State of Wisconsin
Department of Natural Resources
P.O. Box 7921, Madison, WI 53707-7921

GIS REGISTRY (Cover Sheet)
Form 4400-280 (R 6/13)

Source Property Information

CLOSURE DATE: 05/19/2015

BRRTS #: **03-23-548442**

FID #: NA

ACTIVITY NAME: FRIEDLI PROPERTY

DATCP #: NA

PROPERTY ADDRESS: N4905 STATE HIGHWAY 59

PECFA#: 53502972305

MUNICIPALITY: ALBANY

PARCEL ID #: 23-4-623.0000

***WTM COORDINATES:**

X: **562864** Y: **245778**

** Coordinates are in WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

- (•) Approximate Center Of Contaminant Source
- ( ) Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

CONTINUING OBLIGATIONS

Contaminated Media for Residual Contamination:

- ☐ Groundwater Contamination > ES *(236)*
  - ☐ Contamination in ROW
  - ☐ Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")*
- ☒ Soil Contamination > *RCL or **SSRCL *(232)*
  - ☐ Contamination in ROW
  - ☐ Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")*

Site Specific Obligations:

- ☐ Soil: maintain industrial zoning *(220)*

  *(**note:** soil contamination concentrations between non-industrial and industrial levels)*
- ☒ Structural Impediment *(224)*
- ☐ Site Specific Condition *(228)*
- ☒ Cover or Barrier *(222)*
  - ☒ Direct Contact
  - ☒ Soil to GW Pathway
- ☐ Vapor Mitigation *(226)*
- ☐ Maintain Liability Exemption *(230)*

  *(**note:** local government unit or economic development corporation was directed to take a response action)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? *(234)*

(•) Yes ( ) No ( ) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

May 19, 2015

Mr. Jeff Hartwig
N2927 Monroe Sylvester Road
Monroe, WI 53566

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Friedli Property, N4905 STH 59, Albany, WI
DNR BRRTS Activity #: 03-23-548442

Dear Mr. Hartwig:

The Department of Natural Resources (DNR) considers the Friedli Property closed, with continuing obligations. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read 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.

This final closure decision is based on the correspondence and data provided, and is issued under chs. NR726 and 727, Wis. Adm. Code. The South Central Region (SCR) Closure Committee reviewed the request for closure on April 7, 2015. 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.

This site has been used for cheese production. There was an underground storage tank (removed) on site. 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.

- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Pavement (concrete) cover must be maintained over contaminated soil and the DNR must be notified and approve any changes to this barrier.
- If a structural impediment that obstructed a complete site investigation and/or cleanup is removed or modified, additional environmental work must be completed.

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 at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

Geographic Information System (GIS) Registry

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at http://dnr.wi.gov/topic/Brownfields/clean.html, 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, under the GIS Registry layer, at the same web address.

DNR approval prior to well construction or reconstruction is required for all sites shown on 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. 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 http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

All site information is also on file at the South Central Regional DNR office, at 3911 Fish Hatchery Road, Fitchburg, Wisconsin, 53711. This letter and information that was submitted with your closure request application, including any maintenance plan and maps, can be found as a Portable Document Format (PDF) file in BRRTS on the Web.

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where pavement and, a building foundation barrier is required, as shown on the **attached map** Location Map D.1, 7/17/2012, unless prior written approval has been obtained from the DNR:

- removal of the existing barrier or cover;
- replacement with another barrier or cover;
- excavating or grading of the land surface;
- filling on covered or paved areas;
- plowing for agricultural cultivation;
- construction or placement of a building or other structure.

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 and the attached maintenance plan 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
3911 Fish Hatchery Road
Fitchburg, WI 53711

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains at 10-12 feet below the ground surface under the northeast corner of the garage as indicated on the **attached map** D.1 Location Map, 7/17/2012. 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.

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats., s. NR 726.15, s. NR 727.07, Wis. Adm. Code)
The building that exists in the location shown on the **attached map** D.1 Location Map, 7/17/2012, shall be maintained in compliance with the **attached maintenance plan** in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code.

In this case, the building is also considered a structural impediment, and additional investigation and response requirements apply as described in the section titled Structural Impediments.

A request may be made to modify or replace a cover or barrier. Before removing or replacing the cover, you must notify the DNR at least 45 days before taking an action. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation. A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if the use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. In addition, a cover or barrier for multi-family residential housing use may not be appropriate for use at a single family residence.

The **attached maintenance plan and inspection log (DNR form 4400-305)** are to be kept up-to-date and on-site. Inspections shall be conducted annually, in accordance with the attached maintenance plan. Submit the inspection log to the DNR only upon request.

Structural Impediments (s. 292.12 (2) (b), Wis. Stats., s. NR 726.15, s. NR 727.07, Wis. Adm. Code)
The remaining garage foundation as shown on the **attached map** D.1 Location Map, 7/17/2012, made complete investigation and/or remediation of the soil contamination on this property impracticable. If the structural impediment is to be removed, the property owner shall notify the DNR at least 45 days before removal, and conduct an investigation of the degree and extent of petroleum contamination below the structural impediment. If contamination is found at that time, the contamination shall be properly remediated in accordance with applicable statutes and rules.

Other Closure Information

Chapter NR 140, Wis. Adm. Code Exemption

Recent groundwater monitoring data at this site indicates that for benzene at monitoring well MW-1, contaminant levels exceed the NR 140 preventive action limit (PAL) but are below the enforcement

standard (ES). The DNR may grant an exemption to a PAL for a substance of public health concern, other than nitrate, pursuant to s. NR 140.28 (2) (b), Wis. Adm. Code, if all of the following criteria are met:

1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.
2. Compliance with the PAL is either not technically or economically feasible.
3. The enforcement standard for the substance will not be attained or exceeded at the point of standards application. [Note: at this site the point of standards application is all points where groundwater is monitored.]
4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

Based on the information you provided, the DNR believes that these criteria have been or will be met. The dissolved phase benzene concentration is declining rapidly and is expected to fall below the PAL in a short period of time. Therefore, pursuant to s. NR 140.28, Wis. Adm. Code, an exemption to the PAL is granted for benzene at monitoring well MW-1. Please keep this letter, because it serves as your exemption.

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.

In Closing

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

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats., or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Woody Myers at (608) 273-5613, or at will.myers@wisconsin.gov.

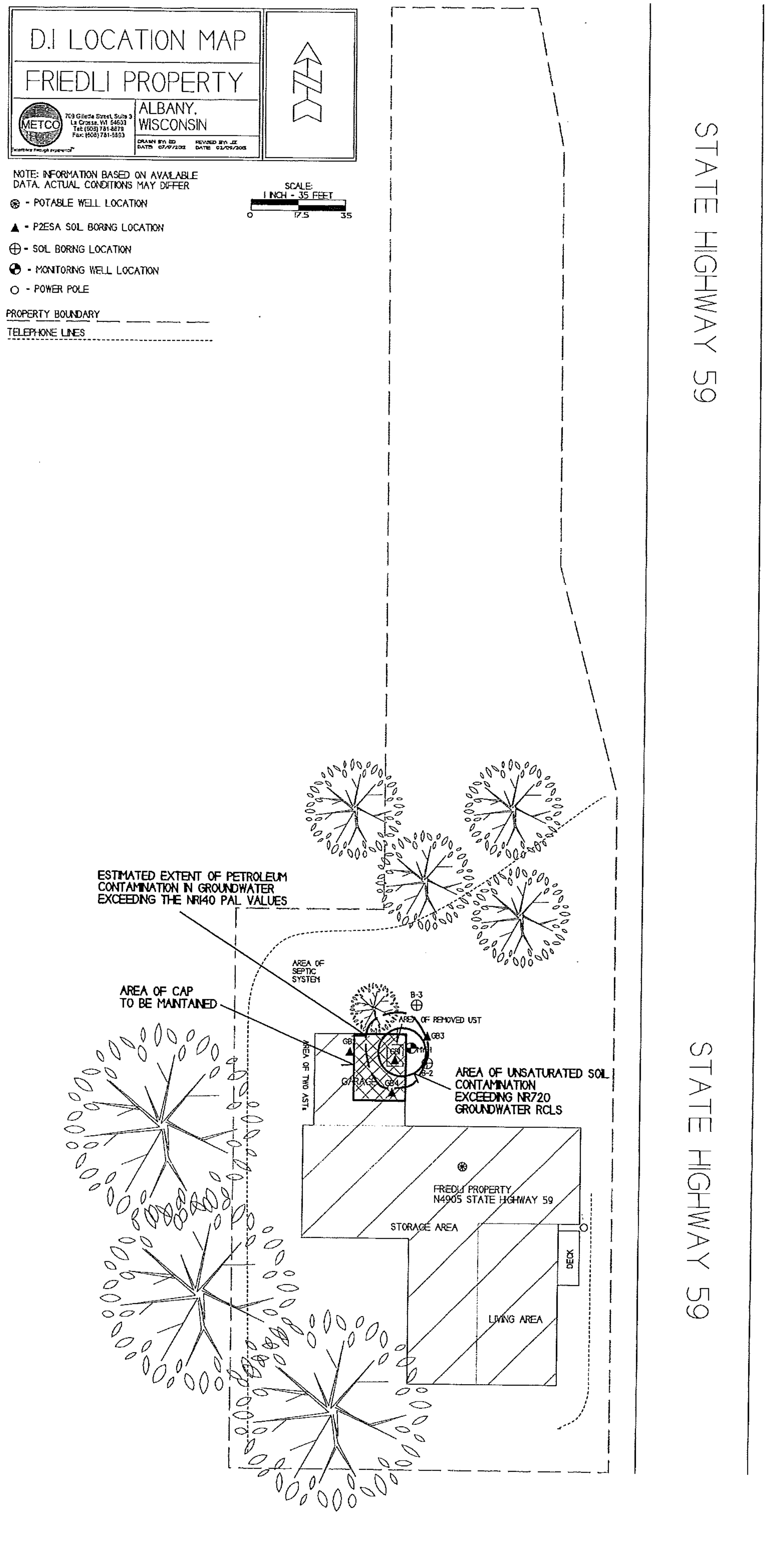
Sincerely,

Linda Hanefeld
SCR Team Supervisor
Remediation & Redevelopment Program

Attachments:

- D.1 Location Map
- Maintenance Plan
- Inspection Log

cc: METCO, La Crosse , WI
Bill Phelps, DG/5


D.I LOCATION MAP
FRIEDLI PROPERTY
METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
ALBANY,
WISCONSIN
N
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
SCALE:
1 INCH - 35 FEET
0
17.5
35
- POTABLE WELL LOCATION
- P2ESA SOIL BORING LOCATION
- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- POWER POLE
PROPERTY BOUNDARY
TELEPHONE LINES
STATE HIGHWAY 59
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 PAL VALUES
AREA OF SEPTIC SYSTEM
AREA OF CAP TO BE MAINTAINED
B-3
AREA OF REMOVED UST
GB3
B-2
AREA OF TWO AST's
GARAGE
GB4
AREA OF UNSATURATED SOIL CONTAMINATION EXCEEDING NR720 GROUNDWATER RCLS
FRIEDLI PROPERTY
N4905 STATE HIGHWAY 59
STORAGE AREA
DECK
LIVING AREA
STATE HIGHWAY 59

D.4 Inspection Log

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Continuing Obligations Inspection and Maintenance Log

Form 4400-305 (2/14)

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. 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.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT delete previous inspection results. This form was developed to provide a continuous history of site inspection results. The Department of Natural Resources project manager is identified in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at http://dnr.wi.gov/botw/SetUpBasicSearchForm.do, by searching for the site using the BRRTS ID number, and then looking in the "Who" section.

Activity (Site) Name: Friedli Property

BRRTS No.: 03-23-548442

Inspections are required to be conducted (see closure approval letter):

- (●) annually
- ( ) semi-annually
- ( ) other – specify ____________

When submittal of this form is required, submit the form electronically to the DNR project manager. An electronic version of this filled out form, or a scanned version may be sent to the following email address (see closure approval letter):

Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N

D.3. Description of Maintenance Actions

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the soil contamination hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the concrete cap overlying the contaminated soil is removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the concrete cap, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Cover or Cap
The following activities are prohibited on any portion of the property where the concrete cap is required as shown on the attached map, unless prior written approval has been obtained from the WDNR: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Amendment or Withdrawal of Maintenance Plan
This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

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

Case Closure - GIS Registry

Form 4400-202 (R 11/13)

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. Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided. Any section of the form not relevant to the case closure request must be fully filled out or explained on a separate page and attached to the relevant section of this form. 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.).

