



June 30, 2017

Ms. Chelsea Henkel  
City of Gillett  
150 N. McKenzie Ave  
Gillett, WI 54124

**KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS**

SUBJECT: Final Case Closure with Continuing Obligations  
Nicolet Trails Campground, 310 E. Washington Street, Gillett, WI  
DNR BRRTS Activity #: 03-43-560923

Dear Ms. Henkel:

The Department of Natural Resources (DNR) considers the Nicolet Trails Campground site closed, with continuing obligations. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under chs. NR 726 and 727, Wis. Adm. Code. The Northeast Region (NER) Closure Committee reviewed the request for closure on May 4, 2017. The DNR NER Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for well abandonment, investigative or remedial waste removal, and GIS Package corrections was issued by the DNR on May 11, 2017, and documentation that the conditions in that letter were met was received on May 22, 2017.

This property was a former bulk fuel storage facility located on a railroad siding. The property is currently a campground used primarily by people biking the adjacent Nicolet Trail and by people attending the Oconto County fair. Two petroleum USTs were discovered while installing a waterline on the property. The extent of contamination was defined and residual soil contamination was covered with a protective geo-textile liner and soil cap. The conditions of closure and continuing obligations required were based on the property being used for recreational purposes.

Continuing Obligations

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

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.

- A geo-textile and soil cover must be maintained over contaminated soil and the DNR must be notified and approve any changes to this barrier.
- Remaining contamination could result in vapor intrusion if future construction activities occur. Future construction includes expansion or partial removal of current buildings as well as construction of new buildings. Vapor control technologies will be required for occupied buildings, unless the property owner assesses the potential for vapor intrusion, and the DNR agrees that vapor control technologies are not needed.

The DNR fact sheet “Continuing Obligations for Environmental Protection,” RR-819, helps to explain a property owner’s responsibility for continuing obligations on their property. The fact sheet may be obtained at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

#### 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/wrrd.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 Geographic Information System (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 Northeast Regional DNR office, at 2984 Shawano Avenue, Green Bay WI 54313-6727. This letter and information that was submitted with your closure request application, including the maintenance plan and maps, can be found as a Portable Document Format (PDF) 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 a geo-textile and soil cover is required, as shown on the attached map, *Location Map, Figure D.2, October 3, 2016*, 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; and
- changing the use or occupancy of the property to a residential use.

### 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  
2984 Shawano Avenue  
Green Bay WI 54313-6727

#### Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present on this contaminated property, as shown on the attached map, *Groundwater Isoconcentration (8/24/16), Figure B.3.b, January 10, 2014*. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

#### Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)

Soil contamination remains at the locations S-2, G-1, G-2, G-3, G-4, G-6, G-14, G-19, MW-1, HS-1, HS-2, HS-5, HS-6, HS-7, HS-8, HS-9, and HS-10, as indicated on the attached map, *Residual Soil Contamination, Figure B.2.b, January 10, 2014*. 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 soil cover and geo-textile barrier that exists in the location shown on the attached map, *Location Map, Figure D.2, October 3, 2016*, shall be maintained in compliance with the attached maintenance plan in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

The cover approved for this closure was designed to be protective for a recreational use setting. Before using the property for residential purposes, you must notify the DNR at least 45 days before taking an action, to determine if additional response actions are warranted.

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 at the City Hall. Inspections shall be conducted annually, in accordance with the attached maintenance plan. Submit the inspection log to the DNR only upon request.

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

Future Concern: Petroleum contaminants remain in both soil and groundwater, as shown on the attached maps, *Groundwater Isoconcentration (8/24/16), Figure B.3.b, January 10, 2014* and *Residual Soil Contamination, Figure B.2.b, January 10, 2014*, at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. There are two small maintenance buildings on the site at this time. Therefore, before another building is constructed or an existing building is modified, the property owner must notify the DNR at least 45 days before the change. Vapor control technologies are required for construction of occupied buildings unless the property owner assesses the vapor pathway and DNR agrees that vapor control technologies are not needed.

#### Other Closure Information

##### General Wastewater Permits for Construction Related Dewatering Activities

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

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

##### PECFA Reimbursement

Section 101.143, Wis. Stats., requires that Petroleum Environmental Cleanup Fund Award (PECFA) claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not

received within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the DNR Project Manager to determine the method for salvaging the equipment.

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

In Closing

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

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

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

Sincerely,

*Roxanne N. Chronert / TRB*

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

Attachments:

- Groundwater Isoconcentration (8/24/16), Figure B.3.b, January 10, 2014
- Residual Soil Contamination, Figure B.2.b, January 10, 2014
- Description of Maintenance Actions, Attachment D.1, January 19, 2017
- Location Map, Figure D.2, October 3, 2016
- Photographs, Attachment D.3, August 24, 2016
- Inspection Log (DNR Form 4400-305)

cc: Jason Powell – METCO ([jasonp@metcohq.com](mailto:jasonp@metcohq.com))

B.3.b GROUNDWATER  
ISOCONCENTRATION (8/24/16)

NICOLET TRAILS  
CAMPGROUND



GILLETT,  
WISCONSIN  
DRAWN BY : ED  
DATE: 1/10/14



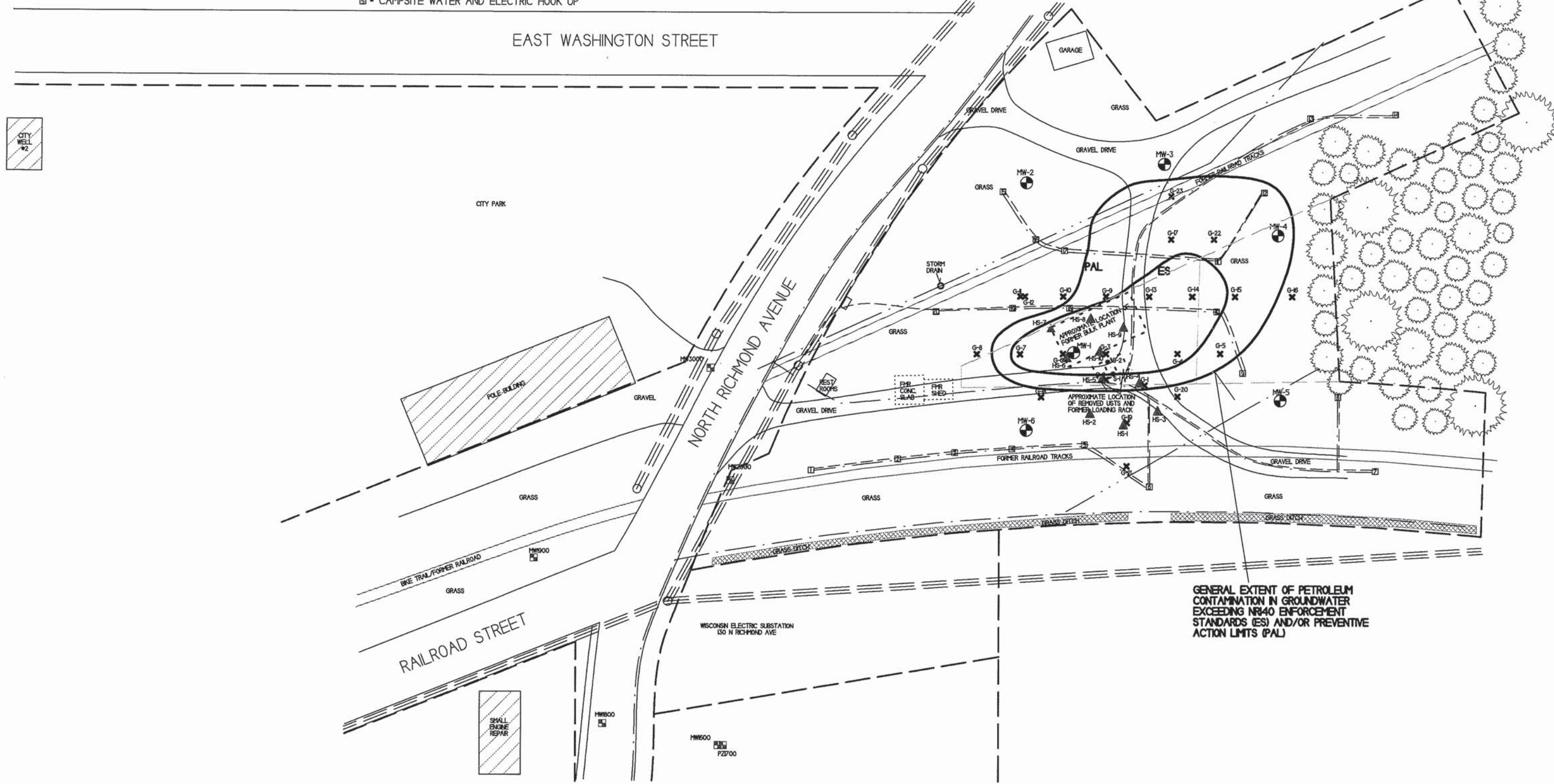
NOTE: INFORMATION BASED ON AVAILABLE  
DATA. ACTUAL CONDITIONS MAY DIFFER.

- ☐ - ABANDONED MONITORING WELL LOCATION - MR B'S GARAGE
- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- - APPROXIMATE PROPERTY BOUNDARY
- ☐ - CAMPSITE WATER AND ELECTRIC HOOK UP

- ≡≡≡≡ - OVERHEAD LINES
- - - - - BURIED ELECTRIC
- - - - - WATER LINE
- - - - - STORM SEWER
- - - - - FORMER UST & AST AREA

SCALE 1 INCH = 70 FEET

GROUNDWATER FLOW  
BASED ON MOST RECENT  
SAMPLING EVENT (8-24-16)



GENERAL EXTENT OF PETROLEUM  
CONTAMINATION IN GROUNDWATER  
EXCEEDING NR40 ENFORCEMENT  
STANDARDS (ES) AND/OR PREVENTIVE  
ACTION LIMITS (PAL)

B.2.b.  
RESIDUAL SOIL CONTAMINATION  
NICOLET TRAILS  
CAMPGROUND

709 Gillette Street, Suite 3  
La Crosse, WI 54603  
Tel: (608) 781-5879  
Fax: (608) 781-8850

GILLETT,  
WISCONSIN  
DRAWN BY : ED  
DATE: 1/10/14

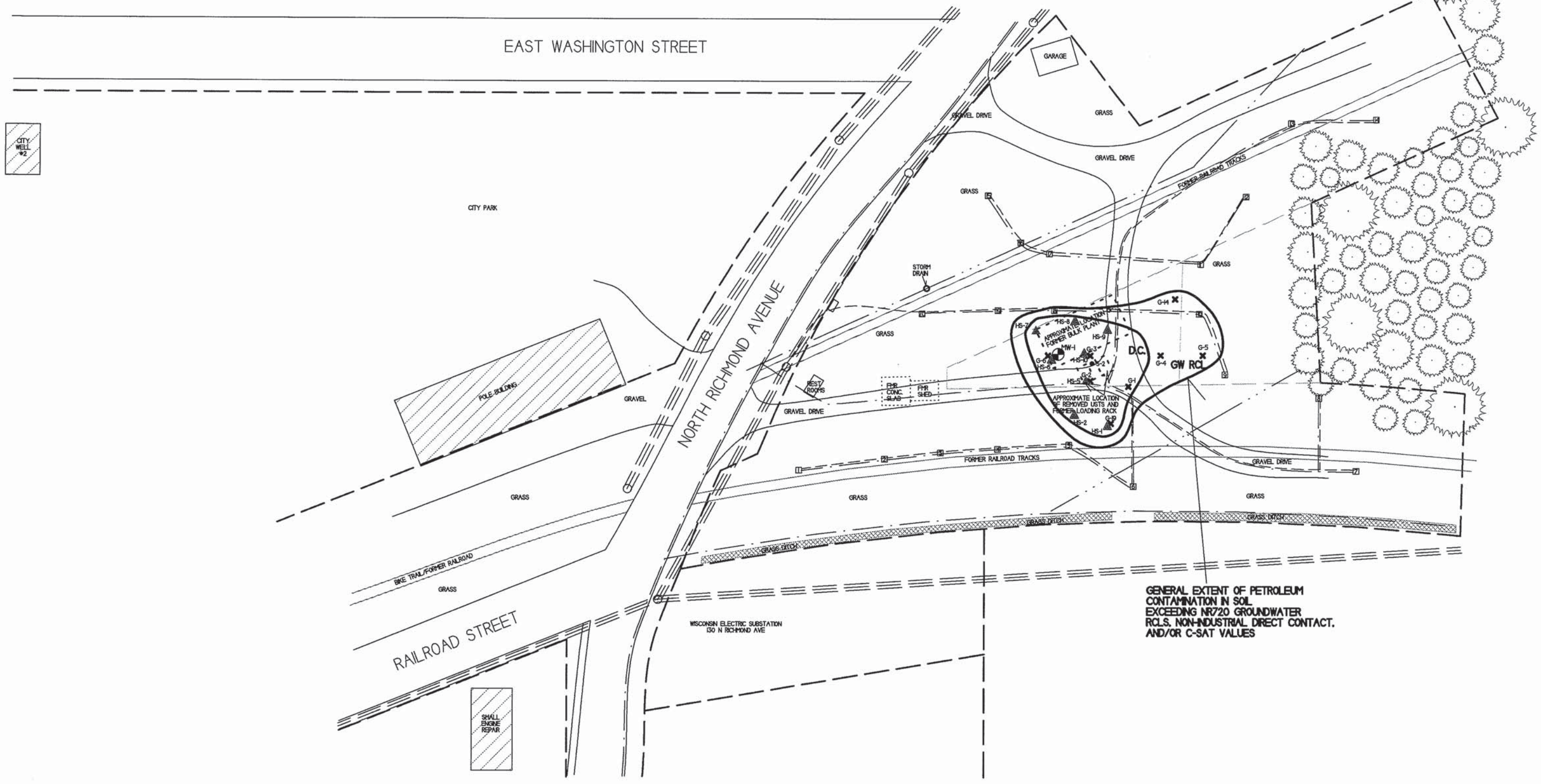


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
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- ≡≡≡≡ - OVERHEAD LINES
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- — — — — WATER LINE
- — — — — STORM SEWER
- - - - - FORMER UST & AST AREA

SCALE 1 INCH = 70 FEET



GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL EXCEEDING NR/20 GROUNDWATER RCLs, NON-INDUSTRIAL DIRECT CONTACT, AND/OR C-SAT VALUES

## D.1 Description of Maintenance Action(s)

### CAP MAINTENANCE PLAN

January 19, 2017

Property Located at:  
310 East Washington Street  
Gillett, WI 54124

WDNR BRRTS# 03-43-560923

TAX KEY# 2310422295620

#### Introduction

This document is the Maintenance Plan for a gravel and grass 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 cap occupying the area over the contaminated soil plume on-site.

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

- The case file in the DNR Northeast regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites):  
<http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>
- GIS Registry PDF file for further information on the nature and extent of contamination and
- The DNR project manager for Oconto County.

#### Description of Contamination

Soil contaminated by Petroleum Volatile Organic Compounds (PVOC's) and Polynuclear Aromatic Hydrocarbons is located (PAH) at a depth of 0-4 feet below ground surface (bgs) in the area of soil samples S-2, G-1, G-2, G-3, G-6, G-19, MW-1, HS-1, HS-2, HS-5, HS-6, HS-7, HS-8, HS-9, and HS-10, which are located near the former AST and UST systems. The extent of the soil contamination is shown on Attachment D.2.

#### Description of the Cap to be maintained

The Cap area consists of gravel (1 foot thick) or topsoil and grass (1 foot thick) on top of a layer of geotextile fabric which covers the areas of the former AST and UST systems, as shown on Attachment D.2.

#### Cover Barrier Purpose

The gravel and grass cap over the contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health.



Based on the current and future use of the property, the barrier should function as intended unless disturbed.

### Annual Inspection

The gravel and grass cap overlying the contaminated soil and as depicted in Attachment D.2 will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration and other potential problems that can cause exposure to underlying 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 Form 4400-305 Continuing Obligations and Maintenance Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. 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.

Note: The WDNR may, in some instances, require in the case closure letter that the inspection log be submitted at least annually after every inspection. If the case closure letter requires that, then a copy of the inspection log must be submitted to the WDNR at least annually after every inspection.

### 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 direct contact exposure 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 gravel and/or grass cap overlying the contaminated soil plume 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 gravel and grass 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 gravel and grass cap is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 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.

Contact Information

January 19, 2017

**Current Site Owner and Operator:**

City of Gillett  
150 N. McKenzie Ave.  
Gillett, WI 54124  
(920) 855-2255

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

**Consultant:**

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

**WDNR:**

Tom Verstegen  
625 East County Road Y, Suite 700  
Oshkosh, WI 54901  
(920) 424-0025

**D.2. LOCATION MAP**

**NICOLET TRAILS CAMPGROUND**

**GILLETT, WISCONSIN**  
 709 Gillett Street, Suite 3  
 La Crosse, WI 54603  
 Tel: (608) 781-8879  
 Fax: (608) 781-8893

**METCO**  
 DRAWN BY : JP  
 DATE: 10/3/16

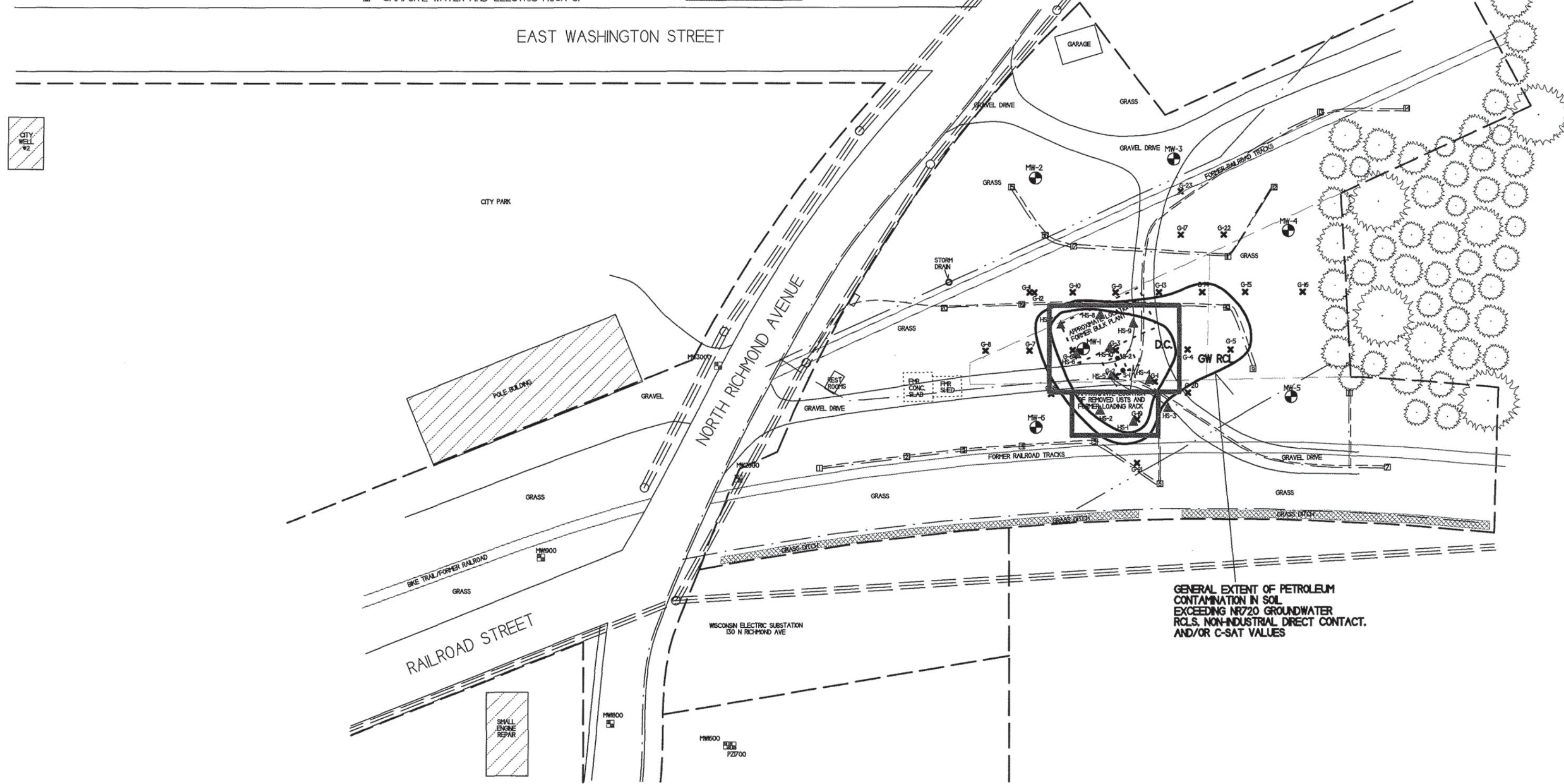


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- ☐ - ABANDONED MONITORING WELL LOCATION - MR B'S GARAGE
- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- - APPROXIMATE PROPERTY BOUNDARY
- ☐ - CAMPSITE WATER AND ELECTRIC HOOK UP

