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

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
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July 23, 2019

JAMES BARKER
644 EVERGREEN DR
GRAND MARSH WI 53936

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Krivanek Property, N3475 County Highway M, Town of Packwaukee, WI
DNR BRRTS Activity #: 03-39-001727

Dear Mr. Barker:

The Department of Natural Resources (DNR) considers Krivanek Property closed, with continuing obligations. No further investigation or remediation is required at this time. The closure applies to Volatile Organic Compounds (VOCs), Polycyclic Aromatic Hydrocarbons (PAHs), and Lead in soil and/or groundwater. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you. For residential property transactions, you may be required to make disclosures under s. 709.02, Wis. Stats. Certain continuing obligations also apply to rights-of-way holders. These are identified within each continuing obligation.

This final closure decision is based on the correspondence and data provided and is issued under chs. NR 726 and 727, Wis. Adm. Code. The Northeast Region (NER) Closure Committee reviewed the request for closure on May 2, 2019. The DNR Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for remaining actions needed was issued by the DNR on June 24, 2019, and documentation that the conditions in that letter were met was received on July 8, 2019.

A former gas station operated on the property until the early 1970s. The underground storage tanks (USTs) remained in use until 1992 when they were removed. Groundwater monitoring was conducted in response to the soil and groundwater contamination identified during the UST removal. The conditions of closure and continuing obligations required were based on the property being used for residential purposes.

Continuing Obligations

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

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Remaining contamination could result in vapor intrusion if future construction activities occur. Future construction includes expansion or partial removal of current buildings as well as construction of new buildings. Vapor control technologies will be required for occupied buildings, unless the property owner assesses the potential for vapor intrusion, and the DNR agrees that vapor control technologies are not needed.

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

DNR Database

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

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

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

Closure Conditions

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

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

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

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the attached map Groundwater Isoconcentration (1/10/2019), Figure B.3.b, 1/7/2013. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. Affected property owners and right-of-way holders were notified of the presence of groundwater contamination. This continuing obligation also applies to the ROW holders for County Highway M.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains on the eastern portion of the property as indicated on the attached map, Residual Soil Contamination, Figure B.2.b, 1/7/2013. If soil in the specific locations described above is excavated in the future, the property owner or right-of-way holder at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner or right-of-way holder at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

In addition, all current and future owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Vapor Mitigation or Evaluation (s. 292.12 (2), Wis. Stats., s. NR 726.15, s. NR 727.07, Wis. Adm. Code)
Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

Future Concern: Petroleum VOCs and Naphthalene remain in soil and/or groundwater along the eastern portion of the property, as shown on the attached map, Residual Soil Contamination, Figure B.2.b, 1/7/2013 and Groundwater Isoconcentration (1/10/2019), Figure B.3.b, 1/7/2013, at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. There is currently a residence and shed on the eastern half of the property. Therefore, before a building is constructed and/or an existing building is modified, the property owner must notify the DNR at least 45 days before the change. Vapor control technologies are required for construction of occupied buildings unless the property owner assesses the vapor pathway and the DNR agrees that vapor control technologies are not needed.

Other Closure Information

General Wastewater Permits for Construction Related Dewatering Activities

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

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

PECFA Reimbursement

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

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

In Closing

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

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

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

Sincerely,

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

Attachments:
- Groundwater Isoconcentration (1/10/2019), Figure B.3.b, 1/7/2013
- Residual Soil Contamination, Figure B.2.b, 1/7/2013

cc: Ron Anderson, METCO, rona@metcohq.com

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

SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

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

Site Information

BRRTS No.	VPLE No.
03-39-001727	

Parcel ID No.
022014860000

FID No.	WTM Coordinates X	WTM Coordinates Y
439019020	562954	366035

BRRTS Activity (Site) Name
Krivanek Property

WTM Coordinates Represent: ☒ Source Area ☐ Parcel Center

Site Address	City	State	ZIP Code
N3475 County Highway M	Packwaukee	WI	53953

Acres Ready For Use
1.95

Responsible Party (RP) Name
James Barker

Company Name

Mailing Address	City	State	ZIP Code
644 Evergreen Dr.	Grand Marsh	WI	53936

Phone Number	Email
(608) 572-1079	

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

Environmental Consultant Name
Ron Anderson

Consulting Firm
METCO

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

Phone Number	Email
(608) 781-8879	rona@metcohq.com

Fees and Mailing of Closure Request

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

   ☐ $1,050 Closure Fee

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

   ☐ $300 Database Fee for Soil

   Total Amount of Payment $ _____

   ☒ 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 Krivanek Property, N3475 County Highway M, is located southwest of the intersection of CTH M and Liberty Street, Packwaukee, Wisconsin. The property is bound by CTH M to the east, residences to the north and south, and a wooded lot to the west.

B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.
A gas station/service garage operated on the subject property until the early 1970's. After Highway 51 was re-routed, the gas station closed and Mr. Krivanek used the UST's for fueling his business vehicles. The UST's remained in use until 1992.

It is not known when the gas station first opened. An aerial photo from 1938 shows that the property was farmland at that time. The gas station was built sometime afterward, most likely in the 1940's or 1950's. The subject property is currently used as a residence.

C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
According to the Marquette County Zoning Department, the Krivanek Property located at N3475 CTH M, is zoned AG-1 - Prime Agriculture. All surrounding properties are also zoned AG-1.

D. Describe how and when site contamination was discovered.
On November 5, 1992, Marell Inc. of Hillsboro removed a 1,000-gallon diesel UST, a 1,500-gallon gasoline UST, and a 500-gallon gasoline UST from the subject property. During the UST removal, one soil sample (#1) was collected beneath the 1,000-gallon diesel UST for DRO analysis. The soil analytical results showed 690 ppm DRO. The petroleum contamination was reported to the WDNR, who then required that a LUST investigation be conducted.

E. Describe the type(s) and source(s) or suspected source(s) of contamination.
The source of the contamination is from the former UST systems that existed to the northeast of the current residence building.

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

G. List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.
There have not been nor currently are any other BRRTS activities at this property.

H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.
No BRRTS activities exist immediately adjacent to this site.

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 soils consist of very fine to medium grained sand from surface to depths ranging from 9-13.5 feet below ground surface (bgs), underlain by silt to clay to sandy clay extending to at least 13.5 feet bgs.

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Fill or waste deposits were not encountered during the investigation.

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 sandstone bedrock is estimated to exist at approximately 200 feet bgs.

iv. Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).
The majority of the site is covered by grass, with the exclusion of the residence and the "shed" to its north, as well as the driveway which consists of gravel and broken asphalt. The area of the former UST systems is covered by grass.

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.

Depth to groundwater in the monitoring wells varied from 2.28 to 9.11 feet bgs during the investigation, depending on well location and time of year. Free product was not encountered in any monitoring wells. The stratigraphic unit where the water table is found is in the sand layer, and extends into the silt to clay to sandy clay layer.

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

Groundwater elevations measured in the monitoring wells indicated a local groundwater flow direction to be predominately towards the east, however, flow also varied towards the northeast. Groundwater flow deeper in the aquifer is unknown, as no piezometers were installed during the investigation.

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

On February 7, 2012 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 follows:

Monitoring Well MW-1
Hydraulic Conductivity (K) = 1.17E-03 cm/sec
Transmissivity = 2.21E-01 cm2/sec
Flow Velocity (V=KI/n) = 15.72368 m/yr

Monitoring Well MW-2
Hydraulic Conductivity (K) = 3.08E-03 cm/sec
Transmissivity = 6.05E-01 cm2/sec
Flow Velocity (V=KI/n) = 41.3565 m/yr

Monitoring Well MW-5
Hydraulic Conductivity (K) = 1.52E-04 cm/sec
Transmissivity = 3.38E-02 cm2/sec
Flow Velocity (V=KI/n) = 2.04326 m/yr

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

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

A private well supplies the subject property with potable water. The private well is located in the northwest corner inside the house, which is approximately 90 feet to the southwest of the former UST systems (up-gradient). The surrounding properties are all served by private potable wells. The location of the private potable well for the adjacent property (N3469 County Highway M) to the south of the subject property could not be located as the property owner refused to disclose its location. However, this property and the other properties to the north and south appear to be up/cross-gradient of the contamination plume. The nearest down-gradient private potable well exits approximately 215 feet to the northeast of the removed UST systems.

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 November 5, 1992, Marell Inc. of Hillsboro removed a 1,000-gallon diesel UST, a 1,500-gallon gasoline UST, and a 500-gallon gasoline UST from the subject property. During the UST removal, one soil sample (#1) was collected beneath the 1,000-gallon diesel UST for DRO analysis. (Site Investigation Report - January 21, 2014)

On December 10, 2002, MSA completed seven Geoprobe borings (B-1 thru B-7) at the subject property during a preliminary site investigation. The Geoprobe borings were advanced to 8 feet bgs with continuous soil samples collected for PID analysis. One soil sample was collected from each boring just above the watertable for DRO, GRO, and PVOC analysis. Groundwater samples were collected from five of the borings for PVOC analysis. (Site Investigation Report - January 21, 2014)

On October 18 & 19, 2011, METCO supervised the completion of ten Geoprobe borings (G-1 through G-10) to depths ranging from 10 to 13.5 feet bgs. Twenty soil samples and ten groundwater samples were collected for field and/or laboratory analysis. METCO also supervised the installation of five monitoring wells (MW-1 through MW-5). Two additional soil samples were collected from MW-4 for field analysis. (Site Investigation Report - January 21, 2014)

On February 7, 2012, METCO collected groundwater samples from the five monitoring wells (MW-1 through MW-5) and the on-site private well for field and laboratory analysis (Round 1). (Site Investigation Report - January 21, 2014)

On September 11, 2012, METCO supervised the completion of three soil borings and the installation of three monitoring wells (MW-6 thru MW-8). Nine soil samples were collected for field analysis. Upon completion, the wells were properly developed. (Site Investigation Report - January 21, 2014)

On October 3, 2012, METCO collected groundwater samples from the eight monitoring wells (MW-1 through MW-8), the on-site private well, and a neighboring property well (N3591 County Highway M) for field and laboratory analysis (Round 2). (Site Investigation Report - January 21, 2014)

On March 27, 2013, METCO collected groundwater samples from the eight monitoring wells (MW-1 through MW-8), the on-site private well, and a neighboring property well (N3591 County Highway M) for field and laboratory analysis (Round 3). (Site Investigation Report - January 21, 2014)

June 27, 2013, METCO collected groundwater samples from the eight monitoring wells (MW-1 through MW-8), the on-site private well, and a neighboring property well (N3591 County Highway M) for field and laboratory analysis (Round 4). (Site Investigation Report - January 21, 2014)

October 1, 2013, METCO collected groundwater samples from the eight monitoring wells (MW-1 through MW-8), the on-site private well, and a neighboring property well (N3591 County Highway M) for field and laboratory analysis (Round 5). (Site Investigation Report - January 21, 2014)

January 10, 2019, METCO collected groundwater samples from the eight monitoring wells (MW-1 through MW-8) and the on-site private well for field and laboratory analysis (Round 6). (Attachment C)

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.

Petroleum contamination in soil and groundwater does not extend beyond the source 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, which exceeds the NR720 Groundwater RCL values, exists in the area of the former pump island and USTs. The area measures up to 38 feet long, 30 feet wide, and 8 feet thick.

The unsaturated soil contaminant plume does not appear to come into contact with any utility corridors, therefore it does not appear that any utility corridors are acting as a preferential migration pathway for contamination.

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

Soil contamination exceeding the NR720 RCLs exists in the upper four feet of the soil column exists in the following location:

G-3-1 at 3 feet bgs: 27.0 ppm Lead.

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 "Prime Agriculture", therefore the non-industrial standards were used.

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 watertable in the area of the former pump island and has migrated toward the east. This plume is approximately up to 115 feet long and 39 feet wide.

The extent of petroleum contamination in groundwater does not come into contact with any utility corridors or building foundation drain systems.

Private water supply wells exists in the area of the subject property. Laboratory analysis of the on-site potable well and the nearest downgradient potable well (N3591 County Highway M) showed detects for petroleum compounds.

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.
No free product was encountered at this site.

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.
Regarding vapor intrusion, it does not appear that soil or groundwater contamination extends underneath any structures. No vapor risks appear to be a concern at this site due to no free product, benzene levels less than 1,000 ppb, and contaminant plume not below any buildings.

ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).
No indoor air or sub slab vapor samples were collected.

E. Surface Water and Sediment

i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.
The nearest surface water is Buffalo Lake, approximately 2,000 feet to the southeast of the subject property. It does not appear that the petroleum contamination has impacted any surface waters.

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 November 5, 1992, Marell Inc. of Hillsboro removed a 1,000-gallon diesel UST, a 1,500-gallon gasoline UST, and a 500-gallon gasoline UST from the subject property. During the UST removal, one soil sample (#1) was collected beneath the 1,000-gallon diesel UST for DRO analysis. (Site Investigation Report - January 21, 2014)

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 November 5, 1992, Marell Inc. of Hillsboro removed a 1,000-gallon diesel UST, a 1,500-gallon gasoline UST, and a 500-gallon gasoline UST from the subject property. During the UST removal, one soil sample (#1) was collected beneath the 1,000-gallon diesel UST for DRO analysis. (Site Investigation Report - January 21, 2014)

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 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, which exceeds the NR720 Groundwater RCL values exists in the area of the former pump island and USTs. The area measures up to 38 feet long, 30 feet wide, and 8 feet thick.

A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the former pump island and has migrated toward the east. This plume is approximately up to 115 feet long and 39 feet wide.

Petroleum contamination in soil and groundwater does not extend beyond the source property boundary.

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

There is no residual soil contamination within the upper four feet of ground surface which exceeds the NR720 Non-Industrial Direct Contact RCL values.

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

Residual unsaturated soil contamination above the observed low water table which currently exceeds NR720 Groundwater RCLs remains in the following locations:

G-2-2 at 7 feet bgs: 3.7 ppm Ethylbenzene, 2.77 ppm Naphthalene, 1.2 ppm Toluene, 55.3 ppm Trimethylbenzene, and 40.8 ppm Xylene.

G-3-1 at 3 feet bgs: 27.0 ppm Lead.

G-4-2 at 7 feet bgs: 2.1 ppm Ethylbenzene, 4.2 ppm Naphthalene, 54 ppm Trimethylbenzenes, and 39.5 ppm Xylene.

G-6-2 at 7 feet bgs: 0.810 ppm Benzene, 25.6 ppm Ethylbenzene, 10.4 ppm Naphthalene, 35 ppm Toluene, 162 ppm Trimethylbenzenes, and 138 ppm 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 and groundwater contamination will be addressed by natural attenuation.

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

Based on the groundwater analytical trends, groundwater contamination levels appear to be decreasing and it appears that natural attenuation will be effective in reducing contaminant mass and concentration.

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

Area of unsaturated soil contamination is limited in extent. Risk of vapor intrusion appears unlikely. Any remaining exposure pathways in groundwater 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 is anticipated to be left in place after site closure.

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.

The only monitoring well that currently exceeds the NR140 ES and/or PAL is:

MW-1: 4.6 ppb Lead, 11.6 ppb Benzene, 145 ppb Ethylbenzene, 360 ppb Toluene, 489 ppb Trimethylbenzenes, and 844 ppb Xylene.

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

No indoor air or sub-slab vapor samples were collected.

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

No surface water or sediment samples were collected.

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

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

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

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

6. Underground Storage Tanks

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

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

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

General Instructions

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

Data Tables (Attachment A)

Directions for Data Tables:

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

A. Data Tables

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

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

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

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

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

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

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

Maps, Figures and Photos (Attachment B)

Directions for Maps, Figures and Photos:

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

B.1. Location Maps

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

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

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

B.2. Soil Figures

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

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

B.3. Groundwater Figures

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

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

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

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

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

B.4. Vapor Maps and Other Media

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

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

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

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

Documentation of Remedial Action (Attachment C)

Directions for Documentation of Remedial Action:

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

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

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

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

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

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

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

Maintenance Plan(s) and Photographs (Attachment D)

Directions for Maintenance Plans and Photographs:

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

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

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

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

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

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

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

Monitoring Well Information (Attachment E)

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

Select One:

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

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

◯ ***Select One or More:***

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

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

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

Source Legal Documents (Attachment F)

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

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

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

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

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

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

Notifications to Owners of Affected Properties (Attachment G)

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

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

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

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

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

Notifications to Owners of Affected Properties (Attachment G)

ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	Reasons Notification Letter Sent: Residual Groundwater Contamination = or > ES	Residual Soil Contamination Exceeds RCLs	Monitoring Wells: Not Abandoned	Monitoring Wells: Continued Monitoring	Cover/Barrier/Engineered Control	Structural Impediment	Industrial RCLs Met/Applied	Vapor Mitigation System(VMS)	Dewatering System Needed for VMS	Compounds of Concern in Use	Commercial/Industrial Vapor Exposure Assumptions Applied	Residual Volatile Contamination Poses Future Risk of Vapor Intrusion	Site Specification Situation
A	County Hwy M		05/16/2019	ROWH	562978	366035	X												
B																			
C																			
D																			

Signatures and Findings for Closure Determination

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

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

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

Engineering Certification

I, Jill C. Mickelson, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this 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 _____ P. E. # 42598-6

Title Senior Engineer P.E. Stamp

Hydrogeologist Certification

I, Ronald J. Anderson, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Signature _____

Title Senior Hydrogeologist/Project Manager Date 4/11/19

Attachment A/Data Tables

A.1 Groundwater Analytical Tables

A.2 Soil Analytical Results Table

A.3 Residual Soil Contamination Table

A.4 Vapor Analytical Table - No vapor samples were assessed as part of the site investigation.

