- - - - - - - TELEPHONE/CABLE LINE
- ***** - FENCE
- - AREAS OF EXCAVATION

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
 B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)



B.3.a.3 GEOLOGIC CROSS SECTION FIGURE
AUTO REPAIR ON VLIET

MILWAUKEE, WISCONSIN
 DRAWN BY: KF
 DATE: 5/1/20

799 Galleria Street, Suite 3
 La Crosse, WI 54603
 Tel: (608) 781-8879
 Fax: (608) 781-8823

NOTE: SOIL RESULTS SHOW DETECTS AND EXCEEDANCES THAT HAVE BEEN DOCUMENTED ON THE MAP. SEE DATA TABLES AND/OR LABORATORY REPORTS FOR ALL RESULTS

A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
 B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

- - MONITORING WELL LOCATION
- - MONITORING WELL LOCATION (ABANDONED)
- - GEOPROBE BORING LOCATION
- ✕ - SOIL SAMPLING LOCATION
- - EXCAVATION SOIL SAMPLING LOCATION
- ▲ - SUB SLAB VAPOR SAMPLING LOCATION
- ▼ - WATERTABLE (BASED ON ALL-TIME LOW WATER TABLE)

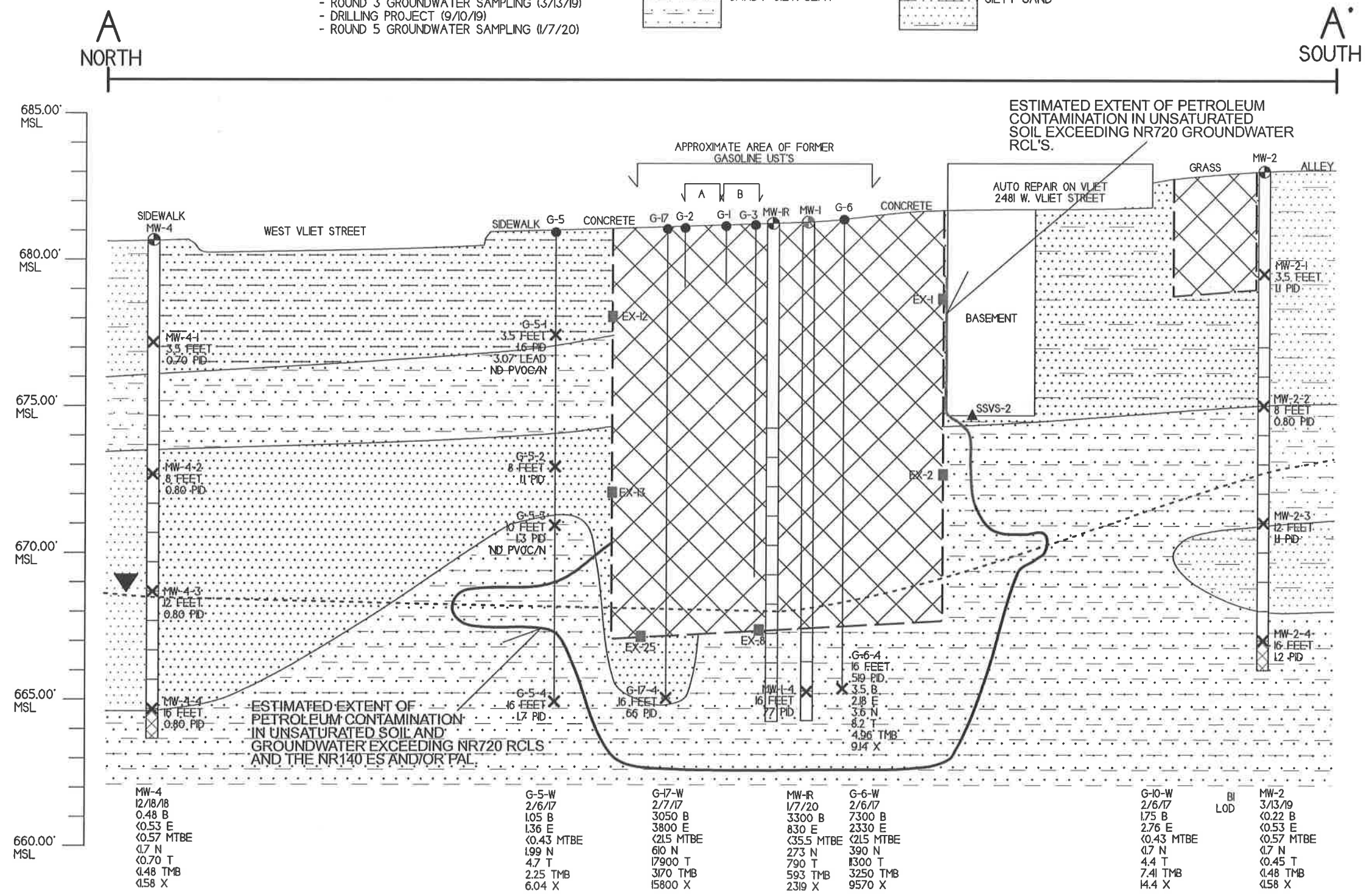
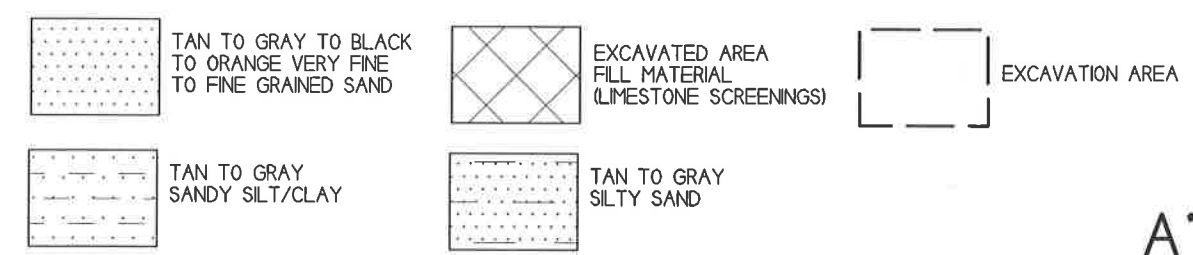
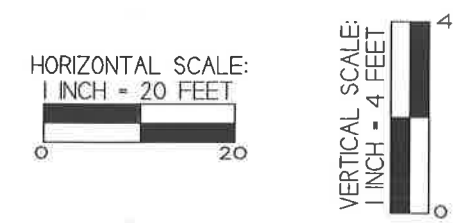
INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

SOIL SAMPLE RESULTS ARE PRESENTED IN PARTS PER MILLION (PPM).

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

GROUNDWATER FLOW IS TOWARD THE NORTHWEST.

- ND - NO DETECT
- PID - PHOTO IONIZATION DETECTOR
- DRO - DIESEL RANGE ORGANICS
- B - BENZENE
- E - ETHYLBENZENE
- MTBE - METHYL-TERT-BUTYL-ETHER
- MN - METHYL-NAPHTHALENE
- N - NAPHTHALENE
- T - TOLUENE
- TMB - TRIMETHYLBENZENE
- X - XYLENE



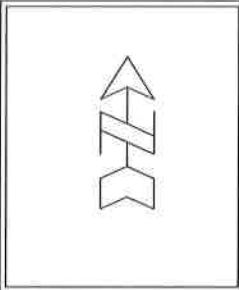
B.4.a VAPOR INTRUSION MAP

AUTO REPAIR ON VLIET

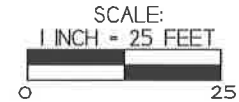


709 Galileo St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893

MILWAUKEE, WISCONSIN
DRAWN BY: ED
DATE: 6/24/16



NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER



- A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
- B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

- - UTILITY POLE
- ⊙ - STREET LIGHT
- - SEWER MAN HOLE
- - STORM DRAIN
- - EXCAVATION SAMPLE LOCATION
- - SOIL BORING LOCATION (GILES P2ESA)
- - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ⊙ - MONITORING WELL LOCATION (ABANDONED)
- ▲ - SUB SLAB VAPOR SAMPLE LOCATION

- — — — — - PROPERTY BOUNDARY
- · — · — · — - WATER LINE
- — — — — - SEWER LINE
- · — · — · — - NATURAL GAS LINE
- — — — — - BURIED ELECTRIC LINE
- ≡ ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
- - - - - - TELEPHONE/CABLE LINE
- ***** - FENCE