- ≡≡≡≡ - OVERHEAD LINES
- - - - - BURIED ELECTRIC
- - - - - WATER LINE
- - - - - BURIED ELECTRIC
- - - - - STORM SEWER
- - - - - FORMER UST & AST AREA
- ▭ - AREA OF CAP TO BE MAINTAINED

SCALE 1 INCH = 70 FEET



GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL EXCEEDING NR720 GROUNDWATER RCLs, NON-INDUSTRIAL DIRECT CONTACT, AND/OR C-SAT VALUES

D.3. Photographs

Facing east/northeast



Facing South



# 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) Page 1 of 2

**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 <b>Nicolet Trails Campground</b>	BRRTS No. <b>03-43-560923</b>
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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):

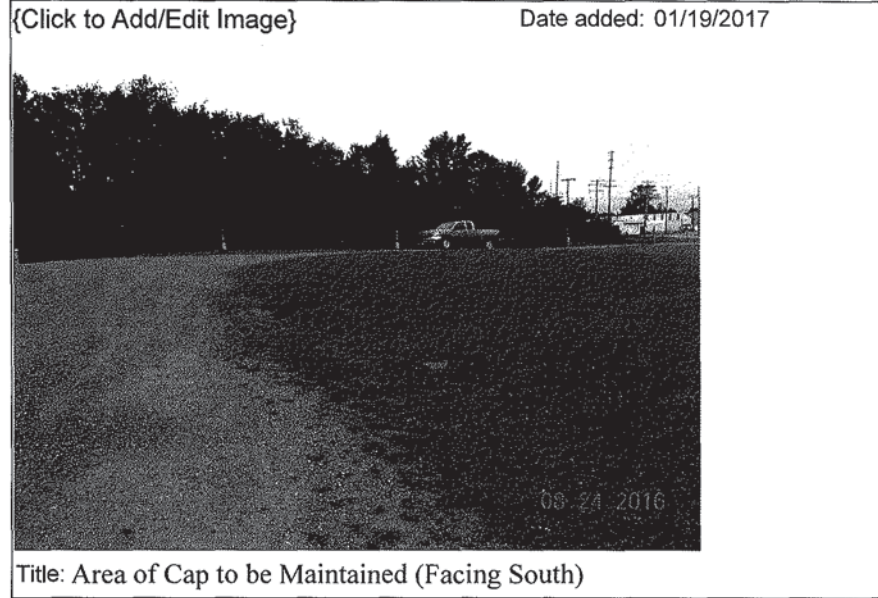
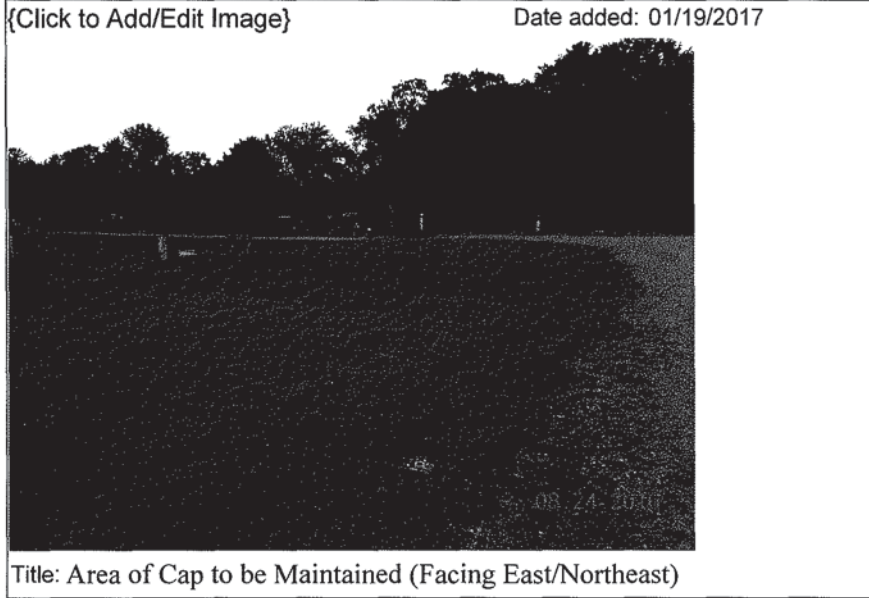
**Thomas.Verstegen@wisconsin.gov**

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?
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			○ Y ○ N	○ Y ○ N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			○ Y ○ N	○ Y ○ N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			○ Y ○ N	○ Y ○ N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			○ Y ○ N	○ Y ○ N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			○ Y ○ N	○ Y ○ N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			○ Y ○ N	○ Y ○ N

D.4.

03-43-560923  
BRRTS No.

Nicolet Trails Campground  
Activity (Site) Name





May 11, 2017

City of Gillett  
Chelsea Henkel  
150 N. McKenzie Ave  
Gillett, WI 54124

Subject: Remaining Actions Needed for Final Closure  
Nicolet Trails Campground, 310 E. Washington St, Gillett, Wisconsin  
DNR BRRTS Activity # 03-43-560923

Dear Ms. Henkel:

On May 4, 2017, the Northeast Region (NER) Closure Committee reviewed your request for closure of the case described above. The NER Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. The following actions are needed to complete our review of your request. Upon completion of these actions, closure approval will be provided.

#### Remaining Actions Needed

##### Monitoring Well Abandonment

The monitoring wells at the site must be properly abandoned in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment for all wells must be submitted to Tom Versteegen, 625 E. County Rd Y, Suite 700, Oshkosh, WI 54901-9731 on Form 3300-005, found at <http://dnr.wi.gov/topic/groundwater/forms.html>.

##### Closure Packet

Row xiii of the Source Property Column, Section 5, Page 9 of the Closure packet needs to be checked, indicating that there may be a risk of vapor intrusion if development were to occur over the residual soil contamination.

##### Purge Water, Waste and Soil Pile Removal

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with the applicable rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

##### Documentation

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

Submit all changes to the original closure request in one final, complete compact disk. For the paper copy, only revisions or updates need to be submitted. The submittal of both an electronic and paper copy are required in accordance with s. NR 726.09 (1), Wis. Adm. Code.

GIS Registry

Your site will be listed on the DNR Remediation and Redevelopment Program's GIS Registry, to provide public notice of remaining contamination and continuing obligations. The continuing obligations will be specified in the final closure approval. Information that was submitted with your closure request application will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web), at <http://dnr.wi.gov/topic/Brownfields/rasm.html>.

In Conclusion

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

If you have any questions regarding this letter, please contact the project manager, Tom Verstegen, at 920-424-0025, or by email at [thomas.verstegen@wisconsin.gov](mailto:thomas.verstegen@wisconsin.gov).

Sincerely,



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

cc: Jason Powell - METCO



**SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN**

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

Site Information			
BRRTS No.	VPLE No.		
03-43-560923			
Parcel ID No.			
2310422295620			
FID No.	WTM Coordinates		
None	X 654120	Y 492416	
BRRTS Activity (Site) Name	WTM Coordinates Represent:		
Nicolet Trails Campground	<input checked="" type="checkbox"/> Source Area <input type="checkbox"/> Parcel Center		
Site Address	City	State	ZIP Code
310 E. Washington Street	Gillett	WI	54124
Acres Ready For Use	3		

Responsible Party (RP) Name			
Chelsea Henkel			
Company Name			
City of Gillett			
Mailing Address	City	State	ZIP Code
150 N. McKenzie Avenue	Gillett	WI	54124
Phone Number	Email		
(920) 855-2255	chelsea.henkel@ci.gillett.wi.us		

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

Environmental Consultant Name			
Ronald Anderson			
Consulting Firm			
METCO			
Mailing Address	City	State	ZIP Code
709 Gillette Street, Suite 3	La Crosse	WI	54603
Phone Number	Email		
(608) 781-8879	rona@metcohq.com		

**Fees and Mailing of Closure Request**

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

<input checked="" type="checkbox"/> \$1,050 Closure Fee	<input checked="" type="checkbox"/> \$300 Database Fee for Soil
<input checked="" type="checkbox"/> \$350 Database Fee for Groundwater or Monitoring Wells (Not Abandoned)	Total Amount of Payment \$ <u>\$1,700.00</u>
	<input type="checkbox"/> Resubmittal, Fees Previously Paid
- Send one paper copy and one e-copy on compact disk of the entire closure package** to the Regional Project Manager assigned to your site. Submit as *unbound, separate documents* in the order and with the titles prescribed by this form. For electronic document submittal requirements, see <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>.

## Site Summary

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

### 1. General Site Information and Site History

- A. **Site Location:** Describe the physical location of the site, both generally and specific to its immediate surroundings.  
The Nicolet Trails Campground property, 310 East Washington Street, is located approximately 215 feet southeast of the intersection of East Washington Street and North Richmond Avenue, in the City of Gillett, Oconto County, Wisconsin. The site is bound to the west by Richmond Avenue, residential property to the north and south, and industrial property to the east.
- B. **Prior and current site usage:** Specifically describe the current and historic occupancy and types of use.  
A bulk petroleum facility existed on the property from at least the 1930's until the mid to late 1980's. The facility consisted of at least five above ground storage tanks (ASTs) for the storage of gasoline, diesel, and fuel oil. Two underground storage tanks (USTs) were also affiliated with the bulk facility, their contents are unknown. The property is currently being used as a Campground.
- C. **Current zoning** (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).  
According to the City of Gillett, Wisconsin, the Nicolet Trails Campground property located at 310 East Washington Street is zoned "Parks & Public Lands". The property to the west across Richmond Avenue is also zoned "Parks & Public Lands". The properties to the north and south are zoned "Single/2 Family Residence or Future Development", and properties to the east are zoned "Industrial".
- D. **Describe how and when site contamination was discovered.**  
In the summer of 2013, the City of Gillett encountered two steel USTs on the property while installing a water line on the property. The USTs were subsequently removed from the property. On July 12, 2013, a test pit was dug in the area of the removed USTs and two soil samples (S-1 and S-2) were collected from the test pit for DRO and VOC analysis. The soil sampling results showed DRO concentrations ranging from 162 to 3,810 ppm along with various detects for VOCs. The petroleum contamination was reported to the WDNR, who then required that a site investigation be completed.
- E. **Describe the type(s) and source(s) or suspected source(s) of contamination.**  
Petroleum contamination appears to have originated from the former AST and/or UST systems.
- F. **Other relevant site description information** (or enter Not Applicable).  
Not applicable.
- G. **List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.**  
The WDNR also has an open spill case (BRRTS #04-43-561010) at the subject property. The spill case was transferred to a LUST case, which is the subject of this investigation.
- H. **List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.**  
There are no BRRTS activities for any immediately adjacent properties.

### 2. General Site Conditions

- A. **Soil/Geology**
- i. **Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.**  
Local unconsolidated material generally consists of sand with some gravel, from the surface to depths ranging from 2 to 7 feet below ground surface (bgs). From surface to depths ranging from 2 to 11 feet bgs exists a sandy silt/clay with some gravel. At depths ranging from 8 to 14 feet bgs exists a very fine to coarse grained sand. At depths ranging from 9 to 14 feet bgs exists a silt, extending to at least 16 feet bgs.
  - ii. **Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.**  
Fill material consisting of sand, gravel, and concrete was encountered in the area of the removed UST's. The fill material extends to 7 feet bgs.
  - iii. **Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation.**  
Bedrock was not encountered during the site investigation, but sandstone bedrock is expected to exist at approximately 250 feet bgs.
  - iv. **Describe the nature and locations of current surface cover(s) across the site** (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).  
The majority of the property is covered by a manicured lawn, with the exception of the gravel drive around and through the property. A small restroom building exists in the west/southwest part of the property, and a small garage exists in the north part of the property.

**B. Groundwater**

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

Groundwater exists at approximately 6.97 to 12.68 feet bgs depending on well location and time of year. Water level measurements in MW-1 were affected by free product during the May 2016 (0.75 inches) and the August 2016 (4 inches) sampling events. The stratigraphic unit where the water table is found consists of silt to coarse grained sand with some gravel.

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

Groundwater elevations measured in the monitoring wells indicated a local groundwater flow direction to be predominately towards the north, with variations to the northwest and northeast. Groundwater flow deeper in the aquifer is unknown, as piezometers were not installed during the investigation.

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

On January 26, 2015, METCO conducted slug tests on MW-1 and MW-3. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc. Slug test data was evaluated using the Bouwer and Rice method. Hydrogeologic parameters were estimated as follows:

**Monitoring Well MW-1**

Hydraulic Conductivity (K) = 4.39E-03 cm/sec

Transmissivity = 5.88E-01 cm<sup>2</sup>/sec

Flow Velocity (V=KI/n) = 180.27 m/yr

**Monitoring Well MW-3**

Hydraulic Conductivity (K) = 7.68E-04 cm/sec

Transmissivity = 1.22E-01 cm<sup>2</sup>/sec

Flow Velocity (V=KI/n) = 31.55 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of MW-1 and MW-3 were assumed as the lower extent of the aquifer for calculation purposes.

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

The subject property and surrounding properties are all served by the City of Gillett municipal water. The nearest municipal well (Well #2) exists approximately 750 feet to the west of the subject property. No private potable wells are known to exist in this area.

**3. Site Investigation Summary**

**A. General**

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

On April 15-16, 2014, Geiss Soil and Samples of Merrill, Wisconsin, completed twenty-three Geoprobe borings under the direction and supervision of METCO personnel. Seventy-two soil samples and twenty-two water samples were collected for field and/or laboratory analysis (Site Investigation Report - December 11, 2015)

On December 29-30, 2014, Geiss Soil and Samples completed six soil borings which were converted to monitoring wells under the direction and supervision of METCO personnel. Twenty-three soil samples were collected for field and/or laboratory analysis. Upon completion, the monitoring wells were properly developed. (Site Investigation Report - December 11, 2015)

On January 26, 2015, METCO collected groundwater samples from the six monitoring wells for field and laboratory analysis, and also conducted slug tests on monitoring wells MW-1 and MW-3. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were also collected from the wells. Fauerbach Surveying & Engineering of Hillsboro, Wisconsin, surveyed the monitoring wells during the sampling event. (Site Investigation Report - December 11, 2015).

On May 26, 2015, METCO personnel completed ten soil borings (HS-1 thru HS-10) for PVOC and PAH analysis. The soil samples were collected 1 foot bgs using a hand auger and/or shovel. METCO personnel also collected groundwater samples from the six monitoring wells for field and/or laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were also collected from the wells. (Letter Report - August 3, 2015)

On August 31, 2015, METCO collected groundwater samples from the six monitoring wells for field and/or laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were also collected from the wells. (Site Investigation - December 11, 2015)

On February 29, 2016, METCO personnel collected groundwater samples from two monitoring wells (MW-1 and MW-4) for PVOC and Naphthalene analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were collected from the two sampled wells, while water levels were collected from all site wells. (Letter Report - October 5, 2016)

On May 26, 2016, METCO personnel collected groundwater samples from two monitoring wells (MW-1 and MW-4) for PVOC and Naphthalene analysis. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all site wells. (Letter Report - October 5, 2016)

On June 14-15, 2016, DKS Construction Services of Menomonie, Wisconsin, conducted a capping project under the supervision and direction of METCO. The capping was being done to address the area of direct contact soil contamination (PVOC's and PAH's) at the site. The two adjacent rectangular areas (90'x60' and 60'x30') were staked and a Geo-Textile Fabric was laid over the entire impacted area. Once the fabric was in place, one foot of top-soil was placed over the grass areas and one foot of gravel was placed over the gravel drive area. The areas of top-soil were covered in E-Mat and seeded to help prevent the new soil cap from washing out. (Letter Report - October 5, 2016)

On August 24, 2016, METCO personnel collected groundwater samples from the six monitoring wells for PVOC and Naphthalene analysis. Water level, dissolved oxygen, pH, ORP, specific conductance, and temperature measurements were collected from all site wells.

- ii. Identify whether contamination extends beyond the source property boundary, and if so describe the media affected (e.g., soil, groundwater, vapors and/or sediment, etc.), and the vertical and horizontal extent of impacts. Based on historical and current data, soil contamination and/or groundwater contamination does not appear to extend beyond the source property boundary.
- iii. Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.

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

**B. Soil**

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

An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values, exists in the area of the former bulk plant and removed UST's. This consists of an irregular shaped area, which appears to measure up to 145 feet long, up to 110 feet wide, and up to 12 feet thick. An area of unsaturated soil contamination, which exceeds the NR720 Non-Industrial Direct Contact values, also exists in the area of the former bulk plant and removed UST's. This consists of an irregular shaped area, which appears to measure up to 98 feet long, up to 78 feet wide, and up to 4 feet thick.

The extent of petroleum contamination in soil exceeding the NR720 Groundwater RCL's and Non-Industrial Direct Contact RCL's does come into contact with buried electric lines and water lines. Buried electric lines typically exist within 30 inches of ground surface and backfilled with native soil (clay). Due to their shallow depth and clay backfill, they do not appear to be potential contaminant migration pathways. The water lines existing throughout the campground were constructed in 2012 at approximately 18 to 30 inches bgs, and were backfilled with native soil. Although this soil contamination does come into contact with a water line(s), they do not appear to be potential contaminant migration pathways due to the native soil backfill material.

- ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column. Soil samples collected within the upper four feet of the soil column exceeding the NR720 Groundwater and Direct Contact RCL's include: (all contaminant levels are presented in ppm)

S-2: Benzene (1.070), Ethylbenzene (1.750), Naphthalene (13.9), 1,2,4-TMB (26.8), 1,3,5-TMB (9.98), and Xylene (18.2) at 4 ft bgs

G-1-1: Lead (70), Benzene (1.44), Ethylbenzene (2.26), Naphthalene (0.760), 1,2,4-TMB (23.3), 1,3,5-TMB (6.5), Xylene (17.9), and Benzo(a)pyrene (0.0314) at 3.5 ft bgs

G-2-1: Benzene (0.069), Benzo(a)anthracene (0.222), Benzo(a)pyrene (0.204), Benzo(b)fluoranthene (0.275), Chrysene (0.221), and Dibenzo(a,h)anthracene (0.037) at 3.5 ft bgs

G-3-1: Benzene (2.58), Ethylbenzene (2.34), Naphthalene (10.1), 1,2,4-TMB (11.7), 1,3,5-TMB (4.5), Xylene (15.66), and Chrysene (0.153) at 3.5 ft bgs

G-4-1: Lead (41) and Benzene (0.232) at 3.5 ft bgs

G-6-1: Benzene (22.8), Ethylbenzene (129), Naphthalene (32), Toluene (2.54), 1,2,4-TMB (430), 1,3,5-TMB (127),

Xylene (482.1), and 1-Methylnaphthalene (32) at 3.5 ft bgs  
G-19-1: Lead (65.40), Benzene (0.048), Benzo(a)anthracene (0.680), Benzo(a)pyrene (0.470), Benzo(b)fluoranthene (0.550), Chrysene (0.520), Dibenz(a,h)anthracene (0.074), and Indeno(1,2,3-cd)pyrene (0.261) at 3.5 ft bgs  
MW-1-1: Lead (28.90), Benzene (9.5), Ethylbenzene (22.4), Naphthalene (41), Toluene (5.0), 1,2,4-TMB (111), 1,3,5-TMB (52), Xylene (112), Fluorene (20.3), and 1-Methylnaphthalene (123) at 3.5 ft bgs  
HS-1: Benzo(a)anthracene (0.204), Benzo(a)pyrene (0.213), Benzo(b)fluoranthene (0.35), Chrysene (0.233), Dibenz(a,h)anthracene (0.035), and Indeno(1,2,3-cd)pyrene (0.159) at 1 ft bgs  
HS-2: Benzo(a)anthracene (0.89), Benzo(a)pyrene (0.89), Benzo(b)fluoranthene (1.27), Chrysene (0.91), Dibenz(a,h)anthracene (0.143), and Indeno(1,2,3-cd)pyrene (0.56) at 1 ft bgs  
HS-5: Benzo(a)pyrene (0.094) at 1 ft bgs  
HS-6: Benzo(a)pyrene (0.211), Benzo(b)fluoranthene (0.296), Chrysene (0.229), and Dibenz(a,h)anthracene (0.038), at 1 ft bgs  
HS-7: Benzene (2.18), Naphthalene (2.2), 1,2,4-TMB (7.5), 1,3,5-TMB (7.4), Xylene (4.59), and Benzo(a)pyrene (0.0198) at 1 ft bgs  
HS-8: Benzo(a) (0.68) and Benzo(a)pyrene (0.064) at 1 ft bgs  
HS-9: Benzo(a)anthracene (0.163), Benzo(a)pyrene (0.123), Benzo(b)fluoranthene (0.202), and Dibenz(a,h)anthracene (0.0247) at 1 ft bgs  
HS-10: Benzene (1.84), Naphthalene (8.2), Toluene (1.21), 1,2,4-TMB (82), 1,3,5-TMB (33), Xylene (36.2), Benzo(a)anthracene (0.39), Benzo(a)pyrene (0.166), Benzo(b)fluoranthene (0.286), Chrysene (0.299), and 1-Methylnaphthalene (16.7) at 1 ft bgs

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

The method used to establish the soil cleanup standards for this site were the NR720 RCL's. The property is zoned "Parks & Public Lands", therefore non-industrial standards were used for this site.