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

A.6 Water Level Elevations

A.7 Other – Natural Attenuation Data and Flow Velocity Calculations

A.1 Groundwater Analytical Table
Krivanek Property BRRTS# 03-39-001727

Well MW-1
PVC Elevation = 782.60 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
02/07/12	775.80	6.80	**24.1**	**78**	*510*	<40	**192**	**1710**	**1043**	**3390**
10/03/12	774.42	8.18	*14.1*	<23	128	<28.5	<115	*251*	**537**	*933*
03/27/13	776.59	6.01	**131**	**90**	*630*	<2.3	**189**	**2090**	**1039**	**3610**
06/27/13	779.81	2.79	<0.7	**48**	*288*	<11.5	<85	**1190**	*466*	*1770*
10/01/13	776.20	6.40	**408.8**	**171**	**970**	<7.4	**271**	**3150**	**1970**	**5810**
01/10/19	779.78	2.82	*4.6*	**11.6**	*145*	<28.5	<85	*360*	**489**	*844*
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 = 782.84 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
02/07/12	776.29	6.55	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
10/03/12	774.21	8.63	NS	<0.46	<0.46	<0.57	<2.3	<0.48	<1.57	<1.45
03/27/13	776.52	6.32	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
06/27/13	779.80	3.04	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
10/01/13	775.96	6.88	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
01/10/19	780.06	2.78	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
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 = 782.46 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
02/07/12	775.66	6.80	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
10/03/12	773.35	9.11	NS	<0.46	<0.46	<0.57	<2.3	<0.48	<1.57	<1.45
03/27/13	776.03	6.43	NS	<0.24	0.55	<0.23	<1.7	<0.69	2.72-4.12	3.15
06/27/13	778.85	3.61	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
10/01/13	775.51	6.95	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
01/10/19	779.51	2.95	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
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
Krivanek Property BRRTS# 03-39-001727

Well MW-4
PVC Elevation = 781.96 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
02/07/12	776.09	5.87	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
10/03/12	773.45	8.51	NS	<0.46	<0.46	<0.57	<2.3	<0.48	<1.57	<1.45
03/27/13	776.03	5.93	NS	<0.24	4.1	<0.23	<1.7	1.16	16.5	14.3
06/27/13	779.34	2.62	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
10/01/13	775.74	6.22	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
01/10/19	779.32	2.64	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
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-5
PVC Elevation = 781.45 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
02/07/12	775.75	5.70	*14.4*	**71**	*510*	<40	**216**	**1580**	**1288**	**3800**
10/03/12	773.87	7.58	*5*	**239**	**750**	<28.5	**171**	**2460**	**1173**	*1750*
03/27/13	776.53	4.92	**16.7**	**102**	*221*	<11.5	**244**	**1020**	**680**	*1930*
06/27/13	779.17	2.28	**58.7**	*1.18*	21.5	<0.23	6.8	2.44	56.4	64.2
10/01/13	775.36	6.09	**35.5**	**52**	*206*	<0.37	*76*	*171*	*332*	*608*
01/10/19	778.97	2.48	<0.8	<0.22	27.6	<0.28	7.0	2.1	76	138.1
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-6
PVC Elevation = 781.63 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/03/12	773.16	8.47	*5*	**15.8**	103	<8	*27.2*	9.3	*132*	220
03/27/13	776.24	5.39	<0.7	*0.72*	5.4	<0.23	<1.7	<0.69	7.17	2.05-2.68
06/27/13	778.27	3.36	<0.7	*1.79*	40	<0.23	*18*	6.2	28	40.7
10/01/13	774.60	7.03	<0.7	*1.64*	6.5	<0.37	5	<0.8	6.3	1.05-2.65
01/10/19	778.20	3.43	NS	0.231	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
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
Krivanek Property BRRTS# 03-39-001727

Well MW-7
PVC Elevation = 781.46 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/03/12	773.20	8.26	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
03/27/13	775.82	5.64	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
06/27/13	777.82	3.64	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
10/01/13	774.28	7.18	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
01/10/19	778.21	3.25	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
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-8
PVC Elevation = 781.66 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/03/12	773.37	8.29	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
03/27/13	776.25	5.41	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
06/27/13	778.20	3.46	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
10/01/13	774.52	7.14	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
01/10/19	777.96	3.70	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
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).

On-site Private Well – N3475 CTH M

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
02/07/12	NM	NM	<0.7	<0.5	<0.78	<0.8	<2.1	<0.53	<1.54	<1.9
10/03/12	NM	NM	<0.7	<0.46	<0.46	<0.57	<2.3	<0.48	<1.57	<1.45
03/27/13	NM	NM	<0.7	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
06/27/13	NM	NM	<0.7	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
10/01/13	NM	NM	<0.7	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
01/10/19	NM	NM	NS	<0.22	<0.53	<0.57	<1.7	<0.45	<1.48	<1.58
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
Krivanek Property BRRTS# 03-39-001727

Private Well – N3591 Liberty St. (County Road M)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
10/03/12	NM	NM	<0.7	<0.46	<0.46	<0.57	<2.3	<0.48	<1.57	<1.45
03/27/13	NM	NM	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
06/27/13	NM	NM	NS	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
10/01/13	NM	NM	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
01/10/19	NM	NM	NS	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
(VOC's)
Krivanek Property BRRTS# 03-39-001727

Well Sampling Conducted on:	02/07/12	02/07/12	02/07/12	02/07/12	02/07/12	02/07/12	10/03/12	10/03/12	10/03/12	ENFORCEMENT STANDARD = ES – Bold	*PREVENTIVE ACTION LIMIT = PAL - Italics*
VOC's											
Well Name	MW-1	MW-2	MW-3	MW-4	MW-5	On-site Private Well	MW-6	MW-7	MW-8		
Lead/ppb	**24.1**	< 0.7	< 0.7	< 0.7	*14.4*	< 0.7	*5*	< 0.7	< 0.7	**15**	*1.5*
Benzene/ppb	**78 "J"**	< 0.5	< 0.5	< 0.5	**71 "J"**	< 0.5	**15.8 "J"**	< 0.5	< 0.5	**5**	*0.5*
Bromobenzene/ppb	< 37	< 0.74	< 0.74	< 0.74	< 37	< 0.74	< 7.4	< 0.74	< 0.74	==	==
Bromodichloromethane/ppb	< 34	< 0.68	< 0.68	< 0.68	< 34	< 0.68	< 6.8	< 0.68	< 0.68	**0.6**	*0.06*
Bromoform/ppb	< 21.5	< 0.43	< 0.43	< 0.43	< 21.5	< 0.43	< 4.3	< 0.43	< 0.43	**4.4**	*0.44*
tert-Butylbenzene/ppb	< 35.5	< 0.71	< 0.71	< 0.71	< 35.5	< 0.71	< 7.1	< 0.71	< 0.71	==	==
sec-Butylbenzene/ppb	< 50	< 1	< 1	< 1	< 50	< 1	< 10	< 1	< 1	==	==
n-Butylbenzene/ppb	< 45	< 0.9	< 0.9	< 0.9	< 45	< 0.9	< 9	< 0.9	< 0.9	==	==
Carbon Tetrachloride/ppb	< 23.5	< 0.47	< 0.47	< 0.47	< 23.5	< 0.47	< 4.7	< 0.47	< 0.47	**5**	*0.5*
Chlorobenzene/ppb	< 25.5	< 0.51	< 0.51	< 0.51	< 25.5	< 0.51	< 5.1	< 0.51	< 0.51	==	==
Chloroethane/ppb	< 70	< 1.4	< 1.4	< 1.4	< 70	< 1.4	< 14	< 1.4	< 1.4	**400**	*80*
Chloroform/ppb	< 24.5	< 0.49	< 0.49	< 0.49	< 24.5	< 0.49	< 4.9	< 0.49	< 0.49	**6**	*0.6*
Chloromethane/ppb	< 95	< 1.9	< 1.9	< 1.9	< 95	< 1.9	< 19	< 1.9	< 1.9	**30**	*3*
2-Chlorotoluene/ppb	< 35	< 0.7	< 0.7	< 0.7	< 35	< 0.7	< 7	< 0.7	< 0.7	==	==
4-Chlorotoluene/ppb	< 22	< 0.44	< 0.44	< 0.44	< 22	< 0.44	< 4.4	< 0.44	< 0.44	==	==
1,2-Dibromo-3-chloropropane/ppb	< 140	< 2.8	< 2.8	< 2.8	< 140	< 2.8	< 28	< 2.8	< 2.8	**0.2**	*0.02*
Dibromochloromethane/ppb	< 27.5	< 0.55	< 0.55	< 0.55	< 27.5	< 0.55	< 5.5	< 0.55	< 0.55	**60**	*6*
1,4-Dichlorobenzene/ppb	< 49	< 0.98	< 0.98	< 0.98	< 49	< 0.98	< 9.8	< 0.98	< 0.98	**75**	*15*
1,3-Dichlorobenzene/ppb	< 43.5	< 0.87	< 0.87	< 0.87	< 43.5	< 0.87	< 8.7	< 0.87	< 0.87	**600**	*120*
1,2-Dichlorobenzene/ppb	< 38	< 0.76	< 0.76	< 0.76	< 38	< 0.76	< 7.6	< 0.76	< 0.76	**600**	*60*
Dichlorodifluoromethane/ppb	< 90	< 1.8	< 1.8	< 1.8	< 90	< 1.8	< 18	< 1.8	< 1.8	**1000**	*200*
1,2-Dichloroethane/ppb	< 25	< 0.5	< 0.5	< 0.5	< 25	< 0.5	< 5	< 0.5	< 0.5	**5**	*0.5*
1,1-Dichloroethane/ppb	< 49	< 0.98	< 0.98	< 0.98	< 49	< 0.98	< 9.8	< 0.98	< 0.98	**850**	*85*
1,1-Dichloroethene/ppb	< 30	< 0.6	< 0.6	< 0.6	< 30	< 0.6	< 6	< 0.6	< 0.6	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	< 37	< 0.74	< 0.74	< 0.74	< 37	< 0.74	< 7.4	< 0.74	< 0.74	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 39.5	< 0.79	< 0.79	< 0.79	< 39.5	< 0.79	< 7.9	< 0.79	< 0.79	**100**	*20*
1,2-Dichloropropane/ppb	< 20	< 0.4	< 0.4	< 0.4	< 20	< 0.4	< 4	< 0.4	< 0.4	**5**	*0.5*
2,2-Dichloropropane/ppb	< 95	< 1.9	< 1.9	< 1.9	< 95	< 1.9	< 19	< 1.9	< 1.9	==	==
1,3-Dichloropropane/ppb	< 35.5	< 0.71	< 0.71	< 0.71	< 35.5	< 0.71	< 7.1	< 0.71	< 0.71	==	==
Di-isopropyl ether/ppb	< 34.5	< 0.69	< 0.69	< 0.69	< 34.5	< 0.69	< 6.9	< 0.69	< 0.69	==	==
EDB (1,2-Dibromoethane)/ppb	< 31.5	< 0.63	< 0.63	< 0.63	< 31.5	< 0.63	< 6.3	< 0.63	< 0.63	**0.05**	*0.005*
Ethylbenzene/ppb	*510*	< 0.78	< 0.78	< 0.78	510	< 0.78	103	< 0.78	< 0.78	**700**	*140*
Hexachlorobutadiene/ppb	< 110	< 2.2	< 2.2	< 2.2	< 110	< 2.2	< 22	< 2.2	< 2.2	==	==
Isopropylbenzene/ppb	< 46	< 0.92	< 0.92	< 0.92	< 46	< 0.92	< 9.2	< 0.92	< 0.92	==	==
p-Isopropyltoluene/ppb	< 46	< 0.92	< 0.92	< 0.92	< 46	< 0.92	< 9.2	< 0.92	< 0.92	==	==
Methylene chloride/ppb	< 55	< 1.1	< 1.1	< 1.1	< 55	< 1.1	< 11	< 1.1	< 1.1	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 40	< 0.8	< 0.8	< 0.8	< 40	< 0.8	< 8	< 0.8	< 0.8	**60**	*12*
Naphthalene/ppb	**192 "J"**	< 2.1	< 2.1	< 2.1	**216 "J"**	< 2.1	*27.2 "J"*	< 2.1	< 2.1	**100**	*10*
n-Propylbenzene/ppb	96	< 0.59	< 0.59	< 0.59	71 "J"	< 0.59	20.5	< 0.59	< 0.59	==	==
1,1,2,2-Tetrachloroethane/ppb	< 26.5	< 0.53	< 0.53	< 0.53	< 26.5	< 0.53	< 5.3	< 0.53	< 0.53	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 50	< 1	< 1	< 1	< 50	< 1	< 10	< 1	< 1	**70**	*7*
Tetrachloroethene (PCE)/ppb	< 22	< 0.44	< 0.44	< 0.44	< 22	< 0.44	< 4.4	< 0.44	< 0.44	**5**	*0.5*
Toluene/ppb	**1710**	< 0.53	< 0.53	< 0.53	**1580**	< 0.53	9.3 "J"	< 0.53	< 0.53	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 75	< 1.5	< 1.5	< 1.5	< 75	< 1.5	< 15	< 1.5	< 1.5	**70**	*14*
1,2,3-Trichlorobenzene/ppb	< 65	< 1.3	< 1.3	< 1.3	< 65	< 1.3	< 13	< 1.3	< 1.3	==	==
1,1,1-Trichloroethane/ppb	< 42.5	< 0.85	< 0.85	< 0.85	< 42.5	< 0.85	< 8.5	< 0.85	< 0.85	**200**	*40*
1,1,2-Trichloroethane/ppb	< 23.5	< 0.47	< 0.47	< 0.47	< 23.5	< 0.47	< 4.7	< 0.47	< 0.47	**5**	*0.5*
Trichloroethene (TCE)/ppb	< 23.5	< 0.47	< 0.47	< 0.47	< 23.5	< 0.47	< 4.7	< 0.47	< 0.47	**5**	*0.5*
Trichlorofluoromethane/ppb	< 85	< 1.7	< 1.7	< 1.7	< 85	< 1.7	< 17	< 1.7	< 1.7	==	==
1,2,4-Trimethylbenzene/ppb	**820**	< 0.8	< 0.8	< 0.8	**990**	< 0.8	*92*	< 0.8	< 0.8	**Total TMB's 480**	*Total TMB's 96*
1,3,5-Trimethylbenzene/ppb	**223**	< 0.74	< 0.74	< 0.74	**298**	< 0.74	*40*	< 0.74	< 0.74		
Vinyl Chloride/ppb	< 9	< 0.18	< 0.18	< 0.18	< 9	< 0.18	< 1.8	< 0.18	< 0.18	**0.2**	*0.02*
m&p-Xylene/ppb	**2390**	< 1.1	< 1.1	< 1.1	**2750**	< 1.1	161	< 1.1	< 1.1		
o-Xylene/ppb	**1000**	< 0.8	< 0.8	< 0.8	**1050**	< 0.8	59	< 0.8	< 0.8	**Total Xylenes 2000**	*Total Xylenes 400*
Nitrite Plus Nitrate, Dissolved/ppm	0.1	*2*	*2*	*2.4*	<0.1	ns	<0.1	1.6	0.96		
Sulfate, Dissolved/ppm	7.9	21.4	5.4	7.1	7.3	ns	3.59	8.74	9.99		
Iron, Dissolved/ppb	2420	<60	<60	<60	4300	ns	<60	<60	<60		
Manganese, Dissolved/ppb	*215*	*70.1*	31	*169*	**962**	ns	**1210**	**478**	*125*		

NS = not sampled, NM = Not Measured
"J" = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = no exceedences

A.1 Groundwater Analytical Table
(PAH)
Krivanek Property BRRTS# 03-39-001727

Well MW-1
PVC Elevation = 782.60 (feet) (MSL)

Date	Ace-naphthene (ppb)	Acenaph-thylene (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)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
02/07/12	0.06	<0.07	<0.045	<0.7	<0.055	<0.065	<0.075	<0.075	<0.065	<0.08	<0.06	0.052	<0.075	11.4	6.1	33	<0.05	<0.065
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*

Well MW-2
PVC Elevation = 782.84 (feet) (MSL)

Date	Ace-naphthene (ppb)	Acenaph-thylene (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)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
02/07/12	<0.01	<0.014	<0.009	<0.014	<0.011	<0.013	<0.015	<0.015	<0.013	<0.016	<0.012	<0.008	<0.015	<0.009	<0.013	<0.015	<0.01	<0.013
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*

Well MW-3
PVC Elevation = 782.46 (feet) (MSL)

Date	Ace-naphthene (ppb)	Acenaph-thylene (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)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
02/07/12	<0.01	<0.014	<0.009	<0.014	<0.011	<0.013	<0.015	<0.015	<0.013	<0.016	<0.012	<0.008	<0.015	<0.009	<0.013	<0.015	<0.01	<0.013
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*

A.1 Groundwater Analytical Table
(PAH)
Krivanek Property BRRTS# 03-39-001727

Well MW-4
PVC Elevation = 781.96 (feet) (MSL)

Date	Ace-naphthene (ppb)	Acenaph-thylene (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)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
02/07/12	<0.01	<0.014	<0.009	<0.014	<0.011	<0.013	<0.015	<0.015	<0.013	<0.016	<0.012	<0.008	<0.015	<0.009	<0.013	<0.015	<0.01	<0.013
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*

Well MW-5
PVC Elevation = 781.45 (feet) (MSL)

Date	Ace-naphthene (ppb)	Acenaph-thylene (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)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
02/07/12	<0.2	<0.28	<0.18	<0.28	<0.22	<0.26	<0.3	<0.3	<0.26	<0.32	<0.24	<0.16	<0.3	24.9	24.8	**101**	<0.2	<0.26
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*

On-site Private Well – N3475 CTH M

Date	Ace-naphthene (ppb)	Acenaph-thylene (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)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
02/07/12	<0.01	<0.014	<0.009	<0.014	<0.011	<0.013	<0.015	<0.015	<0.013	<0.016	<0.012	<0.008	<0.015	<0.009	<0.013	<0.015	<0.01	<0.013
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*

Note: Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance. NS = not sampled

A.1 Groundwater Analytical Table
(Geoprobe)
Krivanek Property BRRTS# 03-39-001727