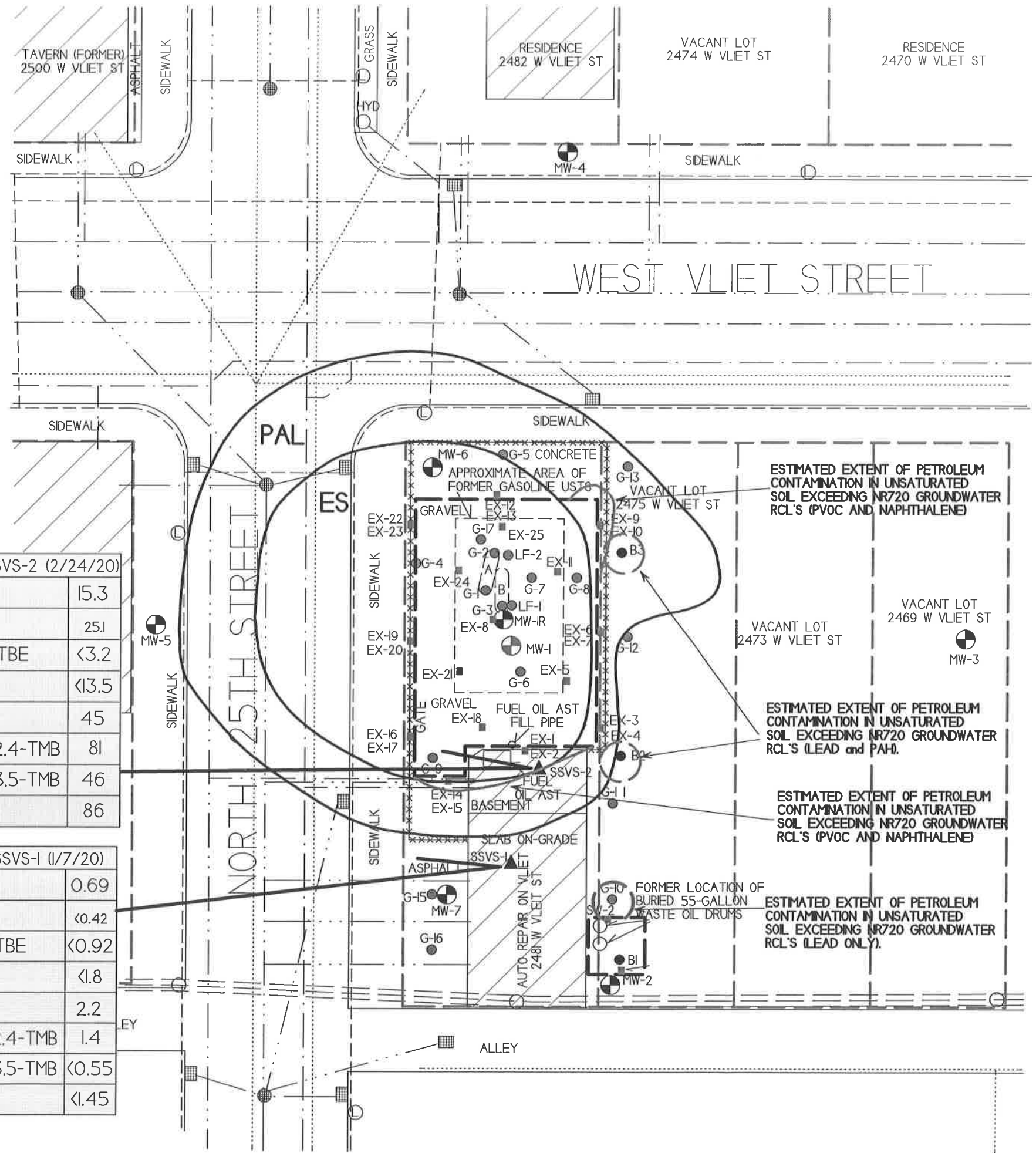


- AREAS OF EXCAVATION

B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL TERT-BUTYL ETHER
N - NAPHTHALENE
T - TOLUENE
1,2,4-TMB - TRIMETHYLBENZENE (1,2,4)
1,3,5-TMB - TRIMETHYLBENZENE (1,3,5)
X - XYLENE
MEASUREMENTS IN Ug/m^3

SSVS-2 (1/7/20)		SSVS-2 (2/24/20)	
B	314	B	15.3
E	2010	E	25.1
MTBE	<244	MTBE	<3.2
N	<483	N	<13.5
T	1010	T	45
1,2,4-TMB	1010	1,2,4-TMB	81
1,3,5-TMB	549	1,3,5-TMB	46
X	310	X	86

SSVS-1 (1/7/20)	
B	0.69
E	<0.42
MTBE	<0.92
N	<1.8
T	2.2
1,2,4-TMB	1.4
1,3,5-TMB	<0.55
X	<1.45



ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S (PVOC AND NAPHTHALENE)

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S (LEAD AND PAH)

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S (PVOC AND NAPHTHALENE)

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S (LEAD ONLY)

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 – September 26, 2017
- Letter Report – July 29, 2019
- Letter Report – March 17, 2020

Work completed since the last submittal to the WDNR Includes the following:

On March 6, 2020 DKS Transport Services of Menomonie, Wisconsin picked up and properly disposed of one drum of soil cuttings at the Advanced Disposal – Seven Mile Creek Landfill in Eau Claire, Wisconsin. The investigative Waste Disposal Documentation is included in Attachment C.2.

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.gov/topic/brownfields.Professionals.html> - Residual Contaminant Levels (RCLs) were established in accordance with NR 720.10 and NR 720.12. Soil RCL for the protection of the groundwater pathway and for non-industrial direct contact were taken from the RR programs RCL spreadsheet.

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

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

C.6 Other – Not Applicable

C.2 Investigative Waste

Invoice

DKS CONSTRUCTION SERVICES, INC

2520 WILSON STREET
MENOMONIE, WI 54751

Date	Invoice #
10/10/2018	3587

Bill To

METCO
709 GILLETTE ST
LACROSSE, WI 54603

P.O. No.	Terms	Due Date	Project
Auto Repair on Vliet	Net 30	11/9/2018	

Quantity	Description	Rate	Amount
8	Excavate C Soil (Ton)	3.50	28.00
8	Haul C Soil (Ton)	16.00	128.00
8	Soil Disposal (Ton)	24.00	192.00
8	Fill (Ton)	14.50	116.00
8	Backfill & Compact (Ton)	2.25	18.00
	Jobsite: 2481 W Vliet St. Milwaukee WI - Rear of Building Location		
	Work Done on 10/8/2018	5.50%	0.00
	WI & Dunn Sales Tax		
<i>ERP Site Not Eligible</i>			
Total			\$482.00

Phone # 715-235-2600

Total \$482.00

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 Investigative Waste.

DKS CONSTRUCTION SERVICES, INC

2520 WILSON STREET
MENOMONIE, WI 54751

Invoice

Date	Invoice #
10/10/2018	3586

Bill To

METCO
% Raisa Beyder
709 GILLETTE ST
LACROSSE, WI 54603

P.O. No.	Terms	Due Date	Project
Auto Repair on Vliet	Net 30	11/9/2018	

Quantity	Description	Rate	Amount
1	Mobilization (ls)	3,000.00	3,000.00
1	Fence Work (ls)	4,200.00	4,200.00
1	Sawcut Concrete (ls)	1,000.00	1,000.00
1	Excavate Concrete (ls)	750.00	750.00
1	Haul Concrete (ls)	1,800.00	1,800.00
1	Concrete Disposal (Recycle) (ls)	750.00	750.00
767.78	Excavate Overburden (Ton)	4.50	3,455.01
1.012.22	Excavate C Soil (Ton)	3.50	3,542.77
1.012.22	Haul C Soil (Ton)	16.00	16,195.52
1.012.22	Soil Disposal (Ton)	24.00	24,293.28
858.22	Fill (Ton)	14.50	12,444.19
154	Gravel (Ton)	17.00	2,618.00
767.78	Backfill & Compact Overburden (Ton)	3.50	2,687.23
1.012.22	Backfill & Compact Import (Ton)	2.25	2,277.50
1	Restoration of Adjacent Lot (ls)	750.00	750.00
	Jobsite: 2481 W Vliet St, Milwaukee WI Work Done on 10/8/2018, 10/9/2018 WI & Dunn Sales Tax	5.50%	0.00

Phone # 715-235-2600

Total \$79,763.50

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 Investigative Waste

DAY #1

Auto Repair at Vlot

10-848

Profile	Truck	Material	Material Description	Tons
BIO130176WI	52	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	27.31
BIO130176WI	48	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	25.64
BIO130176WI	10	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	26.79
BIO130176WI	98	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	25.85
BIO130176WI	383	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	26.59
BIO130176WI	46	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	28.58
BIO130176WI	221	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	22.55
BIO130176WI	12	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	28.68
BIO130176WI	48	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	26.55
BIO130176WI	10	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	25.47
BIO130176WI	52	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	25.27
BIO130176WI	383	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	22.68
BIO130176WI	46	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	27.39
BIO130176WI	221	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	24.68
BIO130176WI	12	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	27.06
BIO130176WI	48	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	29
BIO130176WI	383	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	25.33
BIO130176WI	52	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	28.77
BIO130176WI	221	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	25.51
BIO130176WI	98	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	24.14
BIO130176WI	46	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	23.89
BIO130176WI	12	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	23.71
BIO130176WI	52	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	25.61
BIO130176WI	48	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	26.04
BIO130176WI	98	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	22.5
BIO130176WI	656	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	24.03
BIO130176WI	221	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	19.06
BIO130176WI	48	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	23.9
BIO130176WI	52	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	24.63
BIO130176WI	98	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	26.8
BIO130176WI	656	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	24.71
BIO130176WI	12	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	22.02
BIO130176WI	46	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	23.62
				834.36
				834.36
		33 loads	DAY #1 total	834.36

C. 2. Investigative Waste

Day #2

Ant. 1/2 on 1/2

109-18

Profile	Truck	Material	Material Description	Tons
BIO130176WI	656	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	23.48
BIO130176WI	221	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	24.42
BIO130176WI	12	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	22.3
BIO130176WI	656	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	23.79
BIO130176WI	26	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	15.23
BIO130176WI	52	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	25.36
BIO130176WI	46	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	26.59
BIO130176WI	48	Spw Biorem RGC-Tons	Unspecified material, bioremediated, daily cover, PMT RGC	24.69
				185.86
				185.86
		83 loads	Day # 2 total	185.86

Day #1 total 834.36

Day #2 total 185.86

total from site 1020.22

- total from rear of Bldg 8.00

Front lot C soil 1012.22 ton

C.2 Investigative Waste

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

Milwaukee - Auto Repair Unit
Milwaukee - Smith
Kewaskaw - Herriges
Menasha - Shalecki

002427
 DKS CONSTRUCTION SERVICES
 DKS/19011BIO@
 2520 WILSON ST
 MENOMONIE, WI 54751

INVOICE
 INBOUND

SITE		CELL	TICKET #	OPERATOR	
G3			835156	42997	
TRUCK		CONTAINER		LICENSE	
MISC1					
REFERENCE			IN	OUT	
118426			3/6/20 8:05 am	3/6/20 8:25 am	

CONTRACT: DKS/19011BIO@		GROSS 13,860.00LBS Scale In					
BOL:		TARE 10,180.00LBS Scale Out					
		NET 3,680.00LBS					
QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
1.84	TN	34D@/ C-Soll Pet-Fuel Oil	WI	100.00			

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

Total
 Paid
 Change
 Check#
 Recpt #

SIGNATURE: _____

CUSTOMER COPY

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. – A maintenance plan is not being required at this time.
- D.2 Location map(s) – A maintenance plan is not being required at this time.
- D.3 Photographs – A maintenance plan is not being required at this time.
- D.4 Inspection log – A maintenance plan is not being required at this time.