C. Groundwater

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

A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the former bulk plant and removed UST's and has migrated toward the north to northeast. This plume is approximately 235 feet long and 140 feet wide.

The extent of petroleum contamination in groundwater exceeding the NR140 ES and/or PAL does come into contact with water lines, buried electric lines, and a storm sewer line. Due to the shallow depth and clay backfill of the buried electric lines, they do not appear to be potential contaminant migration pathways. Due to the depth at which the water lines exist (18-30 inches bgs), these do not appear to be potential migration pathways as groundwater exists at approximately 7 to 13 feet bgs across the site. According to the City of Gillett, the storm sewer utility corridor was installed in the early 1990's at 12 feet bgs, and was backfilled with native soil. Due to groundwater contaminant levels only exceeding the NR140 PAL in this area, the storm sewer utility does not appear to be a potential contaminant migration pathway.

The subject property and surrounding properties are all served by the City of Gillett municipal water. The nearest municipal well (Well #2) exists approximately 750 feet to the west of the subject property. No private potable wells are known to exist in this area.

No building foundation drain systems are known to exist in this area.

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

On May 26, 2016, METCO encountered free product for the first time, in monitoring well MW-1 (0.75 inches). Approximately 0.01 gallons of free product was removed via hand bailing.

On August 24, 2016, METCO encountered free product again in MW-1 (4 inches). Approximately 0.03 gallons of free product was removed via hand bailing.

This free product was encountered in May at approximately 10.5 feet bgs, and in August at approximately 12.5 feet bgs.

D. Vapor

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

The extent of petroleum contamination in soil and groundwater does not appear to come into contact with any buildings,

therefore no vapor samples were collected from the site.

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

E. Surface Water and Sediment

- i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.  
Since the extent of petroleum contamination does not appear to have migrated to any surface waters, no surface water or sediment samples were collected.
- ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.  
No surface water or sediment samples were collected.

**4. Remedial Actions Implemented and Residual Levels at Closure**

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

On June 14-15, 2016, DKS Construction Services of Menomonie, Wisconsin, conducted a capping project under the supervision and direction of METCO. The capping was completed to address the area of direct contact soil contamination (PVOC's and PAH's) at the site.

Two adjacent rectangular areas (90'x60' and 60'x30') were staked and a Geo-Textile Fabric was laid over the entire impacted area. Once the fabric was in place, one foot of top-soil was placed over the grass areas and one foot of gravel was placed over the gravel drive area. The areas of top-soil were covered in E-Mat and seeded to help prevent the new soil cap from washing out. (Letter Report - October 5, 2016)

- B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.  
During the two most recent groundwater sampling events, free product was removed from monitoring well MW-1 by hand bailing. A total of approximately 0.04 gallons of free product was removed during these sampling events.
- C. Describe the *active* remedial actions taken at the source property, including: type of remedial system(s) used for each media affected; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.  
On June 14-15, 2016, DKS Construction Services of Menomonie, Wisconsin conducted a capping project under the supervision and direction of METCO. The capping was completed to address the area of direct contact soil contamination (PVOC's and PAH's) at the site.  
  
Two adjacent rectangular areas (90'x60' and 60'x30') were staked and a Geo-Textile Fabric was laid over the entire impacted area. Once the fabric was in place, one foot of top-soil was placed over the grass areas and one foot of gravel was placed over the gravel drive area. The areas of top-soil were covered in E-Mat and seeded to help prevent the new soil cap from washing out. (See Attachment D)
- D. Describe the alternatives considered during the Green and Sustainable Remediation evaluation in accordance with NR 722.09 and any practices implemented as a result of the evaluation.  
No evaluation of Green and Sustainable Remediation was conducted.

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

An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values, exists in the area of the former bulk plant and removed UST's. This consists of an irregular shaped area, which appears to measure up to 145 feet long, up to 110 feet wide, and up to 12 feet thick. An area of unsaturated soil contamination, which exceeds the NR720 Non-Industrial Direct Contact values, also exists in the area of the former bulk plant and removed UST's. This consists of an irregular shaped area, which appears to measure up to 98 feet long, up to 78 feet wide, and up to 4 feet thick. This Direct Contact contamination has been addressed via the Capping Project.

A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the former bulk plant and removed UST's and has migrated toward the north to northeast. This plume is approximately 235 feet long and 140 feet wide.

Based on historical and current data, soil contamination and groundwater contamination does not appear to extend beyond the source property boundary.

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

The following samples currently exceed NR720 Non-Industrial Direct Contact RCLs: (all contaminant levels are presented in ppm)

S-2: Naphthalene (13.9) at 4 ft bgs

G-1-1: Benzo(a)pyrene (0.0314) at 3.5 ft bgs

G-2-1: Benzo(a)anthracene (0.222), Benzo(a)pyrene (0.204), Benzo(b)fluoranthene (0.275), and Dibenzo(a,h)anthracene (0.037) at 3.5 ft bgs

G-3-1: Benzene (2.58) and Naphthalene (10.1) at 3.5 ft bgs

G-6-1: Benzene (22.8), Ethylbenzene (129), Naphthalene (32), 1,2,4-TMB (430), Xylene (482.1), and 1-Methylnaphthalene (32) at 3.5 ft bgs

G-19-1: Benzo(a)anthracene (0.680), Benzo(a)pyrene (0.470), Benzo(b)fluoranthene (0.550), Dibenzo(a,h)anthracene (0.074), and Indeno(1,2,3-cd)pyrene (0.261) at 3.5 ft bgs

MW-1-1: Benzene (9.5), Ethylbenzene (22.4), Naphthalene (41), 1,2,4-TMB (111), and 1-Methylnaphthalene (123) at 3.5 ft bgs

HS-1: Benzo(a)anthracene (0.204), Benzo(a)pyrene (0.213), Benzo(b)fluoranthene (0.35), Dibenzo(a,h)anthracene (0.035), and Indeno(1,2,3-cd)pyrene (0.159) at 1 ft bgs

HS-2: Benzo(a)anthracene (0.89), Benzo(a)pyrene (0.89), Benzo(b)fluoranthene (1.27), Dibenzo(a,h)anthracene (0.143), and Indeno(1,2,3-cd)pyrene (0.56) at 1 ft bgs

HS-5: Benzo(a)pyrene (0.094) at 1 ft bgs

HS-6: Benzo(a)pyrene (0.211), Benzo(b)fluoranthene (0.296), and Dibenzo(a,h)anthracene (0.038) at 1 ft bgs

HS-7: Benzene (2.18), Benzo(a)pyrene (0.0198) at 1 ft bgs

HS-8: Benzo(a)pyrene (0.064) at 1 ft bgs

HS-9: Benzo(a)anthracene (0.163), Benzo(a)pyrene (0.123), Benzo(b)fluoranthene (0.202), and Dibenzo(a,h)anthracene at 1 ft bgs

HS-10: Benzene (1.84), Naphthalene (8.2), Benzo(a)anthracene (0.39), Benzo(a)pyrene (0.166), Benzo(b)fluoranthene (0.286), and 1-Methylnaphthalene (16.7) at 1 ft bgs

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

The following samples above the observed low water table currently exceed NR720 Groundwater RCLs: (all contaminant levels are presented in ppm)

S-2: Benzene (1.070), Ethylbenzene (1.750), Naphthalene (13.9), 1,2,4-TMB (26.8), 1,3,5-TMB (9.98), and Xylene (18.2) at 4 ft bgs

G-1-1: Lead (70), Benzene (1.44), Ethylbenzene (2.26), Naphthalene (0.760), 1,2,4-TMB (23.3), 1,3,5-TMB (6.5), Xylene (17.9), and Benzo(a)pyrene (0.0314) at 3.5 ft bgs

G-2-1: Benzene (0.069), Benzo(a)anthracene (0.222), Benzo(a)pyrene (0.204), Benzo(b)fluoranthene (0.275), Chrysene (0.221), and Dibenzo(a,h)anthracene (0.037) at 3.5 ft bgs

G-3-1: Benzene (2.58), Ethylbenzene (2.34), Naphthalene (10.1), 1,2,4-TMB (11.7), 1,3,5-TMB (4.5), Xylene (15.66), and Chrysene (0.153) at 3.5 ft bgs

G-3-2: Benzene (0.900), Ethylbenzene (2.06), 1,2,4-TMB (3.07), 1,3,5-TMB (0.890), and Xylene (10.74) at 8 ft bgs

G-4-1: Lead (41) and Benzene (0.232) at 3.5 ft bgs

G-4-2: Benzene (8.6), Ethylbenzene (11.9), Naphthalene (5.4), 1,2,4-TMB (28.5), 1,3,5-TMB (10.1), and Xylene (52.9) at 8 ft bgs

G-5-2: Naphthalene (2.85), 1,2,4-TMB (2.73), and 1,3,5-TMB (2.06) at 6 ft bgs

G-6-1: Benzene (22.8), Ethylbenzene (129), Naphthalene (32), Toluene (2.54), 1,2,4-TMB (430), 1,3,5-TMB (127), Xylene (482.1), and 1-Methylnaphthalene (32) at 3.5 ft bgs

G-6-2: Benzene (2.13), Ethylbenzene (5.6), Naphthalene (8.8), Toluene (1.32), 1,2,4-TMB (19.5), 1,3,5-TMB (7), and Xylene (25) at 8 ft bgs

G-14-2: Benzene (0.320), Ethylbenzene (2.2), Naphthalene (9.8), 1,2,4-TMB (22), and 1,3,5-TMB (0.790) at 6 ft bgs

G-19-1: Lead (65.40), Benzene (0.048), Benzo(a)anthracene (0.680), Benzo(a)pyrene (0.470), Benzo(b)fluoranthene (0.550), Chrysene (0.520), Dibenzo(a,h)anthracene (0.074), and Indeno(1,2,3-cd)pyrene (0.261) at 3.5 ft bgs

MW-1-1: Lead (28.90), Benzene (9.5), Ethylbenzene (22.4), Naphthalene (41), Toluene (5.0), 1,2,4-TMB (111), 1,3,5-TMB (52), Xylene (112), Fluorene (20.3), and 1-Methylnaphthalene (123) at 3.5 ft bgs

MW-1-2: Benzene (6.3), Ethylbenzene (11.9), Naphthalene (17.6), Toluene (3.4), 1,2,4-TMB (25.5), 1,3,5-TMB (10.9), Xylene (53.5), and 1-Methylnaphthalene (20.5) at 8 ft bgs

HS-1: Benzo(a)anthracene (0.204), Benzo(a)pyrene (0.213), Benzo(b)fluoranthene (0.35), Chrysene (0.233), Dibenzo(a,h)anthracene (0.035), and Indeno(1,2,3-cd)pyrene (0.159) at 1 ft bgs

HS-2: Benzo(a)anthracene (0.89), Benzo(a)pyrene (0.89), Benzo(b)fluoranthene (1.27), Chrysene (0.91), Dibenzo(a,h)anthracene (0.143), and Indeno(1,2,3-cd)pyrene (0.56) at 1 ft bgs

HS-5: Benzo(a)pyrene (0.094) at 1 ft bgs

HS-6: Benzo(a)pyrene (0.211), Benzo(b)fluoranthene (0.296), Chrysene (0.229), and Dibenzo(a,h)anthracene (0.038), at 1 ft bgs

HS-7: Benzene (2.18), Naphthalene (2.2), 1,2,4-TMB (7.5), 1,3,5-TMB (7.4), Xylene (4.59), and Benzo(a)pyrene (0.0198) at 1 ft bgs

HS-8: Benzene (0.68) and Benzo(a)pyrene (0.064) at 1 ft bgs

HS-9: Benzo(a)anthracene (0.163), Benzo(a)pyrene (0.123), Benzo(b)fluoranthene (0.202), and Dibenzo(a,h)anthracene (0.0247) at 1 ft bgs

HS-10: Benzene (1.84), Naphthalene (8.2), Toluene (1.21), 1,2,4-TMB (82), 1,3,5-TMB (33), Xylene (36.2), Benzo(a)anthracene (0.39), Benzo(a)pyrene (0.166), Benzo(b)fluoranthene (0.286), Chrysene (0.299), and 1-Methylnaphthalene (16.7) at 1 ft bgs

- H. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.  
Residual soil and groundwater contamination will be addressed via a Cap Maintenance Plan and natural attenuation.
- I. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration (e.g., stable or receding groundwater plume).  
Down-gradient monitoring well MW-4 shows an NR140 PAL exceedence for MTBE but appears to be decreasing. Source area monitoring well MW-1 shows NR140 ES exceedences for Benzene, Naphthalene, and Trimethylbenzenes and contaminant levels appear to be unstable to possibly increasing, however this may be due to the fluctuating water table elevation. Based on down-gradient groundwater contaminant levels and that the plume has been defined to a practical extent, natural attenuation appears to be limiting expansion of the groundwater plume.
- J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).  
Remaining exposure pathways will be addressed via a Cap Maintenance Plan and natural attenuation.
- K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.  
No system hardware is anticipated to be left in place after site closure.
- L. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.  
Monitoring wells which currently exceed the NR140 ES and/or PAL for petroleum compounds include:  
MW-1: Benzene, Ethylbenzene, Naphthalene, Toluene, Trimethylbenzenes, and Xylene  
MW-4: MTBE
- M. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.  
No vapor samples were collected during the investigation.
- N. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.  
No surface water or sediment samples were collected.



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

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

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

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

**6. Underground Storage Tanks**

- A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action?  Yes  No
- B. Do any upgraded tanks meeting the requirements of ch. ATCP 93, Wis. Adm. Code, exist on the property?  Yes  No
- C. If the answer to question 6.B. is yes, is the leak detection system currently being monitored?  Yes  No

## General Instructions

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

## Data Tables (Attachment A)

### Directions for Data Tables:

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

### A. Data Tables

- A.1. **Groundwater Analytical Table(s):** Table(s) showing the analytical results and collection dates for all groundwater sampling points (e.g., monitoring wells, temporary wells, sumps, extraction wells, potable wells) for which samples have been collected.
- A.2. **Soil Analytical Results Table(s):** Table(s) showing **all** soil analytical results and collection dates. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated).
- A.3. **Residual Soil Contamination Table(s):** Table(s) showing the analytical results of only the residual soil contamination at the time of closure. This table shall be a subset of table A.2 and should include only the soil sample locations that exceed an RCL. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated). Table A.3 is optional only if a total of fewer than 15 soil samples have been collected at the site.
- A.4. **Vapor Analytical Table(s):** Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.
- A.5. **Other Media of Concern (e.g., sediment or surface water):** Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, and time period for sample collection.
- A.6. **Water Level Elevations:** Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.
- A.7. **Other:** This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

## Maps, Figures and Photos (Attachment B)

### Directions for Maps, Figures and Photos:

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

### B.1. Location Maps

- B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a United States Geological Survey (U.S.G.S.) topographic map or plat map in sufficient detail to permit easy location of all affected and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.
- B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for all affected properties, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination attaining or exceeding a ch. NR 140 ES, and/or in relation to the boundaries of soil contamination attaining or exceeding a RCL. Provide parcel identification numbers for all affected properties.
- B.1.c. **RR Sites Map:** From RR Sites Map ([http://dnrmaps.wi.gov/sl/?Viewer=RR Sites](http://dnrmaps.wi.gov/sl/?Viewer=RR%20Sites)) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

**B.2. Soil Figures**

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

**B.3. Groundwater Figures**

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

**B.4. Vapor Maps and Other Media**

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

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

**Documentation of Remedial Action (Attachment C)**

**Directions for Documentation of Remedial Action:**

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

**Maintenance Plan(s) and Photographs (Attachment D)**

**Directions for Maintenance Plans and Photographs:**

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

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

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

#### Monitoring Well Information (Attachment E)

##### Directions for Monitoring Well Information:

For all wells that will remain in use, be transferred to another party, or that could not be located; attach monitoring well construction and development forms (DNR Form 4400-113 A and B: [http://dnr.wi.gov/topic/groundwater/documents/forms/4400\\_113\\_1\\_2.pdf](http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf))

##### Select One:

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

#### Source Legal Documents (Attachment F)

##### Directions for Source Legal Documents:

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

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

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

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

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

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

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

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



Signatures and Findings for Closure Determination

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

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

[X] 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

Hydrogeologist Certification

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

Ronald J Anderson Senior Hydrogeologist/Project Manager  
\_\_\_\_\_  
Printed Name Title

 2/6/17  
\_\_\_\_\_  
Signature Date

## **Attachment A/Data Tables**

**A.1 Groundwater Analytical Table(s)**

**A.2 Soil Analytical Results Table(s)**

**A.3 Residual Soil Contamination Table(s)**

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

A.5 Other Media of Concern (e.g., sediment or surface water) – No surface waters or sediments were assessed as part of the site investigation.

**A.6 Water Level Elevations**

**A.7 Other – Natural Attenuation data  
- Free Product Recovery**



**A.1 Groundwater Analytical Table  
(Geoprobe)  
Nicolet Trails Campground BRRS#03-43-560923**

Sample ID	Date	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
G-1-W	04/15/14	1.77	<0.82	<0.37	<1.2	<0.8	2.8-3.66	3.91
G-2-W	04/15/14	0.35	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
G-3-W	04/15/14	4.3	109	<0.37	24.1	5.1	22.6	59-59.81
G-4-W	04/15/14	126	136	<3.7	66	<8	491	685.9
G-5-W	04/15/14	1.94	<0.82	<0.37	3.8	1.19	23-23.86	19.2-20.01
G-6-W	04/15/14	2230	1340	17.6	610	141	2020	5130
G-7-W	04/15/14	112	34	4.2	44	2.8	37.7	40.4
G-8-W	04/15/14	<0.27	<0.82	<0.37	<1.2	19.5	1.32-2.18	1.79-2.6
G-9-W	04/15/14	2.79	<0.55	<0.23	<1.7	<0.69	<3.6	0.83-1.46
G-10-W	04/15/14	<0.24	<0.55	<0.23	<1.7	1.25	<3.6	<1.32
G-12-W	04/15/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-13-W	04/15/14	21.6	<0.55	0.52	<1.7	<0.69	<3.6	<1.32
G-14-W	04/15/14	26.5	58	<0.23	38	0.91	168-169.4	57.74
G-15-W	04/15/14	4.5	1.23	0.79	3.9	1.54	26.3	2.93
G-16-W	04/15/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-17-W	04/15/14	<0.24	<0.55	2.66	<1.7	<0.69	<3.6	<1.32
G-18-W	04/16/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-19-W	04/16/14	<0.24	<0.55	<0.23	<1.7	2.49	<3.6	1.04-1.67
G-20-W	04/16/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-21-W	04/16/14	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
G-22-W	04/16/14	3.4	<4.1	12.5	<6	<4	<8.45	<12.05
G-23-W	04/16/14	1.17	<0.82	10.3	<1.2	4	<1.69	<2.41
<b>ENFORCE MENT STANDARD ES = Bold</b>		5	700	60	100	800	480	2000
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>		0.5	140	12	10	160	96	400

NS = Not Sampled

(ppb) = parts per billion

**A.1 Groundwater Analytical Table**  
**Nicolet Trails Campground BRRTS# 03-43-560923**

**Well MW-1**

PVC Elevation = 799.6 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/26/15	789.01	10.59	<0.7	194	22.5	<1.1	6.1	21.5	56.3	286
05/26/15	789.29	10.31	NS	229	42	<2.45	<13	21.3	38.6	118.4
08/31/15	788.02	11.58	NS	1670	360	<4.9	131	590	574	1370
02/29/16	789.31	10.29	NS	910	330	<4.9	153	175	635	945
05/26/16	789.26	10.34	NS	540	238	<11	149	89	589	700
08/24/16	787.44	12.16	NS	660	370	<4.9	223	239	809	1363
<b>ENFORCEMENT STANDARD ES = Bold</b>			<b>15</b>	<b>5</b>	<b>700</b>	<b>60</b>	<b>100</b>	<b>800</b>	<b>480</b>	<b>2000</b>
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

**Well MW-2**

PVC Elevation = 798.97 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/26/15	787.92	11.05	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
05/26/15	788.02	10.95	NS	<0.46	<0.73	<0.49	<2.6	0.62	<1.51	<2.06
08/31/15	787.32	11.65	NS	<0.46	<0.73	0.84	<2.6	<0.39	<1.51	<2.06
02/29/16	788.01	10.96	NOT SAMPLED							
05/26/16	788.18	10.79	NOT SAMPLED							
08/24/16	787.73	11.24	NS	<0.46	<0.73	<0.49	<2.6	0.48	<1.51	<2.06
<b>ENFORCEMENT STANDARD ES = Bold</b>			<b>15</b>	<b>5</b>	<b>700</b>	<b>60</b>	<b>100</b>	<b>800</b>	<b>480</b>	<b>2000</b>
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