Sample ID	Date	GRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
B-1	12/10/02	NS	<40	*370*	<40	NS	61	**3200**	**6700**
B-3	12/10/02	NS	**41**	**1100**	<40	NS	**2400**	**2800**	**9900**
B-4	12/10/02	NS	<0.40	<0.40	<0.40	NS	0.41	<0.90	<1.4
B-5	12/10/02	NS	<0.40	<0.40	<0.40	NS	0.63	<0.90	<1.4
B-6	12/10/02	NS	**1400**	**3600**	<400	NS	**24000**	**3700**	**17500**
G-1-W	10/18/11	NS	*2.13*	2.94	<0.47	*11.9*	3.8	**564**	13.15
G-2-W	10/18/11	NS	**15.4**	*480*	<4.7	**295**	**920**	**2570**	**2900**
G-3-W	10/18/11	NS	<0.49	1.25	<0.47	<2	<0.89	<2.7	<3.2
G-4-W	10/18/11	NS	*0.68*	5.4	<0.47	*16.6*	2.8	60.8	59.4
G-5-W	10/19/11	NS	<0.49	<0.98	<0.47	<2	<0.89	<2.7	<3.2
G-6-W	10/19/11	NS	**51**	*420*	<4.7	**320**	**1130**	**2200**	**2780**
G-7-W	10/19/11	NS	**161**	*530*	<23.5	**260**	**1700**	**1870**	**3190**
G-8-W	10/19/11	NS	<0.49	<0.98	<0.47	<2	<0.89	<2.7	<3.2
G-9-W	10/19/11	NS	<0.49	<0.98	<0.47	<2	<0.89	<2.7	<3.2
G-10-W	10/19/11	NS	<0.49	<0.98	<0.47	<2	<0.89	<2.7	<3.2
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

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
Krivanek Property BRRTS# 03-39-001727

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppm)	DIRECT CONTACT: Individual Exceedance Count	DIRECT CONTACT: Hazard Index	DIRECT CONTACT: Cumulative Cancer Risk
#1	NM	—	11/05/92	NM	NS	690	NOT SAMPLED									NS			
B-1	0-2	U	12/10/02	0	NOT SAMPLED											NS	0		
B-1	2-4	U	12/10/02	0	NOT SAMPLED											NS	0		
B-1	4-6	U	12/10/02	0	NS	<4.5	<1.6	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.050	NS			
B-1	6-8	U	12/10/02	373	NOT SAMPLED											NS			
B-2	0-2	U	12/10/02	0	NOT SAMPLED											NS	0		
B-2	2-4	U	12/10/02	0	NOT SAMPLED											NS	0		
B-2	4-6	U	12/10/02	2	NS	<4.4	3.4	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.050	NS			
B-2	6-8	U	12/10/02	75	NOT SAMPLED											NS			
B-3	0-2	U	12/10/02	0	NOT SAMPLED											NS	0		
B-3	2-4	U	12/10/02	0	NOT SAMPLED											NS	0		
B-3	4-6	U	12/10/02	0	NOT SAMPLED											NS			
B-3	6-8	S	12/10/02	54	NOT SAMPLED											NS			
B-4	0-2	U	12/10/02	0	NOT SAMPLED											NS	0		
B-4	2-4	U	12/10/02	0	NOT SAMPLED											NS	0		
B-4	4-6	U	12/10/02	0	NS	<4.5	<1.6	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.050	NS			
B-4	6-8	U	12/10/02	0	NOT SAMPLED											NS			
B-5	0-2	U	12/10/02	0	NOT SAMPLED											NS	0		
B-5	2-4	U	12/10/02	0	NOT SAMPLED											NS	0		
B-5	4-6	U	12/10/02	0	NS	<4.4	<1.6	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.050	NS			
B-5	6-8	U	12/10/02	0	NOT SAMPLED											NS			
B-6	0-2	U	12/10/02	0	NOT SAMPLED											NS	0		
B-6	2-4	U	12/10/02	0	NOT SAMPLED											NS	0		
B-6	4-6	U	12/10/02	6	NS	<4.4	5.4	<0.025	<0.025	<0.025	NS	<0.025	<0.025	<0.025	<0.050	NS			
B-6	6-8	U	12/10/02	1238	NOT SAMPLED											NS			
B-7	0-2	U	12/10/02	0	NOT SAMPLED											NS	0		
B-7	2-4	U	12/10/02	0	NOT SAMPLED											NS	0		
B-7	4-6	U	12/10/02	0	NOT SAMPLED											NS			
B-7	6-8	U	12/10/02	0	NOT SAMPLED											NS			
G-1-1	3	U	10/18/11	0	2	<10	<10	<0.025	<0.025	<0.025	<0.0108	<0.025	<0.025	<0.025	<0.075	NS	0	0.0005	2.1E-08
G-1-2	7	U	10/18/11	350	NS	11.0	18	<0.025	0.060	<0.025	0.141	<0.025	0.168	0.118	0.092-0.142	NS			
G-2-1	3	U	10/18/11	15	5	<10	<10	<0.025	<0.025	<0.025	<0.0108	<0.025	<0.025	<0.025	<0.075	NS	0	0.0005	2.1E-08
G-2-2	7	U	10/18/11	500	NS	1440	1060	<0.250	**3.7**	<0.250	**2.77**	**1.2**	**18.3**	**37**	**40.8**	NS			
G-3-1	3	U	10/18/11	0	**27.0**	<10	<10	<0.025	<0.025	<0.025	<0.0108	<0.025	<0.025	<0.025	<0.075	NS	0	0.0063	1.3E-06
G-3-2	7	U	10/18/11	190	NS	122	262	<0.025	0.550	<0.025	0.4	0.189	0.520	0.760	1.41	NS			
G-4-1	3	U	10/18/11	0	13.9	<10	<10	<0.025	<0.025	<0.025	<0.0108	<0.025	<0.025	<0.025	<0.075	NS	0	0.0005	2.1E-08
G-4-2	7	U	10/18/11	600	1.70	105	440	<0.089	**2.1**	<0.120	**4.2**	<0.500	**41**	**13**	**39.5**	SEE VOC SHEET			
G-5-1	3	U	10/18/11	0	1.13	<10	<10	<0.025	<0.025	<0.025	<0.0108	<0.025	<0.025	<0.025	<0.075	NS	0	0.0005	2.1E-08
G-5-2	7	U	10/18/11	10	NS	<10	<10	<0.025	<0.025	<0.025	<0.0108	<0.025	<0.025	<0.025	<0.075	NS			
G-6-1	0-5	U	10/19/11	0	NOT SAMPLED											NS			
G-6-2	7	U	10/19/11	700	NS	1300	1960	**0.810**	**25.6**	<0.0250	**10.4**	**35**	**95**	**67**	**138**	NS			
G-7-1	0-5	U	10/19/11	0	NOT SAMPLED											NS			
G-7-2	5-10	S	10/19/11	45	NOT SAMPLED											NS			
G-8-1	0-5	U	10/19/11	0	NOT SAMPLED											NS			
G-8-2	5-10	S	10/19/11	0	NOT SAMPLED											NS			
G-9-1	0-5	U	10/19/11	0	NOT SAMPLED											NS			
G-9-2	5-10	S	10/19/11	0	NOT SAMPLED											NS			
G-10-1	0-5	U	10/19/11	0	NOT SAMPLED											NS			
G-10-2	5-10	S	10/19/11	0	NOT SAMPLED											NS			
MW-4-1	0-5	U	10/19/11	0	NOT SAMPLED											NS			
MW-4-2	5-10	S	10/19/11	0	NOT SAMPLED											NS			
MW-6-1	3.5	U	09/11/12	0	NOT SAMPLED											NS	0		
MW-6-2	8	U	09/11/12	0	NOT SAMPLED											NS			
MW-6-3	12	S	09/11/12	100	NOT SAMPLED											NS			
MW-7-1	3.5	U	09/11/12	0	NOT SAMPLED											NS	0		
MW-7-2	8	U	09/11/12	0	NOT SAMPLED											NS			
MW-7-3	12	S	09/11/12	0	NOT SAMPLED											NS			
MW-8-1	3.5	U	09/11/12	0	NOT SAMPLED											NS	0		
MW-8-2	8	U	09/11/12	0	NOT SAMPLED											NS			
MW-8-3	12	S	09/11/12	0	NOT SAMPLED											NS			
Groundwater RCL					27	-	-	0.0051	1.57	0.027	0.6582	1.1072	1.3787		3.96	-			
Non-Industrial Direct Contact RCL					400	-	-	1.6	8.02	63.8	5.52	818	219	182	260	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					(800)	-	-	(7.07)	(35.4)	(282)	(24.1)	(818)	(219)	(182)	(260)	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	1820*	480*	8870*	-	818*	219*	182*	260*	-			

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

NM = Not Measured
ND = No Detects

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

A.2 Soil Analytical Results Table
(PAH)
Krivanek Property BRRTS# 03-39-001727

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)	Naph-thalene (ppm)	Phenan-threne (ppm)	Pyrene (ppm)	DIRECT CONTACT Individual Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-1-1	3	U	10/18/11	<0.0097	<0.0084	<0.0102	<0.0146	<0.0166	<0.0167	<0.0082	<0.0161	<0.0092	<0.0105	<0.0098	<0.0107	<0.0095	<0.0179	<0.0096	<0.0108	<0.0098	<0.0095	0		
G-2-1	3	U	10/18/11	<0.0097	<0.0084	<0.0102	<0.0146	<0.0166	<0.0167	<0.0082	<0.0161	<0.0092	<0.0105	<0.0098	<0.0107	<0.0095	<0.0179	<0.0096	<0.0108	<0.0098	<0.0095	0		
G-3-1	3	U	10/18/11	0.032	<0.0084	0.054	0.119	0.096	0.154	0.074	0.062	0.128	0.0182	0.298	0.0256	0.057	<0.0179	<0.0096	<0.0108	0.260	0.228	0	0.0063	1.3E-06
G-4-1	3	U	10/18/11	<0.0097	<0.0084	<0.0102	<0.0146	<0.0166	<0.0167	<0.0082	<0.0161	<0.0092	<0.0105	<0.0098	<0.0107	<0.0095	<0.0179	<0.0096	<0.0108	<0.0098	<0.0095	0		
G-5-1	3	U	10/18/11	<0.0097	<0.0084	<0.0102	<0.0146	<0.0166	<0.0167	<0.0082	<0.0161	<0.0092	<0.0105	<0.0098	<0.0107	<0.0095	<0.0179	<0.0096	<0.0108	<0.0098	<0.0095	0		
MW-1	13.5	S	10/19/11	BLIND DRILLED																				
MW-2	13.5	S	10/19/11	BLIND DRILLED																				
MW-3	13.5	S	10/19/11	BLIND DRILLED																				
MW-5	13.5	S	10/19/11	BLIND DRILLED																				
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
(VOC's)
Krivanek Property BRRTS# 03-39-001727

Well Sampling Conducted on October 18,2011

VOC's		Bold = Groundwater RCL	Underline & Bold = Non-Industrial Direct Contact RCL	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	G-4-2				
Sample Depth/ft.	7				
Solids Percent	81.4	= =	= =	= =	
Lead/ppm	1.7	**27**	**400**	**(800)**	= =
DRO/ppm	105	= =	= =	= =	= =
GRO/ppm	440	= =	= =	= =	= =
Benzene/ppm	< 0.089	**0.00512**	**1.6**	**(7.07)**	**1820***
Bromobenzene/ppm	< 0.140	= =	**342**	**(679)**	= =
Bromodichloromethane/ppm	< 0.120	**0.0003**	**0.418**	**(1.83)**	= =
Bromoform/ppm	< 0.200	**0.0023**	**25.4**	**(113)**	= =
tert-Butylbenzene/ppm	< 0.540	= =	**183**	**(183)**	**183***
sec-Butylbenzene/ppm	0.820 "J"	= =	**145**	**(145)**	**145***
n-Butylbenzene/ppm	4.3	= =	**108**	**(108)**	**108***
Carbon Tetrachloride/ppm	< 0.120	**0.0039**	**0.916**	**(4.03)**	= =
Chlorobenzene/ppm	< 0.94	= =	**370**	**(761)**	**761***
Chloroethane/ppm	< 1.420	**0.227**	= =	= =	= =
Chloroform/ppm	< 0.460	**0.0033**	**0.454**	**(1.98)**	= =
Chloromethane/ppm	< 2.070	**0.0155**	**159**	**(669)**	= =
2-Chlorotoluene/ppm	< 0.840	= =	**907**	**(907)**	**907***
4-Chlorotoluene/ppm	< 0.760	= =	**253**	**(253)**	**253***
1,2-Dibromo-3-chloropropane/ppm	< 0.770	**0.0002**	**0.008**	**(0.092)**	= =
Dibromochloromethane/ppm	< 0.095	**0.032**	**8.28**	**(38.9)**	= =
1,4-Dichlorobenzene/ppm	< 0.520	**0.144**	**3.74**	**(16.4)**	= =
1,3-Dichlorobenzene/ppm	< 0.530	**1.1528**	**297**	**(297)**	**297***
1,2-Dichlorobenzene/ppm	< 0.510	**1.168**	**376**	**(376)**	**376***
Dichlorodifluoromethane/ppm	< 0.120	**3.0863**	**126**	**(530)**	= =
1,2-Dichloroethane/ppm	< 0.130	**0.00284**	**0.652**	**(2.87)**	**540***
1,1-Dichloroethane/ppm	< 0.110	**0.4834**	**5.06**	**(22.2)**	= =
1,1-Dichloroethene/ppm	< 0.220	**0.00502**	**320**	**(1190)**	**1190***
cis-1,2-Dichloroethene/ppm	< 0.140	**0.0412**	**156**	**(2340)**	= =
trans-1,2-Dichloroethene/ppm	< 0.220	**0.626**	**1560**	**(1850)**	= =
1,2-Dichloropropane/ppm	< 0.110	**0.0033**	**3.4**	**(15)**	= =
2,2-Dichloropropane/ppm	< 0.330	= =	**191**	**191**	**191***
1,3-Dichloropropane/ppm	< 0.110	= =	**1490**	**(1490)**	**1490***
Di-isopropyl ether/ppm	< 0.470	= =	**2260**	**(2260)**	**2260***
EDB (1,2-Dibromoethane)/ppm	< 0.170	**0.0000282**	**0.05**	**(0.221)**	= =
Ethylbenzene/ppm	2.1	**1.57**	**8.02**	**(35.4)**	**480***
Hexachlorobutadiene/ppm	< 0.950	= =	**1.63**	**(7.19)**	= =
Isopropylbenzene/ppm	0.835 "J"	= =	= =	= =	= =
p-Isopropyltoluene/ppm	< 0.450	= =	**162**	**(162)**	**162***
Methylene chloride/ppm	< 1.190	**0.0026**	**61.8**	**(1150)**	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.120	**0.027**	**63.8**	**(282)**	**8870***
Naphthalene/ppm	4.2	**0.6582**	**5.52**	**(24.1)**	= =
n-Propylbenzene/ppm	2.9	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.200	**0.000156**	**0.81**	**(3.6)**	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.410	**0.0534**	**2.78**	**(12.3)**	= =
Tetrachloroethene (PCE)/ppm	< 0.240	**0.0045**	**33**	**(145)**	= =
Toluene/ppm	< 0.500	**1.1072**	**818**	**(818)**	**818***
1,2,4-Trichlorobenzene/ppm	< 0.740	**0.408**	**24**	**(113)**	= =
1,2,3-Trichlorobenzene/ppm	< 1.290	= =	**62.6**	**(934)**	= =
1,1,1-Trichloroethane/ppm	< 0.110	**0.1402**	**640**	**(640)**	**640***
1,1,2-Trichloroethane/ppm	< 0.160	**0.0032**	**1.59**	**(7.01)**	= =
Trichloroethene (TCE)/ppm	< 0.170	**0.0036**	**1.3**	**(8.41)**	= =
Trichlorofluoromethane/ppm	< 0.430	**2.2387**	**1230**	**(1230)**	**1230***
1,2,4-Trimethylbenzene/ppm	41	**1.3787**	**219**	**(219)**	**219***
1,3,5-Trimethylbenzene/ppm	13		**182**	**(182)**	**182***
Vinyl Chloride/ppm	< 0.160	**0.000138**	**0.067**	**(2.08)**	= =
m&p-Xylene/ppm	30	**3.96**	**260**	**(260)**	**260***
o-Xylene/ppm	9.5				

(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
= = No Exceedences

A.3 Residual Soil Contamination Table

Krivanek Property BRRTS# 03-39-001727

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppm)	DIRECT CONTACT		
																	Individual Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-2-2	7	U	10/18/11	500	NS	1440	1060	<0.250	**3.7**	<0.250	**2.77**	**1.2**	**18.3**	**37**	**40.8**	NS			
G-3-1	3	U	10/18/11	0	**27.0**	<10	<10	<0.025	<0.025	<0.025	<0.0108	<0.025	<0.025	<0.025	<0.075	NS	0	0.0057	1.2E-06
G-4-2	7	U	10/18/11	600	1.70	105	440	<0.089	**2.1**	<0.120	**4.2**	<0.500	**41**	**13**	**39.5**	SEE VOC SHEET			
G-6-2	7	U	10/19/11	700	NS	1300	1960	**0.810**	**25.6**	<0.0250	**10.4**	**35**	**95**	**67**	**138**	NS			
Groundwater RCL					**27**	-	-	**0.0051**	**1.57**	**0.027**	**0.6582**	**1.1072**	1.3787		**3.96**	-			
Non-Industrial Direct Contact RCL					**400**	-	-	**1.6**	**8.02**	**63.8**	**5.52**	**818**	**219**	**182**	**260**	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					(800)	-	-	**(7.07)**	**(35.4)**	**(282)**	**(24.1)**	**(818)**	**(219)**	**(182)**	**(260)**	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**260***	-			

Bold = Groundwater RCL Exceedance

Bold & Underline = Non Industrial Direct Contact RCL Exceedance

(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance

Bold & Asteric * = C-sat Exceedance

NS = Not Sampled

NM = Not Measured

(ppm) = parts per million

ND = No Detects

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 Contamination Table
(VOC's)
Krivanek Property BRRTS# 03-39-001727