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. A plat map has been included.

F.3 Verification of Zoning

F.4 Signed Statement

F.1 Deed

STATE BAR OF WISCONSIN FORM 3 - 1982
QUIT CLAIM DEED

DOC. #
8621253

DOCUMENT NO.

REGISTER'S OFFICE 1 SS
Milwaukee County, WI

RECORDED AT 10:23 AM

09-12-2003

JOHN LA FAVE
REGISTER OF DEEDS

AMOUNT 13.00

REEL 5666

IMAGE 2920

ARKADY BRODSKY

quit-claims to ARON BEYDER

the following described real estate in Milwaukee County,
State of Wisconsin:

See attached legal description.

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS

STEIN
SAFER & LENSKY LAW FIRM, S.C.
NORTH RIDGE M & I BANK BUILDING
8001 NORTH 76th STREET, SUITE 310
-POST OFFICE BOX 20255-
MILWAUKEE, WISCONSIN 53223-0255

364-9988-0
PARCEL IDENTIFICATION NUMBER

FEE
77.25 (5)
EXEMPT

This is not homestead property.
(is) (is not)

Dated this 20 day of FEBRUARY, 19 97

(SEAL)

Arkady Brodsky (SEAL)
Arkady Brodsky

(SEAL)

(SEAL)

AUTHENTICATION

Signature(s) Arkady Brodsky

authenticated this 20 day of FEBRUARY, 19 97

HARRY LENSKY
TITLE: MEMBER STATE BAR OF WISCONSIN

(If not,
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Harry Lensky, Attorney

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, }
County, } ss.

Personally came before me this _____ day of _____, 19____, the above named

to me known to be the person _____ who executed the foregoing instrument and acknowledge the same.

Notary Public, _____ County, Wis.

My commission is permanent. (If not, state expiration date: _____, 19____.)

* Names of persons signing in any capacity should be typed or printed below their signatures.

F.1 Deed

EXHIBIT A

GRANTOR: ARKADY BRODSKY

Case No.: AA-84484-M LR
Legal Description

GRANTEE: ARON BEYDER

REEL 5666
IMAGE 2921

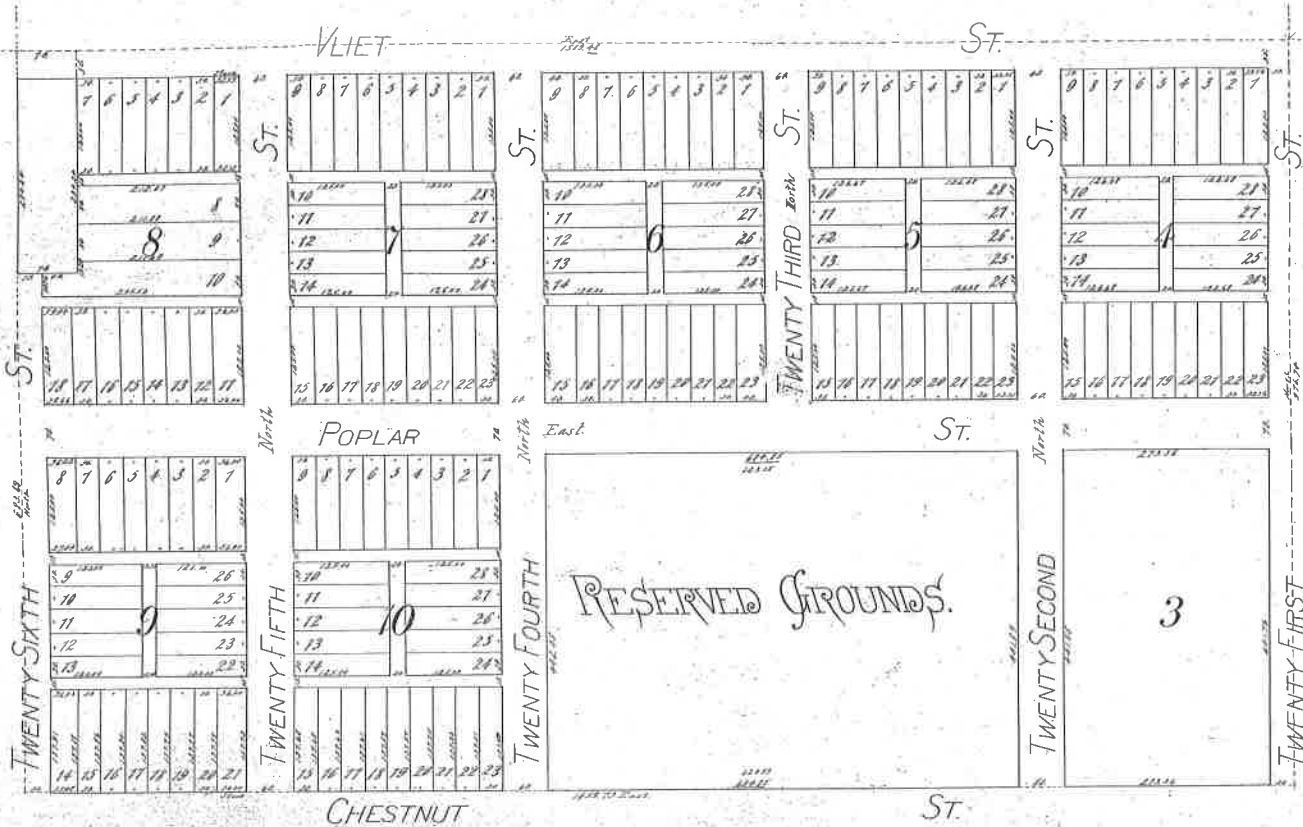
A piece of land in the West 1/2 of the Southwest 1/4 of Section 19, in Township 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, described as follows, to-wit: Commencing at a point in the South line of Vliet Street, now West Vliet Street and 4 feet West of the Northwest corner of Lot 7, in Block 8, in Lynde's Addition No. 2 in the City of Milwaukee, County of Milwaukee, State of Wisconsin, running thence West on the South line of Vliet Street, now West Vliet Street, 40 feet more or less to a point in the East line of 25th Street, now North 25th Street; thence South on the East line of 25th Street, now North 25th Street, 125 feet more or less to a point; thence East and parallel with the South line of Vliet Street, now West Vliet Street, 40 feet more or less to a point, said point being 4 feet West of the Southwest corner of said Lot 7, in Block 8; thence North and parallel with the East line of 25th Street now North 25th Street, 125 feet more or less to the South line of Vliet Street, now West Vliet Street being the point of commencement; Also the West 3 feet of the East 4 feet of the following described real estate; A piece of land in the West 1/2 of the Southwest 1/4 of Section 19, in Township 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee and State of Wisconsin and described as follows: Commencing at a point in the South line of West Vliet Street said point being the Northwest corner of Lot 7, Block 8, in Lynde's Addition No. 2, running thence West on the South line of West Vliet Street 44 feet more or less to a point in the East line of North 25th Street, thence South on the East line of North 25th Street 125 feet more or less to a point, thence East and parallel with the South line of West Vliet Street, 44 feet more or less to a point, said point being the Southwest corner of Lot 7 in said Block 8, thence North and parallel with the East line of North 25th Street, 125 feet more or less to the South line of West Vliet Street being the point of commencement.

ADDRESS: 2481 W VLIET ST.

FAINT TYPE

LYNDE'S ADDITION NO. 2

IN THE SECOND WARD OF THE CITY OF MILWAUKEE



State of Wisconsin } I, Henry C. Lynde, do hereby certify that I have arranged a plan of a certain addition No. 2, comprising a part of the block West 1/2 of Section 17, T. 12 N., R. 12 E., 2nd of Range 22 East in the Second Ward of the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows to-wit: Commencing at the South East corner of the block West 1/2 of Section 17 aforesaid, and from thence having 330 feet west of a stone monument placed at the South East corner of said block, running thence North on a line parallel to the East line of said Section 17 1/2 feet to a point in the Center line of Vliet Street, thence North and East 1/4 mile to a line of White Street, 1517.93 feet to a point, thence South 29.475 feet to a point, thence West 70 feet to a point, thence South 67 feet to a point, thence West 165.773 feet to the point of Commencement, that the above plat is a correct representation of said survey and subdivision, showing the size of the lots and blocks as marked on the boundaries thereof, and the names of the streets. The stone monument from which the above plat is taken may be made in each additional lot located as follows: at the South East corner of Lot 1 and at the South East corner of Lot 21 in Block 9.

Milwaukee, April 17th 1877
Henry C. Lynde, City Engineer

State of Wisconsin } I, H. C. Lynde, the proprietor of the lands embraced on this map or plat and described in the annexed plat of the Engineer do hereby certify that I have adopted this plat as a legal subdivision of the same into lots, blocks, streets and alleys and that the same are designated on this plat.