**Well MW-3**

PVC Elevation = 796.54 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/26/15	786.73	9.81	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
05/26/15	786.65	9.89	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
08/31/15	786.25	10.29	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
02/29/16	786.75	9.79	NOT SAMPLED							
05/26/16	786.93	9.61	NOT SAMPLED							
08/24/16	786.57	9.97	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
<b>ENFORCEMENT STANDARD ES = Bold</b>			<b>15</b>	<b>5</b>	<b>700</b>	<b>60</b>	<b>100</b>	<b>800</b>	<b>480</b>	<b>2000</b>
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			<i>1.5</i>	<i>0.5</i>	<i>140</i>	<i>12</i>	<i>10</i>	<i>160</i>	<i>96</i>	<i>400</i>

(ppb) = parts per billion (ppm) = parts per million  
 ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

**A.1 Groundwater Analytical Table**  
**Nicolet Trails Campground BRRS# 03-43-560923**

**Well MW-4**

**PVC Elevation = 798.36 (feet) (MSL)**

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/26/15	786.79	11.57	<0.7	<0.44	<0.71	37	<1.6	<0.44	<3.1	<3.1
05/26/15	786.89	11.47	NS	<0.46	<0.73	25.3	<2.6	<0.39	<1.51	<2.06
08/31/15	785.97	12.39	NS	<0.46	<0.73	28.4	<2.6	<0.39	<1.51	<2.06
02/29/16	787.03	11.33	NS	<0.46	<0.73	27.5	<2.6	<0.39	<1.51	<2.06
05/26/16	787.18	11.18	NS	1.26	<0.71	25.5	<1.6	<0.44	<3.1	<3.1
08/24/16	786.45	11.91	NS	<0.46	<0.73	21	<2.6	<0.39	<1.51	<2.06
<b>ENFORCEMENT STANDARD ES = Bold</b>			<b>15</b>	<b>5</b>	<b>700</b>	<b>60</b>	<b>100</b>	<b>800</b>	<b>480</b>	<b>2000</b>
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			<b>1.5</b>	<b>0.5</b>	<b>140</b>	<b>12</b>	<b>10</b>	<b>160</b>	<b>96</b>	<b>400</b>

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

**Well MW-5**

**PVC Elevation = 797.52 (feet) (MSL)**

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/26/15	790.38	7.14	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
05/26/15	790.65	6.87	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
08/31/15	788.15	9.37	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
02/29/16	791.04	6.48	NOT SAMPLED							
05/26/16	790.90	6.62	NOT SAMPLED							
08/24/16	788.64	8.88	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
<b>ENFORCEMENT STANDARD ES = Bold</b>			<b>15</b>	<b>5</b>	<b>700</b>	<b>60</b>	<b>100</b>	<b>800</b>	<b>480</b>	<b>2000</b>
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			<b>1.5</b>	<b>0.5</b>	<b>140</b>	<b>12</b>	<b>10</b>	<b>160</b>	<b>96</b>	<b>400</b>

(ppb) = parts per billion (ppm) = parts per million

ns = not sampled nm = not measured

Note: Elevations are presented in feet mean sea level (msl).

**Well MW-6**

**PVC Elevation = 798.79 (feet) (MSL)**

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/26/15	790.21	8.58	<0.7	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
05/26/15	790.58	8.21	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
08/31/15	789.04	9.75	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
02/29/16	791.05	7.74	NOT SAMPLED							
05/26/16	790.87	7.92	NOT SAMPLED							
08/24/16	790.14	8.65	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
<b>ENFORCEMENT STANDARD ES = Bold</b>			<b>15</b>	<b>5</b>	<b>700</b>	<b>60</b>	<b>100</b>	<b>800</b>	<b>480</b>	<b>2000</b>
<b>PREVENTIVE ACTION LIMIT PAL = Italics</b>			<b>1.5</b>	<b>0.5</b>	<b>140</b>	<b>12</b>	<b>10</b>	<b>160</b>	<b>96</b>	<b>400</b>

(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  
 Nicolet Trails Campground BRRS# 03-43-560923

Well Sampling Conducted on: 01/26/15 01/26/15 01/26/15 01/26/15 01/26/15 01/26/15

VOC's

Well Name	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Lead, dissolved/ppb	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Benzene/ppb	194	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44
Bromobenzene/ppb	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
Bromodichloromethane/ppb	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46
Bromoform/ppb	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46
tert-Butylbenzene/ppb	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
sec-Butylbenzene/ppb	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
n-Butylbenzene/ppb	1.52 "J"	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride/ppb	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65
Chlorobenzene/ppb	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46
Chloroethane/ppb	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65
Chloroform/ppb	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43
Chloromethane/ppb	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9
2-Chlorotoluene/ppb	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
4-Chlorotoluene/ppb	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63
1,2-Dibromo-3-chloropropane/ppb	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Dibromochloromethane/ppb	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
1,4-Dichlorobenzene/ppb	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
1,3-Dichlorobenzene/ppb	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52
1,2-Dichlorobenzene/ppb	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46
Dichlorodifluoromethane/ppb	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87
1,2-Dichloroethane/ppb	17.3	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54
1,1-Dichloroethane/ppb	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
1,1-Dichloroethene/ppb	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65
cis-1,2-Dichloroethene/ppb	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45
trans-1,2-Dichloroethene/ppb	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54
1,2-Dichloropropane/ppb	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43
2,2-Dichloropropane/ppb	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
1,3-Dichloropropane/ppb	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
Di-isopropyl ether/ppb	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44
EDB (1,2-Dibromoethane)/ppb	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63
Ethylbenzene/ppb	22.5	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71
Hexachlorobutadiene/ppb	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Isopropylbenzene/ppb	1.45 "J"	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82
p-Isopropyltoluene/ppb	1.65 "J"	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Methylene chloride/ppb	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Methyl tert-butyl ether (MTBE)/ppb	< 1.1	< 1.1	< 1.1	37	< 1.1	< 1.1
Naphthalene/ppb	6.1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
n-Propylbenzene/ppb	2.44	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77
1,1,2,2-Tetrachloroethane/ppb	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52
1,1,1,2-Tetrachloroethane/ppb	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
Tetrachloroethene (PCE)/ppb	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74
Toluene/ppb	21.5	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44
1,2,4-Trichlorobenzene/ppb	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
1,2,3-Trichlorobenzene/ppb	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7
1,1,1-Trichloroethane/ppb	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84
1,1,2-Trichloroethane/ppb	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48
Trichloroethene (TCE)/ppb	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47
Trichlorofluoromethane/ppb	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87
1,2,4-Trimethylbenzene/ppb	39	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
1,3,5-Trimethylbenzene/ppb	17.3	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Vinyl Chloride/ppb	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
m&p-Xylene/ppb	194	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
o-Xylene/ppb	92	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

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

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





A.2. Soil Analytical Results Table  
 Nicolet Trails Campground BRRTS# 03-43-560923

Sampling Conducted on April 15 & 16, 2014

DATE: 07/12/13 07/12/13 04/15/14

VOC's				<b>Bold = Groundwater RCL</b>	<u>Underline &amp; Bold = Direct Contact RCL</u>	<b>Asteric * &amp; Bold =Soil Saturation (C-sat) RCL</b>
Sample ID#	<b>S-1</b>	<b>S-2</b>	<b>G-3-2</b>			
Sample Depth/ft.	5	4	8			
Solids Percent			91.7			
Lead/ppm	NS	NS	3.01	27	400	==
Gasoline Range Organics/ppm	162	3810	70	==	==	==
Benzene/ppm	<.025	<b>1.070</b>	<b>0.9</b>	0.00512	1.49	1820
Bromobenzene/ppm	<.025	<0.100	< 0.013	==	354	==
Bromodichloromethane/ppm	<.025	<0.100	< 0.027	0.000326	0.39	==
Bromoform/ppm	<.025	<0.100	< 0.030	0.00233	61.6	==
tert-Butylbenzene/ppm	<.025	<0.100	< 0.020	==	183	183
sec-Butylbenzene/ppm	89.6	3.14	0.057 "J"	==	145	145
n-Butylbenzene/ppm	<.025	<0.100	0.220	==	108	108
Carbon Tetrachloride/ppm	<.025	<0.100	< 0.025	0.00388	0.85	==
Chlorobenzene/ppm	<.025	<0.100	< 0.016	==	392	==
Chloroethane/ppm	<.025	<0.100	< 0.042	0.227	==	==
Chloroform/ppm	<b>.0362"J"</b>	<0.100	< 0.049	0.0033	0.42	==
Chloromethane/ppm	<.025	<0.100	< 0.181	0.0155	171	==
2-Chlorotoluene/ppm	<.025	<0.100	< 0.016	==	==	==
4-Chlorotoluene/ppm	<.025	<0.100	< 0.014	==	==	==
1,2-Dibromo-3-chloropropane/ppm	<.0498	<0.199	< 0.048	0.000173	0.01	==
Dibromochloromethane/ppm	<.025	<0.100	< 0.014	0.032	0.93	==
1,4-Dichlorobenzene/ppm	<.025	<0.100	< 0.033	0.144	3.48	==
1,3-Dichlorobenzene/ppm	<.025	<0.100	< 0.030	1.15	297	297
1,2-Dichlorobenzene/ppm	<.025	<0.100	< 0.038	1.17	376	376
Dichlorodifluoromethane/ppm	<.025	<0.100	< 0.057	3.08	135	==
1,2-Dichloroethane (DCA)/ppm	<.025	<0.100	< 0.036	0.00284	0.61	540
1,1-Dichloroethane/ppm	<.025	<0.100	< 0.019	0.484	4.72	==
1,1-Dichloroethene/ppm	<.025	<0.100	< 0.021	0.00502	342	==
cis-1,2-Dichloroethene/ppm	<.025	<0.100	< 0.024	0.0412	156	==
trans-1,2-Dichloroethene/ppm	<.025	<0.100	< 0.029	0.0588	211	==
1,2-Dichloropropane/ppm	<.025	<0.100	< 0.0095	0.00332	1.33	==
2,2-Dichloropropane/ppm	<.025	<0.100	< 0.046	==	527	527
1,3-Dichloropropane/ppm	<.025	<0.100	< 0.021	==	1490	1490
Di-isopropyl ether/ppm	<.025	<0.100	<0.011	==	2260	2260
EDB (1,2-Dibromoethane)/ppm	<.025	<0.100	< 0.020	0.0000282	0.05	==
Ethylbenzene/ppm	0.142	<b>1.750</b>	<b>2.06</b>	1.57	7.47	480
Hexachlorobutadiene/ppm	<.025	<0.100	< 0.095	==	6.23	==
Isopropylbenzene/ppm	.0483"J"	0.968	0.123	==	==	==
p-Isopropyltoluene/ppm	0.086	3.13	< 0.031	==	162	162
Methylene chloride/ppm	<.025	<0.100	< 0.057	0.00256	60.7	==
Methyl tert-butyl ether (MTBE)/ppm	<.025	<0.100	< 0.030	0.027	59.4	8870
Naphthalene/ppm	0.337	<b>13.9</b>	0.620	0.659	5.15	==
n-Propylbenzene/ppm	0.109	1.78	0.420	==	==	==
1,1,2,2-Tetrachloroethane/ppm	<.025	<0.100	< 0.012	0.000156	0.75	==
1,1,1,2-Tetrachloroethane/ppm	<.025	<0.100	< 0.023	0.0533	2.59	==
Tetrachloroethene (PCE)/ppm	<.025	<0.100	< 0.049	0.00454	30.7	==
Toluene/ppm	0.156	0.645	0.316	1.11	818	818
1,2,4-Trichlorobenzene/ppm	<.025	<0.100	< 0.079	0.408	22.1	==
1,2,3-Trichlorobenzene/ppm	<.025	<0.100	< 0.129	==	48.9	==
1,1,1-Trichloroethane/ppm	<.025	<0.100	< 0.038	0.14	==	==
1,1,2-Trichloroethane/ppm	<.025	<0.100	< 0.023	0.00324	1.48	==
Trichloroethene (TCE)/ppm	<.025	<0.100	< 0.028	0.00358	0.64	==
Trichlorofluoromethane/ppm	<.025	<0.100	< 0.086	==	1120	==
1,2,4-Trimethylbenzene/ppm	0.866	<b>26.8</b>	<b>3.07</b>	1.38	89.8	219
1,3,5-Trimethylbenzene/ppm	0.302	<b>9.98</b>	<b>0.890</b>	182	182	182
Vinyl Chloride/ppm	<.025	<0.100	< 0.021	0.000138	0.07	==
m&p-Xylene/ppm	0.422	<b>15.3</b>	<b>8.1</b>	3.94	258	258
o-Xylene/ppm	0.0709	<b>2.9</b>	<b>2.64</b>			

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

A.3 Residual Soil Contamination Table  
Nicolet Trails Campground BRRIS# 03-43-560923

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naphthalene (ppm)	Toluene (ppm)	1,2,4-Trime- thylbenzene (ppm)	1,3,5-Trime- thylbenzene (ppm)	Xylene (Total) (ppm)	DIRECT CONTACT PVOC & PAH COMBINED					
																Exceedance Count	Hazard Index	Cumulative Cancer Risk			
S-2	4.0	U	07/12/13	187	NS	3810	NS	<u>1.070</u>	<u>1.750</u>	<.1	<u>13.9</u>	0.645	26.8	9.98	18.2	1	5.19E-01	3.70E-06			
G-1-1	3.5	U	04/15/14	20	70.00	NS	NS	1.44	2.26	<0.025	0.760	0.930	23.3	6.5	17.9	1	4.88E-01	4.2E-06			
G-2-1	3.5	U	04/15/14	30	2.71	NS	NS	0.069	0.084	<0.025	0.066	0.139	0.640	0.610	0.591	4	1.78E-02	2.1E-05			
G-2-2	8.0	U	04/15/14	110	NS	NS	NS	0.069	0.093	<0.025	0.232	0.100	1.42	0.500	1.5						
G-3-1	3.5	U	04/15/14	685	6.97	NS	NS	<u>2.58</u>	<u>2.34</u>	<0.025	<u>10.1</u>	0.550	11.7	4.5	15.66	2	3.33E-01	4.8E-06			
G-3-2	8.0	U	04/15/14	800	3.01	NS	70	<u>0.900</u>	<u>2.06</u>	<0.030	0.620	0.316	3.07	0.890	10.74						
G-3-3	12.0	S	04/15/14	450	NS	NS	NS	3	9.8	<0.025	4.8	1.07	22.4	8.6	37.98						
G-4-1	3.5	U	04/15/14	2	<u>41.00</u>	NS	NS	<u>0.232</u>	0.101	<0.025	0.0301	0.042	0.380	0.286	0.493	0	1.10E-01	6.0E-07			
G-4-2	8.0	U	04/15/14	1520	NS	NS	NS	8.6	11.9	<0.025	5.4	0.550	28.5	10.1	52.9						
G-5-2	6.0	U	04/15/14	35	NS	NS	NS	<0.250	<0.250	<0.250	2.85	<0.250	2.73	2.06	0.430-0.930						
G-6-1	3.5	U	04/15/14	460	8.59	NS	NS	<u>22.8</u>	<u>129</u>	<0.250	32	2.54	430*	127	482.1*	6	6.16E+00	4.1E-05			
G-6-2	8.0	U	04/15/14	250	NS	NS	NS	2.13	5.6	<0.025	8.8	1.32	19.5	7	25						
G-6-3	12.0	S	04/15/14	90	NS	NS	NS	0.670	3.5	<0.025	5.4	0.117	11.4	4.1	13.45						
G-14-2	6.0	U	04/15/14	25	NS	NS	NS	0.320	2.2	<0.025	9.8	0.094	22	0.790	2.99						
G-19-1	3.5	U	04/16/14	5	<u>65.40</u>	NS	NS	<u>0.048</u>	0.173	<0.025	0.070	0.064	0.850	0.630	0.423	5	1.78E-01	4.7E-05			
MW-1-1	3.5	U	12/30/14	105	<u>28.90</u>	NS	NS	9.5	22.4	<1.25	41	5	111	52	112	5	2.61E+00	2.5E-05			
MW-1-2	8.0	U	12/30/14	530	3.79	2550	NS	6.3	11.9	<0.25	17.6	3.4	25.5	10.9	53.5						
HS-1	1.0	U	05/26/15	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.0203	<0.025	<0.025	<0.025	<0.075	5	5.67E-04	2.2E-05			
HS-2	1.0	U	05/26/15	NM	NS	NS	NS	<0.025	<0.025	<0.025	0.0216	0.040	<0.025	<0.025	0.051-0.076	5	2.34E-03	8.9E-05			
HS-5	1.0	U	05/26/15	NM	NS	NS	NS	<0.025	<0.025	<0.025	0.0249	<0.025	<0.025	<0.025	<0.075	1	5.40E-04	7.7E-06			
HS-6	1.0	U	05/26/15	NM	NS	NS	NS	<0.025	<0.025	<0.025	0.175	<0.025	<0.025	0.036	0.082-0.107	3	4.48E-03	2.1E-05			
HS-7	1.0	U	05/26/15	NM	NS	NS	NS	<u>2.18</u>	0.72	<0.25	2.2	0.63	7.5	7.4	4.59	2	1.43E-01	4.8E-06			
HS-8	1.0	U	05/26/15	NM	NS	NS	NS	<u>0.68</u>	0.36	<0.025	0.0225	0.164	0.247	0.11	1.222	1	1.09E-02	6.5E-06			
HS-9	1.0	U	05/26/15	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.0203	0.065	0.041	<0.025	0.138	4	9.42E-04	1.3E-05			
HS-10	1.0	U	05/26/15	NM	NS	NS	NS	<u>1.84</u>	0.94	<0.25	8.2	1.21	82	33	36.2	6	1.17E+00	2.0E-05			
<b>Groundwater RCL</b>									<b><u>27</u></b>	-	-	<b>0.00512</b>	1.57	<b>0.027</b>	<b>0.659</b>	1.11	1.38	3.94			
<b>Non-Industrial Direct Contact RCL</b>									<b>400</b>	-	-	<b>1.49</b>	<b>7.47</b>	<b>59.4</b>	<b>5.15</b>	<b>818</b>	<b>89.8</b>	<b>182</b>	<b>258</b>	<b>1.00E+00</b>	<b>1.00E-05</b>
<b>Soil Saturation Concentration (C-sat)*</b>									<b>-</b>	<b>-</b>	<b>-</b>	<b>1820*</b>	<b>480*</b>	<b>8870*</b>	<b>-</b>	<b>818*</b>	<b>219*</b>	<b>182*</b>	<b>258*</b>		

**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



A.3 Residual Soil Contamination Table  
(PAH)  
Nicolet Trails Campground BRTS# 03-43-560923