Site Information

BRRTS No.	Parcel ID No.		
03-23-548442	23-4-623.0000		
BRRTS Activity (Site) Name	WTM Coordinates		
	X	Y	
Friedli Property	562863	245776	
Street Address	City	State	ZIP Code
N4905 State Highway 59	Albany	WI	53502

Responsible Party (RP) Name: Jeff Hartwig

Company Name:

Street Address	City	State	ZIP Code
N2927 Monroe Sylvester Road	Monroe	WI	53566
Phone Number	Email		
(608) 345-3428			

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

Environmental Consultant Name: Ron Anderson

Consulting Firm: METCO

Street Address	City	State	ZIP Code
709 Gillette Street Suite 3	La Crosse	WI	54603
Phone Number	Email		
(608) 781-8879	rona@metcohq.com		
Acres Ready For Use			
1.24	Voluntary Party Liability Exemption Site? ○ Yes ◉ No		

Fees and Mailing of Closure Request

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

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 Environmental Program Associate at **http://dnr.wi.gov/topic/Brownfields/Contact.html**. Check all fees that apply:

   ☒ $1,050 Closure Fee

   ☒ $300 Database Fee for Soil

   ☐ $350 Database Fee for Groundwater or Other Condition (MW Not Abandoned)

   Total Amount of Payment $ $1,350.00

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 section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may 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 subject property is located in the SE 1/4 of the SW 1/4 of Section 31, Township 03 North, Range 09 East, Green County, State of Wisconsin. The property consists of one tax parcel (PID # 0632.0000), and is bound on all sides by farmland.

B. **Prior and current site usage**: Specifically describe the current and historic occupancy and types of use.
A cheese factory operated on the subject property from approximately 1910 until the early 1990's. The cheese factory had a 300 gallon gasoline UST that was used for fueling company vehicles. The UST was removed in 1997 and its age is not known. Currently the property is used as a residence and shop. A garage has been built over the former UST location.

C. Describe how and when site contamination was discovered.
On January 9, 2006, BT2 completed four Geoprobe borings at the subject property during a Phase 2 Environmental Site Assessment (P2ESA). The borings were advanced to depths ranging from 11.5 to 14 feet, where bedrock was encountered. Continuous soil samples were collected from the borings and field screened with a photo ionization detector (PID). Two soil samples from each boring were submitted to a laboratory for GRO, PVOC, and Lead analysis. Petroleum contamination was detected in soil boring GB1, which showed GRO levels ranging from 280-700 ppm and elevated levels of PVOC's. The petroleum contamination was reported to the WDNR, who then required that a site investigation be conducted at the Friedli Property.

D. Describe the type(s) and source(s) or suspected source(s) of contamination.
The source of the petroleum contamination is the former 300 gallon UST system that was removed in 1997.

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

F. List BRRTS activity site name and number for all other BRRTS activities at this property, including closed cases.
No other BRRTS activities exist at the subject property

G. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to this site, and those impacted by contamination from this site.
No other BRRTS activities exist for any of the adjacent properties.

H. **Current zoning** (e.g. industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
The subject property and all of the surrounding properties are zoned as agricultural land.

2. General Site Conditions

A. Soil/Geology

i. Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.
Geologic materials in the area of investigation consist of the following in downward stratigraphic order:

- From ground surface to depths ranging from 4-11 feet bgs exists a dark green to brown silt/clay.

- From depths ranging from 4-11 feet bgs and extending to approximately 11 feet bgs exists a dark green to dark brown silty sand.

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
No fill material or waste deposits were encountered during the site investigation.

iii. Depth to bedrock, bedrock type, and whether or not it was encountered during the investigation.
Weathered sandstone (orange sand) was encountered at approximately 11 feet bgs. Competent sandstone bedrock exists from approximately 12 feet bgs to at least 51 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 house and garage lie on the southern portion of the property with a gravel driveway leading from Highway 59 to the house. Some tree cover surrounds the house, but the majority of the property is covered in grass.

Save...

B. Groundwater

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

According to data collected from monitoring well MW-1, the depth to groundwater ranges from 34.83 to 35.94 feet bgs depending on time of year. The water table exists in sandstone bedrock. No free product has been encountered at the subject property, and therefore no measurements or water table elevation have been affected.

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

Local groundwater flow direction is unknown for both the shallow and deep aquifer, but both are expected to be generally toward the north to northeast.

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

There was no hydraulic conductivity testing at the Friedli Property site. However, the water table in this area exists in sandstone bedrock, which typically has a hydraulic conductivity range of 10-5 to 10-6 cm/s.

iv. Identify and describe locations/distance of potable and/or municipal Wells within 1200 feet of the site.

The on-site potable well is located approximately 45 feet to the southeast of the removed UST, and could be considered at risk. However, in the four sampling events no VOC detects were noted. No other potable wells are known to exist within 1,200 feet of the subject property.

3. Site Investigation Summary

A. General

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

On January 9, 2006, BT2 completed four Geoprobe borings at the subject property during a Phase 2 Environmental Site Assessment (P2ESA). Continuous soil samples were collected from the borings and field screened with a photo ionization detector (PID). Two soil samples from each boring were submitted for laboratory analysis. Petroleum contamination was detected in soil boring GB1, and was subsequently reported to the WDNR, who then required that a site investigation be conducted at the Friedli Property.
(Phase 2 Environmental Site Assessment, February 21, 2006)

On December 17-18, 2013, METCO completed three soil borings (MW-1, B-2, and B-3) and installed one monitoring well (MW-1). Nine soil samples were collected for field and/or laboratory analysis. Upon completion of the monitoring well, the well was properly developed.
(Site Investigation Report, February 19, 2015)

On January 14, 2014, METCO collected groundwater samples from monitoring well MW-1 and the on-site potable well for field and laboratory analysis.
(Site Investigation Report, February 19, 2015)

On April 17, 2014, METCO collected groundwater samples from monitoring well MW-1 and the on-site potable well for field and laboratory analysis.
(Site Investigation Report, February 19, 2015)

On July 15, 2014, METCO collected groundwater samples from monitoring well MW-1 and the on-site potable well for field and/or laboratory analysis.
(Site Investigation Report, February 19, 2015)

On October 15, 2014, METCO collected groundwater samples from monitoring well MW-1 for field and/or laboratory analysis. It should be noted that the on-site potable well was not sampled because there was no access to the house.
(Site Investigation Report, February 19, 2015)

On January 12, 2015, METCO collected groundwater samples from monitoring well MW-1 and the on-site potable well for field and/or laboratory analysis.
(Site Investigation Report, February 19, 2015)

ii. Identify whether contamination extends beyond the source property boundary, describe the off-site media (e.g., soil, groundwater, etc.) impacted, and the vertical and horizontal extent of off-site impacts.

No soil or groundwater contamination extends beyond the source property.

Save...

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** at and from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways.

An area of unsaturated soil contamination exceeding the NR720 Groundwater RCL values exists in the area of the removed UST. This circular shaped area measures approximately 18 feet in diameter and extends down to competent bedrock (12 feet bgs). The extent of petroleum contamination in bedrock cannot be defined, but appears to extend to the watertable (~35 feet bgs) based on the groundwater analytical results from MW-1.

Based on the receptor survey, there does not appear to be any risk to utility corridors or surface waters. Also, the potential for vapor intrusion seems minimal as there appears to be at least five feet of clean soil below the garage floor and the contaminant plume does not extend below the dwelling.

ii. Describe the level and types of **soil contaminants** found in the upper four feet of the soil column.

There were no soil contaminants found in the upper four feet of the soil column.

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

Residual Contaminant Levels (RCL's) were established in accordance with NR720.10 and NR720.12. Soil RCL's for the protection of the groundwater pathway and for no-industrial direct contact were taken from the RR programs RCL's spreadsheet.

C. Groundwater

i. Describe degree and extent of groundwater contamination at or from this site. 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 PAL has formed at the watertable in the area of the removed UST. This plume is approximately 28 feet long and 23 feet wide. The former UST is the expected source of the contamination.

Based on the receptor survey, there does not appear to be any risk to utility corridors or surface waters. The on-site potable well could be considered at risk, however in the four sampling events no VOC detects were noted. Also, the potential for vapor intrusion seems minimal, as groundwater exists at approximately 35 feet bgs and the contaminant plume does not extend below the dwelling.

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

No free product was encountered during the site investigation.

D. Vapor

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

Petroleum contaminated soil does exist beneath the garage at approximately 8-14 feet bgs. However, this does not appear to pose a risk of vapor intrusion due to the depth of the petroleum contaminated soil, the depth to groundwater (~35 feet bgs), the absence of free product, and the use of the building as a garage.

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 vapor samples were collected as part of the site investigation.

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 an intermittent stream, which exists approximately 1,600 feet to the southeast of the subject property. Based on the results of the site investigation, it does not appear that the petroleum contamination has impacted any surface waters. Therefore, no surface water or sediment samples were collected.

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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 waters or sediments were assessed as part of the site investigation.

4. Remedial Actions Implemented and Residual Levels at Closure

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

No remedial action occurred as part of the site investigation

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

No immediate or interim activities occurred as part of the site investigation.

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

No active remedial actions occurred as part of the site investigation.

D. Provide a discussion of the nature, degree and extent of residual contamination that will remain at the site or on off-site affected properties after case closure.

An area of unsaturated soil contamination exceeding the NR720 Groundwater RCL values exists in the area of the removed UST. This circular shaped area measures approximately 18 feet in diameter and extends down to competent bedrock (12 feet bgs). The extent of petroleum contamination in bedrock cannot be defined, but appears to extend to the watertable (~35 feet bgs) based on the groundwater analytical results from MW-1.

A dissolved phase contaminant plume exceeding the NR140 PAL has formed at the watertable in the area of the removed UST. This plume is approximately 28 feet long and 23 feet wide.

E. Describe the remaining soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds Residual Contaminant Levels established under s. NR 720. 12 , the ch. NR720, Wis. Adm. Code, for protection of human health from direct contact.

No soil within four feet of ground surface exceeds the NR720 Direct Contact RCL's

F. Describe the remaining soil contamination in the vadose zone that attains or exceeds the soil standard(s) for the groundwater pathway.

From the 2006 Phase 2 Environmental Site Assessment, two soil samples showed NR720 exceedances. Soil sample GB1-S6 (10-12' bgs) showed Groundwater RCL exceedances for Benzene (0.170 ppm), Ethylbenzene (3.5 ppm), 1,2,4-Trimethylbenzene (16 ppm), 1,3,5-Trimethylbenzene (4.5 ppm), and Xylene (21 ppm). Soil sample GB1-S7 (12-14' bgs) showed Groundwater RCL exceedances for Ethylbenzene (14 ppm), Toluene (3.6 ppm), 1,2,4-Trimethylbenzene (58 ppm), 1,3,5-Trimethylbenzene (16 ppm), and Xylene (65 ppm).

From the 2013 Drilling Project, two soil samples showed NR720 exceedances. Soil sample MW-1-2 (6-8' bgs) showed a Groundwater RCL exceedance for 1,2,4-Trimethylbenzene (1.71 ppm). Soil sample MW-1-3 (10-12' bgs) showed Groundwater RCL exceedances for Ethylbenzene (3.5 ppm), Naphthalene (5.5 ppm), 1,2,4-Trimethylbenzene (19.4 ppm), 1,3,5-Trimethylbenzene (5.5 ppm), and Xylene (19.7 ppm).

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

Residual soil contamination exceeding the NR720 Groundwater RCL's and groundwater contamination exceeding the NR140 Preventative Action Limit can be addressed through a Cap Maintenance Plan and natural attenuation.

H. 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).

Due to the fact that the extent of residual soil and groundwater contamination is confined to a relatively small area in the vicinity of the former UST, it appears that natural attenuation has and will continue to effectively reduce the contaminant mass

I. Identify how all exposure pathways were removed and/or adequately addressed by immediate and/or remedial action(s) described above in paragraphs, B, C, D, E and F.

Any remaining exposure pathways witll be addressed via a Cap Maintenance Plan and natural attenuation.

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

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

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K. 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.
From the January 2015 sampling round, MW-1 shows an NR140 PAL exceedance for Benzene (0.97 ppb).

L. 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 vapor samples were collected as part of the site investigation.

M. 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 waters or sediments were collected as part of the site investigation.

5. Continuing Obligations: Situations where a maintenance plan(s) and inclusion on DNR's GIS Registry are required.

Directions: Check all that apply to this case closure request:

	This scenario Applies to this Case Closure		Case Closure Scenario: Maintenance Plans and GIS Registry	Maintenance Plan (s) Required in Attachment D	GIS Registry Listing
	A. On-Site	B. Off-Site			
i.	☐	☐	Engineering Control/Barrier for Direct Contact	✓	✓
ii.	☒	☐	Engineering Control/Barrier for Groundwater Infiltration	✓	✓
iii.	☐	☐	Vapor Mitigation - post closure passive system	✓	✓
iv.	☐	☐	Vapor Mitigation - post closure active system	✓	✓
v.	☐	☒	None of the above scenarios apply to this case closure	NA	NA

6. Continuing Obligations: Situations where inclusion on DNR's GIS Registry is required.

Directions: Check all that apply to this case closure request:

	This scenario Applies to this Case Closure		Case Closure Scenario: GIS Registry Only	GIS Registry Listing
	A. On-Site	B. Off-Site		
i.	☒	☐	Residual soil contamination exceeds ch. NR 720 generic or site-specific RCLs	✓
ii.	☐	☐	Sites with groundwater contamination equal to or greater than the ch. NR 140, enforcement standards (ES)	✓
iii.	☐	☐	Monitoring wells: lost, transferred or remaining in use	✓
iv.	☐	☐	Structural Impediment (not as a performance standard)	✓
v.	☐	☐	Residual soil contamination remaining at ch. NR 720 Industrial Use levels	✓
vi.	☐	☐	Vapor intrusion may be future, post-closure issue if building use or land use changes	✓
vii.	☐	☒	None of the above scenarios apply to this case closure	NA

7. 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. SPS 310, Wis. Adm. Code, exist on the property? ○ Yes ◉ No

C. If the answer to question 7b is yes, is the leak detection system currently being monitored? ○ Yes ○ No

Data Tables (Attachment A)

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If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form.All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General directions for Data Tables:

- Use bold and italics font on information of importance on tables and figures. Use b**old font** for ch. NR 140, Wis. Adm. Code, groundwater enforcement standard (ES) attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, groundwater preventive action limit (PAL) standard attainments or exceedances.
- 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. Pre-remedial Soil Analytical Table, etc).
- For required documents, each table (e.g., A.1., A.2., etc.,) should be a separate 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, any potable wells and any other wells, extraction wells and any potable wells for which samples have been collected.