Witness my hand and seal this 17th day of April A.D. 1877
H. C. Lynde, City Engineer

State of Wisconsin } On this 17th day of April A.D. 1877 before me personally appeared H. C. Lynde to me known to be the proprietor of the lands embraced on this map or plat and acknowledged that he executed the same and certified to the same as a legal subdivision of the same into lots, blocks, streets and alleys and that the same are designated on this plat.

Witness my hand and seal this 17th day of April A.D. 1877
Notary Public, Milwaukee C. Wisconsin

Approved by the Commission on Plans and Surveys
 C. H. Milburn
 Charles H. Miller
 Patrick L. Linn
 J. H. Langer
 Joseph H. Engel

Approved May 7th 1877
 Charles H. Miller
 J. H. Langer
 C. H. Whelan
 Public Works

Recorded that the Plat of Lynde's Addition No. 2 in the Second Ward of the City of Milwaukee, the same having been approved by the Board of Public Works, is hereby adopted by the Commission on Plans and Surveys.

I, Henry C. Lynde, do hereby certify that the foregoing is a copy of a Resolution adopted by the Common Council of the City of Milwaukee on the 7th day of May A.D. 1877.

Edmund Mahoney
 City Clerk
 by Alice Butler Deputy

Recorded May 10th 1877
 at 104 1/2 1/2

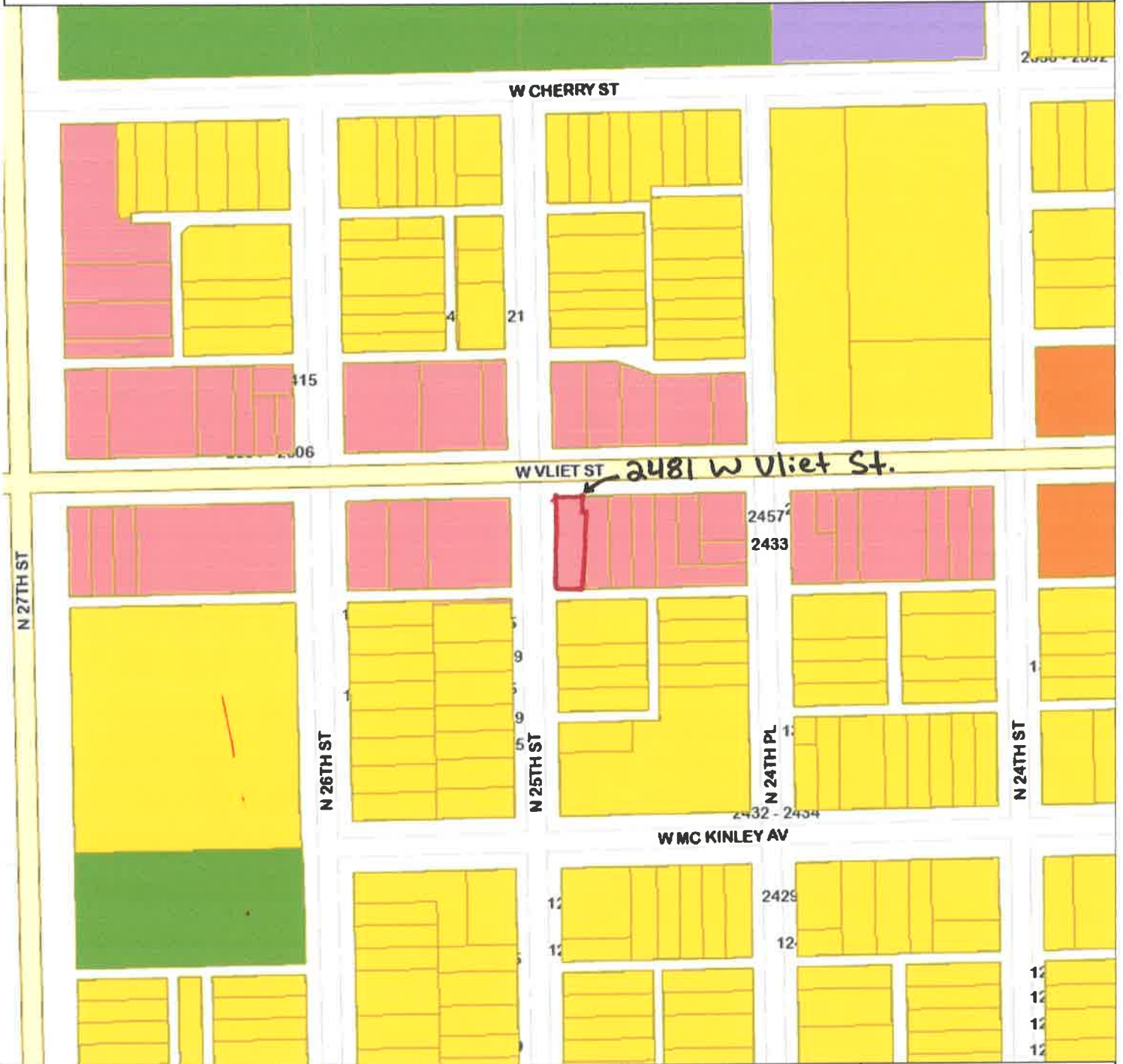
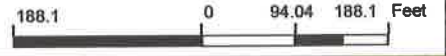
LT'S 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25
 BK 3 RESERVED LAND NEW LYNDEN PLATE PIAT 10-14

F.3. Verification of Zoning

© City of Milwaukee, Wisconsin
Map Milwaukee: Zoning

[Disclaimer](#)
5/11/2020

Map Scale: 1: 2,257



- Parcels - MPROP_lite Zoning**
- Residential - single family
 - Residential - two family
 - Residential - multi-family
 - Residential - residence and office
 - Commercial - neighborhood shopping
 - Commercial - local business

- Legend -

- service
- Commercial - regional business
- Commercial - central business
- Industrial - commercial
- Industrial - office
- Industrial - light
- Industrial - mixed
- Industrial - heavy
- Special - parks

- Notes -

F.3 Verification of Zoning



Department of Administration - ITMD

F.4. Signed Statement

WDNR BRRTS Case #: 03-41-286924

WDNR Site Name: Auto Repair on Vliet

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:

Ann Stivelberg (POA)
(print name/title)

[Signature] POA 5/11/20
(signature) (date)

Attachment G/Notifications to Owners of Affected Properties

G.A. Notification of Continuing Obligations to the City of Milwaukee for residual groundwater contamination in the right-of-way of N 25th Street.

G.B. Notification of Continuing Obligations to the property owner(s) of an impacted property for residual soil contamination located at 2475 W Vliet Street Parcel #3641418000.

G.B.1. Deed

G.B.2. Certified Survey Map - There is no certified survey map for this property. A plat map has been included.

G.3 Verification of Zoning

G.4 Signed Statement

AFFECTED
A
PROPERTY

RIGHT-OF-WAY

G.A.

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 Raisa Beyder c/o Anna Shtivelberg (POA)

Contact Person Last Name Shtivelberg	First Anna	MI	Phone Number (include area code) (414) 763-1495	
Address 242 E. Ravine Bay Rd		City Bayside	State WI	ZIP Code 53217
E-mail <u>rusbvs@hotmail.com</u>				

Name of Party Receiving Notification:

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

Title Mr.	Last Name Polenske	First Jeffrey	MI	Phone Number (include area code) (414) 286-2489	
Address 841 North Broadway, Room 501		City Milwaukee	State WI	ZIP Code 53202	

Site Name and Source Property Information:

Site (Activity) Name Auto Repair on Vliet

Address 2481 W Vliet Street		City Milwaukee	State WI	ZIP Code 53205
DNR ID # (BRRS#) 03-41-286924	(DATCP) ID #			

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 Anderson	First Ron	MI	Phone Number (include area code) (609) 781-8879	
Address 709 Gillette Street Suite 3		City La Crosse	State WI	ZIP Code 54603
E-mail <u>rona@metcohq.com</u>				

Department Contact:

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

Department of: Natural Resources (DNR)

Address 2300 North Martin Luther King Drive		City Milwaukee	State WI	ZIP Code 53212
Contact Person Last Name Neumann	First Riley	MI	Phone Number (include area code) (414) 263-8603	
E-mail (Firstname.Lastname@wisconsin.gov) <u>riley.neumann@wisconsin.gov</u>				

AFFECTED
A
PROPERTY

RIGHT-OF-WAY

G.A.

**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 2481 W Vliet Street, Milwaukee, WI, 53205 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 DNR contact: 2300 North Martin Luther King Drive, Milwaukee, WI, 53212, or at riley.neumann@wisconsin.gov.

Residual Contamination:

Groundwater Contamination:

Groundwater contamination originated at the property located at: 2481 W Vliet Street, Milwaukee, WI, 53205.

The levels of

Benzene, Ethylbenzene, Naphthalene, Toluene, Trimethylbenzenes, and Xylene.

contamination in the groundwater on your property are above the state groundwater enforcement standards found in ch. NR 140, Wis. Adm. Code.

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:

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>.

AFFECTED
A
PROPERTY

RIGHT-OF-WAY

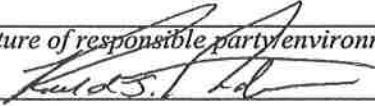
G. A.

**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (9/15)

Page 2 of -4

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


<i>Signature of responsible party/environmental consultant for the responsible party</i> 	Date Signed 5/13/20
---	------------------------

Attachments
Contact Information
Legal Description for each Parcel:

AFFECTED
A
PROPERTY

G.A.