Sample	Depth (feet)	Saturation U/S	Date	Acenaph-thene (ppm)	Acenaph-thylene (ppm)	Anthracene (ppm)	Benzo(a)anthracene (ppm)	Benzo(a)pyrene (ppm)	Benzo(b)fluoranthene (ppm)	Benzo(g,h,i)perylene (ppm)	Benzo(k)fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h)anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd)pyrene (ppm)	1-Methyl-naphthalene (ppm)	2-Methyl-naphthalene (ppm)	Naphthalene (ppm)	Phenan-threne (ppm)	Pyrene (ppm)	DIRECT CONTACT PVOC & PAH COMBINED			
																						Exceedance Count	Hazard Index	Cumulative Cancer Risk	
G-1-1	3.5	U	04/15/14	0.296	0.099	0.099	0.044	<b>0.0314</b>	0.043	0.034	0.0207	0.082	<0.0224	0.147	0.710	<0.0244	1.56	1.38	<b>0.760</b>	1.24	0.490	<b>1</b>	4.88E-01	4.2E-06	
G-2-1	3.5	U	04/15/14	0.145	0.057	0.084	<b>0.222</b>	<b>0.204</b>	<b>0.275</b>	0.164	0.119	<b>0.221</b>	<b>0.037</b>	0.410	0.350	0.135	0.460	0.156	0.066	0.590	0.480	<b>4</b>	1.78E-02	2.1E-05	
G-2-2	8.0	U	04/15/14	<0.0211	<0.0195	<0.0185	<0.0184	<0.019	<0.018	<0.023	<0.0206	<0.0185	<0.0224	<0.0181	<0.020	<0.0244	0.122	0.147	0.232	<0.0247	<0.020				
G-3-1	3.5	U	04/15/14	1.74	0.490	1.15	<0.092	<0.095	<0.090	<0.115	<0.103	<b>0.153</b>	<0.112	0.320	3.16	<0.122	12.7	17.9	<b>10.1</b>	5.3	1.09	<b>2</b>	3.33E-01	4.8E-06	
G-3-2	8.0	U	04/15/14	<0.0211	<0.0195	<0.0185	<0.0184	<0.019	<0.018	<0.023	<0.0206	<0.0185	<0.0224	<0.0181	0.034	<0.0244	0.390	0.660	0.540	0.080	<0.020				
G-3-3	12.0	S	04/15/14	0.207	0.101	0.088	<0.0368	<0.038	<0.036	<0.046	<0.0412	<0.037	<0.0448	0.040	0.400	<0.0488	4.6	8.4	<b>4.8</b>	0.950	0.108				
G-4-1	3.5	U	04/15/14	<0.0211	<0.0195	<0.0185	0.0267	<0.019	0.035	<0.023	<0.0206	0.0289	<0.0224	0.043	<0.020	<0.0244	0.039	0.044	0.0301	0.032	0.040	0	1.10E-01	6.0E-07	
G-4-2	8.0	U	04/15/14	<0.0211	<0.0195	<0.0185	<0.0184	<0.019	<0.018	<0.023	<0.0206	<0.0185	<0.0224	<0.0181	<0.020	<0.0244	3.11	6.7	<b>5.4</b>	<0.0247	<0.020				
G-6-1	3.5	U	04/15/14	0.630	0.380	<0.185	<0.184	<0.190	<0.180	<0.230	<0.206	<0.185	<0.224	<0.181	1.36	<0.244	<b>32</b>	53	<b>32</b>	1.85	<0.200	<b>6</b>	6.16E+00	4.1E-05	
G-19-1	3.5	U	04/16/14	0.320	0.091	0.380	<b>0.680</b>	<b>0.470</b>	<b>0.550</b>	0.360	0.218	<b>0.520</b>	<b>0.074</b>	1.49	0.400	<b>0.261</b>	0.910	0.173	0.070	1.62	1.85	<b>5</b>	1.78E-01	4.7E-05	
MW-1-1	3.5	U	12/30/14	11.7	3.5	7.8	<0.92	<0.95	<0.95	<1.15	<1.03	<0.925	<1.12	1.17	<b>20.3</b>	<1.22	<b>123</b>	172	<b>41</b>	44	4.9	<b>5</b>	2.61E+00	2.5E-05	
MW-1-2	8.0	U	12/30/14	0.58	0.233	0.53	<0.184	<0.19	<0.19	<0.23	<0.206	<0.185	<0.224	<0.181	1.21	<0.244	<b>20.5</b>	32	<b>17.6</b>	2.1	<0.2				
HS-1	1.0	U	05/26/15	<0.0201	0.0284	0.055	<b>0.204</b>	<b>0.213</b>	<b>0.35</b>	0.202	0.142	<b>0.233</b>	<b>0.035</b>	0.50	<0.0184	<b>0.159</b>	0.0214	0.0232	<0.0203	0.20	0.41	<b>5</b>	5.67E-04	2.2E-05	
HS-2	1.0	U	05/26/15	0.063	0.041	0.253	<b>0.89</b>	<b>0.89</b>	<b>1.27</b>	0.68	0.39	<b>0.91</b>	<b>0.143</b>	2.01	0.089	<b>0.56</b>	0.0271	0.039	0.0216	1.25	1.78	<b>5</b>	2.34E-03	8.9E-05	
HS-5	1.0	U	05/26/15	<0.0201	0.0235	<0.0171	0.095	<b>0.094</b>	0.137	0.071	0.06	0.10	<0.0201	0.154	0.0303	0.057	0.051	0.040	0.0249	0.081	0.23	<b>1</b>	5.40E-04	7.7E-06	
HS-6	1.0	U	05/26/15	0.38	0.186	0.33	0.141	<b>0.211</b>	<b>0.296</b>	0.181	0.11	<b>0.229</b>	<b>0.038</b>	0.267	0.42	0.133	1.01	0.47	0.175	0.55	1.16	<b>3</b>	4.48E-03	2.1E-05	
HS-7	1.0	U	05/26/15	2.55	0.66	0.95	0.039	<b>0.0198</b>	0.055	0.0239	<0.0174	0.044	<0.0201	0.133	2.53	0.0204	10.8	2.03	<b>2.2</b>	7.0	0.259	<b>2</b>	1.43E-01	4.8E-06	
HS-8	1.0	U	05/26/15	<0.0201	0.035	0.0296	0.067	<b>0.064</b>	0.117	0.066	0.044	0.061	<0.0201	0.077	<0.0184	0.050	0.039	0.038	0.0225	0.062	0.076	<b>1</b>	1.09E-02	6.5E-06	
HS-9	1.0	U	05/26/15	<0.0201	0.0218	0.048	<b>0.163</b>	<b>0.123</b>	<b>0.202</b>	0.096	0.081	0.133	<b>0.0247</b>	0.245	<0.0184	0.079	<0.0205	0.0224	<0.0203	0.089	0.19	<b>4</b>	9.42E-04	1.3E-05	
HS-10	1.0	U	05/26/15	0.82	0.35	0.57	<b>0.39</b>	<b>0.166</b>	<b>0.286</b>	<0.2	<0.174	<b>0.299</b>	<0.0201	0.64	1.4	<0.0165	<b>16.7</b>	24	<b>8.2</b>	2.77	0.95	<b>6</b>	1.17E+00	2.0E-05	
<b>Groundwater RCL</b>				---	---	<b>197</b>	---	<b>0.47</b>	<b>0.48</b>	---	---	<b>0.145</b>	---	<b>88.8</b>	<b>14.8</b>	---	---	---	<b>0.659</b>	---	<b>54.5</b>				
<b>Non-Industrial Direct Contact RCL</b>				<b>3440</b>	---	<b>17200</b>	<b>0.148</b>	<b>0.0148</b>	<b>0.148</b>	---	<b>1.48</b>	<b>14.8</b>	<b>0.0148</b>	<b>2290</b>	<b>2290</b>	<b>0.148</b>	<b>15.6</b>	<b>229</b>	<b>5.15</b>	---	<b>1720</b>			<b>1.00E+00</b>	<b>1.00E-05</b>
<b>Soil Saturation Concentration (C-sat)*</b>				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				

**Bold = Groundwater RCL Exceedance**  
**Bold & Underline = Industrial Direct Contact RCL Exceedance**  
**Bold & Asteric \* = C-sat Exceedance**  
 NS = Not Sampled  
 (ppm) = parts per million  
 PAH = Polynuclear Aromatic Hydrocarbons  
 PID = Photoionization Detector  
 VOC's = Volatile Organic Compounds

A.3 Residual Soil Contamination Table  
 Nicolet Trails Campground BRRS# 03-43-560923

Sampling Conducted on April 15 & 16, 2014

DATE: 07/12/13 07/12/13 04/15/14

VOC's				<b>Bold = Groundwater RCL</b>	<u>Underline &amp; Bold = Direct Contact RCL</u>	<b>Asteric * &amp; Bold =Soil Saturation (C-sat) RCL</b>
Sample ID#	<b>S-1</b>	<b>S-2</b>	<b>G-3-2</b>			
Sample Depth/ft.	5	4	8			
Solids Percent			91.7			
Lead/ppm	NS	NS	3.01	27	400	==
Gasoline Range Organics/ppm	162	3810	70	==	==	==
Benzene/ppm	<.025	<b>1.070</b>	<b>0.9</b>	0.00512	1.49	1820
Bromobenzene/ppm	<.025	<0.100	< 0.013	==	354	==
Bromodichloromethane/ppm	<.025	<0.100	< 0.027	0.000326	0.39	==
Bromoform/ppm	<.025	<0.100	< 0.030	0.00233	61.6	==
tert-Butylbenzene/ppm	<.025	<0.100	< 0.020	==	183	183
sec-Butylbenzene/ppm	89.6	3.14	0.057 "J"	==	145	145
n-Butylbenzene/ppm	<.025	<0.100	0.220	==	108	108
Carbon Tetrachloride/ppm	<.025	<0.100	< 0.025	0.00388	0.85	==
Chlorobenzene/ppm	<.025	<0.100	< 0.016	==	392	==
Chloroethane/ppm	<.025	<0.100	< 0.042	0.227	==	==
Chloroform/ppm	.0362"J"	<0.100	< 0.049	0.0033	0.42	==
Chloromethane/ppm	<.025	<0.100	< 0.181	0.0155	171	==
2-Chlorotoluene/ppm	<.025	<0.100	< 0.016	==	==	==
4-Chlorotoluene/ppm	<.025	<0.100	< 0.014	==	==	==
1,2-Dibromo-3-chloropropane/ppm	<.0498	<0.199	< 0.048	0.000173	0.01	==
Dibromochloromethane/ppm	<.025	<0.100	< 0.014	0.032	0.93	==
1,4-Dichlorobenzene/ppm	<.025	<0.100	< 0.033	0.144	3.48	==
1,3-Dichlorobenzene/ppm	<.025	<0.100	< 0.030	1.15	297	297
1,2-Dichlorobenzene/ppm	<.025	<0.100	< 0.038	1.17	376	376
Dichlorodifluoromethane/ppm	<.025	<0.100	< 0.057	3.08	135	==
1,2-Dichloroethane (DCA)/ppm	<.025	<0.100	< 0.036	0.00284	0.61	540
1,1-Dichloroethane/ppm	<.025	<0.100	< 0.019	0.484	4.72	==
1,1-Dichloroethene/ppm	<.025	<0.100	< 0.021	0.00502	342	==
cis-1,2-Dichloroethene/ppm	<.025	<0.100	< 0.024	0.0412	156	==
trans-1,2-Dichloroethene/ppm	<.025	<0.100	< 0.029	0.0588	211	==
1,2-Dichloropropane/ppm	<.025	<0.100	< 0.0095	0.00332	1.33	==
2,2-Dichloropropane/ppm	<.025	<0.100	< 0.046	==	527	527
1,3-Dichloropropane/ppm	<.025	<0.100	< 0.021	==	1490	1490
Di-isopropyl ether/ppm	<.025	<0.100	<0.011	==	2260	2260
EDB (1,2-Dibromoethane)/ppm	<.025	<0.100	< 0.020	0.0000282	0.05	==
Ethylbenzene/ppm	0.142	<b>1.750</b>	<b>2.06</b>	1.57	7.47	480
Hexachlorobutadiene/ppm	<.025	<0.100	< 0.095	==	6.23	==
Isopropylbenzene/ppm	.0483"J"	0.968	0.123	==	==	==
p-Isopropyltoluene/ppm	0.086	3.13	< 0.031	==	162	162
Methylene chloride/ppm	<.025	<0.100	< 0.057	0.00256	60.7	==
Methyl tert-butyl ether (MTBE)/ppm	<.025	<0.100	< 0.030	0.027	59.4	8870
Naphthalene/ppm	0.337	<b>13.9</b>	0.620	0.659	5.15	==
n-Propylbenzene/ppm	0.109	1.78	0.420	==	==	==
1,1,2,2-Tetrachloroethane/ppm	<.025	<0.100	< 0.012	0.000156	0.75	==
1,1,1,2-Tetrachloroethane/ppm	<.025	<0.100	< 0.023	0.0533	2.59	==
Tetrachloroethene (PCE)/ppm	<.025	<0.100	< 0.049	0.00454	30.7	==
Toluene/ppm	0.156	0.645	0.316	1.11	818	818
1,2,4-Trichlorobenzene/ppm	<.025	<0.100	< 0.079	0.408	22.1	==
1,2,3-Trichlorobenzene/ppm	<.025	<0.100	< 0.129	==	48.9	==
1,1,1-Trichloroethane/ppm	<.025	<0.100	< 0.038	0.14	==	==
1,1,2-Trichloroethane/ppm	<.025	<0.100	< 0.023	0.00324	1.48	==
Trichloroethene (TCE)/ppm	<.025	<0.100	< 0.028	0.00358	0.64	==
Trichlorofluoromethane/ppm	<.025	<0.100	< 0.086	==	1120	==
1,2,4-Trimethylbenzene/ppm	0.866	<b>26.8</b>	<b>3.07</b>	1.38	89.8	219
1,3,5-Trimethylbenzene/ppm	0.302	<b>9.98</b>	<b>0.890</b>	==	182	182
Vinyl Chloride/ppm	<.025	<0.100	< 0.021	0.000138	0.07	==
m&p-Xylene/ppm	0.422	<b>15.3</b>	<b>8.1</b>	3.94	258	258
o-Xylene/ppm	0.0709	<b>2.9</b>	<b>2.64</b>			

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

**A.6 Water Level Elevations**  
**Nicolet Trails Campground BRRS# 03-43-560923**  
**Gillett, Wisconsin**

	<b>MW-1</b>	<b>MW-2</b>	<b>MW-3</b>	<b>MW-4</b>	<b>MW-5</b>	<b>MW-6</b>
<b>Ground Surface (feet msl)</b>	800.02	799.43	796.84	798.65	798.01	799.16
<b>PVC top (feet msl)</b>	799.60	798.97	796.54	798.36	797.52	798.79
<b>Well Depth (feet)</b>	15	16	15	15	16	15
<b>Top of screen (feet msl)</b>	795.02	793.43	791.84	793.65	792.01	794.16
<b>Bottom of screen (feet msl)</b>	785.02	783.43	781.84	783.65	782.01	784.16

**Depth to Water From Top of PVC (feet)**

<b>01/26/15</b>	10.59	11.05	9.81	11.57	7.14	8.58
<b>05/26/15</b>	10.31	10.95	9.89	11.47	6.87	8.21
<b>08/31/15</b>	11.58	11.65	10.29	12.39	9.37	9.75
<b>02/29/16</b>	10.29	10.96	9.79	11.33	6.48	7.74
<b>05/26/16</b>	10.34	10.79	9.61	11.18	6.62	7.92
<b>08/24/16</b>	12.16	11.24	9.97	11.91	8.88	8.65

**Depth to Water From Ground Surface (feet)**

<b>01/26/15</b>	11.01	11.51	10.11	11.86	7.63	8.95
<b>05/26/15</b>	10.73	11.41	10.19	11.76	7.36	8.58
<b>08/31/15</b>	12.00	12.11	10.59	12.68	9.86	10.12
<b>02/29/16</b>	10.71	11.42	10.09	11.62	6.97	8.11
<b>05/26/16</b>	10.76	11.25	9.91	11.47	7.11	8.29
<b>08/24/16</b>	12.58	11.70	10.27	12.20	9.37	9.02

**Groundwater Elevation (feet msl)**

<b>01/26/15</b>	789.01	787.92	786.73	786.79	790.38	790.21
<b>05/26/15</b>	789.29	788.02	786.65	786.89	790.65	790.58
<b>08/31/15</b>	788.02	787.32	786.25	785.97	788.15	789.04
<b>02/29/16</b>	789.31	788.01	786.75	787.03	791.04	791.05
<b>05/26/16</b>	789.26	788.18	786.93	787.18	790.90	790.87
<b>08/24/16</b>	787.44	787.73	786.57	786.45	788.64	790.14

**A.7 Other**  
**Groundwater NA Indicator Results**  
**Nicolet Trails Campground BRRS# 03-43-560923**

**Well MW-1**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/26/15	1.14	5.74	250	6.1	373	<0.15	92	<0.06	443
05/26/15	1.85	7.41	65	11.2	698	NS	NS	NS	NS
08/31/15	1.58	7.66	-31	15.9	1367	NS	NS	NS	NS
02/29/16	3.17	7.09	20	8.6	935	NS	NS	NS	NS
05/26/16	2.44	6.93	-150	10.6	1196	NS	NS	NS	NS
08/24/16	1.19	7.13	-150	15.1	NS	NS	NS	NS	NS
<b>ENFORCE MENT STANDARD = ES – Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

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

**Well MW-2**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/26/15	2.03	6.01	294	6.9	327	0.189	95.4	<0.06	156
05/26/15	2.71	7.94	-425	10.5	468	NS	NS	NS	NS
08/31/15	2.37	8.04	56	16.2	1027	NS	NS	NS	NS
02/29/16	NOT SAMPLED					NS	NS	NS	NS
05/26/16	5.81	7.28	221	9.8	357	NS	NS	NS	NS
08/24/16	1.33	7.24	194	14.2	NS	NS	NS	NS	NS
<b>ENFORCE MENT STANDARD = ES – Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

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

**Well MW-3**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/26/15	2.25	6.11	320	7.2	289	<0.15	85.3	<0.06	541
05/26/15	2.25	7.79	-192	10.1	575	NS	NS	NS	NS
08/31/15	2.14	8.09	-48	15.8	1261	NS	NS	NS	NS
02/29/16	NOT SAMPLED					NS	NS	NS	NS
05/26/16	7.05	7.26	213	9.8	829	NS	NS	NS	NS
08/24/16	1.21	7.4	22	15.6	NS	NS	NS	NS	NS
<b>ENFORCE MENT STANDARD = ES – Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

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

**A.7 Other**  
**Groundwater NA Indicator Results**  
**Nicolet Trails Campground BRRS# 03-43-560923**

**Well MW-4**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/26/15	2.12	6.24	309	6.5	488	<0.15	135	<0.06	223
05/26/15	1.93	7.48	-74	10.7	841	NS	NS	NS	NS
08/31/15	2.68	7.06	100	15.1	810	NS	NS	NS	NS
02/29/16	5.87	6.82	206	8.4	614	NS	NS	NS	NS
05/26/16	5.12	6.94	208	9.7	611	NS	NS	NS	NS
08/24/16	1.20	7.16	77	14.4	NS	NS	NS	NS	NS
<b>ENFORCEMENT STANDARD = ES - Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

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

**Well MW-5**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/26/15	1.51	5.81	210	6.2	568	<0.15	159	<0.06	446
05/26/15	2.33	7.31	108	10.5	1156	NS	NS	NS	NS
08/31/15	2.79	7.79	37	16.1	923	NS	NS	NS	NS
02/29/16	NOT SAMPLED					NS	NS	NS	NS
05/26/16	5.01	6.87	254	9.6	710	NS	NS	NS	NS
08/24/16	1.64	6.98	162	14.5	NS	NS	NS	NS	NS
<b>ENFORCEMENT STANDARD = ES - Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

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

**Well MW-6**

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Manganese (ppb)
01/26/15	1.11	5.99	207	5.7	474	<0.15	88	<0.06	241
05/26/15	2.45	7.65	127	9.4	524	NS	NS	NS	NS
08/31/15	2.36	7.08	208	16.3	710	NS	NS	NS	NS
02/29/16	NOT SAMPLED					NS	NS	NS	NS
05/26/16	3.07	6.88	265	10.2	483	NS	NS	NS	NS
08/24/16	1.65	6.75	176	16.5	NS	NS	NS	NS	NS
<b>ENFORCEMENT STANDARD = ES - Bold</b>						<b>10</b>	-	-	<b>300</b>
<b>PREVENTIVE ACTION LIMIT = PAL - Italics</b>						<b>2</b>	-	-	<b>60</b>

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

**A.7 Other**

**Nicolet Trails Campground - Gillett: BRRTS #03-43-560923**

**Free Product Levels & Recovery -- By METCO**

<b>DATE</b>		<b>MW-1</b>	<b>GALS REC./PERIOD</b>	<b>TOT GALS RECOVERED</b>
05/26/16	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	0.75 N/A 0.01	0.01	0.01
08/24/16	Inches of FP Gals Rec. w/ Absorbent Sock Gals Rec. w/ Bailer	4 N/A 0.03	0.03	0.04

## **Attachment B/Maps and Figures**

### **B.1 Location Maps**

**B.1.a Location Map**

**B.1.b Detailed Site Map**

**B.1.c RR Site Map**

### **B.2 Soil Figures**

**B.2.a Soil Contamination**

**B.2.b Residual Soil Contamination**

### **B.3 Groundwater Figures**

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

**B.3.b Groundwater Isoconcentration**

**B.3.c Groundwater Flow Direction**

**B.3.d Monitoring Well**

### **B.4 Vapor Maps and Other Media**

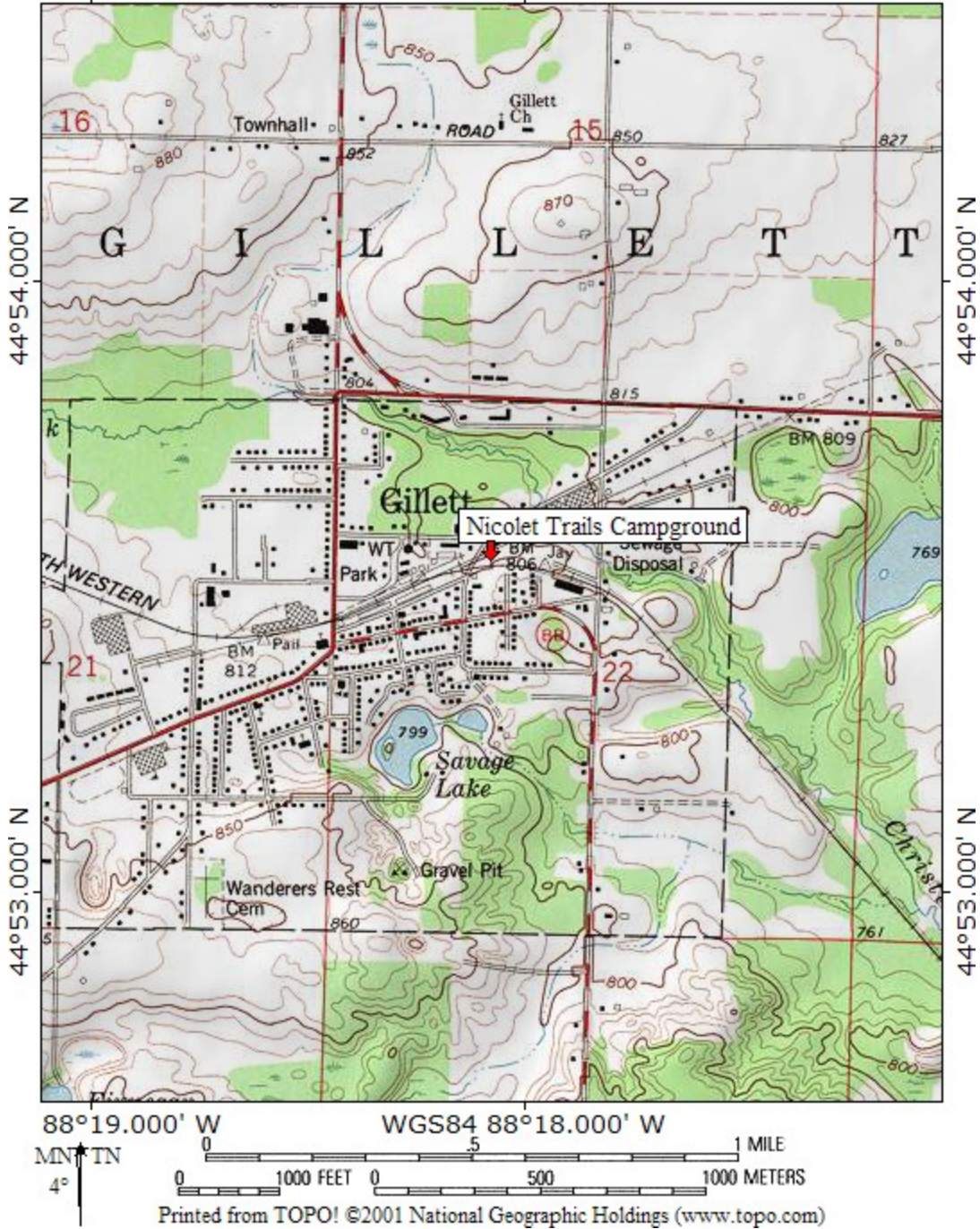
**B.4.a Vapor Intrusion Map** - No vapor samples were assessed as part of the site investigation.