A.2. **Pre-remedial Soil Analytical Table(s): T**able(s) showing the soil analytical results and collection dates - prior to conducting the interim and/or remedial action. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).

A.3. **Post-remedial Soil Analytical Table(s):** Table(s) showing the post-remedial action soil analytical results and collection dates. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).

A.4. **Pre and Post Remaining Soil Contamination Soil Analytical Table(s):** Table(s) showing only the pre and post remedial action soil analytical results that exceed a Residual Contaminate Level (RCL) or a Site-Specific Residual Level (SSRCL).

A.5. **Vapor Analytical Table**: 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.6. **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, time period for sample collection, method and results sampling.

A.7. **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.8. **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 and Figures (Attachment B)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions for all Maps and Figures:

- If any map or figure is not relevant to the case closure request, you must fully explain the reason(s) why and attach that explanation (properly labeled with the map/ figure title) in Attachment B.
- 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 11x17 inches, in a portable document format (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.
- Do not use shading or highlights on any of the analytical tables.
- 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.

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B.1. Location Maps

B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all impacted 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 on-site and applicable off-site 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 exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code.

B.1.c. **RR Site 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. **Pre-remedial Soil Contamination:** Figure(s) showing the sample location of all pre-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeded a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code.

B.2.b. **Post-remedial Soil Contamination :** Figure(s) showing the sample location of all post-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.

B.2.c. **Pre/Post Remaining Soil Contamination:** Figure(s) showing the only location of all pre and post remedial residual soil sample location(s) where unsaturated contaminated soil remains after remediation and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminate Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.

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 a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).
- Source location(s) and lateral and vertical extent if groundwater contamination exceeds a ch. NR 140 Enforcement Standard (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.1b)

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, Preventive Action Limit (PAL) and/or an Enforcement Standard (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 previously 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 remaining soil and groundwater contamination, including sub-slab, indoor air, soil vapor, 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)

Documentation of Remedial Action (Attachment C)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the

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relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

- 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 is "not applicable" to the site-specific circumstances, include a brief explanation to support that conclusion.
- If the documentation requested below has already been submitted to the Department, please note the title and date of the report for that particular document requested.

C.1. **Site investigation documentation,** that has not otherwise been previously submitted.

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

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

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 upon receiving conditional closure.

C.6. **Photos.** For sites 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 should be visible and discernible. Photographs must be labeled with the site name, the features shown, location and the date on which the photograph was taken.

C.7. **Other**. Include any other relevant documentation not otherwise noted above. (This section may remain blank)

Maintenance Plan(s) and Photographs (Attachment D)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

When one or more "maintenance plans" are required for a site closure, include in each maintenance plan all required information listed below, and attach the plan(s) in Attachment D. The following "model" maintenance plans can be located at: (1) Maintenance plan for a engineering control or cover: http://dnr.wi.gov/topic/Brownfields/documents/maintenance-plan.pdf; and (2) Maintenance plan for vapor intrusion: http://dnr.wi.gov/topic/Brownfields/documents/appendix5_606.pdf.

D.1. **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) and all property boundaries.

D.2. **Brief descriptions** of the type, depth and location of residual contamination.

D.3. **Description of maintenance action(s)** required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.

D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter.

D.5. **Contact information,** including the name, address and phone number of the individual or facility who will be conducting the maintenance.

D.6 Photographs

D.6.a. 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.

D.6.b. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.

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Monitoring Well Information (Attachment E)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

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) for all wells that will remain in-use, be transferred to another party or that could not be located. A figure of these wells should be included in Attachment B.3.d.

Select One:

- ○ No monitoring wells were required 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 description of efforts made to locate the "lost" wells.
  - ☐ One or more 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).
  - ☐ 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.

Notifications to Owners of Impacted Properties (Attachment F)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

- State law requires that the responsible party provide a 30-day, written advance notice (i.e., a letter) 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 of Form 4400-286, Notification of Residual Contamination and Continuing Obligations, is required under ch. NR 725 for notifying property owners and right-of-way holders about residual contamination affecting their properties, and of continuing obligations which may be imposed. This form can be downloaded at http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf.

Check all that apply to the site-specific circumstances of this case closure:

	A. Impacted Source Property and Owner is not Conducting Cleanup	B. Impacted Right of Way	C. Impacted Off-Site Property Owner	Impacted Property Notification Situations: Ch. NR 726 Appendix A Letter
1.	☐	☐	☐	Residual groundwater contamination exceeds Ch. NR 140 Wis. Administrative Code enforcement standards.
2.	☐	☐	☐	Residual soil contamination that attains or exceeds standards is present after the remedial action is complete, and must be properly managed should it be excavated or removed.
3.	☐	☐	☐	An engineered cover or a soil barrier (e.g. pavement) must be maintained over contaminated soil for direct contact or groundwater infiltration concerns.
4.	☐	☐	☐	Industrial land use soil standards were used for the clean-up standard.
5.	☐	☐	☐	A vapor mitigation system (or other specific vapor protection) must be operated and maintained.
6.	☐	☐	☐	Vapor assessment needed if use changes.
7.	☐	☐	☐	Structural impediment.
8.	☐	☐	☐	Lost, transferred or open monitoring wells.
9.	☒	☒	☒	Not Applicable.

If any of the previous boxes in rows 1 thru 8 were checked, include the following as part of Attachment F:

- FORM 4400-246;
- Copy of each letter sent, 30 days or more prior to requesting closure; and
- Proof of receipt for each letter.
- For this site closure, 0 (number) property (ies) has/have been impacted, the owners have been notified, and copies of the letters and receipts are included in Attachment F.

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Source Legal Documents (Attachment G)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form.All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Include all of the following documents, in this order, in Attachment G:

G.1. **Deeds - Source Property and Other Impacted Properties:** The most recent deed with legal descriptions clearly labeled for (1) the **Source Property** (where the contamination originated) and (2) all **off-source** (off-site) properties where letters were required to be sent per the ch. NR 700, Wis. Adm. Code, rule series (e.g., off-site cover maintenance required, lost monitoring well, off-site cover property impacts to groundwater exceeding the ch. NR 140, Wis. Adm. Code.

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.*

G.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.* (Lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

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

G.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.

Signatures and Findings for Closure Determination

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

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

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

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

Engineering Certification

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

Printed Name	Title

Signature	Date	P.E. Stamp and Number

Save...

Hydrogeologist Certification

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

Ron Anderson	Senior Hydrogeologist
Printed Name	Title
Signature	3/10/15 Date

Save...

Attachment A/Data Tables

A.1 Groundwater Analytical Table(s)

A.2 Pre-remedial Soil Analytical Table(s)

A.3 Post-remedial Soil Analytical Table(s) – No remedial actions were conducted as part of this site investigation.

A.4 Pre and Post Remaining Soil Contamination Soil Analytical Table

A.5 Vapor Analytical Table – No vapor samples were assessed as part of the site investigation.

A.6 Other Media of Concern (e.g., sediment or surface water) – No surface waters or sediments were assessed as part of the site investigation.

A.7 Water Level Elevations – Monitoring well MW-1 was not surveyed.

A.8 Other – Natural Attenuation data

A.1 Groundwater Analytical Table
Friedli Property BRRTS# 03-23-548442

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

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/14/14	NM	35.10	<0.7	**30.6**	40	<0.23	7.4	*0.89*	1.61	3.8-5.2	3.66
04/17/14	NM	35.60	NS	**55**	76	<0.23	*36*	0.46	14.8	28.6	169
07/15/14	NM	34.83	NS	**12.2**	4.5	<0.23	7.8	NS	1.34	<3.6	14.98
10/15/14	NM	35.05	NS	*0.60*	0.84	<0.37	<1.2	NS	<0.8	<1.69	<2.41
01/12/15	NM	35.94	NS	*0.97*	8.9	<0.37	<1.2	NS	<0.8	0.96-1.82	<2.41
ENFORCE MENT STANDARD ES = **Bold**			15	5	700	60	100	**5**	800	480	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			1.5	0.5	140	12	10	*0.5*	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).

Private Well NM

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Tetrachloro-ethene (PCE) (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/14/14	NM	NM	NS	<0.24	<0.55	<0.23	<1.7	<0.33	<0.69	<3.6	<1.32
04/17/14	NM	NM	NS	<0.24	<0.55	<0.23	<1.7	<0.33	<0.69	<3.6	<1.32
07/15/14	NM	NM	NS	<0.24	<0.55	<0.23	<1.7	<0.33	<0.69	<3.6	<1.32
10/15/14	NM	NM	NS	NOT SAMPLED							
01/12/15	NM	NM	NS	<0.44	<0.71	<1.1	<1.6	<0.74	<0.44	<3.1	<3.1
ENFORCE MENT STANDARD ES = **Bold**			15	5	700	60	100	**5**	800	480	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*			1.5	0.5	140	12	10	*0.5*	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
Friedli Property BRRTS# 03-23-548442

Well Sampling Conducted on:	01/14/14	01/14/14	04/17/14	04/17/14	07/15/14	01/12/15	ENFORCE MENT STANDARD = ES – Bold	*PREVENTIVE ACTION LIMIT = PAL - Italics*
VOC's Well Name	MW-1	PRIVATE WELL	MW-1	PRIVATE WELL	PRIVATE WELL	PRIVATE WELL		
Lead, dissolved/ppb	< 0.7	NS	NS	NS	NS	NS	15	*1.5*
Benzene/ppb	30.6	< 0.24	55	< 0.24	< 0.24	< 0.44	5	*0.5*
Bromobenzene/ppb	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.48	==	==
Bromodichloromethane/ppb	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.46	0.6	*0.06*
Bromoform/ppb	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.46	4.4	*0.44*
tert-Butylbenzene/ppb	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 1.1	==	==
sec-Butylbenzene/ppb	0.57 "J"	< 0.33	< 0.33	< 0.33	< 0.33	< 1.2	==	==
n-Butylbenzene/ppb	0.95 "J"	< 0.35	2.12	< 0.35	< 0.35	< 1	==	==
Carbon Tetrachloride/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.65	5	*0.5*
Chlorobenzene/ppb	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	==	==
Chloroethane/ppb	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.65	400	*80*
Chloroform/ppb	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	6	*0.6*
Chloromethane/ppb	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	30	*3*
2-Chlorotoluene/ppb	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.4	==	==
4-Chlorotoluene/ppb	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.63	==	==
1,2-Dibromo-3-chloropropane/ppb	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 1.4	0.2	*0.02*
Dibromochloromethane/ppb	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.45	60	*6*
1,4-Dichlorobenzene/ppb	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	75	*15*
1,3-Dichlorobenzene/ppb	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.52	600	*120*
1,2-Dichlorobenzene/ppb	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.46	600	*60*
Dichlorodifluoromethane/ppb	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	1000	*200*
1,2-Dichloroethane/ppb	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	5	*0.5*
1,1-Dichloroethane/ppb	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 1.1	850	*85*
1,1-Dichloroethene/ppb	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	7	*0.7*
cis-1,2-Dichloroethene/ppb	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.45	70	*7*
trans-1,2-Dichloroethene/ppb	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	100	*20*
1,2-Dichloropropane/ppb	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.43	5	*0.5*
2,2-Dichloropropane/ppb	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 3.1	==	==
1,3-Dichloropropane/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.42	==	==
Di-isopropyl ether/ppb	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.44	==	==
EDB (1,2-Dibromoethane)/ppb	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.63	0.05	*0.005*
Ethylbenzene/ppb	40	< 0.55	76	< 0.55	< 0.55	< 0.71	700	*140*
Hexachlorobutadiene/ppb	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 2.2	==	==
Isopropylbenzene/ppb	2.53	< 0.3	5.3	< 0.3	< 0.3	< 0.82	==	==
p-Isopropyltoluene/ppb	0.60 "J"	< 0.31	0.69 "J"	< 0.31	< 0.31	< 1.1	==	==
Methylene chloride/ppb	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	5	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	60	*12*
Naphthalene/ppb	*7.4*	< 1.7	*36*	< 1.7	< 1.7	< 1.6	100	*10*
n-Propylbenzene/ppb	3.6	< 0.25	7.1	< 0.25	< 0.25	< 0.77	==	==
1,1,2,2-Tetrachloroethane/ppb	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.52	0.2	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.48	70	*7*
Tetrachloroethene (PCE)/ppb	*0.89 "J"*	< 0.33	0.46 "J"	< 0.33	< 0.33	< 0.74	5	*0.5*
Toluene/ppb	1.61 "J"	< 0.69	14.8	< 0.69	< 0.69	< 0.44	800	*160*
1,2,4-Trichlorobenzene/ppb	< 0.98	< 0.98	< 0.98	< 0.98	< 0.98	< 1.7	70	*14*
1,2,3-Trichlorobenzene/ppb	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 2.7	==	==
1,1,1-Trichloroethane/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.84	200	*40*
1,1,2-Trichloroethane/ppb	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.48	5	*0.5*
Trichloroethene (TCE)/ppb	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.47	5	*0.5*
Trichlorofluoromethane/ppb	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.87	==	==
1,2,4-Trimethylbenzene/ppb	3.8 "J"	< 2.2	10	< 2.2	< 2.2	< 1.6		
1,3,5-Trimethylbenzene/ppb	< 1.4	< 1.4	18.6	< 1.4	< 1.4	< 1.5	Total TMB's 480	*Total TMB's 96*
Vinyl Chloride/ppb	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	0.2	*0.02*
m&p-Xylene/ppb	1.61 "J"	< 0.69	58	< 0.69	< 0.69	< 2.2		
o-Xylene/ppb	2.05	< 0.63	111	< 0.63	< 0.63	< 0.9	Total Xylenes 2000	*Total Xylenes 400*