RIGHT-OF-WAY

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">■ Complete items 1, 2, and 3.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	<p>A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (<i>Printed Name</i>)</p> <p>C. Date of Delivery 5/18/20</p>	
Jeffrey Polenske City of Milwaukee - Dept. of Public Works 841 North Broadway, Room #501 Milwaukee, WI 53202	Delivery address different from item 1? <input type="checkbox"/> Yes ES, enter delivery address below: <input type="checkbox"/> No	
 9590 9403 0958 5223 6275 96	<p>3. Service Type</p> <ul style="list-style-type: none"><input type="checkbox"/> Adult Signature<input type="checkbox"/> Adult Signature Restricted Delivery<input checked="" type="checkbox"/> Certified Mail®<input type="checkbox"/> Certified Mail Restricted Delivery<input type="checkbox"/> Collect on Delivery<input type="checkbox"/> Collect on Delivery Restricted Delivery<input type="checkbox"/> Insured Mail<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) <ul style="list-style-type: none"><input type="checkbox"/> Priority Mail Express®<input type="checkbox"/> Registered Mail™<input type="checkbox"/> Registered Mail Restricted Delivery<input type="checkbox"/> Return Receipt for Merchandise<input type="checkbox"/> Signature Confirmation™<input type="checkbox"/> Signature Confirmation Restricted Delivery	
Article Number (Transfer from service label) 7013 0600 0000 9414 7022	PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt	

AFFECTED
B
PROPERTY

G.B.

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 Raisa Beyder c/o Anna Shtivelberg (POA)

Contact Person Last Name Shtivelberg	First Anna	MI	Phone Number (include area code) (414) 763-1495		
Address 242 E. Ravine Bay Rd		City Bayside	State WI	ZIP Code 53217	
E-mail rusbvs@hotmail.com					

Name of Party Receiving Notification:

Business Name, if applicable: Redevelopment Authority of City of Milwaukee

Title Mr.	Last Name Reim	First Matt	MI	Phone Number (include area code) (414) 286-5693		
Address 809 N. Broadway Street		City Milwaukee	State WI	ZIP Code 53202		

Site Name and Source Property Information:

Site (Activity) Name Auto Repair on Vliet

Address 2481 W Vliet Street		City Milwaukee	State WI	ZIP Code 53205	
DNR ID # (BRRS#) 03-41-286924		(DATCP) ID #			

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 Anderson	First Ron	MI	Phone Number (include area code) (609) 781-8879		
Address 709 Gillette Street Suite 3		City La Crosse	State WI	ZIP Code 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 2300 North Martin Luther King Drive		City Milwaukee	State WI	ZIP Code 53212	
Contact Person Last Name Neumann	First Riley	MI	Phone Number (include area code) (414) 263-8603		
E-mail (Firstname.Lastname@wisconsin.gov) riley.neumann@wisconsin.gov					

G.B.

Section A. Deeded Property Notification: Residual Contamination and/or Continuing Obligations

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

809 N. Broadway Street
Milwaukee, WI, 53202

Dear Mr. Reim:

I am providing this letter to inform you of the location and extent of contamination remaining on your property, and of certain long-term responsibilities (continuing obligations) for which you may become responsible. I have investigated a release of:

petroleum

on 2481 W Vliet Street, Milwaukee, WI, 53205 that has shown that contamination has migrated onto your property. 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 attached legal description of your property and on the proposed closure request:

Please review the enclosed legal description of your property, and notify Ron Anderson at 709 Gillette Street Suite 3, La Crosse, WI, 54603 within the next 30 days if the legal description is incorrect.

The DNR will not review my closure request for at least 30 days after the date of receipt of this letter. As an affected property owner, 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 that is relevant to this closure request, or if you want to waive the 30 day comment period, you should mail that information to the DNR contact: 2300 North Martin Luther King Drive, Milwaukee, WI, 53212, or at riley.neumann@wisconsin.gov.

Your Long-Term Responsibilities as a Property Owner and Occupant:

The responses included

Groundwater monitoring and excavation of 1,020.22 tons of petroleum contaminated soil.

The continuing obligations I am proposing that affect your property are listed below, under the heading **Continuing Obligations**. Under s. 292.12 (5), Wis. Stats., current and future owners and occupants of this property are responsible for complying with continuing obligations imposed as part of an approved closure.

The fact sheet "Continuing Obligations for Environmental Protection" (DNR publication RR 819) has been included with this letter, to help explain the responsibilities you may have for maintenance of a certain continuing obligation, the limits of any liability for investigation and cleanup of contamination, and how these differ. If the fact sheet is lost, you may obtain copies at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

Contract for responsibility for continuing obligation:

Before I request closure, I will need to inform the DNR as to whom will be responsible for the continuing obligation/s on your property.

No contract has been worked out between RP and affected property owner.

Under s. 292.12, Wis. Stats., the responsibility for maintaining all necessary continuing obligations for your property will fall on you or any subsequent property owner, unless another person has a legally enforceable responsibility to comply with the requirements of the final closure letter. If you need more time to finalize an agreement on the responsibility for the continuing obligations on your Property, you may request additional time from the DNR contact identified in **Contact Information**.

(Note: Future property owners would need to negotiate a new agreement.)

G. B

Remaining Contamination:

Soil Contamination:

Soil contamination remains at :
2475 W Vliet Street

The remaining contaminants include:

Lead, Benzene, Ethylbenzene, Naphthalene, Toluene, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, Xylene, Benzo(a)pyrene, and Chrysene.

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 of 1,020.22 tons of petroleum contaminated soil.

Continuing Obligations on Your Property: As part of the cleanup, I am proposing that the following continuing obligations be used at your property, to address future exposure to residual contamination. If my closure request is approved, you will be responsible for the following continuing obligations.

To construct a new well or to reconstruct an existing well, the property owner at the time of construction or reconstruction will need to obtain prior approval from the DNR. See the paragraph **GIS Registry and Well Construction Requirements**. Typically, this results in casing off a portion of the aquifer during drilling, when needed, to protect the water supply.

Residual Soil Contamination:

If soil is excavated from the areas with residual contamination, the property owner 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 ch. NR 718, Wis. Adm. Code, with prior DNR approval. In addition, all current and future property 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 during excavation activities to prevent a 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 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.

Maintenance and Audits of Continuing Obligations:

If compliance with a maintenance plan is required as part of a continuing obligation, an inspection log will need to be filled out periodically, and kept available for inspection by the DNR. Submittal of the inspection log may also be required. You will also need to notify any future owners or occupants of this property of the need to maintain the continuing obligation and to document that maintenance in the inspection log. Periodic audits of these continuing obligations may be conducted by the DNR, to ensure that potential exposure to residual contamination is being addressed. The DNR provides notification before conducting site visits as part of the audit.

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.

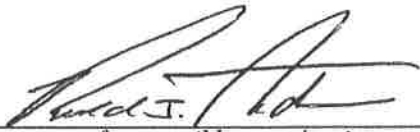
DNR approval prior to well construction or reconstruction is required for all sites included in the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special well construction standards may be necessary 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>.

G.B.

Site Closure:

If the DNR grants closure, you will receive a letter which defines the specific continuing obligations on your property. The status of the site (open or closed) may also be checked by searching BRRTS on the Web. You may view or download a copy of the closure letter (sent to the responsible party) from BRRTS on the Web. You may also request a copy of the closure letter from the **responsible party** or by writing to the DNR contact, at Riley Neumann, riley.neumann@wisconsin.gov, (414) 263-8603 . The final closure letter will contain a description of the continuing obligation, any prohibitions on activities and will include any applicable maintenance plan.

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

5/13/20

Attachments

Contact Information

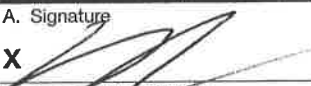

Legal Description for each Parcel:

Factsheets:

RR 819, Continuing Obligations for Environmental Protection

AFFECTED
B
PROPERTY

G.B.

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">■ Complete items 1, 2, and 3.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature X 	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
Matt Reim City of Milwaukee Redevelopment Authority 309 N. Broadway Street Milwaukee, WI 53202	B. Received by (Printed Name)	C. Date of Delivery 5/18/20
	delivery address different from item 1? <input type="checkbox"/> Yes (ES, enter delivery address below: <input type="checkbox"/> No	
 9590 9403 0958 5223 6275 34	3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery	
2 Article Number (Transfer from service label) 7013 0600 0000 9414 7039	PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt	

GVK:e

DOCUMENT NO. 774 MAR 1029

APPROVED AS TO FORM AND EX CUT ON THIS 18

DAY OF March 1974

WARRANTY DEED STATE OF WISCONSIN—FORM 4 THIS SPACE RESERVED FOR RECORDING DATA

4827371

G.B.1 DEED

REGISTERED OFFICE Milwaukee County, Wis. RECORDED AT 1029-1030 in

MAR 19 1974 Reel 774 Image 1029-1030

W. G. R. B. REGISTER OF DEEDS

CITY ATTORNEY'S OFFICE 801 CITY HALL MILWAUKEE 2, WISCONSIN

AFFECTED B PROPERTY

**3.00

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1029-1030

THIS INDENTURE, Made this 18th day of March, A. D., 1974, between Chester A. Balcerzak and Lillie E. Balcerzak his wife

parties of the first part, and Redevelopment Authority of the City of Milwaukee, a public body corporate and politic

organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee

Wisconsin, party of the second part. Witnesseth, That the said parties of the first part, for and in consideration of the sum of Ten Thousand Seven Hundred Fifty and no/100ths Dollars (\$10,750.00)

to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the County of Milwaukee and State of Wisconsin, to-wit:

Lot Seven (7), in Block Eight (8), in Lynde's Addition No. 2, in the City of Milwaukee, also the East One (1) foot of the following described real estate: A piece of land in the West One-half (1/2) of the South West One-quarter (1/4) of Section Nineteen (19), in Township Seven (7) North, Range Twenty-two (22) East, in the City of Milwaukee, and described as follows: Commencing at a point in the South line of West Vliet Street, said point being the North West corner of Lot 7, in Block 8, in Lynde's Addition No. 2, running thence West on the South line of West Vliet Street 44 feet more or less to a point in the east line of North 25th Street, thence South on the East line of North 25th Street 125 feet more or less to a point; thence East and parallel with the South line of West Vliet Street 44 feet

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said parties of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To Have and to Hold the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its successors and assigns FOREVER.