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

**B.4.c Other** – Not Applicable

**B.5 Structural Impediment Photos** – No structural impediments interfered with the investigation, therefore no photos are being included.

TOPO! map printed on 01/13/14 from "wisconsin.tpo" and "Untitled.tpg"  
88°19.000' W WGS84 88°18.000' W



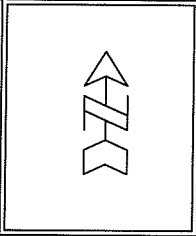
B.1.a LOCATION MAP
CONTOUR INTERVAL 10 FEET
NICOLET TRAILS CAMPGROUND – GILLETT, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM



**B.I.b.**  
**DETAILED SITE MAP**  
**NICOLET TRAILS**  
**CAMPGROUND**

709 Gillette Street, Suite 3  
 La Crosse, WI 54603  
 Tel: (608) 781-8879  
 Fax: (608) 781-8883

**GILLETT.**  
**WISCONSIN**  
 DRAWN BY : ED  
 DATE: 1/10/14

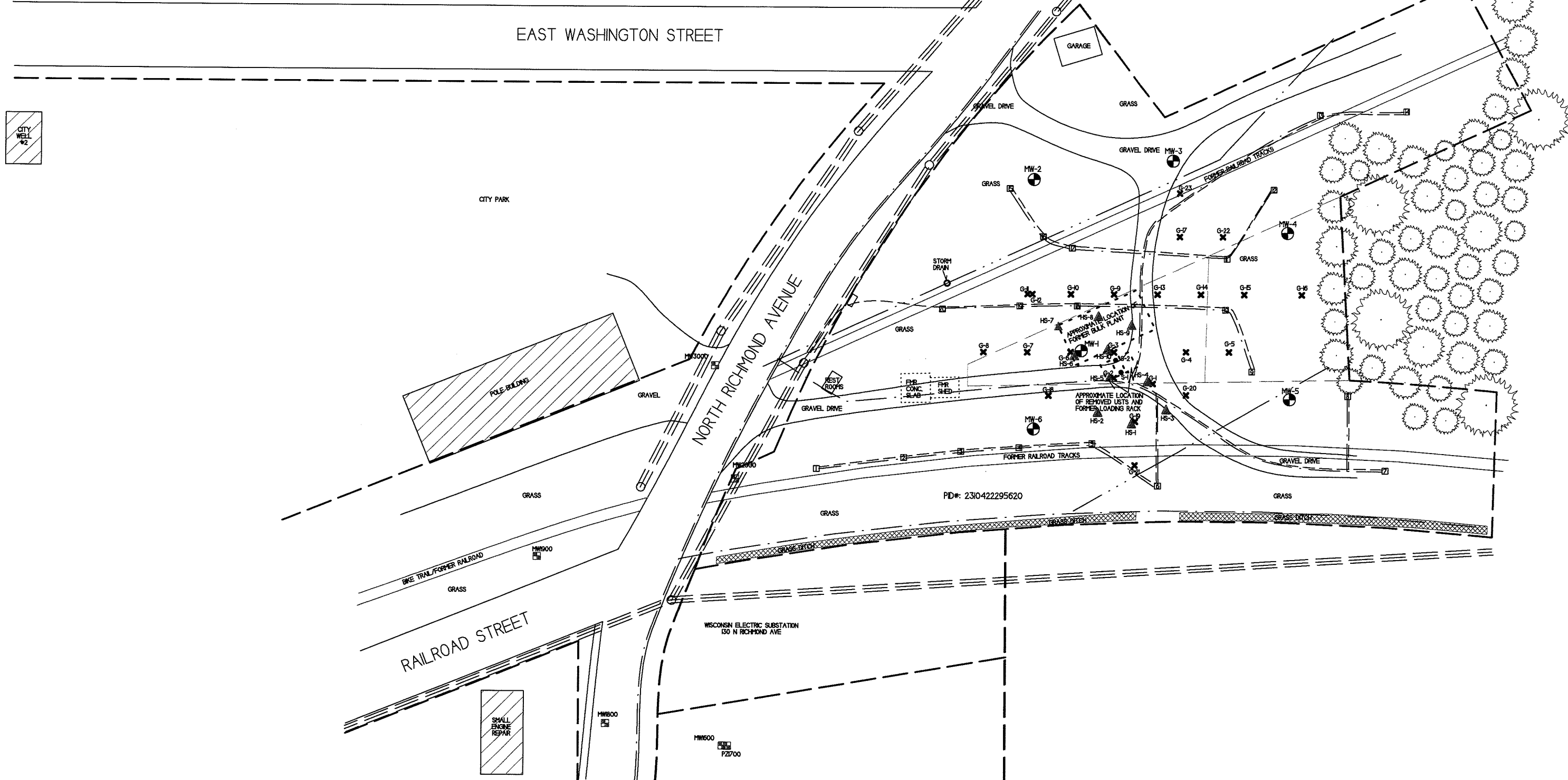


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- ☐ - ABANDONED MONITORING WELL LOCATION - MR B'S GARAGE
- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- - APPROXIMATE PROPERTY BOUNDARY
- ☒ - CAMPSITE WATER AND ELECTRIC HOOK UP

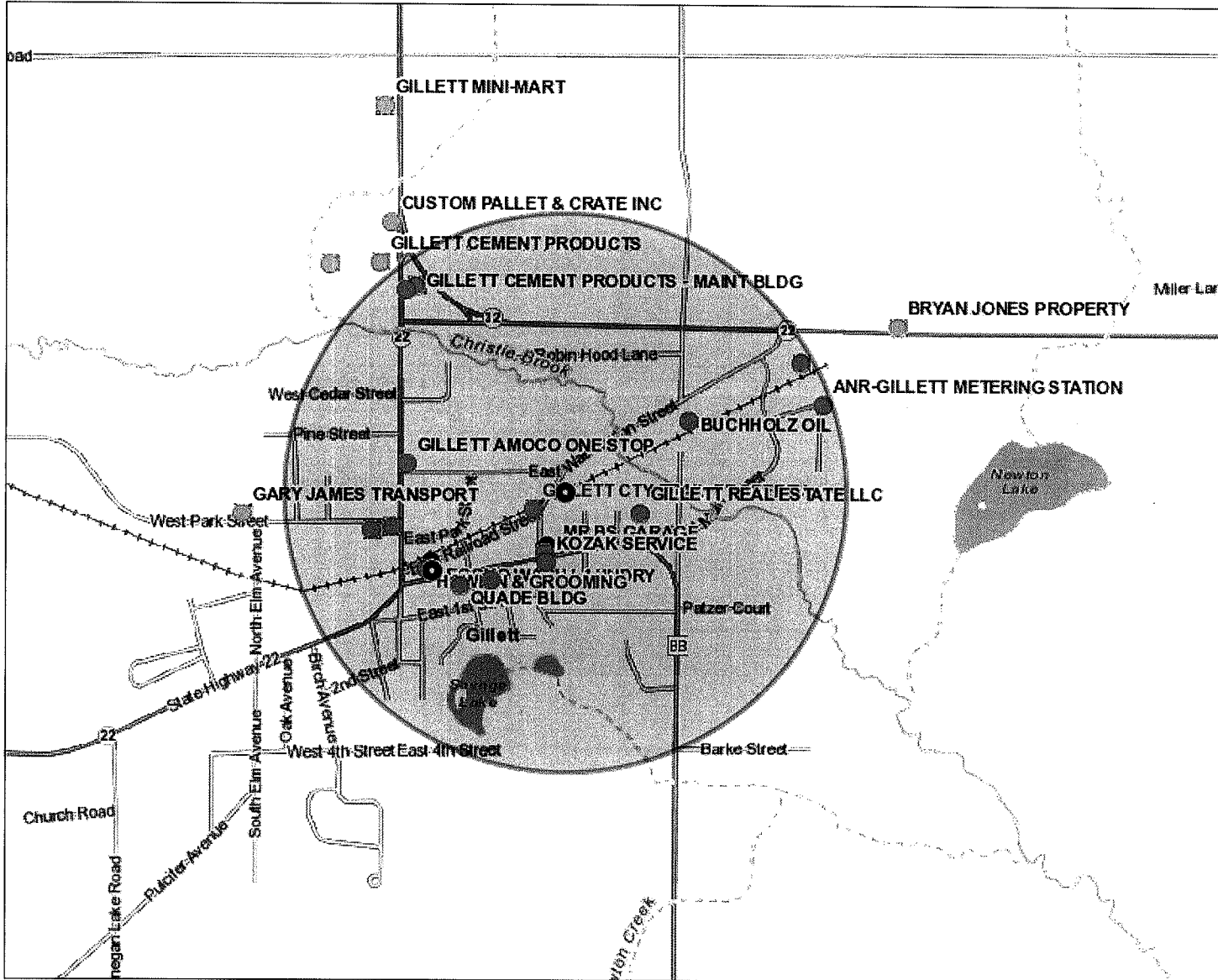
- ==== - OVERHEAD LINES
- - BURIED ELECTRIC
- - WATER LINE
- - STORM SEWER
- - FORMER UST & AST AREA

SCALE 1 INCH = 70 FEET





# B.1.c RR Sites Map



### Legend

- Open Site (ongoing cleanup)
- ◻ Open Site Boundary
- Closed Site (completed cleanup)
- ◻ Closed Site Boundary
- Groundwater Contamination
- Soil Contamination
- ⊗ Groundwater and Soil Contamination
- Ⓧ Dryclean Environmental Response Fund (DERF)
- Ⓧ Green Space Grant (2004-2009)
- Ready for Reuse
- Site Assessment Grant (2001-2009)
- State Funded Response
- Sustainable Urban Development Zone (SUDZ)
- ▼ General Liability Clarification Letters
- ▼ Superfund NPL
- ▼ Voluntary Party Liability Exemption
- Rivers and Streams
- Open Water
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
  - County and Local Roads

0.6 0 0.28 0.6 Miles

NAD\_1983\_HARN\_Wisconsin\_TM

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1: 17,500



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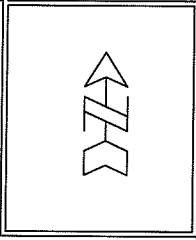
Note: Not all sites are mapped.

### Notes

B.2.a  
SOIL CONTAMINATION  
NICOLET TRAILS  
CAMPGROUND

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

GILLETT,  
WISCONSIN  
DRAWN BY : ED  
DATE: 1/10/14

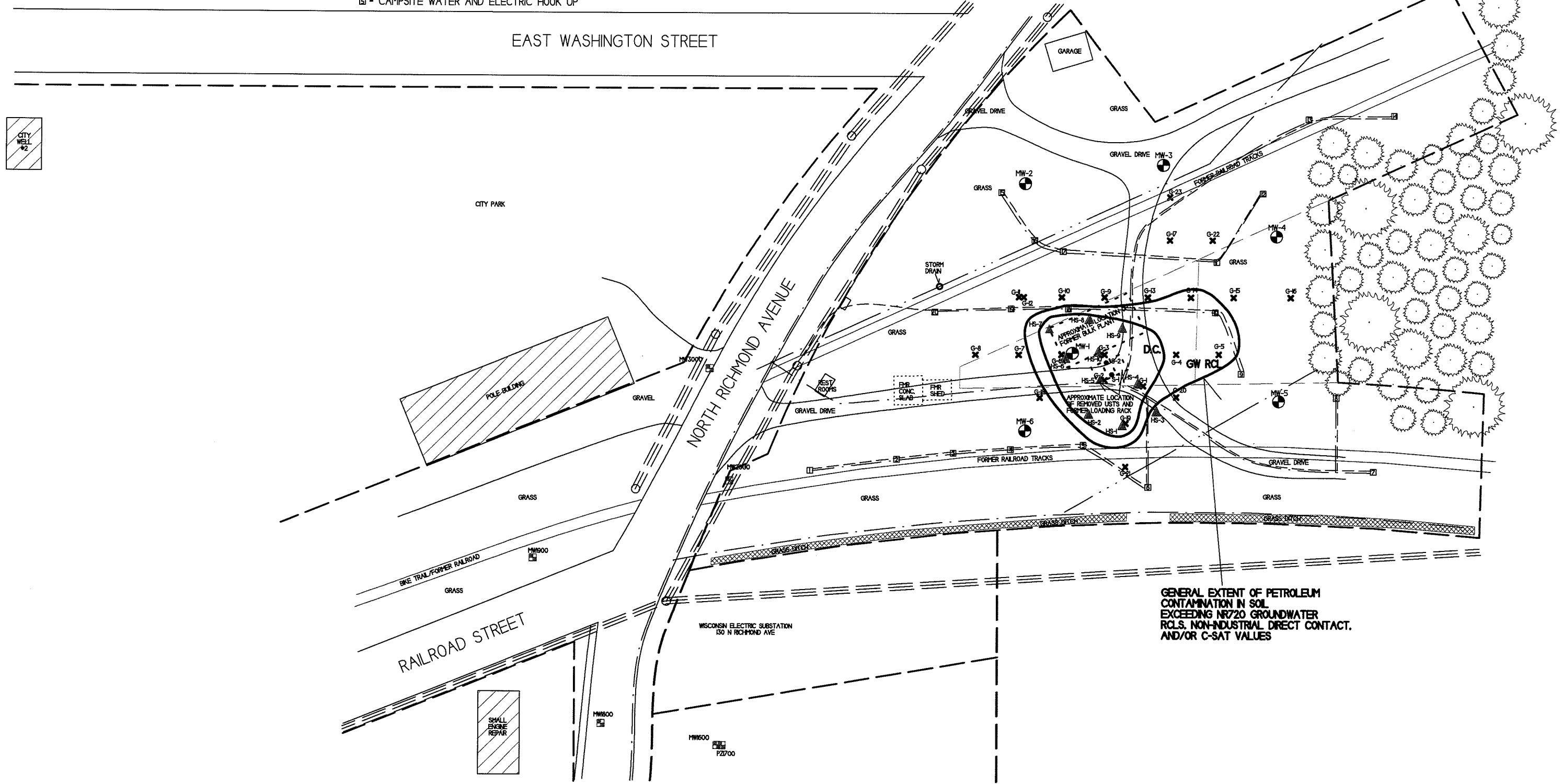


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- ☐ - ABANDONED MONITORING WELL LOCATION - MR B'S GARAGE
- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- - APPROXIMATE PROPERTY BOUNDARY
- ☒ - CAMPSITE WATER AND ELECTRIC HOOK UP

- ≡≡≡≡ - OVERHEAD LINES
- - BURIED ELECTRIC
- — — - WATER LINE
- — — - STORM SEWER
- - - - - FORMER UST & AST AREA

SCALE 1 INCH = 70 FEET



GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL EXCEEDING NR20 GROUNDWATER RCL'S, NON-INDUSTRIAL DIRECT CONTACT, AND/OR C-SAT VALUES

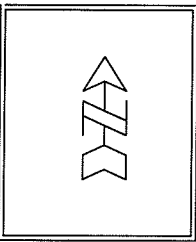
CITY WELL #2

SMALL ENGINE REPAIR

B.2.b.  
RESIDUAL SOIL CONTAMINATION  
NICOLET TRAILS  
CAMPGROUND

709 Gillette Street, Suite 3  
La Crosse, WI 54603  
Tel: (608) 781-8879  
Fax: (608) 781-8853

GILLETT,  
WISCONSIN  
DRAWN BY : ED  
DATE: 1/10/14

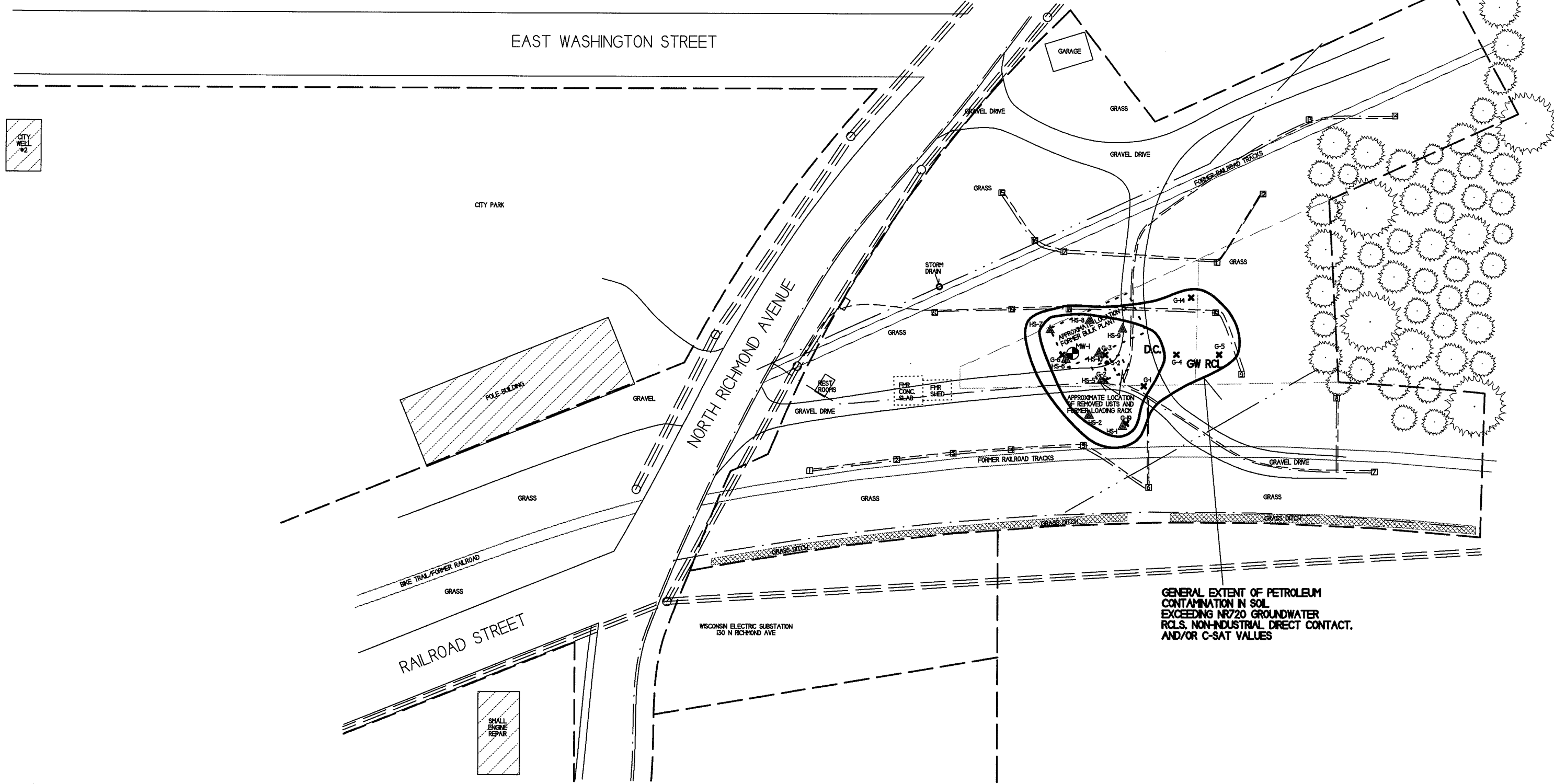


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- - - - - APPROXIMATE PROPERTY BOUNDARY
- ☐ - CAMPSITE WATER AND ELECTRIC HOOK UP