Well Sampling Conducted on October 18,2011

VOC's		Bold = Groundwater RCL	Underline & Bold = Non-Industrial Direct Contact RCL	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	G-4-2				
Sample Depth/ft.	7				
Solids Percent	81.4	= =	= =	= =	
Lead/ppm	1.7	27	400	(800)	= =
DRO/ppm	105	= =	= =	= =	= =
GRO/ppm	440	= =	= =	= =	= =
Benzene/ppm	< 0.089	0.00512	1.6	(7.07)	1820*
Bromobenzene/ppm	< 0.140	= =	342	(679)	= =
Bromodichloromethane/ppm	< 0.120	0.0003	0.418	(1.83)	= =
Bromoform/ppm	< 0.200	0.0023	25.4	(113)	= =
tert-Butylbenzene/ppm	< 0.540	= =	183	(183)	183*
sec-Butylbenzene/ppm	0.820 "J"	= =	145	(145)	145*
n-Butylbenzene/ppm	4.3	= =	108	(108)	108*
Carbon Tetrachloride/ppm	< 0.120	0.0039	0.916	(4.03)	= =
Chlorobenzene/ppm	< 0.94	= =	370	(761)	761*
Chloroethane/ppm	< 1.420	0.227	= =	= =	= =
Chloroform/ppm	< 0.460	0.0033	0.454	(1.98)	= =
Chloromethane/ppm	< 2.070	0.0155	159	(669)	= =
2-Chlorotoluene/ppm	< 0.840	= =	907	(907)	907*
4-Chlorotoluene/ppm	< 0.760	= =	253	(253)	253*
1,2-Dibromo-3-chloropropane/ppm	< 0.770	0.0002	0.008	(0.092)	= =
Dibromochloromethane/ppm	< 0.095	0.032	8.28	(38.9)	= =
1,4-Dichlorobenzene/ppm	< 0.520	0.144	3.74	(16.4)	= =
1,3-Dichlorobenzene/ppm	< 0.530	1.1528	297	(297)	297*
1,2-Dichlorobenzene/ppm	< 0.510	1.168	376	(376)	376*
Dichlorodifluoromethane/ppm	< 0.120	3.0863	126	(530)	= =
1,2-Dichloroethane/ppm	< 0.130	0.00284	0.652	(2.87)	540*
1,1-Dichloroethane/ppm	< 0.110	0.4834	5.06	(22.2)	= =
1,1-Dichloroethene/ppm	< 0.220	0.00502	320	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 0.140	0.0412	156	(2340)	= =
trans-1,2-Dichloroethene/ppm	< 0.220	0.626	1560	(1850)	= =
1,2-Dichloropropane/ppm	< 0.110	0.0033	3.4	(15)	= =
2,2-Dichloropropane/ppm	< 0.330	= =	191	191	191*
1,3-Dichloropropane/ppm	< 0.110	= =	1490	(1490)	1490*
Di-isopropyl ether/ppm	< 0.470	= =	2260	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 0.170	0.0000282	0.05	(0.221)	= =
Ethylbenzene/ppm	2.1	1.57	8.02	(35.4)	480*
Hexachlorobutadiene/ppm	< 0.950	= =	1.63	(7.19)	= =
Isopropylbenzene/ppm	0.835 "J"	= =	= =	= =	= =
p-Isopropyltoluene/ppm	< 0.450	= =	162	(162)	162*
Methylene chloride/ppm	< 1.190	0.0026	61.8	(1150)	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.120	0.027	63.8	(282)	8870*
Naphthalene/ppm	4.2	0.6582	5.52	(24.1)	= =
n-Propylbenzene/ppm	2.9	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.200	0.000156	0.81	(3.6)	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.410	0.0534	2.78	(12.3)	= =
Tetrachloroethene (PCE)/ppm	< 0.240	0.0045	33	(145)	= =
Toluene/ppm	< 0.500	1.1072	818	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 0.740	0.408	24	(113)	= =
1,2,3-Trichlorobenzene/ppm	< 1.290	= =	62.6	(934)	= =
1,1,1-Trichloroethane/ppm	< 0.110	0.1402	640	(640)	640*
1,1,2-Trichloroethane/ppm	< 0.160	0.0032	1.59	(7.01)	= =
Trichloroethene (TCE)/ppm	< 0.170	0.0036	1.3	(8.41)	= =
Trichlorofluoromethane/ppm	< 0.430	2.2387	1230	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	41	1.3787	219	(219)	219*
1,3,5-Trimethylbenzene/ppm	13		182	(182)	182*
Vinyl Chloride/ppm	< 0.160	0.000138	0.067	(2.08)	= =
m&p-Xylene/ppm	30	3.96	260	(260)	260*
o-Xylene/ppm	9.5				

(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
= = No Exceedences

A.6 Water Level Elevations
Krivanek Property BRRTS# 03-39-001727
Packwaukee, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8
Ground Surface (feet msl)	NM	NM	NM	NM	NM	NM	NM	NM
PVC top (feet msl)	782.60	782.84	782.46	781.96	781.45	781.63	781.46	781.66
Well Depth (feet)	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
Top of screen (feet msl)	779.60	779.84	779.46	778.96	778.45	778.63	778.46	778.66
Bottom of screen (feet msl)	769.60	769.84	769.46	768.96	768.45	768.63	768.46	768.66
Depth to Water From Top of PVC (feet)								
02/07/12	6.80	6.55	6.80	5.87	5.70	NI	NI	NI
10/03/12	8.18	8.63	9.11	8.51	7.58	8.47	8.26	8.29
03/27/13	6.01	6.32	6.43	5.93	4.92	5.39	5.64	5.41
06/27/13	2.79	3.04	3.61	2.62	2.28	3.36	3.64	3.46
10/01/13	6.40	6.88	6.95	6.22	6.09	7.03	7.18	7.14
01/10/19	2.82	2.78	2.95	2.64	2.48	3.43	3.25	3.70
Groundwater Elevation (feet msl)								
02/07/12	775.80	776.29	775.66	776.09	775.75	NI	NI	NI
10/03/12	774.42	774.21	773.35	773.45	773.87	773.16	773.20	773.37
03/27/13	776.59	776.52	776.03	776.03	776.53	776.24	775.82	776.25
06/27/13	779.81	779.80	778.85	779.34	779.17	778.27	777.82	778.20
10/01/13	776.20	775.96	775.51	775.74	775.36	774.60	774.28	774.52
01/10/19	779.78	780.06	779.51	779.32	778.97	778.20	778.21	777.96

Note: Elevations are presented in feet mean sea level (msl).
NI = Not Installed
NM = Not Measured

A.7 Other
Groundwater NA Indicator Results
Krivanek Property BRRTS# 03-39-001727

Monitoring Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Man-ganese (ppb)
02/07/12	3.44	5.85	163	5.40	60	0.1	7.9	2420	*215*
10/03/12	0.97	6.73	69	18.10	62	<0.1	5.94	700	*253*
03/27/13	0.59	2.77	195	6.70	81.2	NS	NS	NS	NS
06/27/13	0.59	6.5	-1	16.90	195.0	NS	NS	NS	NS
10/01/13	0.12	5.41	-21	18.00	132.0	NS	NS	NS	NS
01/10/19	2.12	8.08	92	4.20	0.2	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						10	-	-	300
PREVENTIVE ACTION LIMIT = *PAL - Italics*						2	-	-	60

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

Monitoring Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Man-ganese (ppb)
02/07/12	4.96	5.65	177	5.20	67	*2.0*	21.4	<60	*70.1*
10/03/12	3.23	6.58	355	17.10	87	0.1	7.86	<60	12.4
03/27/13	4.93	2.73	366	4.10	109	NS	NS	NS	NS
06/27/13	5.42	7	131	17.90	290	NS	NS	NS	NS
10/01/13	3.63	5.79	31	17.90	69.0	NS	NS	NS	NS
01/10/19	7.13	6.15	257	1.00	0.0	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						10	-	-	300
PREVENTIVE ACTION LIMIT = *PAL - Italics*						2	-	-	60

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

Monitoring Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Man-ganese (ppb)
02/07/12	6.27	5.81	303	4.60	44	*2.0*	5.4	<60	34.0
10/03/12	2.13	6.34	377	17.00	70	1.75	7.48	<60	**892**
03/27/13	5.77	2.55	258	4.20	64.2	NS	NS	NS	NS
06/27/13	3.65	6.36	147	19.50	110	NS	NS	NS	NS
10/01/13	2.47	5.81	55	17.20	62.0	NS	NS	NS	NS
01/10/19	4.07	8.03	292	3.20	0.0	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						10	-	-	300
PREVENTIVE ACTION LIMIT = *PAL - Italics*						2	-	-	60

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

Monitoring Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Man-ganese (ppb)
02/07/12	5.02	6.19	185	5.70	94	*2.4*	7.1	<60	*169*
10/03/12	2.88	6.71	405	19.20	325	*3.47*	6.13	<60	**1390**
03/27/13	4.82	2.69	416	4.60	148.8	NS	NS	NS	NS
06/27/13	4.84	6.84	118	20.60	148	NS	NS	NS	NS
10/01/13	2.87	6.55	16	19.40	98.0	NS	NS	NS	NS
01/10/19	7.42	7.77	268	4.00	0.0	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						10	-	-	300
PREVENTIVE ACTION LIMIT = *PAL - Italics*						2	-	-	60

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

A.7 Other
Groundwater NA Indicator Results
Krivanek Property BRRTS# 03-39-001727

Monitoring Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Man-ganese (ppb)
02/07/12	3.12	6.32	92	4.10	146	<0.1	7.3	4300	**962**
10/03/12	0.66	6.75	74	18.80	109	<0.1	<3.4	4570	**1610**
03/27/13	3.45	3.07	99	3.80	271.5	NS	NS	NS	NS
06/27/13	1.37	7.11	129	21.60	493	NS	NS	NS	NS
10/01/13	0.31	6.04	-71	19.60	283.0	NS	NS	NS	NS
01/10/19	1.84	8.14	112	1.80	0.3	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						10	-	-	300
PREVENTIVE ACTION LIMIT = *PAL - Italics*						2	-	-	60

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

Monitoring Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Man-ganese (ppb)
10/03/12	1.13	6.93	338	18.40	221	<0.1	3.59	<60	**1210**
03/27/13	6.07	2.88	263	4.90	571	NS	NS	NS	NS
06/27/13	1.82	7.27	155	17.60	1010	NS	NS	NS	NS
10/01/13	0.93	6.65	-61	17.70	344.0	NS	NS	NS	NS
01/10/19	3.90	8.02	154	3.70	0.4	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						10	-	-	300
PREVENTIVE ACTION LIMIT = *PAL - Italics*						2	-	-	60

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

Monitoring Well MW-7

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Man-ganese (ppb)
10/03/12	1.60	6.77	182	18.90	280	1.6	8.74	<60	**478**
03/27/13	2.15	2.92	251	4.20	352.9	NS	NS	NS	NS
06/27/13	5.31	7.56	124	19.90	1148	NS	NS	NS	NS
10/01/13	0.90	6.71	10	20.30	284.0	NS	NS	NS	NS
01/10/19	5.24	7.04	245	2.80	0.0	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						10	-	-	300
PREVENTIVE ACTION LIMIT = *PAL - Italics*						2	-	-	60

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

Monitoring Well MW-8

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppb)	Man-ganese (ppb)
10/03/12	2.55	6.73	390	18.40	270	0.96	9.99	<60	*125*
03/27/13	2.67	2.95	271	5.40	187.8	NS	NS	NS	NS
06/27/13	3.69	6.84	171	18.40	952	NS	NS	NS	NS
10/01/13	0.71	6.30	68	19.20	198.0	NS	NS	NS	NS
01/10/19	4.19	7.56	295	4.50	0.2	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						10	-	-	300
PREVENTIVE ACTION LIMIT = *PAL - Italics*						2	-	-	60

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

A.7 Other - Flow Velocity Calculations
Krivanek Property BRRTS# 03-39-001727

MW-1

	ft/s	ft/year	cm/s	m/yr
K	3.84E-05	1.21E+03	1.17E-03	369.11
	sq ft/s	**sq cm/s**		
T	2.38E-04	2.21E-01		

MW-2

	ft/s	ft/year	cm/s	m/yr
K	1.01E-04	3.19E+03	3.08E-03	970.83
	sq ft/s	**sq cm/s**		
T	6.51E-04	6.05E-01		

MW-5

	ft/s	ft/year	cm/s	m/yr
K	4.99E-06	1.57E+02	1.52E-04	47.96
	sq ft/s	**sq cm/s**		
T	3.64E-05	3.38E-02		

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
02/07/12	776.25	775.75	63	7.94E-03
10/03/12	774.25	773.25	100	1.00E-02
03/27/13	776.50	776.00	32	1.56E-02
06/27/13	779.50	778.00	90	1.67E-02
10/01/13	776.00	774.50	100	1.50E-02
01/10/19	780.00	778.50	131	1.15E-02
Average				1.28E-02

	K (m/yr)	rageHyd Grad	Porosity (n)	ow Velocity(m/yr)
MW-1	369.107436	1.28E-02	0.3	15.72368
MW-2	970.82945	1.28E-02	0.3	41.35656
MW-5	47.964742	1.28E-02	0.3	2.04326

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 Geologic Cross-Section Figure(s)

B.3.b Groundwater Isoconcentration

B.3.c Groundwater Flow Direction

B.3.d Monitoring Wells

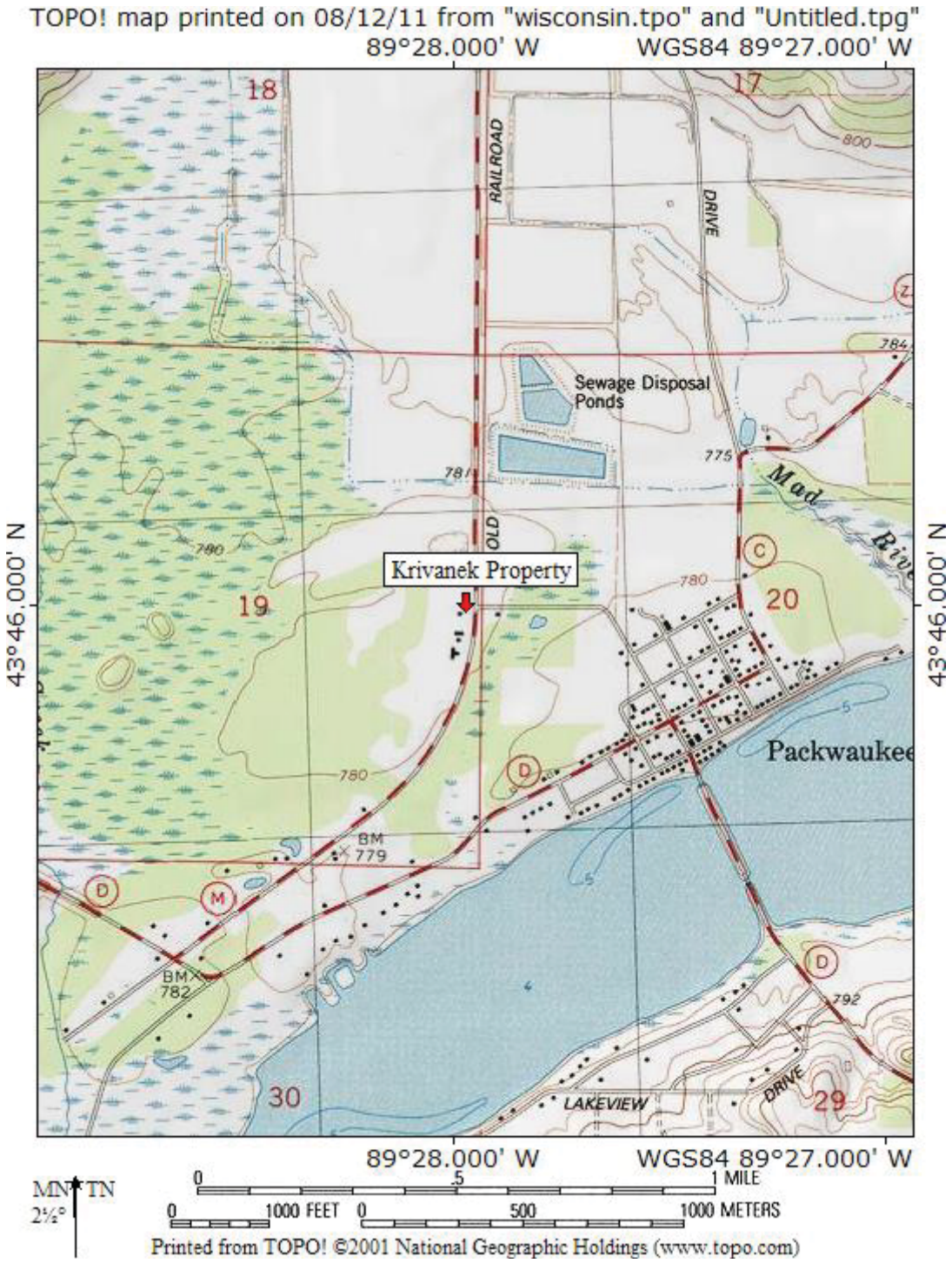
B.4 Vapor Maps and Other Media

B.4.a Vapor Intrusion Map - No vapor samples were assessed as part of the site investigation.

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

B.4.c Other – Not applicable.