And the said Chester A. Balcerzak and Lillie E. Balcerzak, his wife for themselves, their heirs, executors and administrators, do covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensembling and delivery of these presents they are well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever.

and that the above bargained premises in the quiet and peaceful possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, they will forever WARRANT AND DEFEND.

In Witness Whereof, the said parties of the first part have hereunto set their hands and seals this 18th day of March, A. D., 1974.

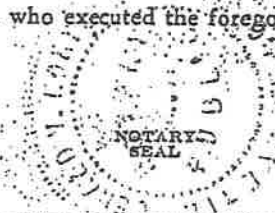
SIGNED AND SEALED IN PRESENCE OF Gerald V. Kortsch

Chester A. Balcerzak (SEAL) Chester A. Balcerzak Lillie E. Balcerzak (SEAL) Lillie E. Balcerzak (SEAL)

State of Wisconsin, County of Milwaukee ss. Personally came before me, this 18th day of March, A. D., 1974, the above named Chester A. Balcerzak and Lillie E. Balcerzak, his wife

to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

THIS INSTRUMENT WAS DRAFTED BY City of Milwaukee Notary Public, Milwaukee County, Wis. My commission expires (is) permanent.



(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon

REEL 774 MAR 1030

more or less to a point, said point being the South West corner of Lot 7, in said Block 8, thence North and parallel with the East line of North 25th Street, 125 feet more or less to the South line of West Vliet Street, being the point of commencement (Parcel 53-5, 2475-77 W. Vliet St., Tax Key No. 364-1418)

This conveyance is not subject to a real estate transfer tax pursuant to the provisions of Section 77.25 (12) of the Wisconsin Statutes

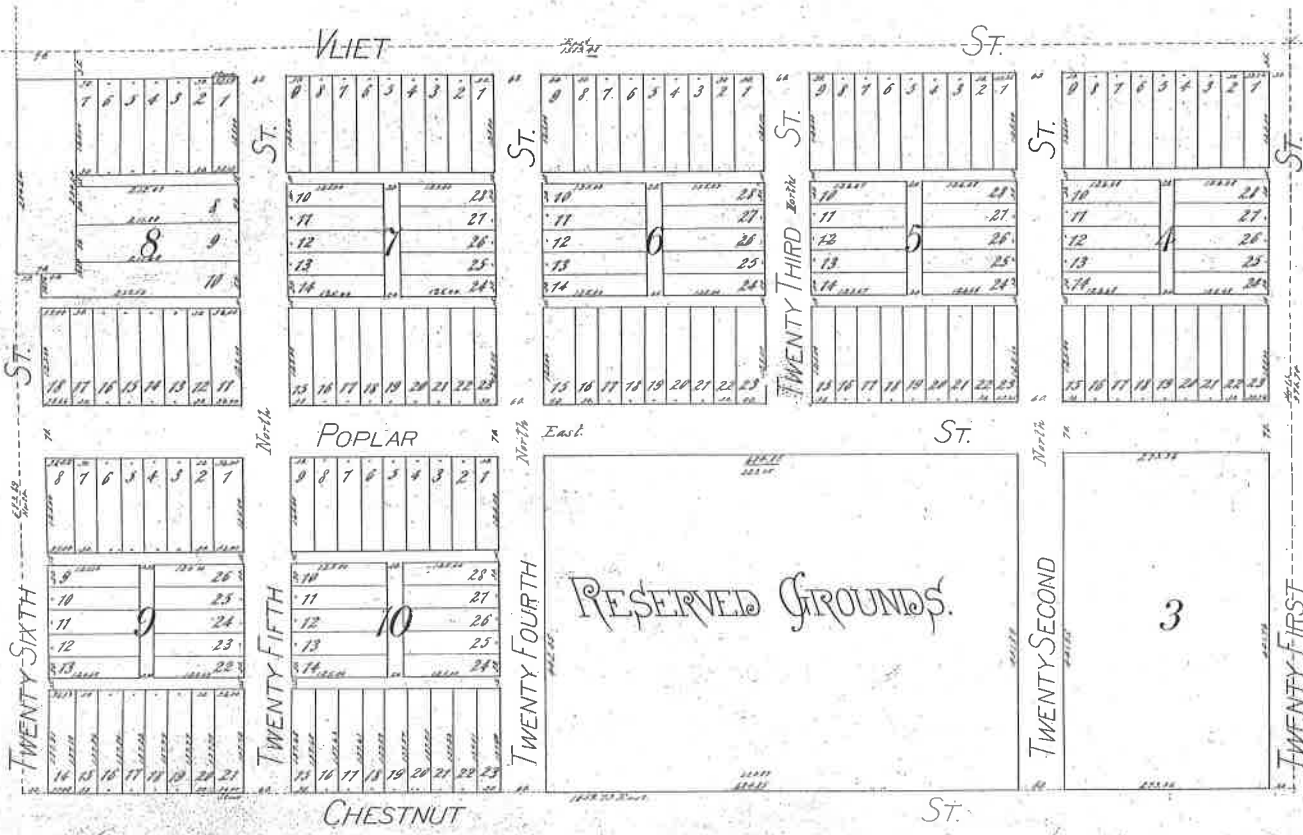
G.B.2 Certified Survey Map.

B-4 P-34

AFFECTED
B
PROPERTY

LYNDE'S ADDITION NO. 2

IN THE SECOND WARD OF THE CITY OF
MILWAUKEE



State of Wisconsin } I hereby certify that I have arranged Lynde's Addition No. 2 comprising a part of the South West 1/4 Section
County of Milwaukee } 19, Town 7, Range 22 East in the Second Ward of the City of Milwaukee, County of Milwaukee, State of
Wisconsin, bounded and described as follows to-wit: Commencing at the South East corner of the North West 1/4 of Section 17 of said
Town 7, and being 33 1/2 feet west of a stone monument placed at the North East corner of the North West 1/4 of Section 17 of said
Town 7, and being 76 1/2 feet to a point in the center line of the street; thence North along said center line of said
Street 151 1/2 feet to a point; thence South 23 1/2 feet to a point; thence West 74 feet to a point; thence South 61 1/2 feet to a point in
the South East corner of the North West 1/4 of Section 17 of said Town 7, and being 165 7/8 feet to the point of commencement; and that I have filed
two and subdivided the same into lots, blocks, tracts, streets and alleys as shown on the annexed map of lot, which is
a correct representation of said survey and subdivision, showing the size of the lots and blocks as mentioned in the boundaries thereof
in feet and hundredths of a foot, also the width and directions of the streets and alleys. And the number, name of the lots and blocks
and the names of the streets, the size and directions of the streets and alleys, and the names of the lots and blocks
as follows: at the North East corner of lot 1 in Block 1, and at the South East corner of lot 2 in Block 1.

Witness my hand and seal this 17th day of April A.D. 1877
Wm. C. Lynde, City Engineer

State of Wisconsin } I, W. C. Lynde, the proprietor of the lands embraced on this map, filed and described in the annexed
County of Milwaukee } Certificate of the Engineer do hereby certify that I have adopted this plat as a legal subdivision of the same into lots, blocks, streets
and alleys and approved the same as designated on this Plat.

Approved by the Commission on Public Lands and Boundaries
C. H. Milburn
Charles H. Hyle
Patrick Quinn
J. H. Langer
Joseph Engel

Approved May 7th 1877
H. C. Lynde } Commissioner
F. S. Blodgett } Public Works
C. H. Thoburn

Resolved that the Plat of Lynde's Addition No. 2 in the Second Ward of the City of Milwaukee, the same having been approved
by the Board of Public Works, be and the same is hereby adopted by the Commission on Public Lands and Boundaries.
I hereby certify that the foregoing is a copy of a Resolution adopted by the Commission on Public Lands and Boundaries on the
7th day of May A.D. 1877.

Recorded May 10th 1877
at 1044 o'clock A.M.