- ≡ ≡ ≡ ≡ - OVERHEAD LINES
- - - - - BURIED ELECTRIC
- - - - - WATER LINE
- - - - - STORM SEWER
- - - - - FORMER UST & AST AREA

SCALE 1 INCH = 70 FEET

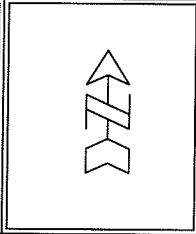


GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL EXCEEDING NR720 GROUNDWATER RCL'S, NON-INDUSTRIAL DIRECT CONTACT, AND/OR C-SAT VALUES

B.3.a.  
**GEOLOGIC CROSS SECTION**  
**NICOLET TRAILS**  
**CAMPGROUND**

**METCO**  
 709 Gillette Street, Suite 3  
 Le Grange, WI 54603  
 Tel: (920) 761-8879  
 Fax: (920) 761-8893

**GILLETT, WISCONSIN**  
 DRAWN BY : JJ  
 DATE: 1/30/15

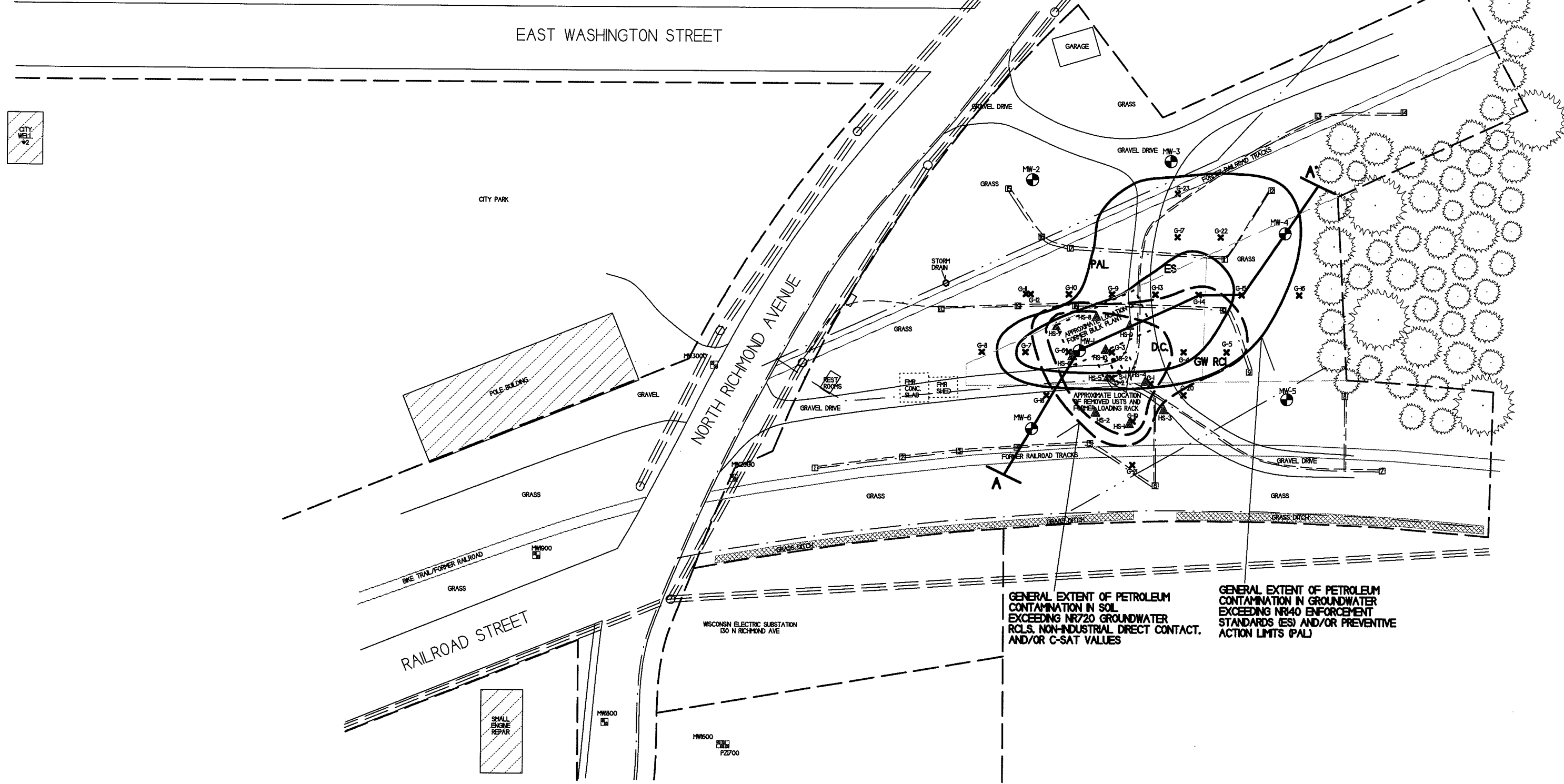


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- ☐ - ABANDONED MONITORING WELL LOCATION - MR B'S GARAGE
- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- - APPROXIMATE PROPERTY BOUNDARY
- ☐ - CAMPSITE WATER AND ELECTRIC HOOK UP

- ==== - OVERHEAD LINES
- - BURIED ELECTRIC
- - WATER LINE
- - STORM SEWER
- - FORMER UST & AST AREA

SCALE 1 INCH = 70 FEET



GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL EXCEEDING NR/20 GROUNDWATER RCLs, NON-INDUSTRIAL DIRECT CONTACT, AND/OR C-SAT VALUES

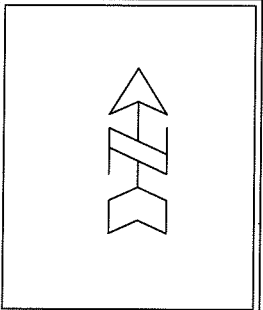
GENERAL EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING NR/40 ENFORCEMENT STANDARDS (ES) AND/OR PREVENTIVE ACTION LIMITS (PAL)

B.3.a.  
GEOLOGIC CROSS SECTION (CLOSE UP)

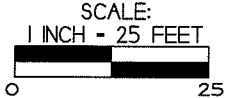
NICOLET TRAILS  
CAMPGROUND

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

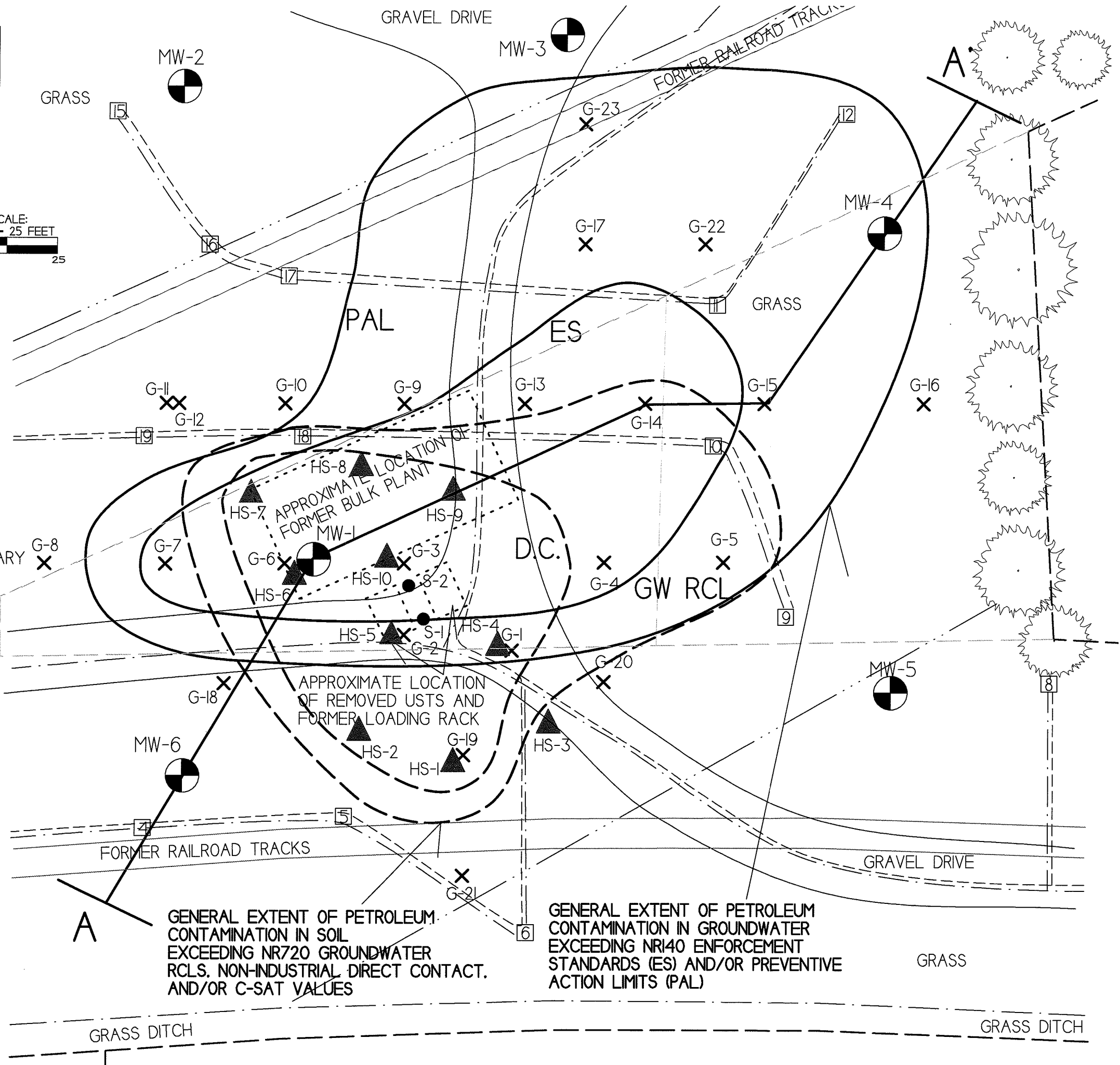
GILLETT,  
WISCONSIN  
DRAWN BY : JJ  
DATE: 11/30/15



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



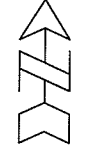
- = ABANDONED MONITORING WELL LOCATION  
- MR B'S GARAGE
- = UST REMOVAL SOIL SAMPLING LOCATION
- = GEOPROBE BORING LOCATION
- = MONITORING WELL LOCATION
- = HAND SAMPLE LOCATION (METCO 5/26/15)
- = APPROXIMATE PROPERTY BOUNDARY
- = CAMPSITE WATER AND ELECTRIC HOOK UP
- = OVERHEAD LINES
- = BURIED ELECTRIC
- = WATER LINE
- = STORM SEWER
- = FORMER UST & UST AREA



B.3.a.  
GEOLOGIC CROSS SECTION  
NICOLET TRAILS CAMPGROUND


709 Gillette St, Suite 3  
La Crosse, WI 54603  
Tel: (608) 781-8878  
Fax: (608) 781-8893

GILLETT, WISCONSIN  
DRAWN BY: JJ  
DATE: 11/30/15



- ✕ - GEOPROBE BORING LOCATION
- ✕ - GEOPROBE SOIL SAMPLING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ⊙ - SOIL SAMPLING LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- ▼ - WATERTABLE BASED ON ALL TIME LOW MEASUREMENTS

HORIZONTAL SCALE:  
1 INCH = 25 FEET



VERTICAL SCALE:  
1 INCH = 5 FEET



INFORMATION BASED ON AVAILABLE DATA.  
ACTUAL CONDITIONS MAY DIFFER

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

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

GROUNDWATER FLOW IS TOWARD THE  
NORTH TO NORTHEAST.

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

- PD - PHOTO IONIZATION DETECTOR
- DRO - DIESEL RANGE ORGANICS
- PVOC - PETROLEUM VOLATILE ORGANIC COMPOUNDS
- PAH - POLYNUCLEAR AROMATIC HYDROCARBONS
- B - BENZENE
- E - ETHYLBENZENE
- MTBE - METHYL-TERT-BUTYL-ETHER
- N - NAPHTHALENE
- T - TOLUENE
- TMB - TRIMETHYLBENZENE
- X - XYLENE

NOTE: SOIL AND GROUNDWATER SAMPLE  
DATA IS BASED ON LABORATORY RESULTS  
FROM SAMPLES COLLECTED DURING THE  
FOLLOWING EVENTS:  
- GEOPROBE PROJECT (4/15-16/14)  
- DRILLING PROJECT (2/29-30/14)  
- ROUND 6 GROUNDWATER SAMPLING (8/24/16)


TAN TO GRAY TO BLACK  
VERY FINE TO COARSE  
GRAINED SAND WITH  
SOME GRAVEL



BROWN TO RED SANDY  
SLT/CLAY TO SANDY  
CLAY WITH GRAVEL



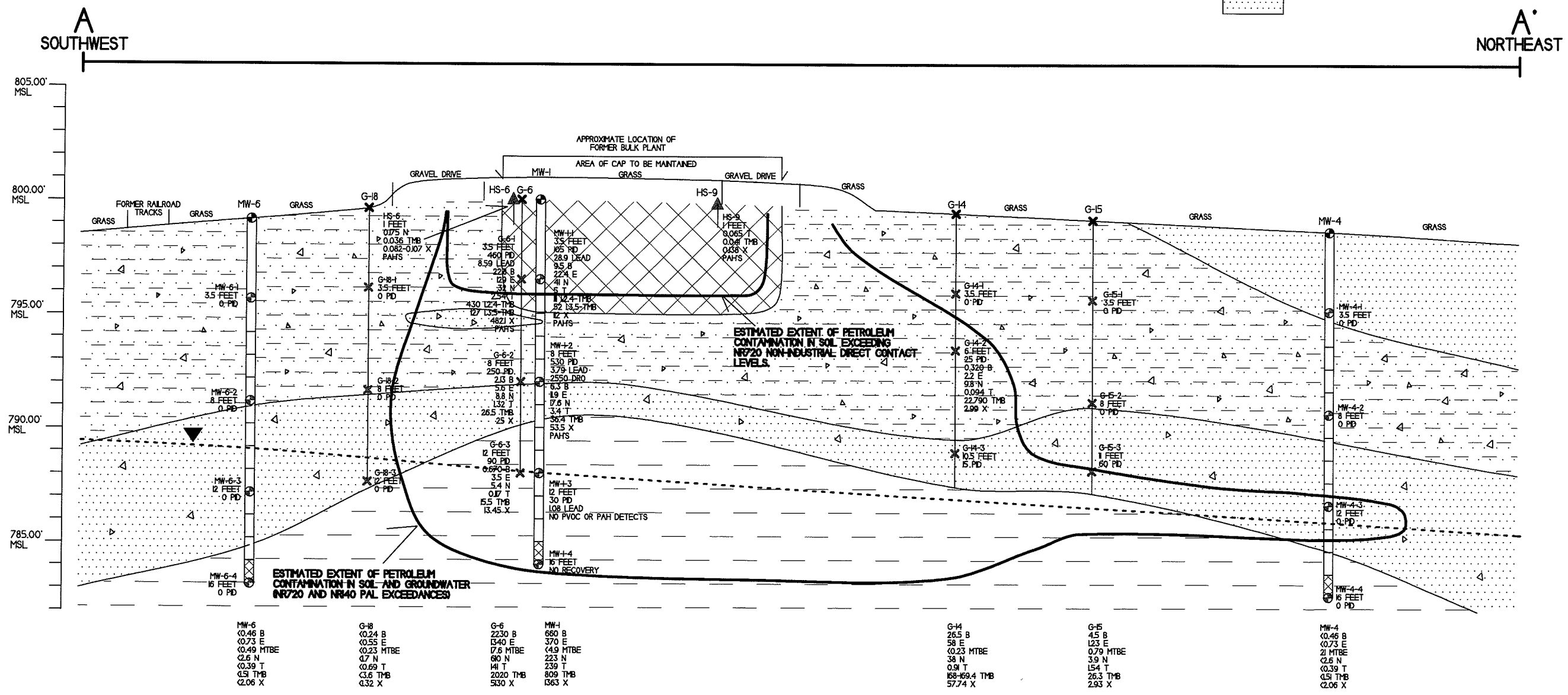
GRAY SILT



FILL MATERIAL



BROWN FINE TO MEDIUM  
GRAINED SAND

**B.3.b GROUNDWATER ISOCONCENTRATION (8/24/16)**

**NICOLET TRAILS CAMPGROUND**



GILLETT, WISCONSIN  
DRAWN BY : ED  
DATE: 1/10/14



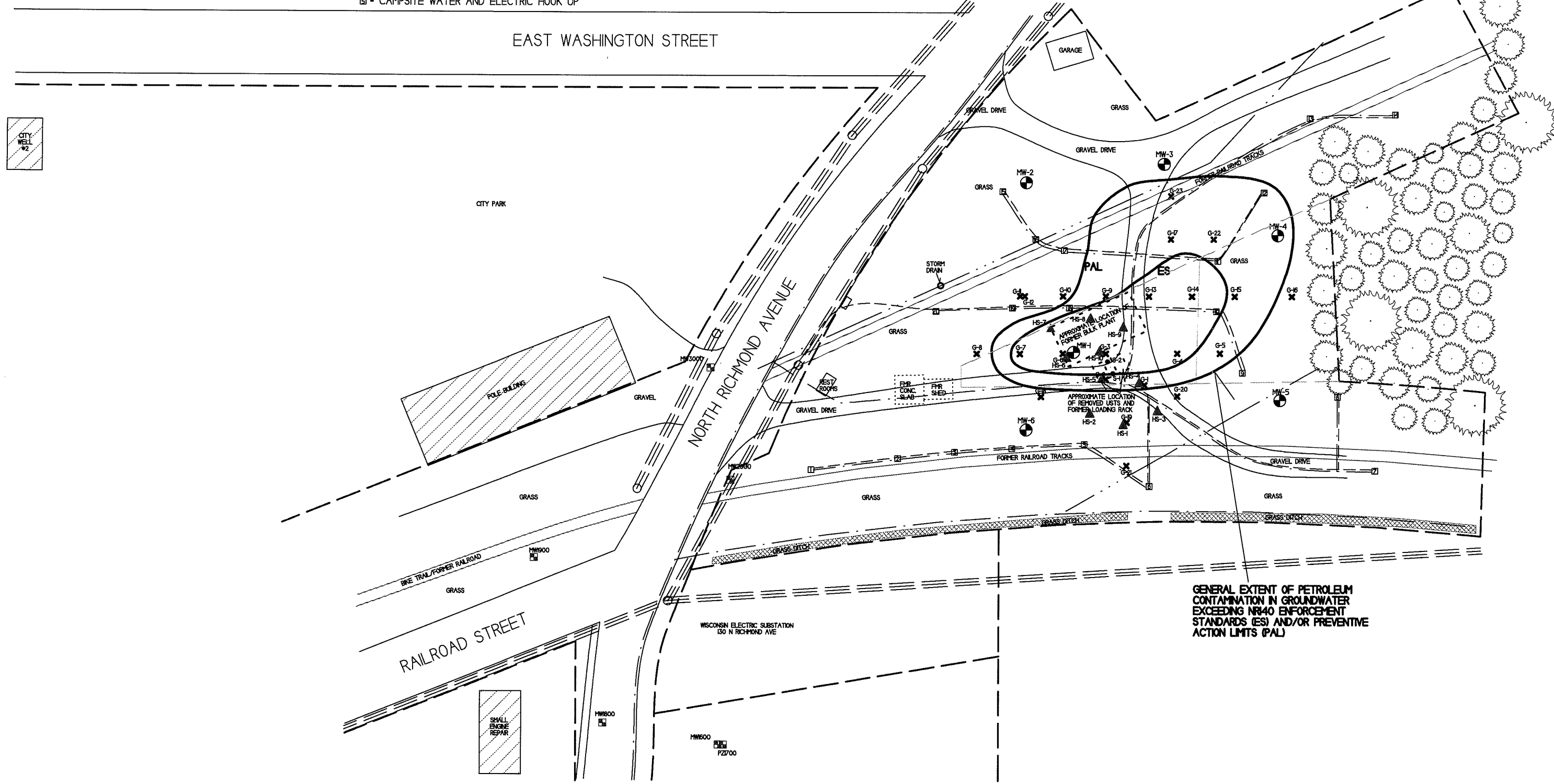
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- ☐ - ABANDONED MONITORING WELL LOCATION - MR B'S GARAGE
- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- - APPROXIMATE PROPERTY BOUNDARY
- ☐ - CAMPSITE WATER AND ELECTRIC HOOK UP