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



B.1.a. LOCATION MAP CONTOUR INTERVAL 10 FEET
KRIVANEK PROPERTY – PACKWAUKEE, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

B.I.b.
DETAILED SITE MAP
KRIVANEK PROPERTY

METCO
PACKWAUKEE, WISCONSIN

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE: 1 INCH = 50 FEET
0 25 50

KEY TO REMOVED UST'S
A - 1000 GALLON DIESEL
B - 1500 GALLON GASOLINE
C - 500 GALLON GASOLINE

◆ - TANK REMOVAL SITE ASSESSMENT SAMPLING LOCATION (MARELL 1992)
● - GEOPROBE BORING LOCATION (MSA 2002)
◆ - GEOPROBE BORING LOCATION (METCO 2010
◓ - MONITORING WELL LOCATION (METCO 2010
⊛ - POTABLE WELL

PROPERTY BOUNDARY (APPROXIMATE)
BURIED PHONE LINE
BURIED GAS LINE
BURIED FIBER OPTICS
OVERHEAD ELECTRICAL LINES

HOUSE N3495 COUNTY HIGHWAY M
HOUSE N3489 COUNTY HIGHWAY M
GRASS DITCH
GRAVEL DRIVEWAY
GRASS
SHED
G-10
MW-3
G-9
B-4
B-5
B-1
G-4
B-2
B-3
GRAVEL
MW-1
MW-5
G-1
G-2
G-6
G-7
CULVERT
B-6
GRAVEL
MW-2
G-8
G-5
OVERHEAD ELECTRIC
APPROXIMATE LOCATION
STORAGE
GARAGE
B-7
BROKEN ASPHALT
MW-4
HOUSE N3475 COUNTY HIGHWAY M
FENCE
HOUSE N3469 COUNTY HIGHWAY M
OWNER WOULD NOT DISCLOSE POTABLE WELL LOCATION
APARTMENTS N3461 COUNTY HIGHWAY M
COUNTY HIGHWAY M
UTILITY POLE
LIBERTY STREET
HOUSE N3553 LIBERTY STREET
HOUSE N3559 COUNTY HIGHWAY M
MW-7
MW-6
MW-8
WOODS LOT

B.1.c RR Site Map

Legend

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

0.5 0 Distance / 2 0.5 Miles

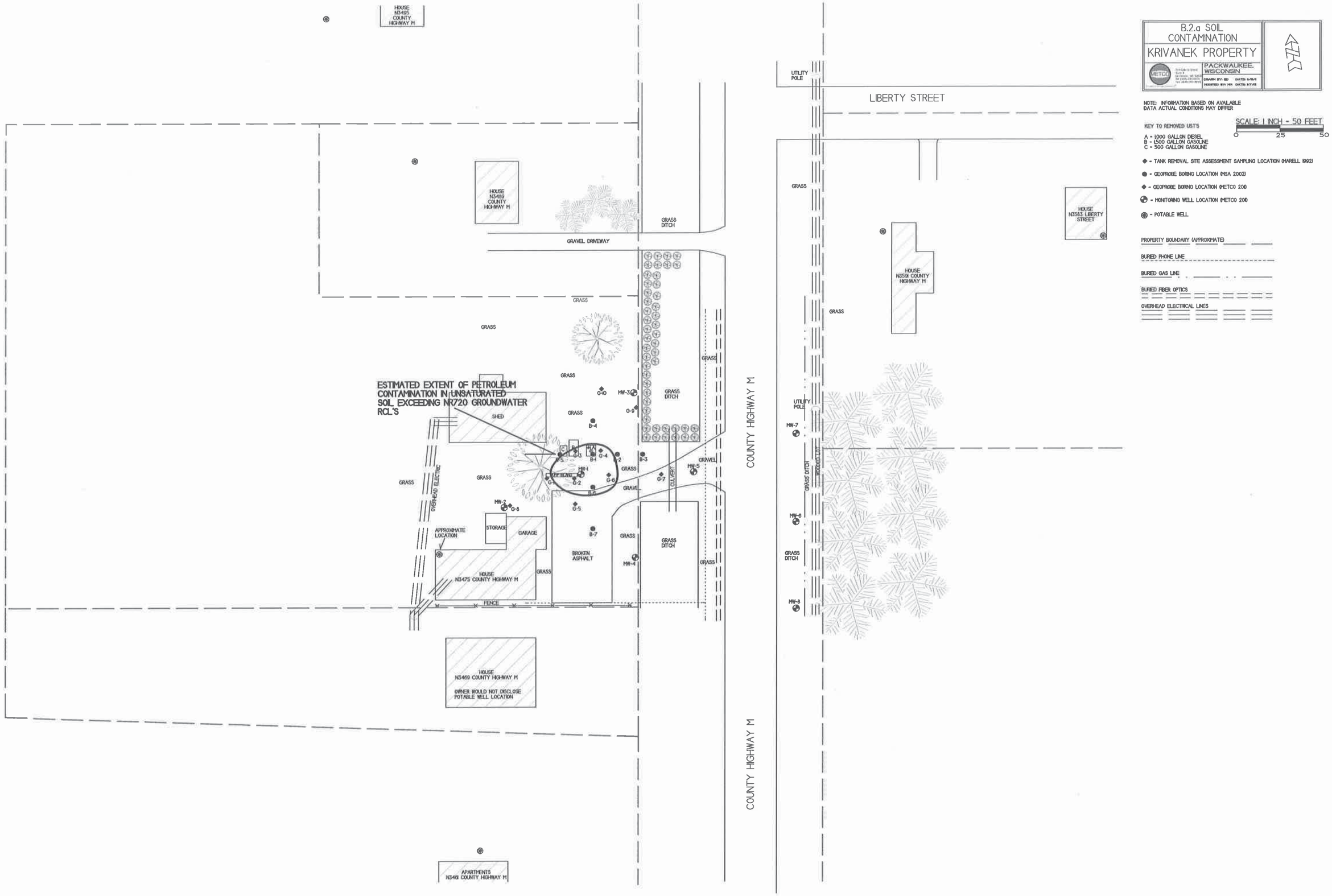
1: 15,840

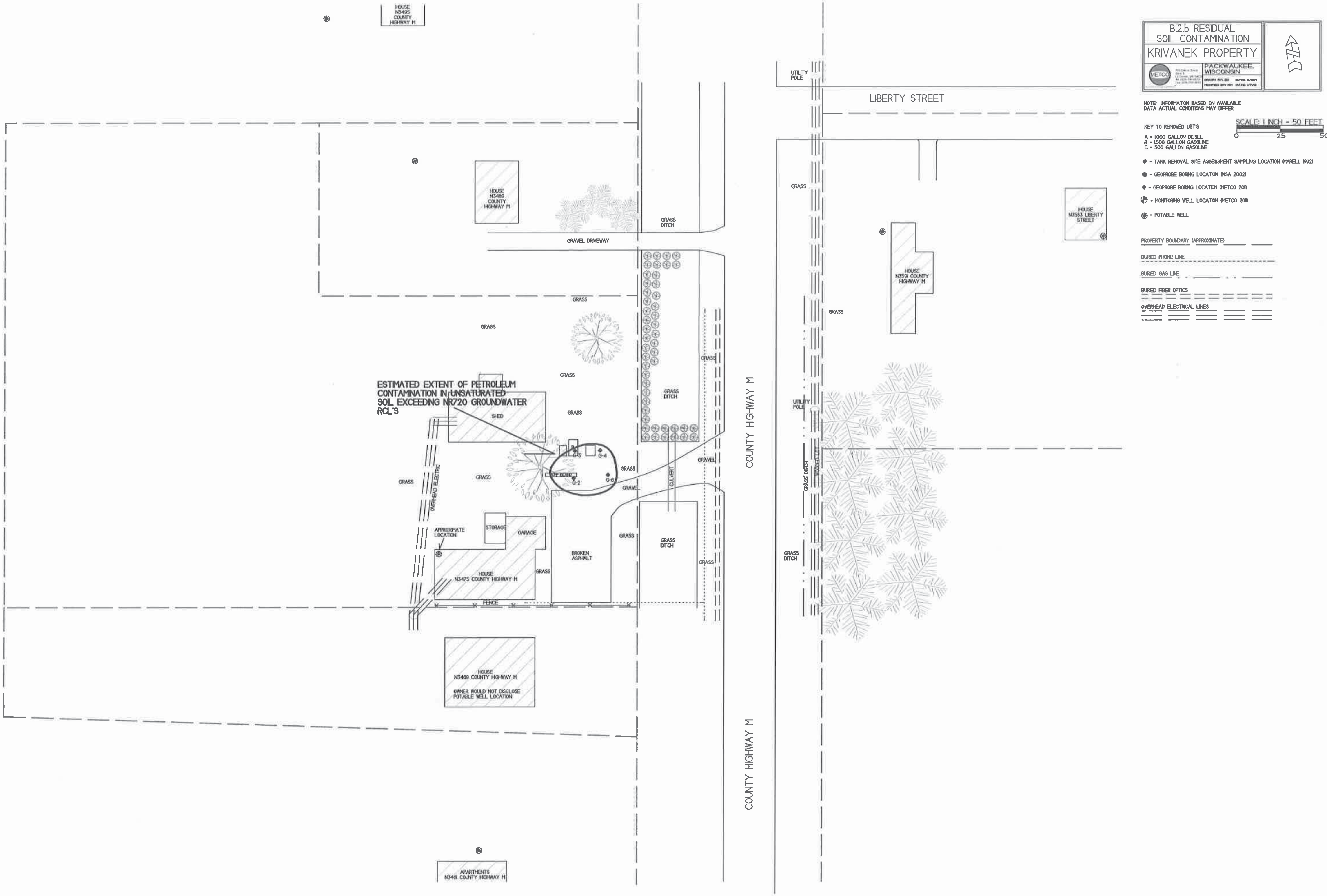
NAD_1983_HARN_Wisconsin_TM

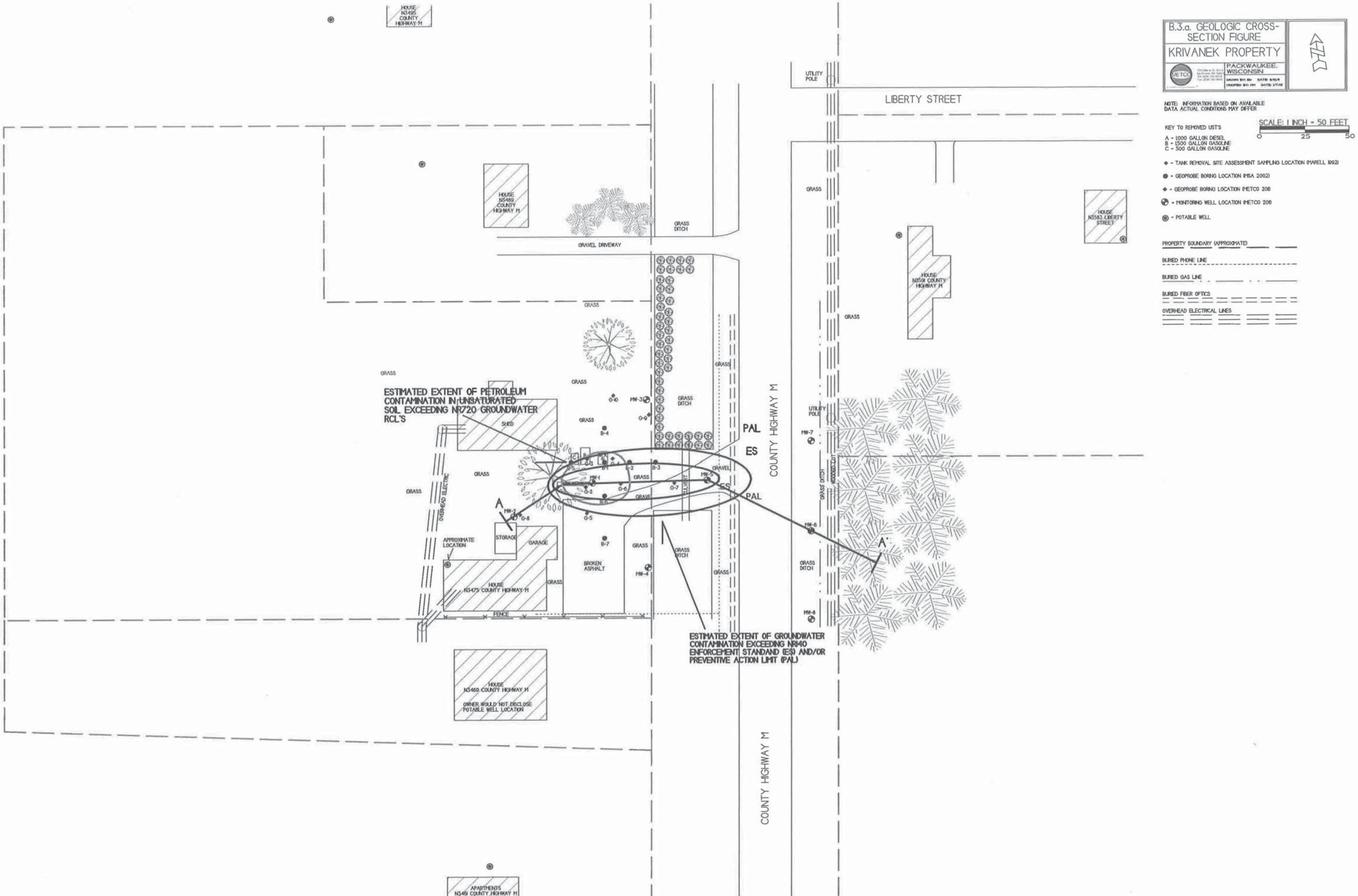
Note: Not all sites are mapped.

Notes

KRIVANEK PROPERTY
03-39-001727


B.2.a SOIL CONTAMINATION
KRIVANEK PROPERTY
METCO
PACKWAUKEE, WISCONSIN
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
KEY TO REMOVED UST'S
A = 1000 GALLON DIESEL
B = 1500 GALLON GASOLINE
C = 500 GALLON GASOLINE
SCALE: 1 INCH = 50 FEET
0
25
50
◆ = TANK REMOVAL SITE ASSESSMENT SAMPLING LOCATION (HARELL 1992)
● = GEOPROBE BORING LOCATION (MSA 2002)
◆ = GEOPROBE BORING LOCATION (METCO 200
= MONITORING WELL LOCATION (METCO 200
= POTABLE WELL
PROPERTY BOUNDARY (APPROXIMATE)
BURIED PHONE LINE
BURIED GAS LINE
BURIED FIBER OPTICS
OVERHEAD ELECTRICAL LINES
HOUSE N3495 COUNTY HIGHWAY M
HOUSE N3489 COUNTY HIGHWAY M
GRASS DITCH
GRAVEL DRIVEWAY
GRASS
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S
SHED
G-10
MW-3
G-9
B-4
G-3
B-1
G-4
B-2
B-3
MW-1
G-1
G-2
G-6
B-6
G-7
CULVERT
MW-5
GRAVEL
OVERHEAD ELECTRIC
MW-2
G-8
G-5
APPROXIMATE LOCATION
STORAGE
GARAGE
B-7
BROKEN ASPHALT
MW-4
HOUSE N3475 COUNTY HIGHWAY M
FENCE
HOUSE N3469 COUNTY HIGHWAY M
OWNER WOULD NOT DISCLOSE POTABLE WELL LOCATION
APARTMENTS N3461 COUNTY HIGHWAY M
COUNTY HIGHWAY M
LIBERTY STREET
UTILITY POLE
HOUSE N3545 LIBERTY STREET
HOUSE N3501 COUNTY HIGHWAY M
MW-7
MW-6
MW-8
GRASS DITCH
WOODLOT


B.2.b RESIDUAL SOIL CONTAMINATION
KRIVANEK PROPERTY
METCO
PACKWAUKEE, WISCONSIN
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
SCALE: 1 INCH = 50 FEET
0
25
50
KEY TO REMOVED UST'S
A = 1,000 GALLON DIESEL
B = 1,500 GALLON GASOLINE
C = 500 GALLON GASOLINE
- TANK REMOVAL SITE ASSESSMENT SAMPLING LOCATION (MARELL 1992)
- GEOPROBE BORING LOCATION (MSA 2002)
- GEOPROBE BORING LOCATION (METCO 2011)
- MONITORING WELL LOCATION (METCO 2011)
- POTABLE WELL
PROPERTY BOUNDARY (APPROXIMATE)
BURIED PHONE LINE
BURIED GAS LINE
BURIED FIBER OPTICS
OVERHEAD ELECTRICAL LINES
LIBERTY STREET
COUNTY HIGHWAY M
COUNTY HIGHWAY M
HOUSE N3495 COUNTY HIGHWAY M
HOUSE N3489 COUNTY HIGHWAY M
HOUSE N3501 COUNTY HIGHWAY M
HOUSE N3583 LIBERTY STREET
HOUSE N3475 COUNTY HIGHWAY M
HOUSE N3469 COUNTY HIGHWAY M
OWNER WOULD NOT DISCLOSE POTABLE WELL LOCATION
APARTMENTS N3461 COUNTY HIGHWAY M
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S
UTILITY POLE
GRAVEL DRIVEWAY
GRASS DITCH
GRASS
SHED
STORAGE
GARAGE
APPROXIMATE LOCATION
BROKEN ASPHALT
GRAVEL
CULVERT
FENCE
OVERHEAD ELECTRIC
G-2
G-3
G-4
G-6



B.3.a. GEOLOGIC CROSS-SECTION FIGURE
KRIVANEK PROPERTY
METCO
PACKWAUKEE, WISCONSIN
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
SCALE: 1 INCH = 50 FEET
0
25
50
KEY TO REMOVED UST'S
A = 1000 GALLON DIESEL
B = 1500 GALLON GASOLINE
C = 500 GALLON GASOLINE
- TANK REMOVAL SITE ASSESSMENT SAMPLING LOCATION (MARELL 1992)
- GEOPROBE BORING LOCATION (MSA 2002)
- GEOPROBE BORING LOCATION (METCO 201
- MONITORING WELL LOCATION (METCO 201
- POTABLE WELL
PROPERTY BOUNDARY (APPROXIMATE)
BURIED PHONE LINE
BURIED GAS LINE
BURIED FIBER OPTICS
OVERHEAD ELECTRICAL LINES
LIBERTY STREET
COUNTY HIGHWAY M
UTILITY POLE
HOUSE N3495 COUNTY HIGHWAY M
HOUSE N3489 COUNTY HIGHWAY M
HOUSE N3563 LIBERTY STREET
HOUSE N3501 COUNTY HIGHWAY M
HOUSE N3475 COUNTY HIGHWAY M
HOUSE N3469 COUNTY HIGHWAY M
OWNER WOULD NOT DISCLOSE POTABLE WELL LOCATION
APARTMENTS N3451 COUNTY HIGHWAY M
GRAVEL DRIVEWAY
GRASS DITCH
GRASS
SHED
STORAGE
GARAGE
BROKEN ASPHALT
FENCE
OVERHEAD ELECTRIC
APPROXIMATE LOCATION
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S
ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION EXCEEDING NR140 ENFORCEMENT STANDARD (ES) AND/OR PREVENTIVE ACTION LIMIT (PAL)
PAL
ES
A
A'
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
B-2
B-3
B-4
B-7
G-2
G-5
G-6
G-7
G-8
G-9
G-10

B.3.a. GEOLOGIC CROSS-SECTION FIGURE

KRIVANEK PROPERTY

METCO
709 Gillette St, Ste 3
La Crosse, WI 54603
Tel: (608) 781-6879
Fax: (608) 781-8893
Excellence through experience

PACKWAUKEE, WISCONSIN

DRAWN BY: MM

DATE: 1/9/14

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

NOTES:

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

2)GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS:
-GEOPROBE PROJECT (12/10/02)
-DRILLING & GEOPROBE PROJECT (10/18-19/11)
-DRILLING PROJECT (9/11/12)
-ROUND 6 GROUNDWATER SAMPLING (01/10/19)