Edward Mahoney
City Clerk
by Alice Bolton Deputy

LTS 8, 9, 10 Bk 2 N.W. 1/4 of same Plat. Location of 24th St. between Chestnut St. and Poplar St. See vol. 182 Plats p. 573 and 574. BK 3 RESERVED LAND NEW LYNDE'S PLAT 10-14

AFFECTED
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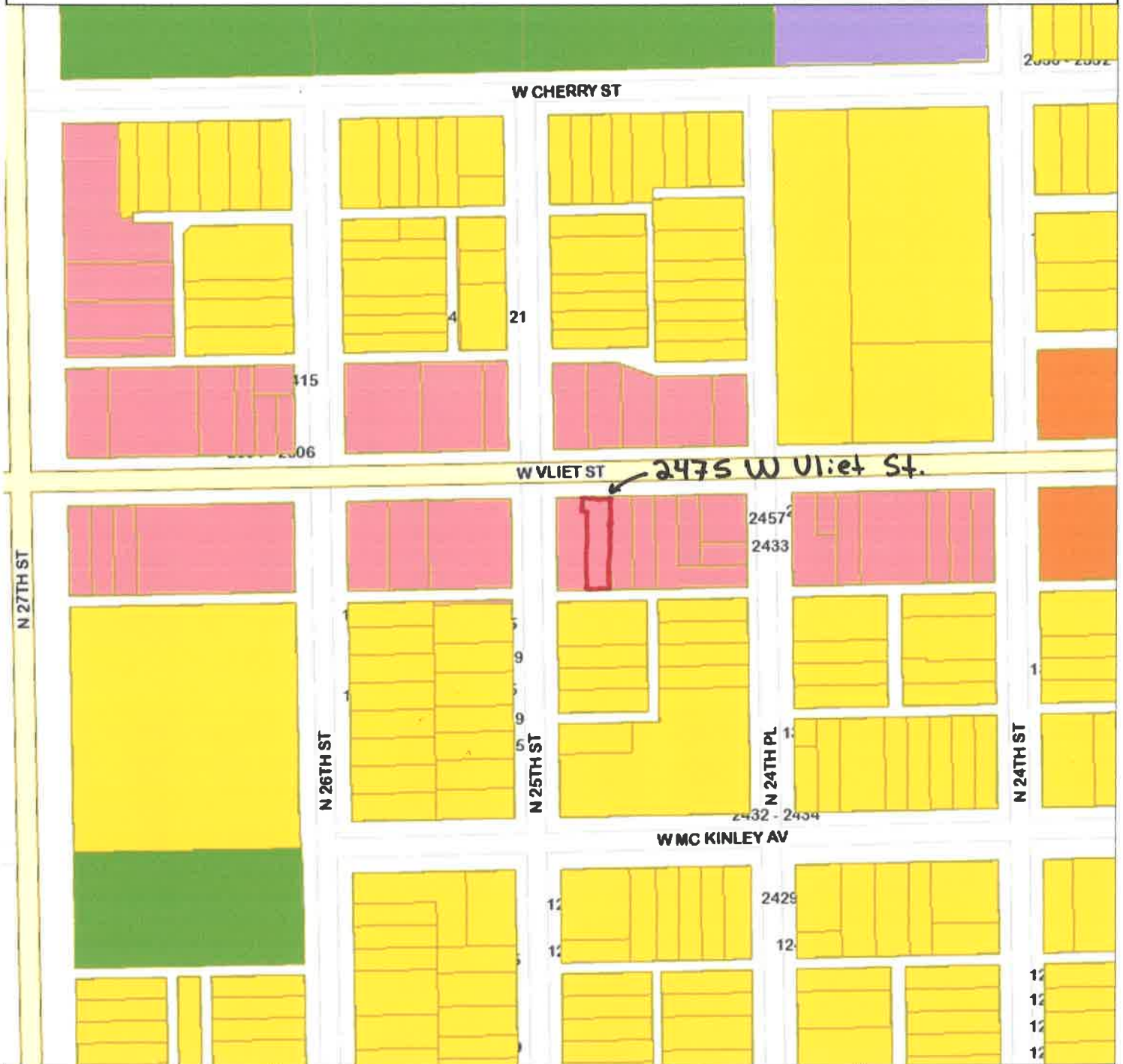
G.3. Verification of Zoning

© City of Milwaukee, Wisconsin
Map Milwaukee: Zoning

Disclaimer
5/11/2020

Map Scale: 1: 2,257

188.1 0 94.04 188.1 Feet



- Legend -

- Parcels - MPROP_lite
- Residential - single family
- Residential - two family
- Residential - multi-family
- Residential - residence and office
- Commercial - neighborhood shopping
- Commercial - local business

- service
- Commercial - regional business
- Commercial - central business
- Industrial - commercial
- Industrial - office
- Industrial - light
- Industrial - mixed
- Industrial - heavy
- Special - parks

- Notes -

F.3 Verification of Zoning



Department of Administration - ITMD

G.4 Signed Statement

WDNR BRRTS Case #: 03-41-286924

WDNR Site Name: Auto Repair on Vliet

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:

Ann Stivelberg (POA)
(print name/title)

[Signature] POA 5/11/20
(signature) (date)



AFFECTED
A
PROPERTY

RIGHT-OF-WAY

December 1, 2020

Mr. Jeffrey Polenske
City of Milwaukee – Public Works
841 North Broadway, Room 501
Milwaukee, WI 53202

SUBJECT: Notice of Closure Approval with Continuing Obligations for Rights-of-Way Holders for North 25th Street
Final Case Closure for Auto Repair on Vliet Street, 2481 W. Vliet Street, Milwaukee, WI 53205
BRRTS #: 03-41-286924, FID #: 341043340

Dear Mr. Polenske:

The Wisconsin Department of Natural Resources (DNR) recently approved the completion of environmental work done at the Auto Repair on Vliet site. This letter describes how that approval applies to the right-of-way (ROW) at North 25th Street. 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 May 18, 2020, you received information from METCO about the petroleum volatile organic compounds (PVOCs) contamination in the ROW from the Auto Repair on Vliet site, located at 2481 W. Vliet Street, and about the continuing obligations. Continuing obligations are meant to limit exposure to any remaining contamination.

Applicable Continuing Obligations

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

Groundwater Contamination Equals or Exceeds Enforcement Standards (Wis. Admin. Code ch. NR 140 and § NR 812.09 (4) (w))

Groundwater contamination which equals or exceeds the enforcement standards for PVOCs is present in the North 25th Street ROW, as shown on the enclosed map (Fig. B.3.b., “Groundwater Isoconcentration,” dated August 24, 2016). To construct a new well or reconstruct an existing well, the property owner must obtain prior DNR approval. Additional casing may be necessary to prevent contamination of the well.

Send all written notifications in accordance with these requirements to 2300 N. Dr. MLK Jr. Drive, Milwaukee, WI 53212, to the attention of the Environmental Program Associate.

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 03-41-286924 in the **Activity Number** field in the initial screen, then click on **Search**. Scroll down and click on the **CO Packet** link

Auto Repair on Vliet (BRRTS #: 03-41-286924)
December 1, 2020

AFFECTED
A
PROPERTY

RIGHT-OF-WAY

Page 2

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 the DNR Project Manager, Riley Neumann, at (414) 750-7030 or via email at riley.neumann@wisconsin.gov with any questions or concerns.

Sincerely,



Timothy G. Alessi, P.G.
Southeast Region Team Supervisor
Remediation & Redevelopment Program

Enclosure:

- Fig. B.3.c., "Groundwater Isoconcentration," August 24, 2016

cc: Raisa Beyder (c/o Anna Shtivelberg) (electronic)
Ron Anderson, METCO (electronic)
Jason Powell, METCO (electronic)

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PROPERTY

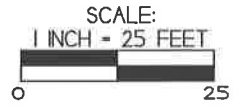
RIGHT-OF-WAY

B.3.b GROUNDWATER ISOCONCENTRATION (1/07/20)
AUTO REPAIR ON VLIET

MILWAUKEE, WISCONSIN
 709 Gilette St., Suite 3
 La Crosse, WI 54603
 Tel: (608) 781-8879
 Fax: (608) 781-8893

METCO
 Excellence through experience

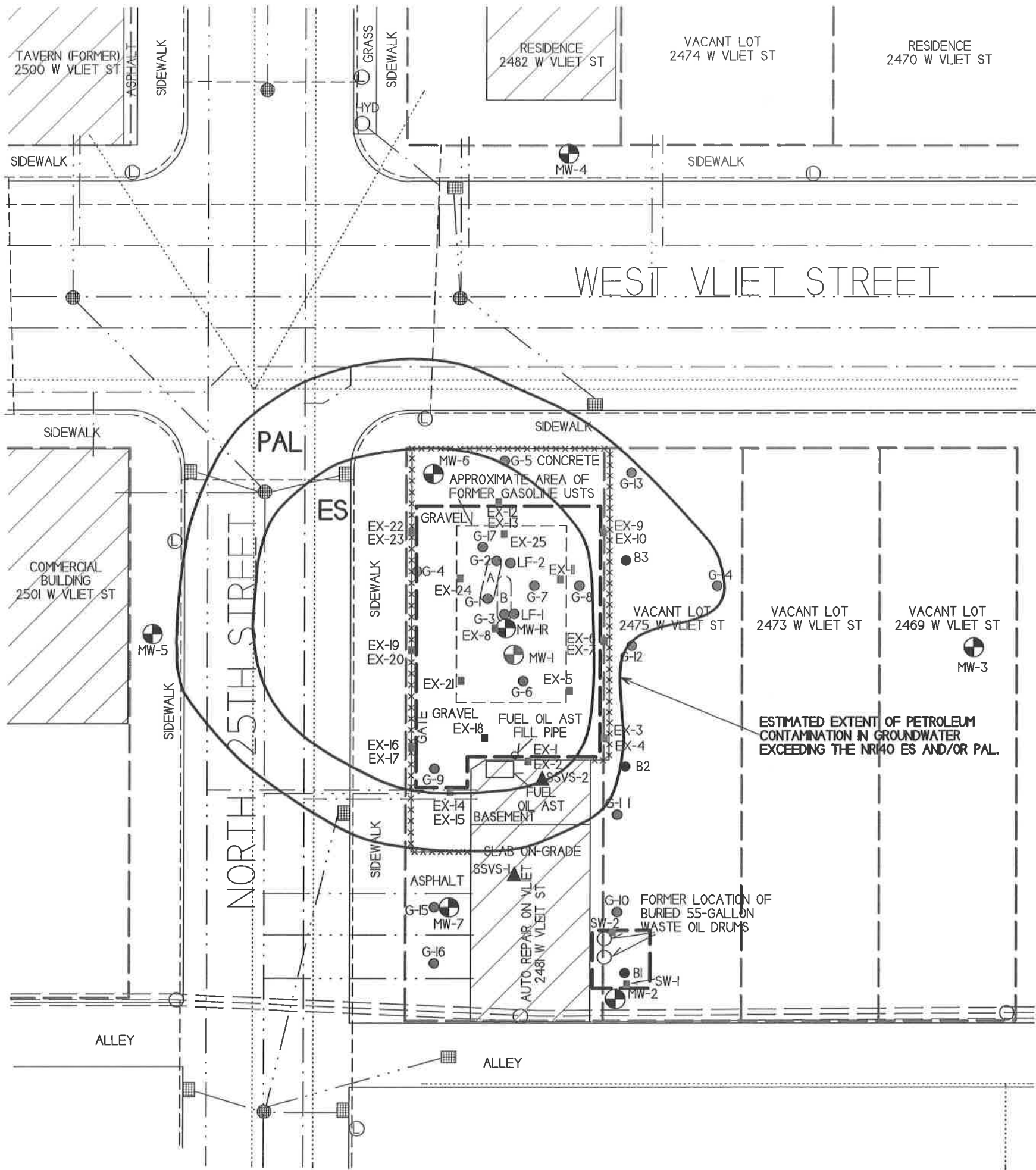
DRAWN BY: ED
 DATE: 8/24/16



NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
- B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