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million

A.2. Pre-remedial Soil Analytical Table
Friedli Property BRRTS# 03-23-548442

																PVOC & PAH COMBINED		
Sample ID	Depth (feet)	Saturation (U/S)	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	Individual Exeedance Count	Hazard Index	Cumulative Cancer Risk
GB1-S1	1.0	U	01/09/06	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB1-S2	3.0	U	01/09/06	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB1-S3	5.0	U	01/09/06	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB1-S4	7.0	U	01/09/06	11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB1-S5	9.0	U	01/09/06	43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB1-S6	10-12	U	01/09/06	762	8.3	NS	280	**0.170**	**3.5**	<0.140	NS	0.550	**16**	**4.5**	**21**	NS			
GB1-S7	12-14	U	01/09/06	221	1.8	NS	700	<0.260	**14**	<0.260	NS	**3.6**	**58**	**16**	**65**	NS			
GB2-S1	1.0	U	01/09/06	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB2-S2	3.0	U	01/09/06	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB2-S3	5.0	U	01/09/06	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB2-S4	7.0	U	01/09/06	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB2-S5	8-10	U	01/09/06	4	7.9	NS	<5.8	<0.029	<0.029	<0.029	NS	<0.029	<0.029	<0.029	<0.087	NS			
GB2-S6	11.0	U	01/09/06	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB2-S7	12-13	U	01/09/06	2	<1.3	NS	<5.3	<0.026	<0.026	<0.026	NS	<0.026	<0.026	<0.026	<0.079	NS			
GB3-S1	1.0	U	01/09/06	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB3-S2	3.0	U	01/09/06	4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB3-S3	5.0	U	01/09/06	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB3-S4	6-8	U	01/09/06	3	3.2	NS	<5.6	<0.028	<0.028	<0.028	NS	<0.028	0.051	<0.028	<0.085	NS			
GB3-S5	9.0	U	01/09/06	4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB3-S6	10-11.5	U	01/09/06	15	2.7	NS	<5.3	<0.027	<0.027	<0.027	NS	<0.027	<0.027	<0.027	<0.080	NS			
GB4-S1	1.0	U	01/09/06	3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB4-S2	3.0	U	01/09/06	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB4-S3	5.0	U	01/09/06	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB4-S4	7.0	U	01/09/06	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
GB4-S5	8-10	U	01/09/06	3	5.3	NS	<5.8	<0.029	<0.029	<0.029	NS	<0.029	<0.029	<0.029	<0.087	NS			
GB4-S6	10-12	U	01/09/06	3	1.3	NS	<5.5	<0.028	<0.028	<0.028	NS	<0.028	<0.028	<0.028	<0.083	NS			
MW-1-1	2-4	U	12/17/13	NM	NS	NS	NS	NOT REC0VERY – NO PETROLEUM ODORS IN DRILL CUTTINGS								NS			
MW-1-2	6-8	U	12/17/13	NM	NS	NS	NS	<0.250	0.420	<0.250	0.420	<0.250	**1.71**	**0.730**	2.53	NS			
MW-1-3	10-12	U	12/17/13	NM	3.43	NS	192	<0.092	**3.5**	<0.300	**5.5**	0.650	**19.4**	**5.5**	**19.7**	SEE VOC SHEET			
B-2-1	2-4	U	12/17/13	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-2-2	6-8	U	12/17/13	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-2-3	11-11.5	U	12/17/13	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-3-1	2-4	U	12/17/13	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-3-2	6-8	U	12/17/13	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-3-3	11-13	U	12/17/13	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
Groundwater RCL					**27**	-	-	**0.00512**	**1.57**	**0.027**	**0.659**	**1.11**	**1.38**		**3.94**	-			
Non-Industrial Direct Contact RCL					**400**	-	-	**1.49**	**7.47**	**59.4**	**5.15**	**818**	**89.8**	**182**	**258**	-	0	1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**258***	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
NS = Not Sampled NM = Not Measured
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum 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. Pre-remedial Soil Analytical Table
Friedli Property BRRTS# 03-23-548442

Sampling Conducted on December 17, 2013

VOC's		Bold = Groundwater RCL	Underline & Bold = Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	MW-1-3			
Sample Depth/ft.	10-12			
Solids Percent	93.8			
Lead/ppm	3.43 "J"	27	400	
Gasoline Range Organics/ppm	192			
Benzene/ppm	< 0.092	0.00512	1.49	1820
Bromobenzene/ppm	<0.130	= =	354	= =
Bromodichloromethane/ppm	< 0.270	0.000326	0.39	= =
Bromoform/ppm	< 0.300	0.00233	61.6	= =
tert-Butylbenzene/ppm	< 0.200	= =	183	183
sec-Butylbenzene/ppm	0.550 "J"	= =	145	145
n-Butylbenzene/ppm	4	= =	108	108
Carbon Tetrachloride/ppm	< 0.250	0.00388	0.85	= =
Chlorobenzene/ppm	< 0.160	= =	392	= =
Chloroethane/ppm	< 0.420	0.227	= =	= =
Chloroform/ppm	< 0.490	0.0033	0.42	= =
Chloromethane/ppm	< 1.810	0.0155	171	= =
2-Chlorotoluene/ppm	< 0.160	= =	= =	= =
4-Chlorotoluene/ppm	< 0.140	= =	= =	= =
1,2-Dibromo-3-chloropropane/ppm	< 0.480	0.000173	0.01	= =
Dibromochloromethane/ppm	< 0.140	0.032	0.93	= =
1,4-Dichlorobenzene/ppm	< 0.330	0.144	3.48	= =
1,3-Dichlorobenzene/ppm	< 0.300	1.15	297	297
1,2-Dichlorobenzene/ppm	< 0.380	1.17	376	376
Dichlorodifluoromethane/ppm	< 0.570	3.08	135	= =
1,2-Dichloroethane/ppm	< 0.360	0.00284	0.61	540
1,1-Dichloroethane/ppm	< 0.190	0.484	4.72	= =
1,1-Dichloroethene/ppm	< 0.210	0.00502	342	= =
cis-1,2-Dichloroethene/ppm	< 0.240	0.0412	156	= =
trans-1,2-Dichloroethene/ppm	< 0.290	0.0588	211	= =
1,2-Dichloropropane/ppm	< 0.095	0.00332	1.33	= =
2,2-Dichloropropane/ppm	< 0.460	= =	527	527
1,3-Dichloropropane/ppm	< 0.210	= =	1490	1490
Di-isopropyl ether/ppm	< 0.110	= =	2260	2260
EDB (1,2-Dibromoethane)/ppm	< 0.200	0.0000282	0.05	= =
Ethylbenzene/ppm	3.5	1.57	7.47	480
Hexachlorobutadiene/ppm	< 0.950	= =	6.23	= =
Isopropylbenzene/ppm	0.550 "J"	= =	= =	= =
p-Isopropyltoluene/ppm	< 0.310	= =	162	162
Methylene chloride/ppm	< 0.570	0.00256	60.7	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.300	0.027	59.4	8870
Naphthalene/ppm	5.5	0.659	5.15	= =
n-Propylbenzene/ppm	2.59	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.120	0.000156	0.75	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.230	0.0533	2.59	= =
Tetrachloroethene (PCE)/ppm	< 0.490	0.00454	30.7	= =
Toluene/ppm	0.650 "J"	1.11	818	818
1,2,4-Trichlorobenzene/ppm	< 0.790	0.408	22.1	= =
1,2,3-Trichlorobenzene/ppm	< 1.290	= =	48.9	= =
1,1,1-Trichloroethane/ppm	< 0.380	0.14	= =	= =
1,1,2-Trichloroethane/ppm	< 0.230	0.00324	1.48	= =
Trichloroethene (TCE)/ppm	< 0.280	0.00358	0.64	= =
Trichlorofluoromethane/ppm	< 0.860	= =	1120	= =
1,2,4-Trimethylbenzene/ppm	19.4	1.38	89.8	219
1,3,5-Trimethylbenzene/ppm	5.5		182	182
Vinyl Chloride/ppm	< 0.210	0.000138	0.07	= =
m&p-Xylene/ppm	14.2	3.94	258	258
o-Xylene/ppm	5.5			

NS = not sampled, NM = Not Measured
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
= = No Exceedences

A.4. Pre and Post Remaining Soil Contamination Soil Analytical Table
Friedli Property BRRTS # 03-23-548442

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	PVOC & PAH COMBINED: Individual Exeedance Count	PVOC & PAH COMBINED: Hazard Index	PVOC & PAH COMBINED: Cumulative Cancer Risk
GB1-S6	10-12	U	01/09/06	762	8.3	NS	280	**0.170**	**3.5**	<0.140	NS	0.550	**16**	**4.5**	**21**	NS			
GB1-S7	12-14	U	01/09/06	221	1.8	NS	700	<0.260	**14**	<0.260	NS	**3.6**	**58**	**16**	**65**	NS			
MW-1-2	6-8	U	12/17/13	NM	NS	NS	NS	<0.250	0.420	<0.250	0.420	<0.250	**1.71**	**0.730**	2.53	NS			
MW-1-3	10-12	U	12/17/13	NM	3.43	NS	192	<0.092	**3.5**	<0.300	**5.5**	0.650	**19.4**	**5.5**	**19.7**	SEE VOC SHEET			
Groundwater RCL					**27**	-	-	**0.00512**	**1.57**	**0.027**	**0.659**	**1.11**	**1.38**		**3.94**	-			
Non-Industrial Direct Contact RCL					**400**	-	-	**1.49**	**7.47**	**59.4**	**5.15**	**818**	**89.8**	**182**	**258**	-	0	1.00E+00	1.00E-05
Industrial Direct Contact RCL					**800**	-		**7.41**	**37**	**293**	**26**	**818**	**219**	**182**	**258**	-	0	1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**258***	-			

Bold = Groundwater RCL Exceedance
Bold & Underline =Industrial Direct Contact RCL Exceedance
Asteric * = C-sat Exceedance
NS = Not Sampled
NM = Not Measured
U = unsaturated (based on all time low water table per WDNR)
(ppm) = parts per million
S = saturated (based on all time low water table per WDNR)
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds

A.8 Other
Groundwater NA Indicator Results
Friedli Property BRRTS# 03-23-548442

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/14/14	1.60	6.24	85	10.3	656	NS	NS	NS	NS
04/17/14	0.31	6.65	68	12.0	736	NS	NS	NS	NS
07/15/14	0.07	5.77	-4	11.9	711	NS	NS	NS	NS
10/15/14	1.46	6.98	69	10.5	453	NS	NS	NS	NS
01/12/15	1.71	7	72	7.0	406.6	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).

Private Well

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/14/14	NOT SAMPLED					NS	NS	NS	NS
04/17/14	NOT SAMPLED					NS	NS	NS	NS
07/15/14	NOT SAMPLED					NS	NS	NS	NS
10/15/14	NOT SAMPLED					NS	NS	NS	NS
01/12/15	2.11	7	240	7.3	343.7	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).

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 Pre-remedial Soil Contamination

B.2.b Post-remedial Soil Contamination – No remedial actions occurred as part of this site investigation.

B.2.c Pre/Post Remaining 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 – There was only one monitoring well, so a flow direction could not be determined.