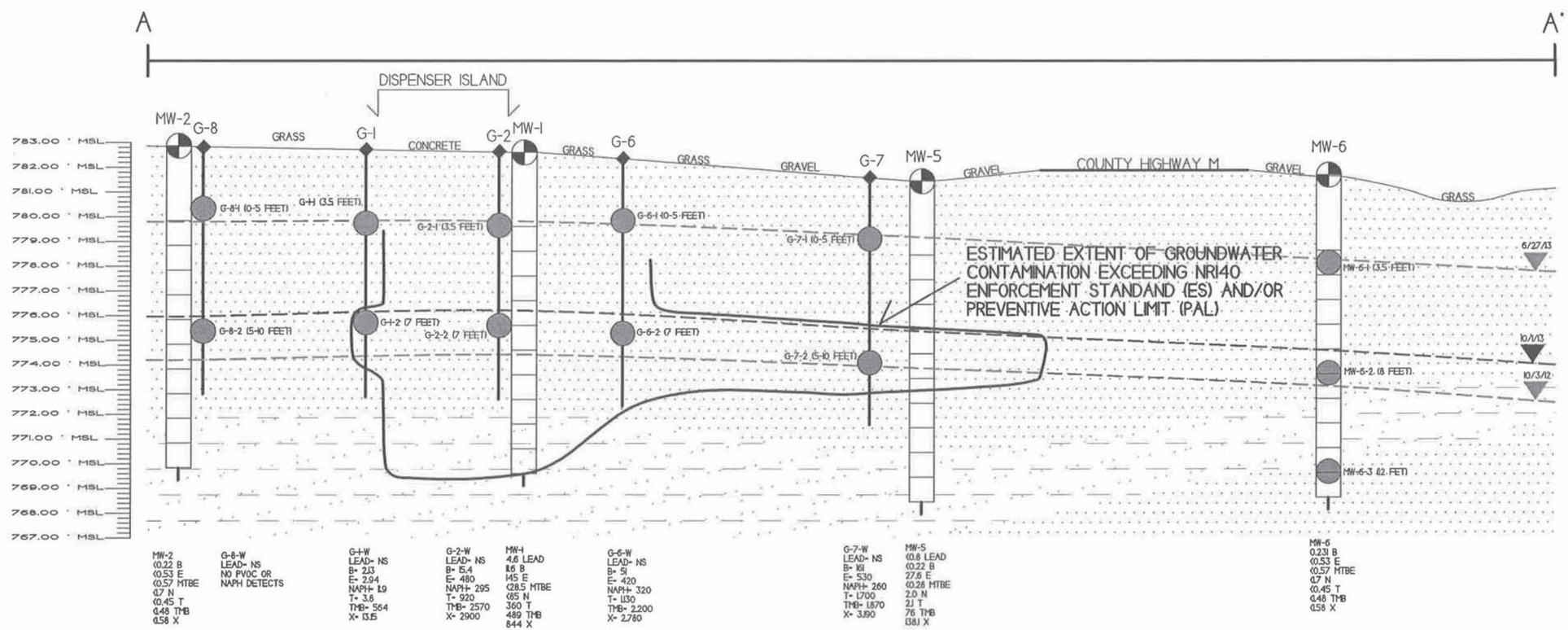
◆ - GEOPROBE BORING LOCATION (METCO 2011)

- MONITORING WELL LOCATION (METCO 2011)

- SOIL SAMPLE LOCATION

- WATERTABLE

- ALL TIME HIGH AND LOW WATERTABLE



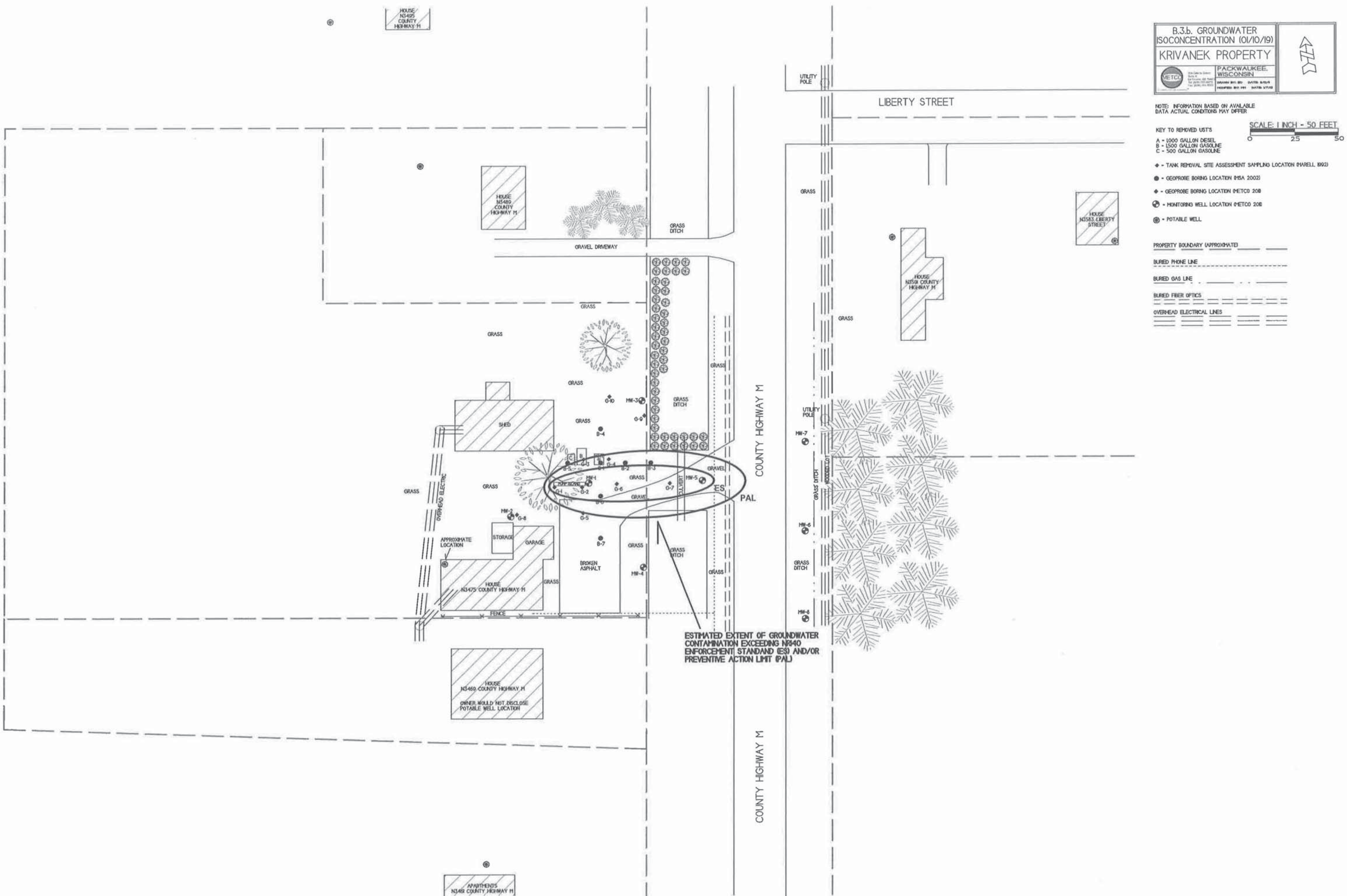
- LIGHT BROWN TO TAN TO GRAY VERY FINE TO MEDIUM GRAINED SAND

- LIGHT BROWN TO GRAY SILT TO CLAY TO SANDY CLAY

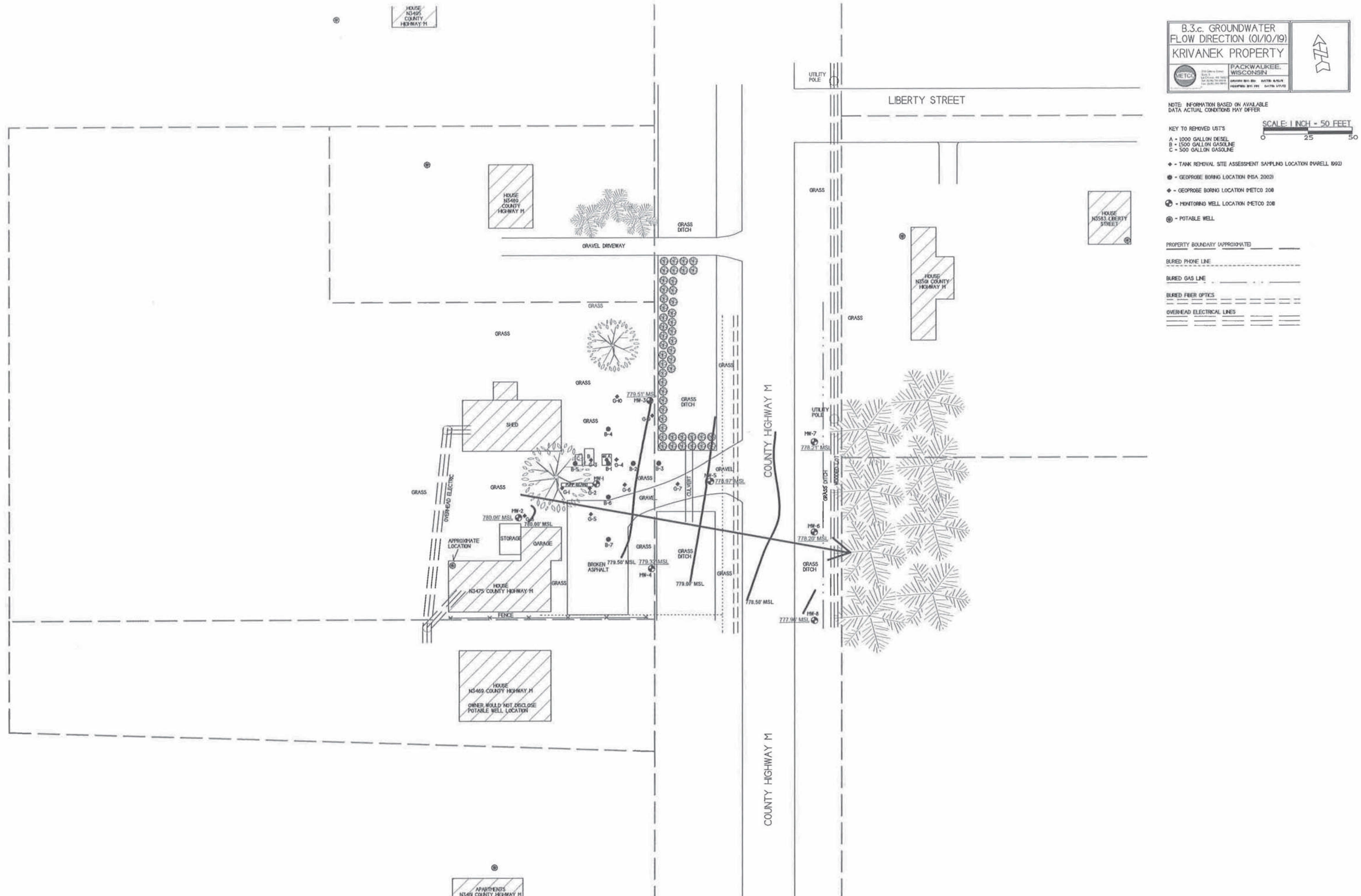
B= BENZENE
E= ETHYLBENZENE
MTBE= METHYL TERT-BUTYL ETHER
NAPH= NAPHTHLENE
T= TOLUENE
TMB= TRIMETHYLBENZENES
X= XYLENE

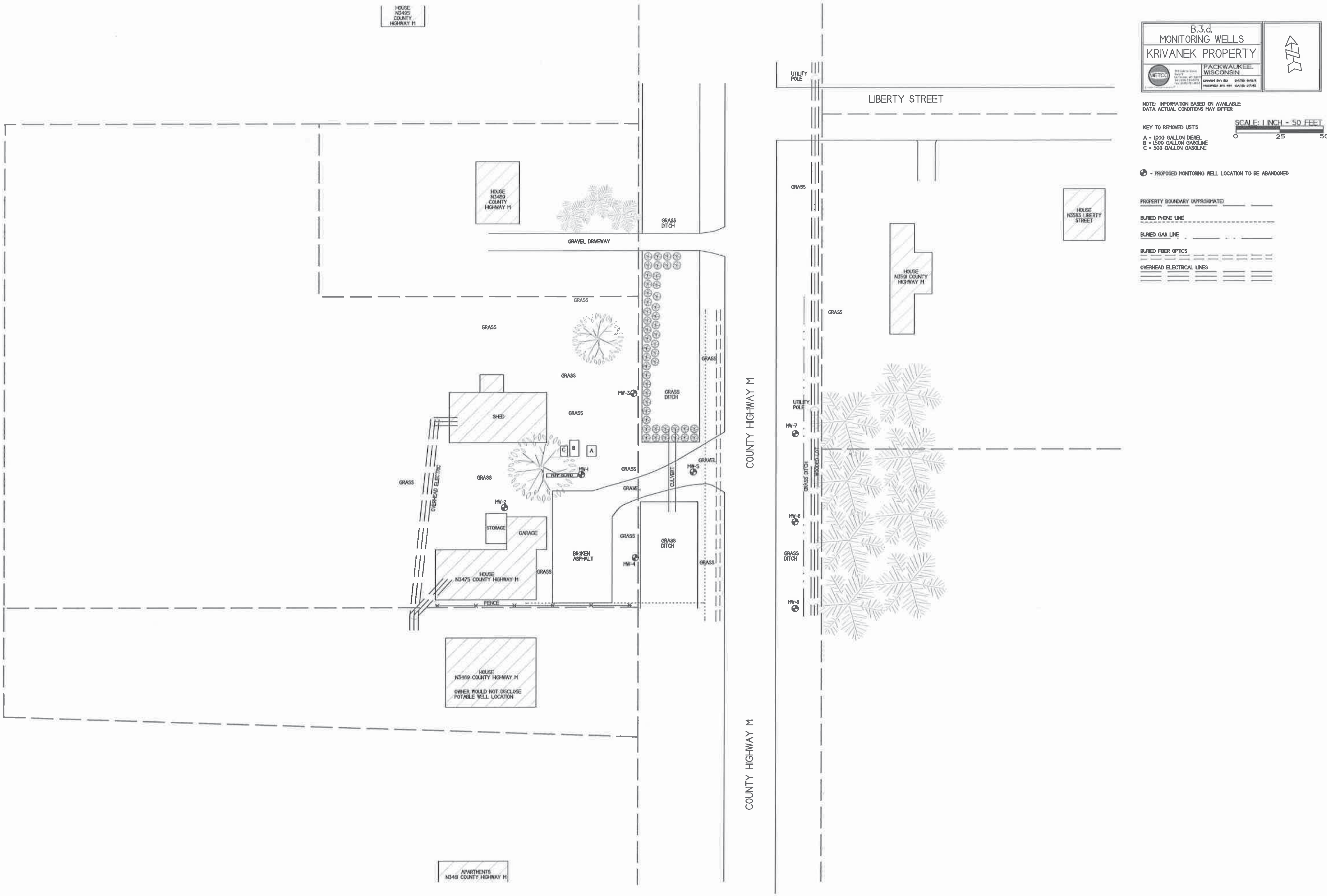
HORIZONTAL SCALE:
1 INCH = 20 FEET
0 20

VERTICAL SCALE:
1 INCH = 5 FEET
5 0



B.3.b. GROUNDWATER ISOCONCENTRATION (01/10/19)
KRIVANEK PROPERTY
PACKWAUKEE, WISCONSIN
METCO
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
SCALE: 1 INCH - 50 FEET
0
25
50
KEY TO REMOVED UST'S
A - 1,000 GALLON DIESEL
B - 1,500 GALLON GASOLINE
C - 500 GALLON GASOLINE
- TANK REMOVAL SITE ASSESSMENT SAMPLING LOCATION (MARELL 1992)
- GEOPROBE BORING LOCATION (MSA 2002)
- GEOPROBE BORING LOCATION (METCO 2018)
- MONITORING WELL LOCATION (METCO 2018)
- POTABLE WELL
PROPERTY BOUNDARY (APPROXIMATE)
BURIED PHONE LINE
BURIED GAS LINE
BURIED FIBER OPTICS
OVERHEAD ELECTRICAL LINES
LIBERTY STREET
COUNTY HIGHWAY M
UTILITY POLE
HOUSE N3495 COUNTY HIGHWAY M
HOUSE N3489 COUNTY HIGHWAY M
HOUSE N3583 LIBERTY STREET
HOUSE N3501 COUNTY HIGHWAY M
HOUSE N3475 COUNTY HIGHWAY M
HOUSE N3469 COUNTY HIGHWAY M
OWNER WOULD NOT DISCLOSE POTABLE WELL LOCATION
APARTMENTS N3461 COUNTY HIGHWAY M
GRAVEL DRIVEWAY
GRASS DITCH
SHED
STORAGE
GARAGE
BROKEN ASPHALT
FENCE
OVERHEAD ELECTRIC
APPROXIMATE LOCATION
CULVERT
WOODED LOT
ES
PAL
ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION EXCEEDING NR140 ENFORCEMENT STANDARD (ES) AND/OR PREVENTIVE ACTION LIMIT (PAL)
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8


B.3.c. GROUNDWATER FLOW DIRECTION (01/10/19)
KRIVANEK PROPERTY
METCO
PACKWAUKEE, WISCONSIN
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
KEY TO REMOVED UST'S
A = 1000 GALLON DIESEL
B = 1500 GALLON GASOLINE
C = 500 GALLON GASOLINE
SCALE: 1 INCH = 50 FEET
0
25
50
- TANK REMOVAL SITE ASSESSMENT SAMPLING LOCATION (MARELL 1992)
- GEOPROBE BORING LOCATION (MSA 2002)
- GEOPROBE BORING LOCATION (METCO 20
- MONITORING WELL LOCATION (METCO 20
- POTABLE WELL
PROPERTY BOUNDARY (APPROXIMATE)
BURIED PHONE LINE
BURIED GAS LINE
BURIED FIBER OPTICS
OVERHEAD ELECTRICAL LINES
LIBERTY STREET
COUNTY HIGHWAY M
UTILITY POLE
HOUSE N3495 COUNTY HIGHWAY M
HOUSE N3489 COUNTY HIGHWAY M
HOUSE N3583 LIBERTY STREET
HOUSE N3501 COUNTY HIGHWAY M
HOUSE N3475 COUNTY HIGHWAY M
HOUSE N3469 COUNTY HIGHWAY M
OWNER WOULD NOT DISCLOSE POTABLE WELL LOCATION
APARTMENTS N3491 COUNTY HIGHWAY M
GRAVEL DRIVEWAY
GRASS DITCH
SHED
STORAGE
GARAGE
FENCE
APPROXIMATE LOCATION
OVERHEAD ELECTRIC
BROKEN ASPHALT
CULVERT
WOODED LOT
779.51' MSL
MW-3
MW-1
MW-2
780.06' MSL
780.00' MSL
MW-4
779.50' MSL
779.32' MSL
MW-5
778.97' MSL
779.00' MSL
778.50' MSL
MW-7
778.21' MSL
MW-6
778.20' MSL
MW-8
777.96' MSL


B.3.d.
MONITORING WELLS
KRIVANEK PROPERTY
PACKWAUKEE, WISCONSIN
METCO
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
KEY TO REMOVED UST'S
A - 1,000 GALLON DIESEL
B - 1,500 GALLON GASOLINE
C - 500 GALLON GASOLINE
SCALE: 1 INCH - 50 FEET
0
25
50
- PROPOSED MONITORING WELL LOCATION TO BE ABANDONED
PROPERTY BOUNDARY (APPROXIMATE)
BURIED PHONE LINE
BURIED GAS LINE
BURIED FIBER OPTICS
OVERHEAD ELECTRICAL LINES
LIBERTY STREET
COUNTY HIGHWAY M
COUNTY HIGHWAY M
UTILITY POLE
HOUSE N3495 COUNTY HIGHWAY M
HOUSE N3489 COUNTY HIGHWAY M
GRAVEL DRIVEWAY
GRASS DITCH
GRASS
SHED
HOUSE N3475 COUNTY HIGHWAY M
GARAGE
STORAGE
BROKEN ASPHALT
CULVERT
FENCE
OVERHEAD ELECTRIC
GRAVEL
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
A
B
C
HOUSE N3469 COUNTY HIGHWAY M
OWNER WOULD NOT DISCLOSE POTABLE WELL LOCATION
APARTMENTS N3461 COUNTY HIGHWAY M
HOUSE N3563 LIBERTY STREET
HOUSE N3501 COUNTY HIGHWAY M
WOODED LOT

Attachment C/Documentation of Remedial Action

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

- Site Investigation Report – January 21, 2014

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

On January 10, 2019, METCO collected groundwater samples from the eight monitoring wells (MW-1 through MW-8) and the on-site private well for field and laboratory analysis (Round 6). Included in Attachment C.1 is the laboratory analytical report from the January 10, 2019 sampling event.