- - UTILITY POLE
- ⊙ - STREET LIGHT
- - SEWER MAN HOLE
- - STORM DRAIN
- - EXCAVATION SAMPLE LOCATION
- - SOIL BORING LOCATION (GILES P2ESA)
- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ⊕ - MONITORING WELL LOCATION (ABANDONED)
- ▲ - SUB SLAB VAPOR SAMPLE LOCATION
- — — — — - PROPERTY BOUNDARY
- — — — — - WATER LINE
- · — · — · — - SEWER LINE
- · — · — · — - NATURAL GAS LINE
- · — · — · — - BURIED ELECTRIC LINE
- ≡ ≡ ≡ ≡ ≡ - OVERHEAD UTILITIES
- - - - - - - - TELEPHONE/CABLE LINE
- ***** - FENCE





AFFECTED
B
PROPERTY

December 1, 2020

Mathew Reimer
Redevelopment Authority City of Milwaukee
809 N. Broadway
Milwaukee, WI 53202

KEEP THIS LEGAL DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Continuing Obligations and Property Owner Requirements for 2475 W. Vliet Street
Parcel Identification Number: 3641418000
Final Case Closure for Auto Repair on Vliet, 2481 W. Vliet Street, Wisconsin
BRRTS #: 03-41-28692, FID #: 341043340

Dear Mr. Reimer:

The purpose of this letter is to notify you that you are responsible for certain continuing obligations applied to your property at 2475 W. Vliet Street, Milwaukee, Wisconsin, parcel ID number 3641418000 (Property) due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved by the Wisconsin Department of Natural Resources (DNR) for the Auto Repair on Vliet site, located at 2481 W. Vliet Street, Milwaukee, Wisconsin (Site). The Site is referenced by the location of the source of contamination, i.e., the property where the original hazardous substance discharge or environmental pollution occurred, prior to contamination migrating to the Property. The continuing obligations that apply to the Property are included in this letter and are stated as conditions in the closure approval letter and are consistent with Wisconsin Statute (Wis. Stat.) § 292.12 and Wisconsin Administrative Code (Wis. Admin. Code) chs. NR 700-799. Continuing obligations are intended to limit exposure to remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist.

It is common for properties to have continuing obligations as part of case closure approvals when contamination remains in the environment for a specific reason. Information on the continuing obligations associated with this Site, including the case closure approval letter, is available in the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) at dnr.wi.gov, search "BOTW." Enter 03-41-286924 in the **Activity Number** field and then click **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 viewer, RR Sites Map. RR Sites Map can be found online at dnr.wi.gov, search "RRSM."

The DNR reviewed and approved the case closure request regarding the petroleum volatile organic compounds contamination in soil, groundwater, and the vapor phase at this Site, based on information submitted by METCO. As required by state law, you received notification about the requested case closure from the person conducting the cleanup on May 18, 2020. No further investigation or cleanup is required at this time. However, the case closure decision is conditioned upon long-term compliance with the continuing obligations at the Property.

Continuing Obligations Applicable to the Property

Continuing obligations associated with the Site are described in the attached case closure letter to Raisa Beyder, dated November 23, 2020. However, only the following continuing obligations apply to the Property.

Residual Soil Contamination (Wis. Admin. Code chs. NR 718, NR 500-599, and § NR 726.15 (2) (b), and Wis. Stat. ch. 289)

Soil contamination remains on the Property as indicated on the enclosed map (Fig. B.2.b., “Soil Contamination,” dated May 1, 2020). If soil in the location(s) shown on the map is excavated in the future, the Property owner or right-of-way (ROW) holder at the time of excavation must sample and analyze the excavated soil. If sampling confirms that contamination is present, the Property owner or ROW holder at the time of excavation will need to determine if the material is considered solid waste and ensure that any storage, treatment, or disposal complies with applicable standards and rules. Contaminated soil may be managed under Wis. Admin. Code ch. NR 718 with prior DNR approval.

In addition, all current and future Property owners, occupants, and ROW holders need to be aware that excavation of the contaminated soil may pose an inhalation and direct contact hazard; special precautions may be needed to prevent a threat to human health.

Pre-Approval is Required for Well Construction (Wis. Admin. Code § NR 812.09 (4) (w))

DNR approval is required before well construction or reconstruction for all sites identified as having residual contamination and/or continuing obligations. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, the property owner is required to complete and submit Form 3300-254, “Continuing Obligations/Residual Contamination Well Approval Application,” to the DNR Drinking and Groundwater program’s regional water supply specialist. A well driller can help complete this form. The form can be obtained online at dnr.wi.gov, search “3300-254.” Additional casing may be necessary to help prevent contamination of the well.

Property Owner Responsibilities (Wis. Stat. § 292.12 & § 709.02, Wis. Admin. Code § NR 727.05)

The Property owner (you and any subsequent Property owner) is responsible for compliance with the continuing obligations in this letter, pursuant to Wis. Stat. § 292.12. You are required to notify anyone who purchases the Property from you of the responsibility to comply with the continuing obligations in this letter, in accordance with Wis. Admin. Code § NR 727.05 (2). For residential property transactions, you are required to make disclosures under Wis. Stat. § 709.02.

If you lease or rent the Property to an occupant who will be responsible for maintaining a continuing obligation, you must include that responsibility in a lease agreement, in accordance with Wis. Admin. Code § NR 727.05 (3).

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the DNR. The DNR intends to conduct periodic inspections to ensure that the conditions included in this letter, including compliance with referenced maintenance plans, are met.

Please send written notifications to the Environmental Program Associate. Send documents to the DNR using the RR Program Submittal Portal at dnr.wi.gov, search “RR submittal portal”

(<https://dnr.wi.gov/topic/Brownfields/Submittal.html>). Questions on using this portal can be directed to the contact below or to the environmental program associate (EPA) for the regional DNR office. Visit dnr.wi.gov, search “RR contacts” and select the EPA tab (<https://dnr.wi.gov/topic/Brownfields/Contact.html>). More information on submitting electronic documents can be found in the DNR publication “Guidance for Electronic Submittal for the Remediation and Redevelopment Program” (RR-690), which can be found at dnr.wi.gov, search “RR-690.”

The DNR fact sheet, RR-819, “Continuing Obligations for Environmental Protection” explains a property owner’s responsibility for continuing obligations on their property. This fact sheet should have been sent to you when you

received a notification letter before the case closure request was submitted to the DNR. You may obtain a copy at dnr.wi.gov by searching “RR-819.”

Under Wis. Stat. § 292.13 owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that migrated onto a property from another property. However, the exemption under Wis. Stat. § 292.13 does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with Wis. Stat. § 292.12. To maintain this exemption, that statute requires the current property owner and any subsequent property owners to meet the conditions in the statute, including:

- Granting reasonable access to the DNR, responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The DNR appreciates your cooperation to restore the environment at this site. If you have any questions regarding this closure decision or anything stated in this letter, please contact the DNR Project Manager, Riley Neumann, at (414) 750-7030 or via email at riley.neumann@wisconsin.gov.

Sincerely,



Timothy G. Alessi, P.G.
Southeast Region Team Supervisor
Remediation & Redevelopment Program

Enclosure:

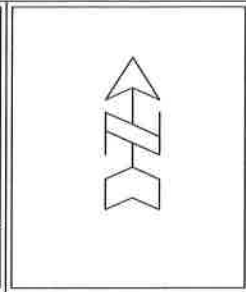
- Fig. B.2.a, “Soil Contamination,” May 1, 2020

cc: Raisa Beyder (c/o Anna Shtivelberg), electronic
Ron Anderson, METCO (electronic)
Jason Powell, METCO (electronic)

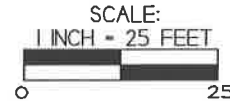
**AFFECTED
B
PROPERTY**

**B.2.d. SOIL CONTAMINATION
AUTO REPAIR ON VLIET**

	799 Gillette St, Suite 3 La Crosse, WI 54603 Tel: (608) 781-8879 Fax: (608) 781-8893	MILWAUKEE, WISCONSIN
	DRAWN BY: ED DATE: 8/24/16 UPDATED BY: KF 5/1/20	



NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER



- A - FORMER PUMP ISLAND (2005, 1985, 1980, 1975, AND 1967 AERIAL PHOTOS)
- B - FORMER PUMP ISLAND (1951 AERIAL PHOTO)

** - DIRECT CONTACT FALL-OUT DUE TO cPAH CALCULATOR (BORING B-2/B-3)

- - UTILITY POLE
- ⊙ - STREET LIGHT
- - SEWER MAN HOLE
- - STORM DRAIN
- - EXCAVATION SAMPLE LOCATION
- - SOIL BORING LOCATION (GILES P2ESA)
- - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ⊕ - MONITORING WELL LOCATION (ABANDONED)
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