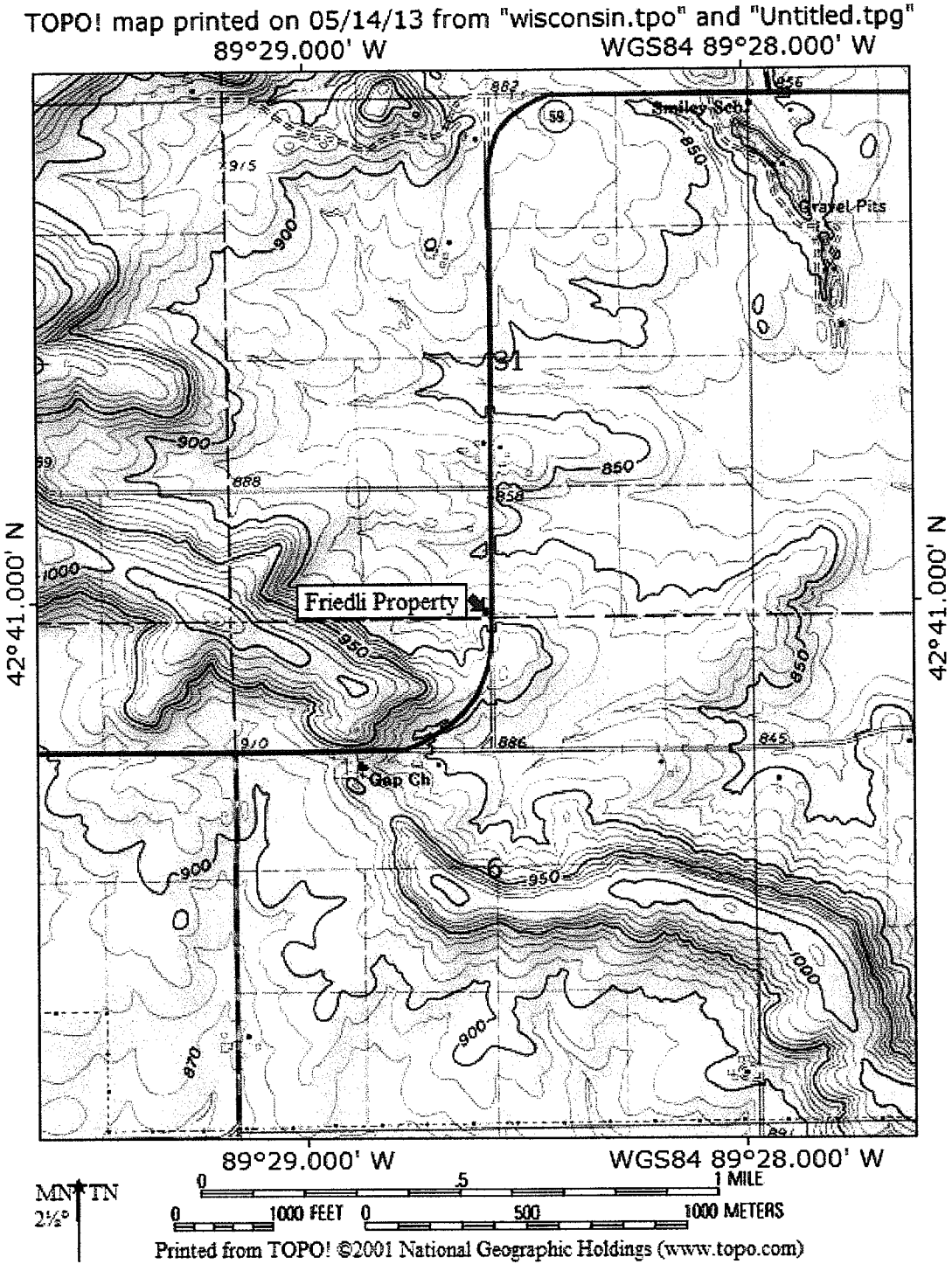
B.3.d Monitoring Well

B.4 Vapor Maps and Other Media

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

B.4.b Other media of concern (e.g., sediment or surface water) – No surface waters or sediments were sampled as part of this site investigation.

B.4.c Other – No other relevant maps and/or figures are being included.



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

B.I.b DETAILED SITE MAP

FRIEDLI PROPERTY

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
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ALBANY,
WISCONSIN

DRAWN BY: ED
DATE: 07/17/2012

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

SCALE:
1 INCH = 35 FEET
0 17.5 35

⊛ - POTABLE WELL LOCATION

▲ - P2ESA SOIL BORING LOCATION

⊕ - SOIL BORING LOCATION

◓ - MONITORING WELL LOCATION

○ - POWER POLE

PROPERTY BOUNDARY

TELEPHONE LINES

STATE HIGHWAY 59

AREA OF SEPTIC SYSTEM

B-3

AREA OF REMOVED UST

GB3

GB2

GBI

MW-1

B-2

AREA OF TWO ASTs

GARAGE

GB4

FRIEDLI PROPERTY
N4905 STATE HIGHWAY 59

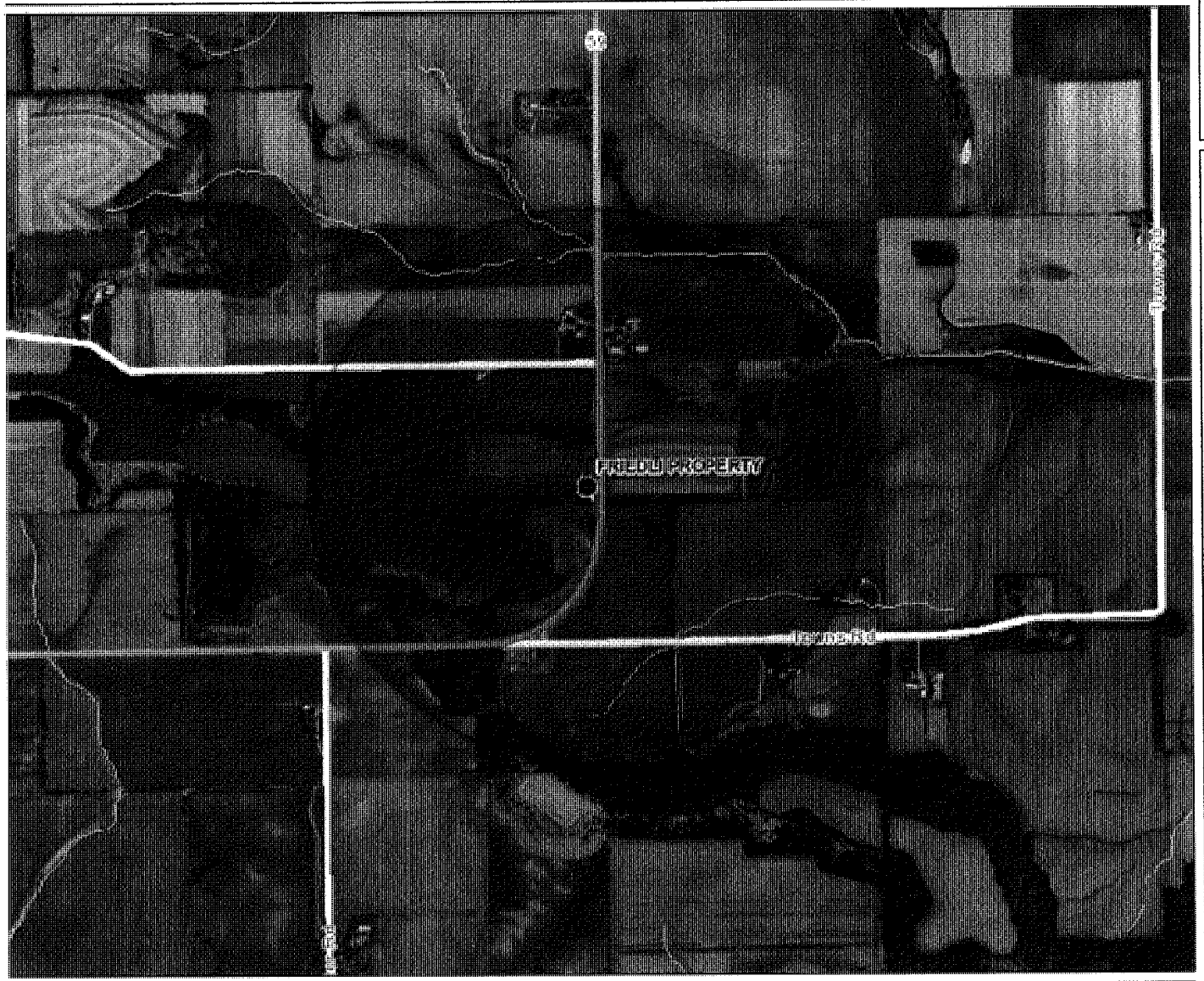
STORAGE AREA

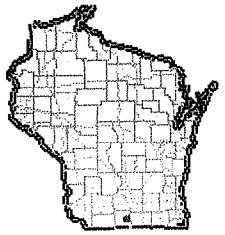
DECK

LIVING AREA

STATE HIGHWAY 59

B.1.c RR Site Map





Legend

- Open Site (ongoing cleanup)
- Closed Site (completed cleanup)
- Rivers and Streams
- Open Water
- Cities
- Villages

Notes

.5 0 0.27 0.5 Miles

IAD_1983_HARN_Wisconsin_TM

) Latitude Geographics Group Ltd.

1: 17,393

Note: Not all sites are mapped.

B.2.a PREREMEDIAL SOIL CONTAMINATION

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WISCONSIN

DRAWN BY: ED DATE: 07/17/2012
REVISED BY: JZ DATE: 02/09/2015

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

SCALE:
1 INCH = 35 FEET
0 17.5 35

⊛ - POTABLE WELL LOCATION

▲ - P2ESA SOIL BORING LOCATION

⊕ - SOIL BORING LOCATION

◒ - MONITORING WELL LOCATION

○ - POWER POLE

PROPERTY BOUNDARY

TELEPHONE LINES

STATE HIGHWAY 59

AREA OF UNSATURATED SOIL CONTAMINATION EXCEEDING NR720 GROUNDWATER RCLS

AREA OF SEPTIC SYSTEM

B-3

AREA OF REMOVED UST

GB2

GB1

MW-1

GB3

B-2

AREA OF TWO ASTs

GARAGE

GB4

FRIEDLI PROPERTY
N4905 STATE HIGHWAY 59

STORAGE AREA

DECK

LIVING AREA

STATE HIGHWAY 59

B.2.c PRE/POST REMAINING SOIL CONTAMINATION

FRIEDLI PROPERTY

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WISCONSIN

DRAWN BY: ED DATE: 07/17/202
REVISED BY: JZ DATE: 02/09/205

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

SCALE:
1 INCH = 35 FEET
0 17.5 35

⊛ - POTABLE WELL LOCATION

▲ - P2ESA SOIL BORING LOCATION

◓ - MONITORING WELL LOCATION

○ - POWER POLE

PROPERTY BOUNDARY

TELEPHONE LINES

STATE HIGHWAY 59

AREA OF UNSATURATED SOIL CONTAMINATION EXCEEDING NR720 GROUNDWATER RCLS

AREA OF SEPTIC SYSTEM

AREA OF REMOVED UST

GBI

MW-I

AREA OF TWO ASTs

GARAGE

FRIEDLI PROPERTY
N4905 STATE HIGHWAY 59

STORAGE AREA

DECK

LIVING AREA

STATE HIGHWAY 59

B.3.a GEOLOGIC CROSS SECTION MAP

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DRAWN BY: ED DATE: 07/17/2012
REVISED BY: JZ DATE: 02/10/2015

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

SCALE:
1 INCH = 35 FEET
0 17.5 35

⊛ - POTABLE WELL LOCATION

▲ - P2ESA SOIL BORING LOCATION

⊕ - SOIL BORING LOCATION

◒ - MONITORING WELL LOCATION

○ - POWER POLE

PROPERTY BOUNDARY

TELEPHONE LINES

STATE HIGHWAY 59

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 PAL VALUES

AREA OF SEPTIC SYSTEM

B-3

AREA OF REMOVED UST

AREA OF UNSATURATED SOIL (BASED ON ALL-TIME LOW WATER TABLE) CONTAMINATION EXCEEDING NR720 GROUNDWATER RCLS

A

A'