C.2 Investigative waste

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

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

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

C.6 Other – Not Applicable

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

JAMES BARKER
JAMES BARKER
644 EVERGREEN DRIVE
GRAND MARSH, WI 53936

Report Date *24-Jan-19*

Project Name KRIVANEK PROPERTY **Invoice #** E35696
Project #
Lab Code 5035696A
Sample ID N3475 CTH M
Sample Matrix Water
Sample Date 1/10/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/15/2019	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/15/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/15/2019	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/15/2019	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/15/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/15/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/15/2019	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/15/2019	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/15/2019	CJR	1

Project Name KRIVANEK PROPERTY **Invoice #** E35696
Project #

Lab Code 5035696B
Sample ID MW-2
Sample Matrix Water
Sample Date 1/10/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		1/17/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		1/17/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		1/17/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		1/17/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		1/17/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		1/17/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		1/17/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		1/17/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		1/17/2019	CJR	1

Lab Code 5035696C
Sample ID MW-4
Sample Matrix Water
Sample Date 1/10/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		1/17/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		1/17/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		1/17/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		1/17/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		1/17/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		1/17/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		1/17/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		1/17/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		1/17/2019	CJR	1

Lab Code 5035696D
Sample ID MW-3
Sample Matrix Water
Sample Date 1/10/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/16/2019	CJR	1
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/16/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/16/2019	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/16/2019	CJR	1
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/16/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/16/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/16/2019	CJR	1
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/16/2019	CJR	1
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/16/2019	CJR	1

Project Name KRIVANEK PROPERTY **Invoice #** E35696
Project #

Lab Code 5035696E
Sample ID MW-7
Sample Matrix Water
Sample Date 1/10/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/16/2019	CJR	
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/16/2019	CJR	
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/16/2019	CJR	
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/16/2019	CJR	
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/16/2019	CJR	
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/16/2019	CJR	
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/16/2019	CJR	
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/16/2019	CJR	
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/16/2019	CJR	

Lab Code 5035696F
Sample ID MW-8
Sample Matrix Water
Sample Date 1/10/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.69	1	GRO95/8021		1/16/2019	CJR	
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/16/2019	CJR	
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/16/2019	CJR	
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/16/2019	CJR	
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/16/2019	CJR	
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/16/2019	CJR	
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/16/2019	CJR	
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/16/2019	CJR	
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/16/2019	CJR	

Lab Code 5035696G
Sample ID MW-6
Sample Matrix Water
Sample Date 1/10/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	0.231 "J"	ug/l	0.22	0.69	1	GRO95/8021		1/16/2019	CJR	
Ethylbenzene	< 0.53	ug/l	0.53	1.69	1	GRO95/8021		1/16/2019	CJR	
Methyl tert-butyl ether (MTBE)	< 0.57	ug/l	0.57	1.82	1	GRO95/8021		1/16/2019	CJR	
Naphthalene	< 1.7	ug/l	1.7	5.38	1	GRO95/8021		1/16/2019	CJR	
Toluene	< 0.45	ug/l	0.45	1.45	1	GRO95/8021		1/16/2019	CJR	
1,2,4-Trimethylbenzene	< 0.73	ug/l	0.73	2.33	1	GRO95/8021		1/16/2019	CJR	
1,3,5-Trimethylbenzene	< 0.75	ug/l	0.75	2.39	1	GRO95/8021		1/16/2019	CJR	
m&p-Xylene	< 1	ug/l	1	3.17	1	GRO95/8021		1/16/2019	CJR	
o-Xylene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		1/16/2019	CJR	

Project Name KRIVANEK PROPERTY **Invoice #** E35696
Project #

Lab Code 5035696H
Sample ID MW-5
Sample Matrix Water
Sample Date 1/10/2019

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved		< 0.8	ug/L	0.8	2.7	1	7421		1/15/2019	CWT	1
Organic											
PVOC + Naphthalene											
Benzene		< 0.22	ug/l	0.22	0.71	1	8260B		1/17/2019	CJR	1
Ethylbenzene	27.6		ug/l	0.26	0.83	1	8260B		1/17/2019	CJR	1
Methyl tert-butyl ether (MTBE)		< 0.28	ug/l	0.28	0.89	1	8260B		1/17/2019	CJR	1
Naphthalene	7.0		ug/l	2.1	6.65	1	8260B		1/17/2019	CJR	1
Toluene	2.1		ug/l	0.19	0.6	1	8260B		1/17/2019	CJR	1
1,2,4-Trimethylbenzene	55		ug/l	0.8	2.55	1	8260B		1/17/2019	CJR	1
1,3,5-Trimethylbenzene	21		ug/l	0.63	2	1	8260B		1/17/2019	CJR	1
m&p-Xylene	112		ug/l	0.43	1.38	1	8260B		1/17/2019	CJR	1
o-Xylene	26.1		ug/l	0.29	0.93	1	8260B		1/17/2019	CJR	1

Lab Code 5035696I
Sample ID MW-1
Sample Matrix Water
Sample Date 1/10/2019

	Result		Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Inorganic											
Metals											
Lead, Dissolved	4.6		ug/L	0.8	2.7	1	7421		1/15/2019	CWT	1
Organic											
PVOC + Naphthalene											
Benzene	11.6 "J"		ug/l	11	34.5	50	GRO95/8021		1/16/2019	CJR	1
Ethylbenzene	145		ug/l	26.5	84.5	50	GRO95/8021		1/16/2019	CJR	1
Methyl tert-butyl ether (MTBE)		< 28.5	ug/l	28.5	91	50	GRO95/8021		1/16/2019	CJR	1
Naphthalene		< 85	ug/l	85	269	50	GRO95/8021		1/16/2019	CJR	1
Toluene	360		ug/l	22.5	72.5	50	GRO95/8021		1/16/2019	CJR	1
1,2,4-Trimethylbenzene	370		ug/l	36.5	116.5	50	GRO95/8021		1/16/2019	CJR	1
1,3,5-Trimethylbenzene	119 "J"		ug/l	37.5	119.5	50	GRO95/8021		1/16/2019	CJR	1
m&p-Xylene	590		ug/l	50	158.5	50	GRO95/8021		1/16/2019	CJR	1
o-Xylene	254		ug/l	29	92	50	GRO95/8021		1/16/2019	CJR	1

Project Name KRIVANEK PROPERTY **Invoice #** E35696
Project #

Lab Code 5035696J
Sample ID TB
Sample Matrix Water
Sample Date 1/10/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		1/17/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		1/17/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		1/17/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		1/17/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		1/17/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		1/17/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		1/17/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		1/17/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		1/17/2019	CJR	1

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

Code	*Comment*
1	Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

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

Authorized Signature Michael Ricker

C.1 Site Investigation documentation

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # No 34[illegible]0

Page 1 of 1

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

Lab I.D. #	
Account No. :	Quote No.:
Project #:	
Sampler: (signature)	Tyler Woodke
Project (Name / Location):	Krivianek Property/ Pockwaukee, WI
Reports To:	James Barker
Invoice To:	James Barker c/o METCO
Company	
Company	
Address	644 Evergreen Dr.
Address	709 Gillette Street, Suite 3
City State Zip	Grand Marsh, WI 53936
City State Zip	La Crosse, WI 54603
Phone	
Phone	
FAX	
FAX	

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD (Dissolved)	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
5035696 A	MW-1	1/10/19	1215			N	3	GW	HCl									X						
B	MW-2		945															X						
C	MW-4		1015															X						
D	MW-3		1045															X						
E	MW-7		1110															X						
F	MW-8		1135															X						
G	MW-6		1200															X						
H	MW-5		1245			Y	4		HCl, HNO3			X						X						
I	MW-1		115			Y	4		HCl, HNO3			X						X						
J	TB								HCl									X						

Analysis Requested — Other Analysis

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

Lab to send copy of report to METCO/Jason P. (Invoice to METCO)
* UtC Rules Apply
* Agent Status

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

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Tyler Woodke	8:00 AM	1/11/19			

Received in Laboratory By: [signature] Time: 10:00 Date: 1/12/19

C.2. Investigative Waste

DKS Construction Services, Inc.

P.O. BOX 222
2520 WILSON ST.
MENOMONIE,WI 54751

Invoice

DATE	INVOICE #
11/28/2011	28683

BILL TO

JAMES BARKER
%METCO
1421 US HIGHWAY 16
LA CROSSE, WI 54601

TERMS	Due on receipt
P.O. NO. OR PROJECT	
KRIVANEK PROPERTY	

QTY.	DESCRIPTION	RATE	AMOUNT
1	MOBILIZATION	274.00	274.00
3	PICK UP, HAUL, AND DISPOSE OF SOIL DRUMS	103.00	309.00
2	PICK UP, HAUL, AND DISPOSE OF WATER DRUMS	40.10	80.20
	DISPOSAL AT VEOLIA SEVEN MILE CREEK LANDFILL IN EAU CLAIRE WI		

Tax. Waste Disposal
Received 11/29/11
OK

A service charge of 1 1/2% per month (18% annual percentage rate) will be charged on accounts over 30 days past due. If you find any problems or have questions regarding this invoice, please call our office within five (5) days. If not, we assume it is entirely correct and you will be responsible for all charges. If payment is not made as stated, all costs and attorneys fees incurred in enforcing this invoice will be the responsibility of the customer and/or owner.

Subtotal	$663.20
Sales Tax (0.00)	$0.00
Total Due	$663.20
Payments/Credits	$0.00
Balance Due	$663.20

SUBCONTRACTOR IDENTIFICATION NOTICE

AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAW,CONTRACTOR HEREBY NOTIFIES THAT PERSONS OR COMPANIES FURNISHING LABOR OR MATERIALS FOR THE CONSTRUCTION ON OWNER'S LAND MAY HAVE LIEN RIGHTS ON THAT LAND OR ON THE BUILDINGS ON THAT LAND IF THEY ARE NOT PAID FOR SUCH LABOR OR MATERIALS. THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO THE UNDERSIGNED CONTRACTOR ARE THOSE WHO CONTRACT DIRECTLY WITH THE OWNER OR THOSE WHO GIVE THE OWNER NOTICE WITHIN 60 DAYS AFTER THEY FIRST FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION.ACCORDINGLY, OWNER PROBABLY WILL RECEIVE NOTICES FROM THOSE WHO FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO HIS MORTGAGE LENDER, IF ANY. CONTRACTOR AGREES TO COOPERATE WITH THE OWNER AND HIS LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMANTS ARE DULY PAID.

715-235-2600 PHONE 715-235-6661 FAX office@dks54751.com E-Mail

C.2. Investigative Waste

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

INVOICE

8-12 20 13

CUSTOMER
MRCO % James Baker
709 Gillette St, Suite 3
La Crosse WI 54603

JOB NAME
Krivanek Property
N3475 CTH MM
Packwaukee WI

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
	1	Mobilization	1	274 —	274 —
	1	Haul soil drum to Advanced Disposal - EC WI	1	103 —	103 —
				TOTAL	377 —

Thank You
Mark Sch

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

SIGNATURE _____ 56

Inv. Waste Disposal
Reviewed 8/22/13
DK

Attachment D/Maintenance Plan(s)

D.1 Description of Maintenance Actions – No maintenance plan is being required.

D.2 Location map(s) – No maintenance plan is being required.

D.3 Photographs – No maintenance plan is being required.

D.4 Inspection log – No maintenance plan is being required.

Attachment E/Monitoring Well Information

All monitoring wells have been located and will be abandoned upon conditional closure.

Attachment F/Source Legal Documents

F.1 Deed

F.2 Certified Survey Map

F.3 Verification of Zoning

F.4 Signed Statement

F.I. Deed

285195

STATE OF WISCONSIN, MARQUETTE COUNTY

IN THE MATTER OF

Eleanor Krivanek
Decedent

Transfer by Affidavit ($50,000 and under)

DOCUMENT NUMBER 285195
Marquette County
Bette L. Krueger
Register of Deeds
Recorded on 11/19/2010
at 09:15 AM

Register of deeds recording area

Name and return address

Bennett and Bennett, LLC
P.O. Box 30
Portage, Wisconsin 53901

Note: Use black ink only.

022-01486-0000
parcel identification number

UNDER OATH, I STATE THAT:

1. The decedent, whose date of birth was August 28, 1924, and date of death was December 22, 2009 died domiciled in Marquette County, State of Wisconsin, with a post office address of: N3475 CTH M, Packwaukee, Wisconsin 53953

2. I am:
   - ☐ an heir, having the following relationship to the decedent: _____.
   - ☒ the person who was guardian of the decedent at the time of the decedent's death.
   - ☐ trustee of a revocable trust created by the decedent.

3. The total value of the decedent's property subject to administration in Wisconsin on the date of death did not exceed $50,000.

4. The total value of the decedent's property subject to administration in Wisconsin at the date of decedent's death was $ 46,576.82.

5. The decedent:
   - ☐ did ☒ did not receive medical assistance.
   - ☐ did ☒ did not receive family care benefits (through a Care Management Organization – CMO).
   - ☐ did ☒ did not receive benefits from the Community Options Program (COP).
   - ☐ did ☒ did not receive benefits from the Wisconsin Chronic Disease Program.
   - ☐ was ☒ was not patient or inmate of a state or county hospital or institution, or responsible for any person owing an obligation to the state or county. If so, explain: _____

F.1. Deed

285195

6. If the decedent was ever married, complete the following:
Name of spouse (☐ living or ☒ deceased): _____
The spouse ☐ did ☒ did not receive benefits from the Community Options Program (COP).
The spouse ☐ did ☒ did not receive benefits from the Wisconsin Chronic Disease Program.

7. I ask that the following property be transferred to me under §867.03(1g), Wisconsin Statutes:

DESCRIPTION OF REAL ESTATE AND/OR PERSONAL PROPERTY TO BE TRANSFERRED (If real estate, list legal description and tax parcel number. If personal property, specifically describe property including name of financial institutions and account numbers, if any.)	VALUE
See attachment!	

8. By accepting the decedent's property under this section, I assume a duty to apply the property transferred for the payment of obligations according to priorities established under §859.25, Wisconsin Statutes, and to distribute any balance to those persons designated in the appropriate governing instrument, as defined in §854.01, Wisconsin Statutes, or if there is no governing instrument, according to the rules of intestate succession under ch. 852, Wisconsin Statutes.
9. If a decedent or decedent's spouse has received any of the benefits that are listed on page 1 of this affidavit, a duplicate affidavit must be sent by certified mail with return receipt requested to the Estate Recovery Program for the State of Wisconsin, Department of Health and Family Services prior to submission of this affidavit for recording. The proof of prior mailed notice should accompany the affidavit for recording, with the delivery date on the mail receipt being at least 10 days prior.

Subscribed and sworn to before me
on October 26, 2010

Notary Public/Court Official

My commission expires: is permanent

James Barker

Signature

James Barker & Joan Barker
Name Printed or Typed

644 Evergreen Drive
Address

Grand Marsh, Wisconsin 53931

This document was drafted by: Attorney Todd W. Bennett
Print or Type Name

☒ Register of Deeds Office viewed the certified mail receipt.

F. 1. Deed

285195

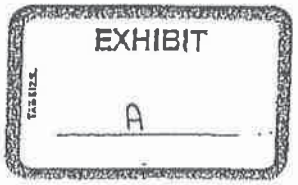
Part of the NE 1/4 of the SE 1/4 of Section 19, Township 15 North of Range 9 East, Township of Packwaukee, Marquette County, Wisconsin, described as follows:

Beginning 75 feet West of the center of old U.S. Highway 51 (C.T.H. "M") on the North line of the said NE 1/4 of the SE 1/4; thence West 181.5 feet to the point of beginning of this description; thence continuing West 181.5 feet; thence South 7 degrees 4 minutes West, 100 feet; thence East 181.5 feet; thence North 7 degrees 4 minutes East, 100 feet to the place of beginning.