GB2

GB1

MW1

GB3

B-2

GARAGE

GB4

AREA OF TWO ASTs

FRIEDLI PROPERTY
N4905 STATE HIGHWAY 59

STORAGE AREA

DECK

LIVING AREA

STATE HIGHWAY 59

B.3.a GEOLOGIC CROSS SECTION MAP - CLOSE

FRIEDLI PROPERTY

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ALBANY, WISCONSIN

DRAWN BY: ED DATE: 07/17/2012 REVISED BY: JZ DATE: 02/10/2015

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

SCALE:
1 INCH = 10 FEET
0 10

⊛ = POTABLE WELL LOCATION

▲ - P2ESA SOIL BORING LOCATION

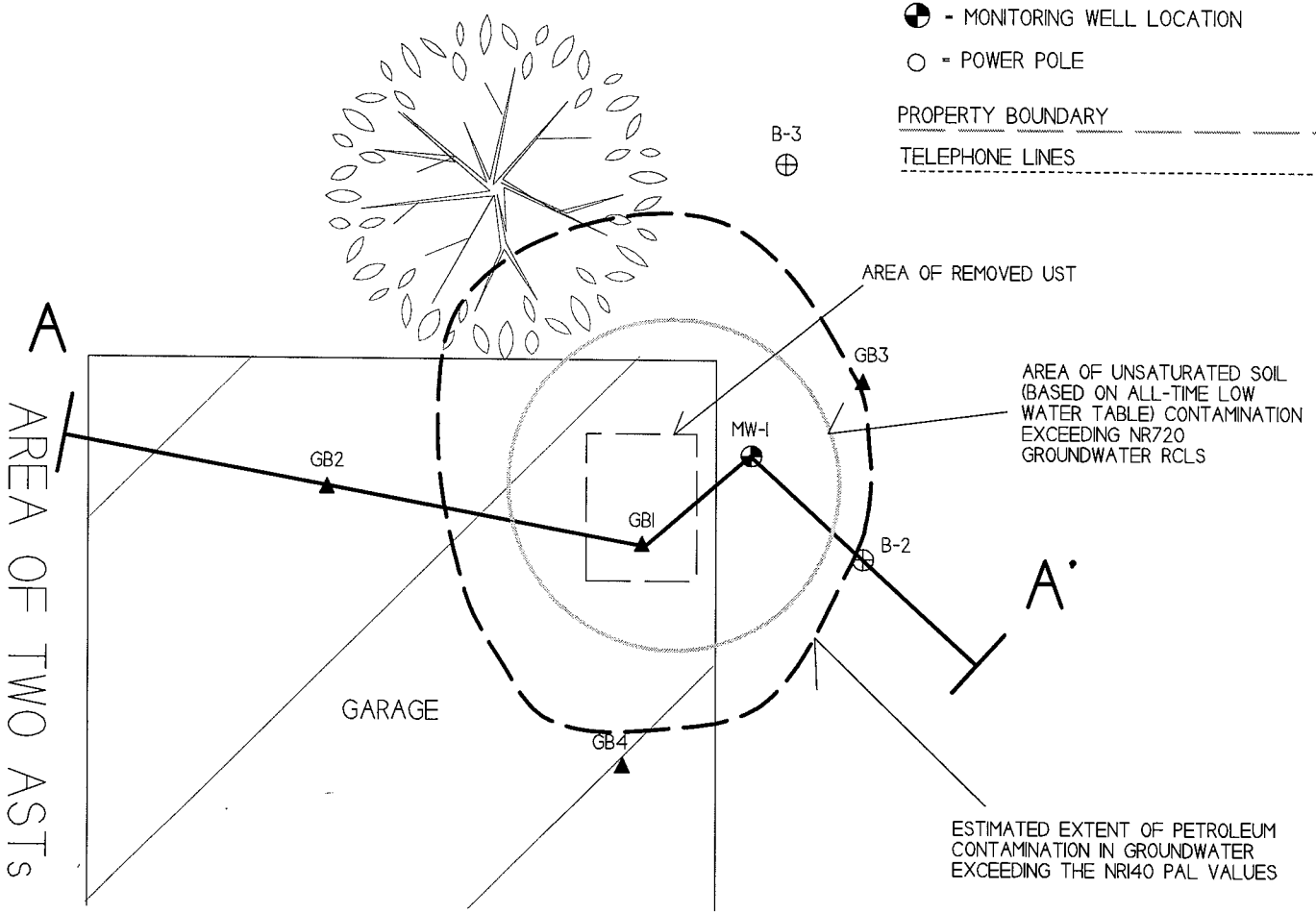
⊕ - SOIL BORING LOCATION

◒ - MONITORING WELL LOCATION

○ = POWER POLE

PROPERTY BOUNDARY

TELEPHONE LINES



B.3.a. GEOLOGIC CROSS SECTION

FREIDLI PROPERTY

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LA CROSSE. WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

ALBANY. WISCONSIN

DRAWN BY: JZ
DATE: 02/04/2015

HORIZONTAL SCALE:
1 INCH = 10 FEET
0 10

VERTICAL SCALE:
1 INCH = 10 FEET
0 10

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

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

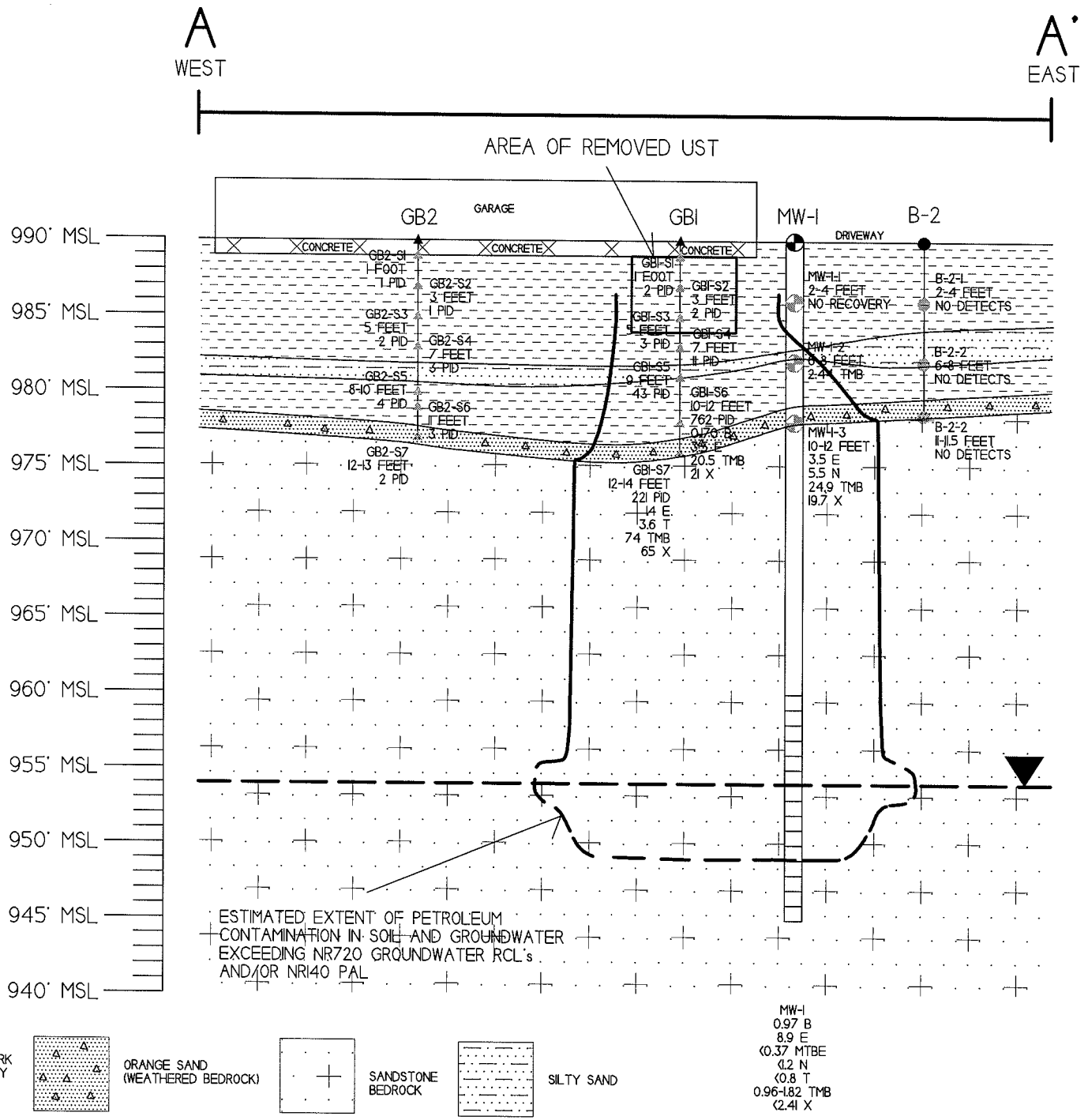
GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB).

NOTE: ONLY SOIL EXCEEDANCES HAVE BEEN DOCUMENTED ON THE MAP. SEE DATA TABLES AND/ORLABORATORY REPORTS FOR ALL RESULTS

NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE:
PHASE 2 ESA - (01/09/2006)
DRILLING PROJECT - (12/17-18/2013)
ROUND 5 GROUNDWATER SAMPLING - (01/12/2015)

PID - PHOTO IONIZATION DETECTOR
PVOC - PETROLEUM VOLATILE ORGANIC COMPOUNDS
B - BENZENE
E - ETHYLBENZENE
N - NAPHTHALENE
T - TOLUENE
TMB - TRIMETHYLBENZENE
X - XYLENE

▲ - 2006 GEOPROBE BORING LOCATION
▲ - 2006 GEOPROBE SAMPLING LOCATION
● - 2013 SOIL BORING LOCATION
● - 2013 SOIL SAMPLING LOCATION
◓ - MONITORING WELL LOCATION
◓ - MONITORING WELL SOIL SAMPLING LOCATION



B.3.b GROUNDWATER ISOCONCENTRATION
JANUARY 12, 2015

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WISCONSIN

DRAWN BY: ED DATE: 07/17/2012
REVISED BY: JZ DATE: 02/09/2015

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

SCALE:
1 INCH = 35 FEET
0 17.5 35

⊛ - POTABLE WELL LOCATION

▲ - P2ESA SOIL BORING LOCATION

⊕ - SOIL BORING LOCATION

◒ - MONITORING WELL LOCATION

○ - POWER POLE

PROPERTY BOUNDARY

TELEPHONE LINES

STATE HIGHWAY 59

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 PAL VALUES

AREA OF SEPTIC SYSTEM

B-3

AREA OF REMOVED UST

GB3

GB2

GB1

MW1

B-2

GARAGE

GB4

AREA OF TWO ASTs

FRIEDLI PROPERTY
N4905 STATE HIGHWAY 59

STORAGE AREA

DECK

LIVING AREA

STATE HIGHWAY 59

B.3.d MONITORING WELL

FRIEDLI PROPERTY

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ALBANY,
WISCONSIN

DRAWN BY: ED
DATE: 07/17/2012

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

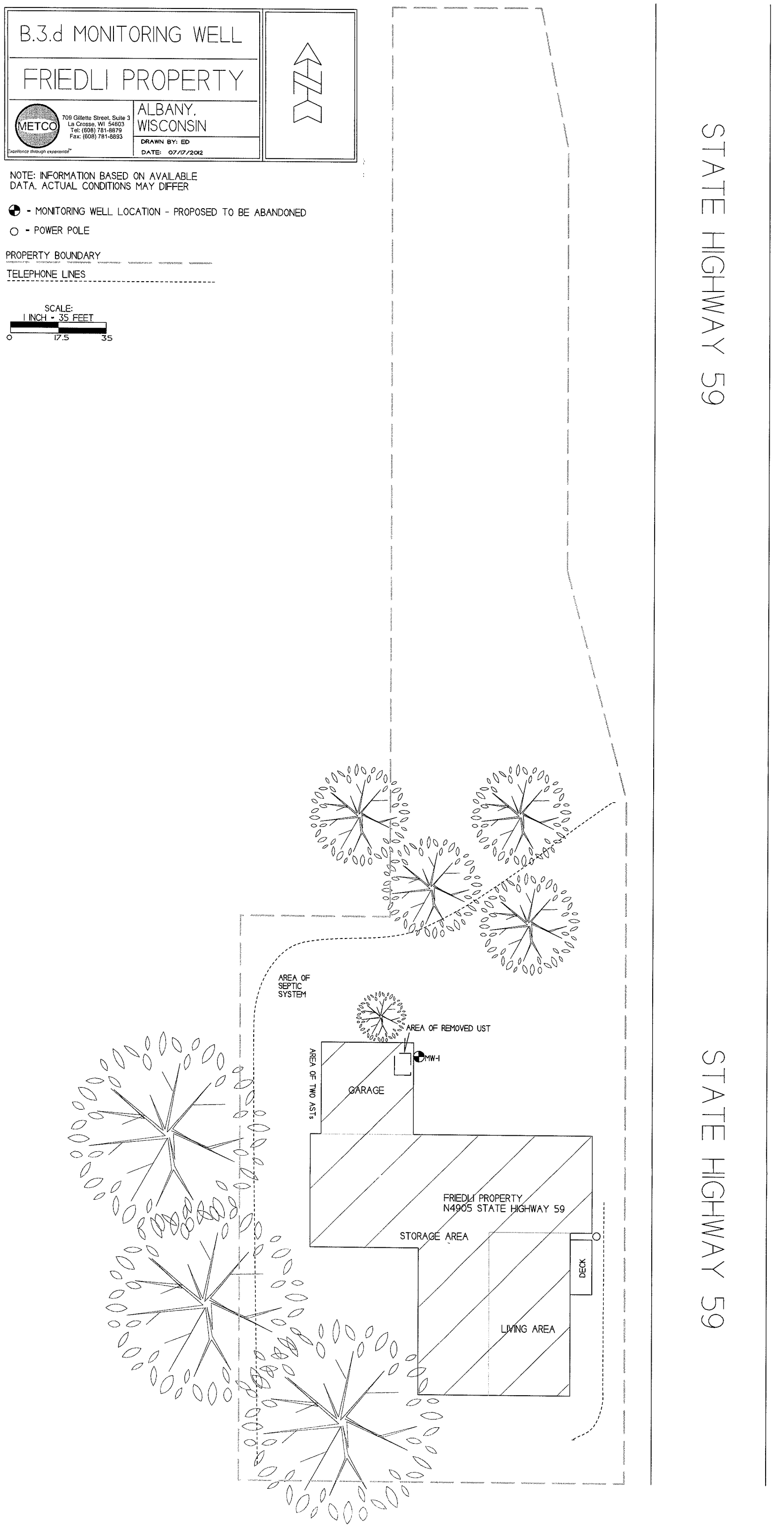
◓ - MONITORING WELL LOCATION - PROPOSED TO BE ABANDONED

○ - POWER POLE

PROPERTY BOUNDARY

TELEPHONE LINES

SCALE:
1 INCH = 35 FEET
0 17.5 35



Documentation of Remedial Action (Attachment C)

DISCLAIMER

Documents contained in Attachment C of the Case Closure – GIS Registry (Form 4400-202) are not included in the electronic version (GIS Registry Packet) available on RR Sites Map to limit file size.

For information on how to obtain a copy or to review the file, please contact the Remediation & Redevelopment (RR) Environmental Program Associate (EPA) at dnr.wi.gov/topic/Brownfields/Contact.html

Attachment C/Documentation of Remedial Action

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

- Phase 2 Environmental Site Assessment, February 21, 2006
- Site Investigation Report (being sent concurrently with the Closure Request

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 NR720.10 and NR720.12. Soil RCLs for the protection of the groundwater pathway and for non-industrial direct contact were taken from the RR programs RCL speadsheet.

C.4 Construction documentation – No Remedial actions and/or interim actions specified in s.NR724.01(1) occurred at this site.

C.5 Decommissioning of Remedial Systems – No remedial systems were installed as part of this site investigation.

C.6 Photos

C.7 Other – No remedial systems were installed as part of this site investigation.

C.2 Investigative Waste

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

INVOICE

6-3 20 14

CUSTOMER: Jeff Hartwig % METCO
709 Gillette St
La Crosse WI 54603

JOB NAME: Friedli Property
Albany WI

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

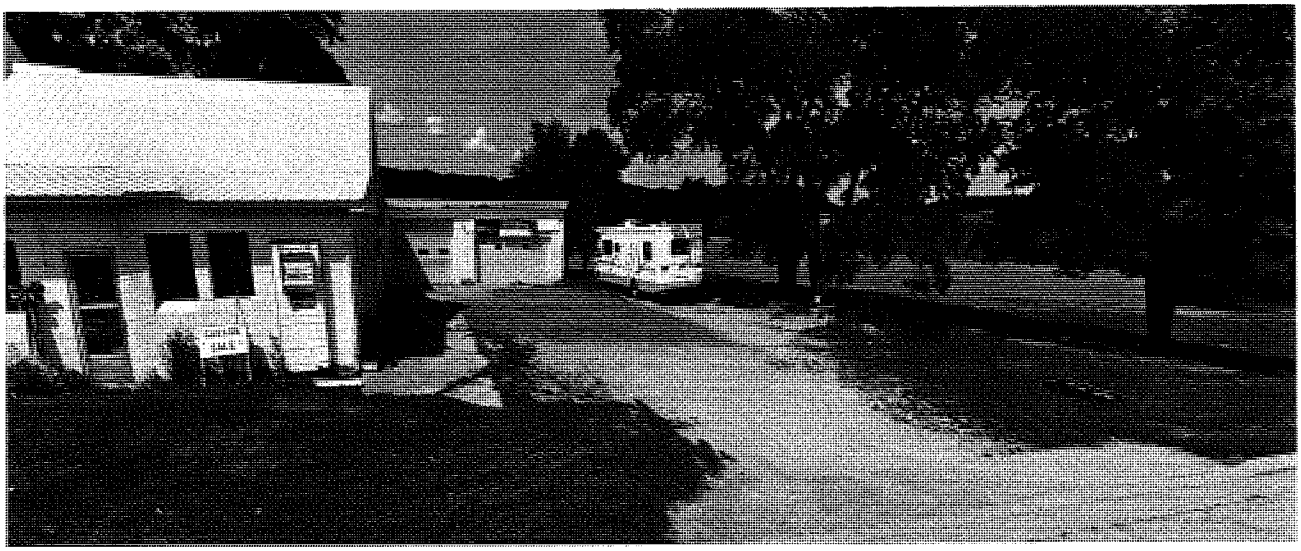
QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
	1	Mobilization	1	274 –	274 –
	3	haul soil drums to Advanced Disposal	3	103 –	309 –
	1	haul water drum to Advanced Disposal	1	40 10	40 10
		Thank You			
				TOTAL	623 10

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

SIGNATURE _____

C.6 Photos

1) Area of Former UST (garage)



2) View of the northern extent of the property

D.I LOCATION MAP

FRIEDLI PROPERTY

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Tel: (608) 781-8879
Fax: (608) 781-8893
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ALBANY,
WISCONSIN

DRAWN BY: ED
DATE: 07/17/2012

REVISED BY: JZ
DATE: 02/09/2015

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

SCALE:
1 INCH = 35 FEET
0 17.5 35

⊛ - POTABLE WELL LOCATION

▲ - P2ESA SOIL BORING LOCATION

⊕ - SOIL BORING LOCATION

◒ - MONITORING WELL LOCATION

○ - POWER POLE

PROPERTY BOUNDARY

TELEPHONE LINES

STATE HIGHWAY 59

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 PAL VALUES

AREA OF SEPTIC SYSTEM

AREA OF CAP TO BE MAINTAINED

B-3

AREA OF REMOVED UST

GB3

GB5

GB1

MW-1

B-2

AREA OF TWO ASTs

GARAGE

GB4

AREA OF UNSATURATED SOIL CONTAMINATION EXCEEDING NR720 GROUNDWATER RCLS

FRIEDLI PROPERTY
N4905 STATE HIGHWAY 59

STORAGE AREA

DECK

LIVING AREA

STATE HIGHWAY 59

D.2. Brief Descriptions

CAP MAINTENANCE PLAN

March 10, 2015

Friedli Property

Property Located at:

N4905 State Highway 59

FID # NONE WDNR BRRTS # 03-23-548442

Legal Description:

A parcel of land located in the SE ¼ of the SW ¼ of Section 31, T3N, R9E, Township of Albany, Green County, Wisconsin, more fully described as follows:

Commencing at the South ¼ Corner of said Section 31, thence S89°49'36"W, along the South line of said SW ¼, 34.59 feet; thence continuing along said South line, S89°49'36"W, 142.41 feet; thence North, 215.00 feet; thence N89°49'36"E, 57.00 feet; thence North 335.00 feet; thence N89°49'36"E, 56.27 feet to the West right-of-way of S.T.H. 59, thence S9°57'08"E, along said West right-of-way, 53.93 feet; thence continuing along said West right-of-way, S0°15'06"W 150.00 feet; thence continuing along said West right-of-way, S0°15'06"W, 246.70 feet to the point of beginning.

Parcel contains 1.241 acres, more or less.

Parcel ID # 23-4-623.0000

Introduction

This document is the Maintenance Plan for a concrete cap at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing concrete cover occupying the area over the contaminated soil on-site.

More site-specific information about this property may be found in:

- The case file in the DNR South Central regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites): http://botw.dnr.state.wi.us/botw/SetUpBasicSearchForm.do

- GIS Registry PDF file for further information on the nature and extent of contamination: http://dnrmaps.wisconsin.gov/imf/imfApplyTheme.jsp?index=1; and
- The DNR project manager for Green County

Description of Contamination

Unsaturated soil contaminated by Benzene, Ethylbenzene, Naphthalene, Toluene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylene exists in the area of the former UST. The extent of the soil contamination is shown on the attached map (Attachment D.1.).

Description of the Cover to be Maintained

The cap consists of 4-6 inches of concrete, which covers the area of the former UST, as shown on the attached map (Attachment D.1.).

Cover Purpose

The concrete cap over the contaminated soil serves as a barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in ch. NR140, Wisconsin Administrative Code. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The concrete cover overlying the contaminated soil, as depicted in Attachment D.1., will be inspected once a year, normally in the spring after all snow and ice is gone, for erosion and other potential problems that can cause exposure to the underlying contaminated soils. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed and where infiltration from the surface will not be effectively minimized will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Attachment D.4., Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources ("WDNR") representatives upon their request.

D.3. Description of Maintenance Actions

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the soil contamination hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the concrete cap overlying the contaminated soil is removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the concrete cap, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Cover or Cap
The following activities are prohibited on any portion of the property where the concrete cap is required as shown on the attached map, unless prior written approval has been obtained from the WDNR: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Amendment or Withdrawal of Maintenance Plan
This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

D.4 Inspection Log

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Continuing Obligations Inspection and Maintenance Log

Form 4400-305 (2/14)

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. 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.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT delete previous inspection results. This form was developed to provide a continuous history of site inspection results. The Department of Natural Resources project manager is identified in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at http://dnr.wi.gov/botw/SetUpBasicSearchForm.do, by searching for the site using the BRRTS ID number, and then looking in the "Who" section.

Activity (Site) Name	BRRTS No.
Friedli Property	03-23-548442

Inspections are required to be conducted (see closure approval letter):

- (●) annually
- ( ) semi-annually
- ( ) other – specify ____________

When submittal of this form is required, submit the form electronically to the DNR project manager. An electronic version of this filled out form, or a scanned version may be sent to the following email address (see closure approval letter):

Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N

D.5. Contact Information

Contact Information

Current Site Owner and Operator:
Jeff Hartwig
N2927 Monroe Sylvester Road
Monroe, WI 53566
(608) 345-3428

Signature: _____
(DNR may request signature of affected property owners, on a case-by-case basis)

Consultant:
METCO
Ron Anderson
709 Gillette Street, Suite 3
La Crosse, WI 54603
(608) 781-8879

WDNR:
Will Myers
3911 Fish Hatchery Road
Fitchburg, WI 53711
(608) 273-5613

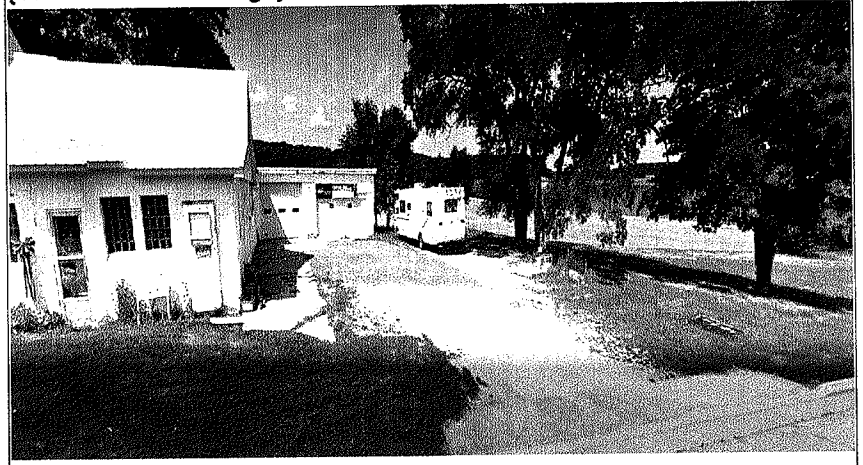
D.6 Photographs

03-23-548442
BRRTS No.

Friedli Property
Activity (Site) Name

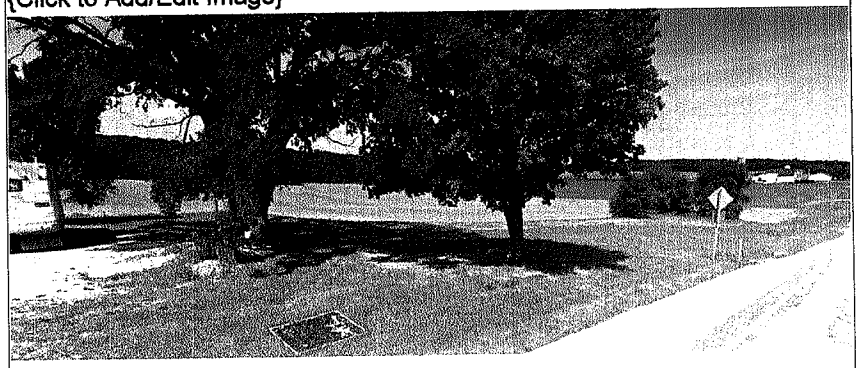
Continuing Obligations Inspection and Maintenance Log
Form 4400-305 (2/14)

{Click to Add/Edit Image} Date added: 02/19/2015



Title: Area of Former UST (garage)

{Click to Add/Edit Image} Date added: 02/19/2015



Title: View of the northern extent of the property

Attachment E/Monitoring Well Information

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

Attachment F/Notification to Owners of Impacted Properties

It does not appear that any contamination exceeding the NR720 Soil RCLs or NR140 Enforcement Standards has migrated onto any adjacent properties or road right of way.