Together with an easement for ingress and egress from the above described parcel over and across the adjoining parcel of land still owned by the grantor's herein to C.T.H. "M" over the grantors existing driveway.

A parcel of land located in the Northeast Quarter of the Southeast Quarter (NE 1/4-SE 1/4) of Section 19, Township 15, North Range 9 East, Town of Packwaukee, Marquette County, Wisconsin, described as follows:

Beginning 75 feet West of the Centerline of Old U.S. Highway No. 51 on the North line of said Northeast Quarter of the Southeast Quarter (NE 1/4-SE 1/4); thence West 363.00 feet; thence South 7 degrees 4 minutes West 100 feet, to a point, which is the point of beginning of this description; thence continuing South 7 degrees 4 minutes West, a distance of 185 feet; thence East 363.00 feet more or less, to a point, on the west right-of-way line of old U.S. Highway No. 51; thence North along said right-of-way line a distance of 185 feet, to an iron stake; thence West, 363.00 Feet, to the point of beginning.



F.2. Certified Survey Map

CERTIFICATE OF SURVEY

STATE OF WISCONSIN)
COUNTY OF MARQUETTE) S.S.

I, James E. Lowrey, Registered Land Surveyor, do hereby certify that by the order of Edmund and Eleanor Krivanek and William A. Goldsworthy, I have made a survey of part of the NE¼ of the SE¼ of Section 19, Town 15 North, Range 9 East, Town of Packwaukee, Marquette County, State of Wisconsin, to-wit:

PARCEL "A"

Commencing at the East one-quarter corner of said Section 19; thence West, 351.98 feet to the point of beginning; thence S07°00'48"W, 100.00 feet; thence East, 182.90 feet to the Westerly right-of-way line of CTH-"M" (old STH-"51"), said point being on a curve; thence along the arc of a curve to the right having a radius of 2827.70 feet and a chord which bears S06°13'42"W, 184.61 feet; thence West, 365.99 feet; thence N07°00'48"E, 284.90 feet; thence East, 180.54 feet to the point of beginning. Said parcel contains 1.95 acres.

PARCEL "B"

Commencing at the East one-quarter corner of said Section 19; thence West, 532.52 feet; thence S07°00'48"W, 349.82 feet to the point of beginning; thence East, 363.99 feet to the Westerly right-of-way line of CTH-"M" (old STH-"51"), said point being on a curve; thence along the arc of a curve to the right having a radius of 2827.70 feet and a chord which bears S11°59'23"W, 253.54 feet; thence West, 341.83 feet; thence N07°00'48"E, 249.88 feet to the point of beginning. Said parcel contains 2.02 acres.

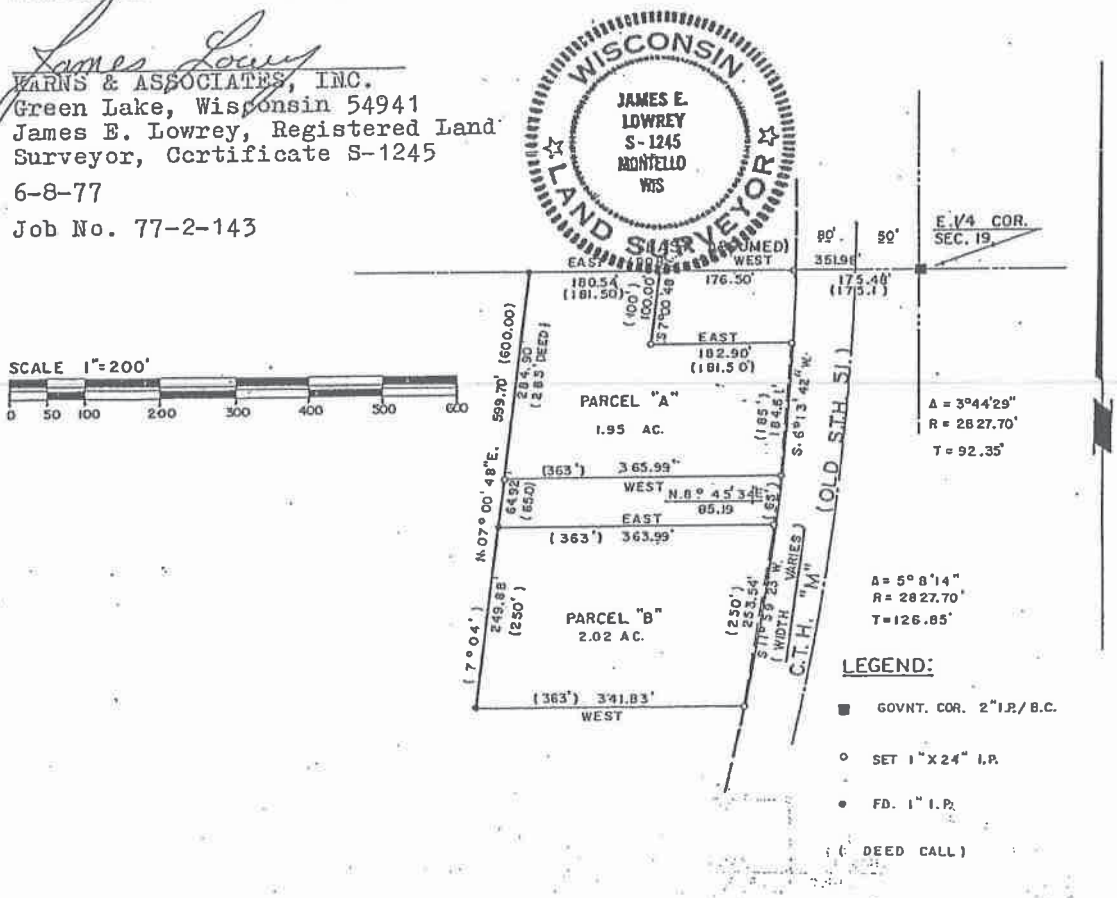
I further certify that the within drawing is a correct representation of the boundaries surveyed and that I have fully complied with the provisions of Chapter 59 of the revised statutes of the State of Wisconsin in surveying and mapping the same.

James Lowrey

WARNS & ASSOCIATES, INC.
Green Lake, Wisconsin 54941
James E. Lowrey, Registered Land Surveyor, Certificate S-1245

6-8-77

Job No. 77-2-143



MARQUETTE COUNTY
Zoning Department

Administrator—Thomas Onofrey
Secretary--Nora Beskow
P.O. Box 21 Montello, WI 53949
(608) 297-3036
Technician—Dustin Grant

MEMORANDUM

TO: Brandon Walker

FROM: Tom Onofrey-Zoning Administrator

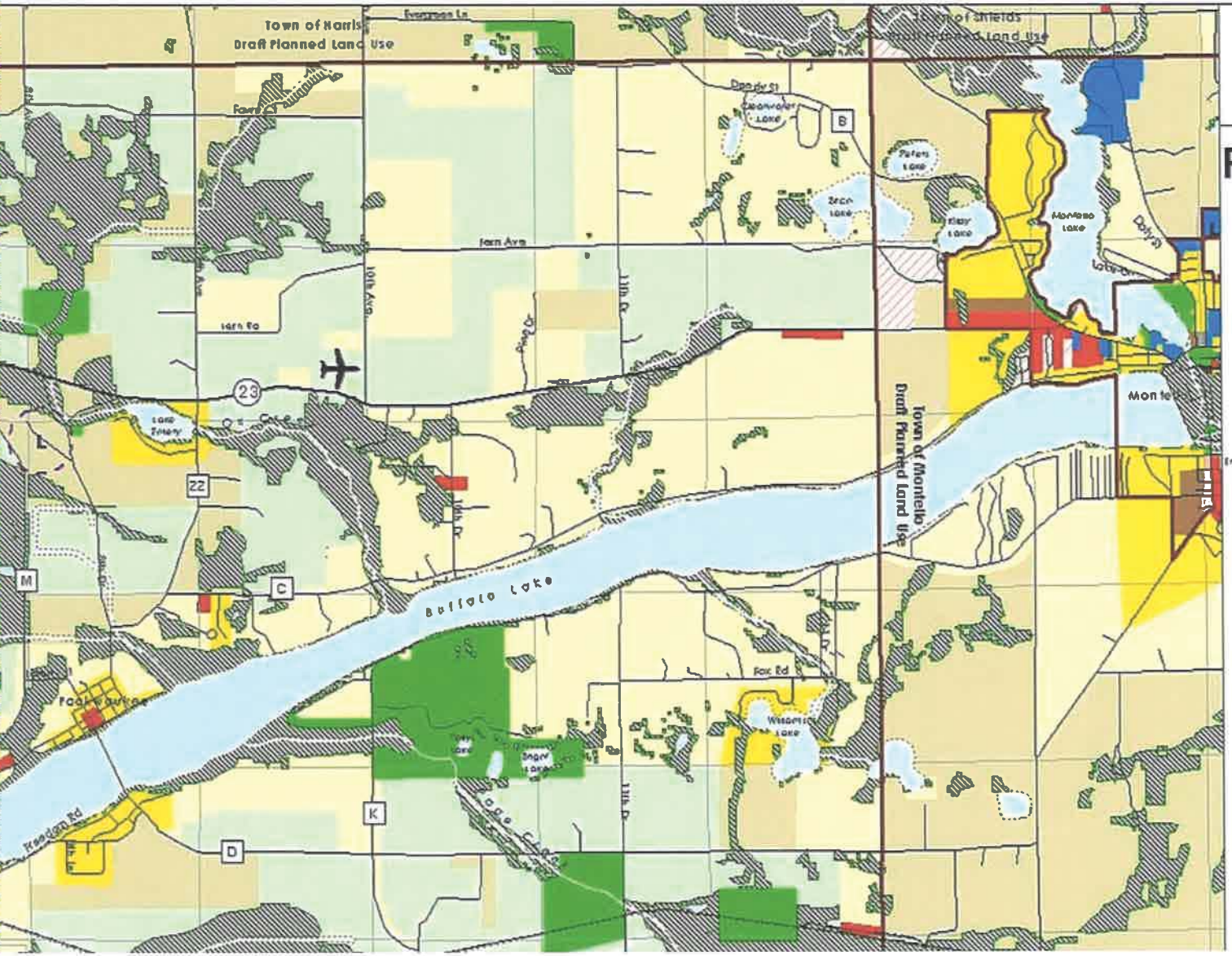
DATE: June 6, 2014

SUBJECT: Parcel # 022014860000

This memo is to confirm that parcel # 022014860000 is zoned Prime Agriculture (AG-1) under the Marquette County General Zoning ordinance. The same zoning applies to adjacent properties.

F.3. Verification of Zoning

F.3 Verification of Zoning
Planned Land Use



- Municipal Boundaries
- Roads*
- Section Lines
- Railroad

Rural/Environmental
- Agriculture - AG 1
- Rural Lands - AG 2
- Public Open Space
- Environmental Corridor
- Surface Water

Residential
- Single Family Residential - Rural - AG
- Single Family Residential - Sewered
- Mixed Residential

Non Residential
- General Purpose
- Commercial Recreation
- General Business
- Downtown
- General Industrial
- Institutional (Large Scale)

- Well Setback Area From Landfill
- Shoreland Setback Area
- Proposed Roads

Shapes on map represent general recommendations for future land use. Actual boundaries between different land use designations and as exists zoning district may vary somewhat from representations on this map.

F.4. Signed Statement

WDNR BRRTS Case #: 03-39-001727

WDNR Site Name: Krivanek Property

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:

JAMES W. BARKER SR.
(print name/title)

James W. Barker Sr. 7-30-14
(signature) (date)

Attachment G/Notifications to Owners of Affected Properties

G.a Notification to Marquette County for residual groundwater contamination in the ROW of County Highway M.

G.1 Deed – No off-site deeded properties have been impacted.

G.2 Certified Survey Map – No off-site deeded properties have been impacted.

G.3 Verification of Zoning – No off-site deeded properties have been impacted.

G.4 Signed Statement – No off-site deeded properties have been impacted.

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

Contact Person Last Name	First	MI	Phone Number (include area code)
Barker	James		(608) 572-1079

Address	City	State	ZIP Code
644 Evergreen Dr.	Grand Marsh	WI	53936

E-mail

Name of Party Receiving Notification:

Business Name, if applicable: Marquette County

Title	Last Name	First	MI	Phone Number (include area code)
Mr.	Sorensen	Gary		(608) 297-3016

Address	City	State	ZIP Code
PO Box 186	Montello	WI	53949

Site Name and Source Property Information:

Site (Activity) Name Krivanek Property

Address	City	State	ZIP Code
N3475 CTH M	Packwaukee	WI	53953

DNR ID # (BRRTS#)	(DATCP) ID #
03-39-001727	

Contacts for Questions:

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

Environmental Consultant: METCO

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

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

E-mail jasonp@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) Office: Oshkosh

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

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

E-mail (Firstname.Lastname@wisconsin.gov) tom.verstegen@wisconsin.gov

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

PO Box 186
Montello, WI, 53949

Dear Mr. Sorensen:

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 county of Marquette may become responsible. I investigated a release of: petroleum on N3475 CTH M, Packwaukee, WI, 53953 that has shown that contamination has migrated into the right-of-way for which county of Marquette is responsible. I have responded to the release, and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

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

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

Residual Contamination:

Groundwater Contamination:

Groundwater contamination originated at the property located at: N3475 CTH M, Packwaukee, WI, 53953 .

The levels of Lead, and Benezene 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 PROPERTY

A

RIGHT-OF-WAY

6.a

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

Signature of responsible party/environmental consultant for the responsible party	Date Signed
Jason S.	5/13/19

Attachments

Contact Information

Legal Description for each Parcel:

AFFECTED
A
PROPERTY

RIGHT-OF-WAY

6.a

B.3.b. GROUNDWATER ISOCONCENTRATION (01/10/19)

KRIVANEK PROPERTY

METCO

PACKWAUKEE, WISCONSIN

DRAWN BY: BD DATE: 8/13/19

MODIFIED BY: MH DATE: 1/7/20

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

SCALE: 1 INCH = 50 FEET

0 25 50

KEY TO REMOVED UST'S

A - 1000 GALLON DIESEL
B - 1500 GALLON GASOLINE
C - 500 GALLON GASOLINE

◆ - TANK REMOVAL SITE ASSESSMENT SAMPLING LOCATION (HARELL 1992)

● - GEOPROBE BORING LOCATION (MSA 2002)

◆ - GEOPROBE BORING LOCATION (METCO 200

⊕ - MONITORING WELL LOCATION (METCO 200

⊛ - POTABLE WELL

PROPERTY BOUNDARY (APPROXIMATE)

BURIED PHONE LINE

BURIED GAS LINE

BURIED FIBER OPTICS

OVERHEAD ELECTRICAL LINES

HOUSE N3495 COUNTY HIGHWAY H

HOUSE N3489 COUNTY HIGHWAY H

GRAVEL DRIVEWAY

GRASS DITCH

GRASS

SHED

G-10 HW-3 G-9 B-4 B-1 B-2 B-3 G-4 G-3 G-1 G-2 G-6 G-7 HW-5 HW-1 G-8 HW-2 G-5 B-7 HW-4

GRAVEL

CULVERT

OVERHEAD ELECTRIC

STORAGE

GARAGE

APPROXIMATE LOCATION

BROKEN ASPHALT

HOUSE N3475 COUNTY HIGHWAY H

FENCE

HOUSE N3468 COUNTY HIGHWAY H

OWNER WOULD NOT DISCLOSE POTABLE WELL LOCATION

APARTMENTS N3481 COUNTY HIGHWAY H

ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION EXCEEDING NR140 ENFORCEMENT STANDARD (ES) AND/OR PREVENTIVE ACTION LIMIT (PAL)

COUNTY HIGHWAY M

UTILITY POLE

LIBERTY STREET

HOUSE N3583 LIBERTY STREET

HOUSE N3591 COUNTY HIGHWAY H

HW-7 HW-6 HW-8

GRASS DITCH

CULVERT

AFFECTED
A
PROPERTY

RIGHT-OF-WAY

G.2

SENDER: *COMPLETE THIS SECTION*

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

1. Article Addressed to:

[redacted]uette County
[redacted] Sorensen
P.O. Box 186
Montello WI 53949

9590 9403 0958 5223 6285 79

2. Article Number (Transfer from service label)

7015 1660 0000 4342 8766

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X John W Fisher ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* John W Fisher

C. Date of Delivery 5-16-19

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

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- nsured Mail
- nsured Mail Restricted Delivery (over $500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

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

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

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

July 23, 2019

AFFECTED **A** PROPERTY

RIGHT-OF-WAY

MARQUETTE COUNTY
GARY SORENSEN
PO BOX 186
MONTELLO WI 53949

SUBJECT: Notice of Closure Approval with Continuing Obligations for Rights-of-Way Holders for County Highway M south of Liberty Street, Packwaukee, WI
Final Case Closure for Krivanek Property, N3475 County Highway M, Town of Packwaukee, WI
DNR BRRTS Activity #: 03-39-001727

Dear Mr. Sorensen:

The Department of Natural Resources (DNR) recently approved the completion of environmental work done at the Krivanek Property site. This letter describes how that approval applies to the right-of-way (ROW) at County Highway M south of Liberty Street, Packwaukee, Wisconsin. 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 16, 2019, you received information from the consultant, Jason Powell of METCO, about the Volatile Organic Compounds (VOCs) and Lead contamination in the ROW from Krivanek Property, located at, N3475 County Highway M, Town of Packwaukee, Wisconsin, and about the continuing obligations. Continuing obligations are meant to limit exposure to any remaining contamination.

Applicable Continuing Obligations

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

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

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

Closure Conditions

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

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present both on the source property and in the County Highway M ROW, as shown on the attached map Groundwater Isoconcentration (1/10/2019), Figure B.3.b, 1/7/2013. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

AFFECTED A PROPERTY | RIGHT-OF-WAY

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

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

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 03-39-001727 in the **Activity Number** field in the initial screen, then click on **Search**. Scroll down and click on the **CO Packet** link for information about the completion of the environmental work. The site may also be seen on the map view, RR Sites Map. RR Sites Map can be found online at dnr.wi.gov and search "WRRD".

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

Sincerely,

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

Attachment:

- Groundwater Isoconcentration (1/10/2019), Figure B.3.b, 1/7/2013

cc: James Barker, 644 Evergreen Dr, Grand Marsh WI 53936
Ron Anderson, METCO, rona@metcohq.com