Attachment G/Source Legal Documents

G.1 Deeds – Source Property and Other Impacted Properties

G.2 Certified Survey Map

G.3 Verification of Zoning

G.4 Signed Statement

G.1 Deeds - Source Property

quit claims to:

Jeff Hartwig

the following described property in Green County, Wisconsin

REGISTER OF DEEDS
GREEN COUNTY, WISCONSIN
Fee Amount: $11.00
Fee Exempt 77.25-(4)

RETURN TO:
Jeff Hartwig
N2927 Mon-Syl Rd
Monroe, WI 53566

DESCRIPTION:

Lot One (1) of Certified Survey Map Number 2621, as recorded in Volume 9 of Certified Survey Maps of Green County, on Pages 97 and 98, as Document No. 389732, being part of the Southeast Quarter of the Southwest Quarter of Section 31, Town 3 North, Range 9 East, Town of Albany, Green County, Wisconsin.

Tax Parcel No. 23-4-623.0000

This **is not** homestead property.

Dated this 14th day of July, 2009

Green County, a Wisconsin Municipal Corporation

By: _____
Michael J. Doyle, County Clerk

STATE OF WISCONSIN)
)ss
GREEN COUNTY)

Personally came before me this 14th day of July, 2009, A.D., Michael J. Doyle, County Clerk, Green County, Wisconsin, to me known to be the person who executed the foregoing instrument, and to me known to be such County Clerk of said Corporation, and acknowledge that he executed the foregoing instrument as such officer as the deed of said Corporation, by its authority.

This instrument drafted by:
Michael J. Doyle
County Clerk for
Green County, Wisconsin

_____
Wendy J. Tschudy
Notary Public
Green County, Wisconsin
My commission expires 7-18-2010

Transfer fee exempt under Sec.77.25(2),(4), Wis. Stats.
Transfer return exempt under Sec. 77.255 Wis. Stats.
Tax Deeded Property (David C. Friedli)
from Green County to Jeff Hartwig

CLIENT: JOHN ZURFLUH
N5027 HIGHWAY 59
ALBANY, WI 53502

CERTIFIED SURVEY MAP

2621

DESCRIPTION: A parcel of land located in the SE1/4 of the SW1/4 of Section 31, T3N, R9E, Township of Albany, Green County, Wisconsin, more fully described as follows:

Commencing at the South 1/4 Corner of said Section 31, thence S89°49'36"W, along the South line of said SW1/4, 34.59 feet; thence continuing along said South line, S89°49'36"W, 142.41 feet; thence North, 215.00 feet; thence N89°49'36"E, 57.00 feet; thence North 335.00 feet; thence N89°49'36"E, 56.27 feet to the West right-of-way of S.T.H. 59, thence S9°57'08"E, along said West right-of-way, 53.93 feet; thence continuing along said West right-of-way, S0°15'06"W, 150.00 feet; thence continuing along said West right-of-way, S12°09'21"E, 102.39 feet; thence continuing along said West right-of-way, S0°15'06"W, 246.70 feet to the point of beginning.

Parcel contains 1.241 acres, more or less.

Parcel A

DESCRIPTION: A parcel of land located in the SE1/4 of the SW1/4 of Section 31, T3N, R9E, Towship of Albany, Green County, Wisconsin, more fully described as follows:

Commencing at the South 1/4 Corner of said Section 31, thence S89°49'36"W, along the South line of said SW1/4, 177.00 feet to the point of beginning; thence continuing S89°49'36"W, along said South line, 363.00 feet; thence North, 260.00 feet; thence N89°49'36"E, 420.00 feet; thence South, 45.00 feet; thence S89°49'36"W, 57.00 feet; thence South, 215.00 feet to the point of beginning.

Parcel contains 2.226 acres, more or less.

I, Roger D. Schneeberger, a registered land surveyor of the State of Wisconsin, do hereby certify that on September 29, 1998, at the request of John Zurfluh, the above-described property was surveyed under my direction and that the accompanying map is a correctly-dimensioned representation to scale of the exterior boundaries; and that this Certified Survey Map complies with Section 236.34 of Wisconsin Platting Statutes.

Roger D. Schneeberger
Roger D. Schneeberger, S-1096

WISCONSIN
ROGER D. SCHNEEBERGER
S-1096
Oregon
Wis.
LAND SURVEYOR

Page 2 of 2

MEAD & HUNT

Mead & Hunt, Inc.
6501 Watts Road, Suite 101
Madison, Wisconsin 53719-2700
Phone: 608•273•6380
Fax: [redacted]

Document No. 389732
C.S.M. No. 2621
Volume 9 Page 97498

Dwg. No. N 9259 S
Sheet 2 of 2
Job No. Z15-98A
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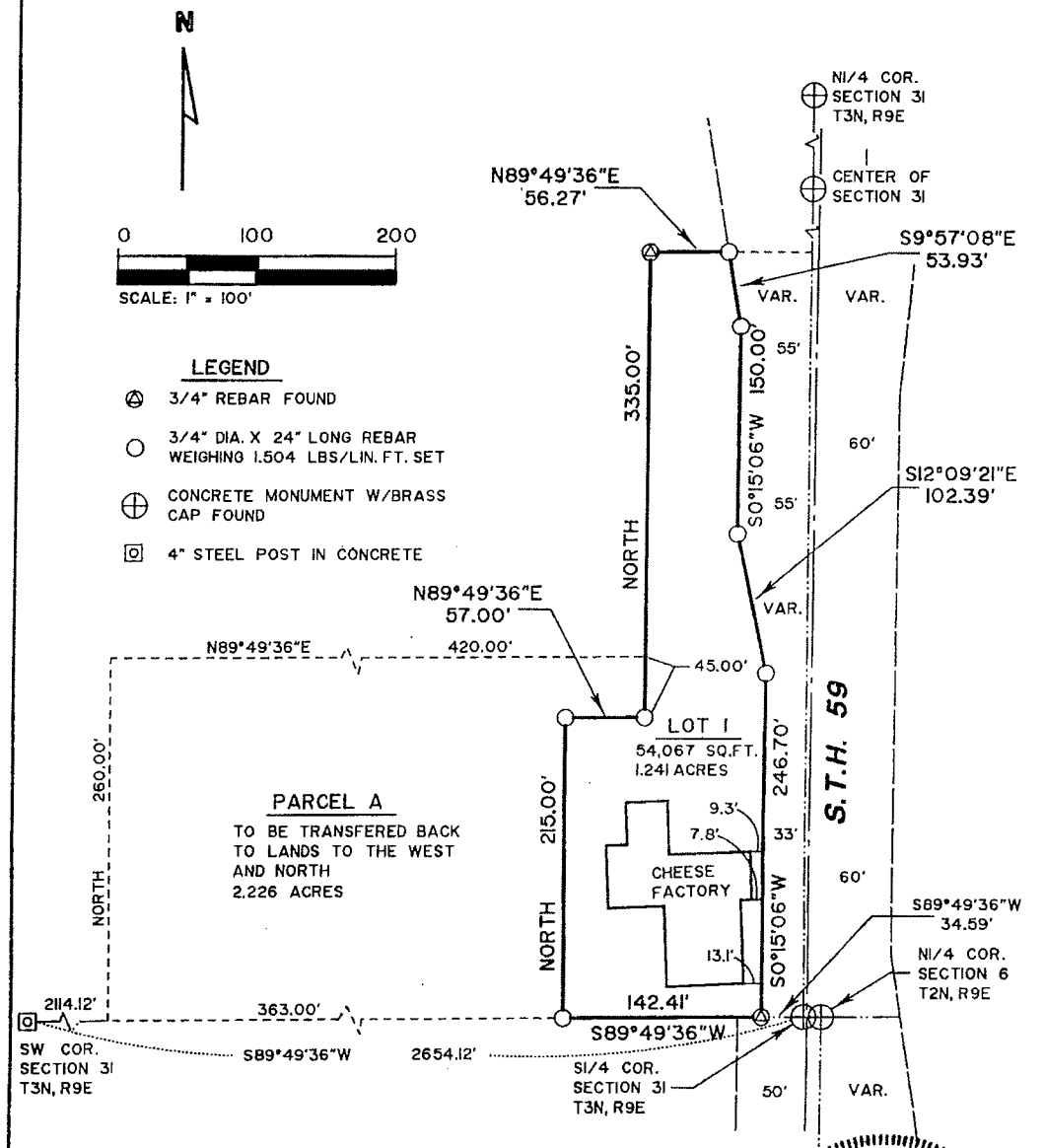
389732

CLIENT: JOHN ZURFLUH
N5027 HIGHWAY 59
ALBANY, WI 53502

G.2 CERTIFIED SURVEY MAP

2621



WISCONSIN
ROGER D. SCHNEEBERGER
S-1096
Oregon
Wis.
LAND SURVEYOR

Received for recording this 23rd day of October, 1998 at 11:55 o'clock A .M. and recorded in Volume 9 of Green County Certified Surveys on pages 97 and 97-98.

Marilyn Neuenschwander
Marilyn Neuenschwander
Register of Deeds

12-29-98

MEAD & HUNT

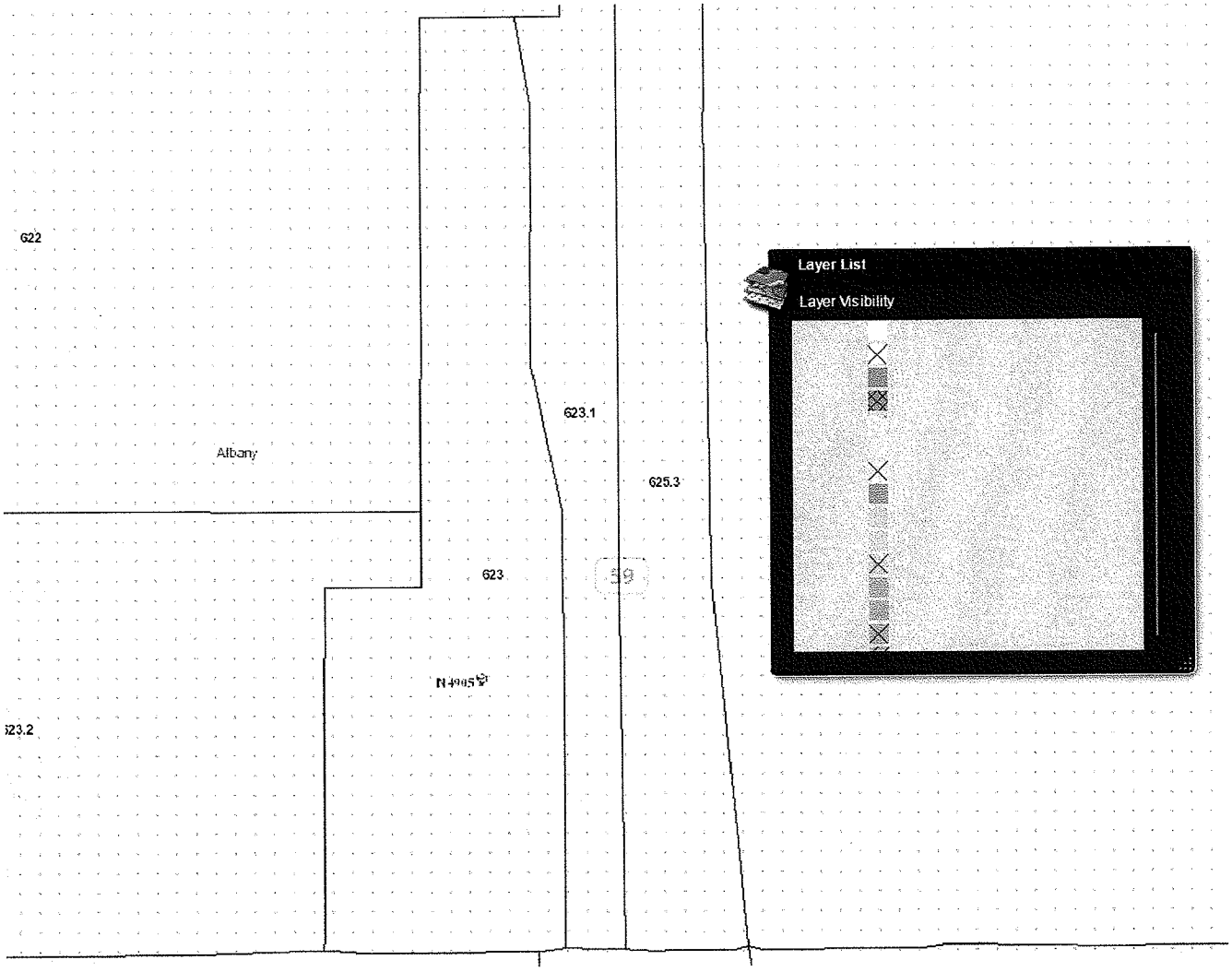
Mead & Hunt, Inc.
6501 Watts Road, Suite 101
Madison, Wisconsin 53719-2700
Phone: 608•273•6380
Fax: 608•273•6391

Dwg. No. N 9259 S
Sheet 1 of 2
Job No. Z15-98A
h:\survey\98\z1598a.dgn

Document No. 389732
C.S.M. No. 2621
Volume 9 Page 97-98

Page 97

G.3 Verification of Zoning



G.4. Signed Statement

WDNR BRRTS Case #: 03-23-548442

WDNR Site Name: Friedli 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:

Jeffrey L Hartwig Owner
(print name/title)

Jeffrey L Hartwig 2-16-15
(signature) (date)