- ≡≡≡≡ - OVERHEAD LINES
- - - - - BURIED ELECTRIC
- — — — WATER LINE
- - - - - STORM SEWER
- - - - - FORMER UST & AST AREA

SCALE 1 INCH = 70 FEET

GROUNDWATER FLOW BASED ON MOST RECENT SAMPLING EVENT (8-24-16)



**GENERAL EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING NR40 ENFORCEMENT STANDARDS (ES) AND/OR PREVENTIVE ACTION LIMITS (PAL)**

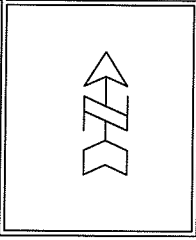


**B.3.c GROUNDWATER  
FLOW DIRECTION (8/31/15)  
NICOLET TRAILS  
CAMPGROUND**

**GILLETT,  
WISCONSIN**

709 Gillette Street, Suite 3  
La Crosse, WI 54603  
Tel: (608) 781-8839  
Fax: (608) 781-8850

DRAWN BY : ED  
DATE: 1/10/14

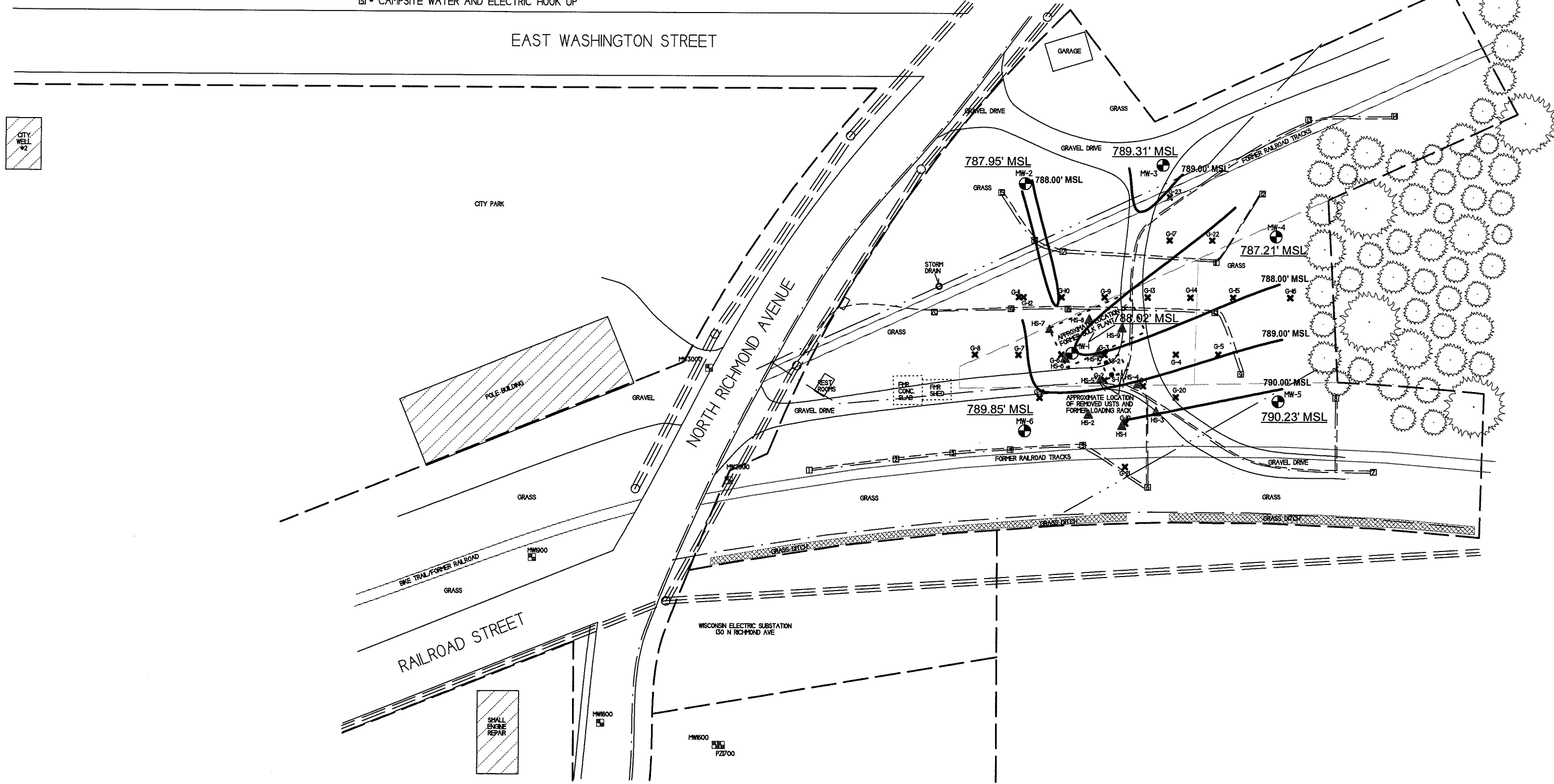


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- ☐ - ABANDONED MONITORING WELL LOCATION - MR B'S GARAGE
- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊙ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- - APPROXIMATE PROPERTY BOUNDARY
- ☒ - CAMPSITE WATER AND ELECTRIC HOOK UP

- ≡≡≡≡ - OVERHEAD LINES
- - - - - BURIED ELECTRIC
- - - - - WATER LINE
- - - - - BURIED ELECTRIC
- - - - - STORM SEWER
- ⋯⋯⋯ - FORMER UST & AST AREA

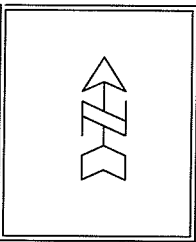
SCALE 1 INCH = 70 FEET



B.3.c GROUNDWATER  
FLOW DIRECTION (8/24/16)  
NICOLET TRAILS  
CAMPGROUND



GILLETT,  
WISCONSIN  
DRAWN BY : ED  
DATE: 1/10/14  
EDITED BY : JJ 7/20/15

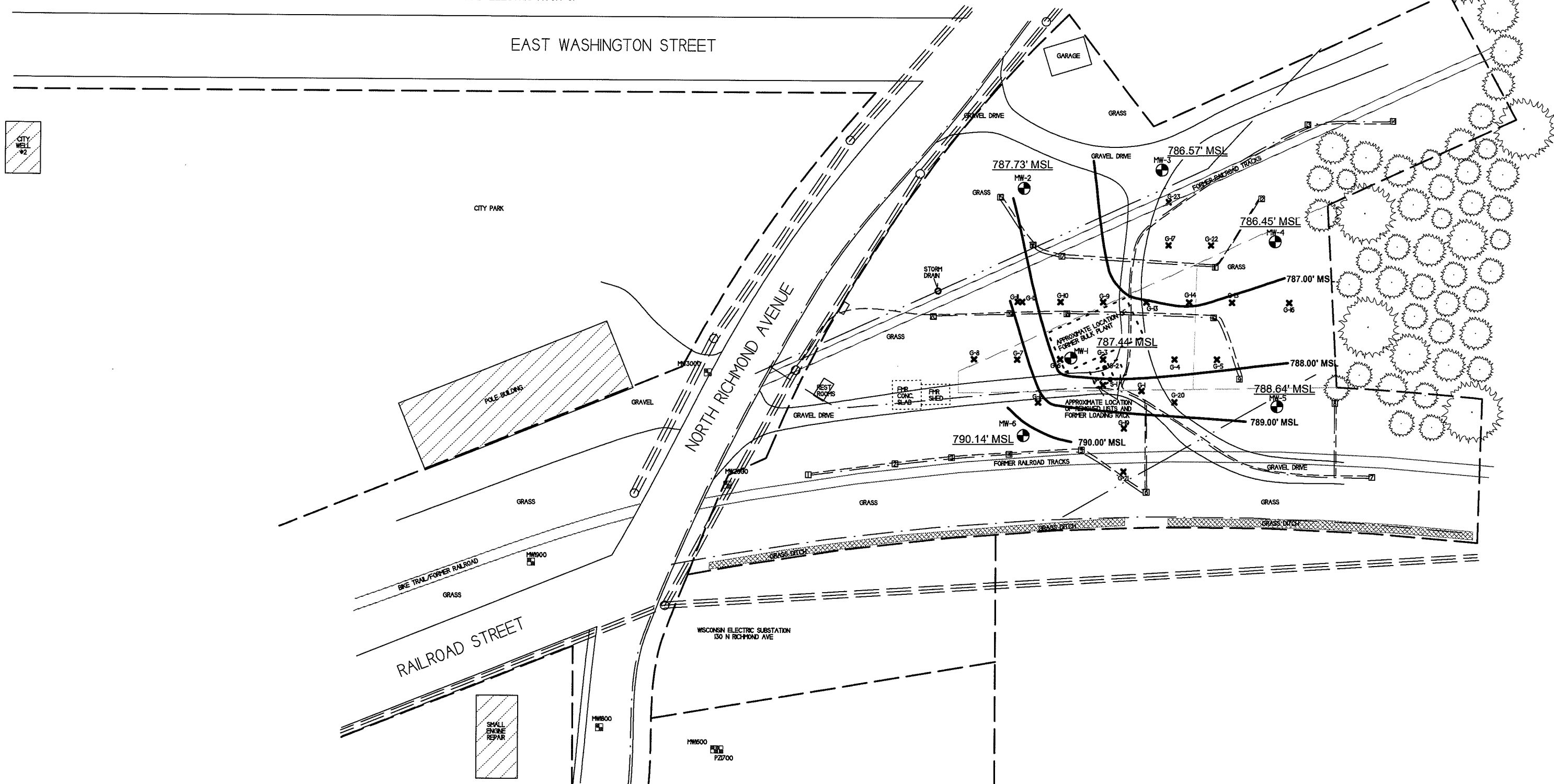


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- ☐ - ABANDONED MONITORING WELL LOCATION - MR B'S GARAGE
- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- - APPROXIMATE PROPERTY BOUNDARY
- ☐ - CAMPSITE WATER AND ELECTRIC HOOK UP

- ==== - OVERHEAD LINES
- - BURIED ELECTRIC
- - WATER LINE
- - STORM SEWER
- - FORMER UST & AST AREA

SCALE 1 INCH = 70 FEET

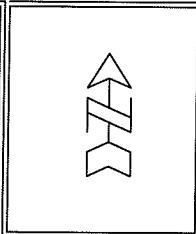


CITY WELL #2

B.3.d.  
**MONITORING WELLS**  
**NICOLET TRAILS**  
**CAMPGROUND**

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

**GILLETT, WISCONSIN**  
 DRAWN BY : ED  
 DATE: 1/10/14

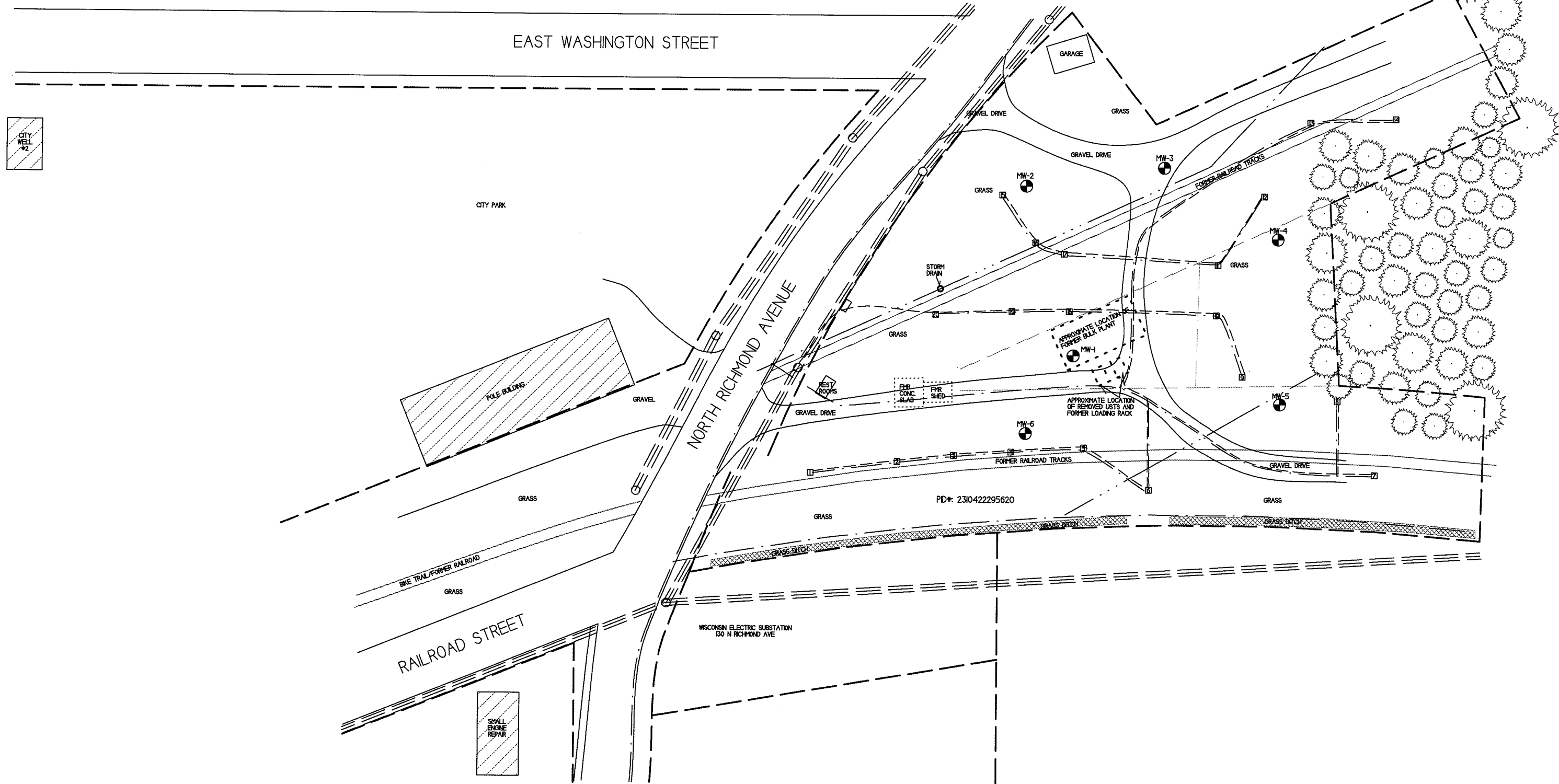


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- - MONITORING WELL LOCATION - PROPOSED TO BE ABANDONED
- - APPROXIMATE PROPERTY BOUNDARY
- - CAMPSITE WATER AND ELECTRIC HOOK UP

- ==== - OVERHEAD LINES
- - BURIED ELECTRIC
- - WATER LINE
- - STORM SEWER
- - FORMER UST & AST AREA

SCALE: 1 INCH = 70 FEET



CITY WELL #2

SHALL ENGINE REPAIR

PID#: 2310422295620

## Attachment C/Documentation of Remedial Action

C.1 Site Investigation documentation – All site investigation documents submitted for this site can be found in:

- Letter Report (August 3, 2015)
- Site Investigation Report (December 11, 2015)
- Letter Report (October 5, 2016)

### C.2 Investigative waste

C.3 Provide a description of the methodology used along with all supporting documentation if the Residual Contaminant Levels are different than those contained in the Department's RCL Spreadsheet available at: <http://dnr.wi.gov/topic/brownfields.Professionals.html> - Residual Contaminant Levels (RCLs) were established in accordance with 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 spreadsheet.

**C.4 Construction documentation** – On June 14-15, 2016, DKS Construction Services of Menomonie, Wisconsin conducted a capping project under the supervision and direction of METCO. The capping was being done to address the area of direct contact soil contamination (PVOOC's and PAH's) at the site.

The two adjacent rectangular areas (90'x60' and 60'x30') were staked and a Geo-Textile Fabric was laid over the entire impacted area. Once the fabric was in place, one foot of top-soil was placed over the grass areas and one foot of gravel was placed over the gravel drive area. The areas of top-soil were covered in E-Mat and seeded to help prevent the new soil cap from washing out.

Photos of the capping project have been included (Photos of the final cap can be viewed in section D.4.).

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

C.6 Other – Not applicable

# C.2. Investigative Waste

**DKS Transport Services, LLC**

N7349 548th Street  
Menomonie, WI 54751

715-556-2604

INVOICE

6-15 2016

CUSTOMER

JOB NAME

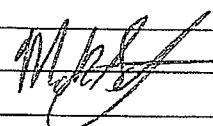
City of Gillett WI 90 METCO  
709 Gillette St  
La Crosse WI 54603

Nicolet Trails Campground  
Gillett WI

CASH  CHECK # \_\_\_\_\_  IN-HOUSE ACCOUNT

QUANTITY		DESCRIPTION	QTY.	UNIT PRICE		AMOUNT	
DATE	SHIPPED						
	/	Mobilization	1	287	70	287	70
	/	Haul soil drum to Advanced disposal - Eau Claire WI	1	108	15	108	15
	/	Haul water drum to Advanced disposal, Eau Claire WI	1	42	11	42	11
				TOTAL		437	96

Thank You



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

SIGNATURE \_\_\_\_\_

164

**Photos**

Photo #17: Facing east/northeast. Finished cap.



Phot #18: Facing east. Finished cap.



Photo #19: Facing east/northeast. Two months after project.



Photo #20: Facing south. Two months after project.



## **Attachment D/Maintenance Plan(s)**

**D.1 Description of Maintenance Actions**

**D.2 Location map(s)**

**D.3 Photographs**

**D.4 Inspection log**

## D.1 Description of Maintenance Action(s)

### CAP MAINTENANCE PLAN

January 19, 2017

Property Located at:  
310 East Washington Street  
Gillett, WI 54124

WDNR BRRTS# 03-43-560923

TAX KEY# 2310422295620

#### Introduction

This document is the Maintenance Plan for a gravel and grass 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 cap occupying the area over the contaminated soil plume on-site.

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

- The case file in the DNR Northeast regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites):  
<http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>
- GIS Registry PDF file for further information on the nature and extent of contamination and
- The DNR project manager for Oconto County.

#### Description of Contamination

Soil contaminated by Petroleum Volatile Organic Compounds (PVOC's) and Polynuclear Aromatic Hydrocarbons is located (PAH) at a depth of 0-4 feet below ground surface (bgs) in the area of soil samples S-2, G-1, G-2, G-3, G-6, G-19, MW-1, HS-1, HS-2, HS-5, HS-6, HS-7, HS-8, HS-9, and HS-10, which are located near the former AST and UST systems. The extent of the soil contamination is shown on Attachment D.2.

#### Description of the Cap to be maintained

The Cap area consists of gravel (1 foot thick) or topsoil and grass (1 foot thick) on top of a layer of geotextile fabric which covers the areas of the former AST and UST systems, as shown on Attachment D.2.

#### Cover Barrier Purpose

The gravel and grass cap over the contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health.



Based on the current and future use of the property, the barrier should function as intended unless disturbed.

### Annual Inspection

The gravel and grass cap overlying the contaminated soil and as depicted in Attachment D.2 will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration and other potential problems that can cause exposure to underlying 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 Form 4400-305 Continuing Obligations and Maintenance Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. 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.

Note: The WDNR may, in some instances, require in the case closure letter that the inspection log be submitted at least annually after every inspection. If the case closure letter requires that, then a copy of the inspection log must be submitted to the WDNR at least annually after every inspection.

### 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 direct contact exposure 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 gravel and/or grass cap overlying the contaminated soil plume 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 gravel and grass 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 gravel and grass cap is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 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.

Contact Information

January 19, 2017

**Current Site Owner and Operator:**

City of Gillett  
150 N. McKenzie Ave.  
Gillett, WI 54124  
(920) 855-2255

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

**Consultant:**

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

**WDNR:**

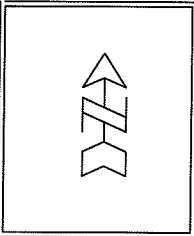
Tom Verstegen  
625 East County Road Y, Suite 700  
Oshkosh, WI 54901  
(920) 424-0025

**D.2. LOCATION MAP**

**NICOLET TRAILS  
CAMPGROUND**

**METCO**  
700 Gillette Street, Suite 3  
La Crosse, WI 54603  
Tel: (608) 781-8979  
Fax: (608) 781-8893

**GILLETT,  
WISCONSIN**  
DRAWN BY : JP  
DATE: 10/3/16

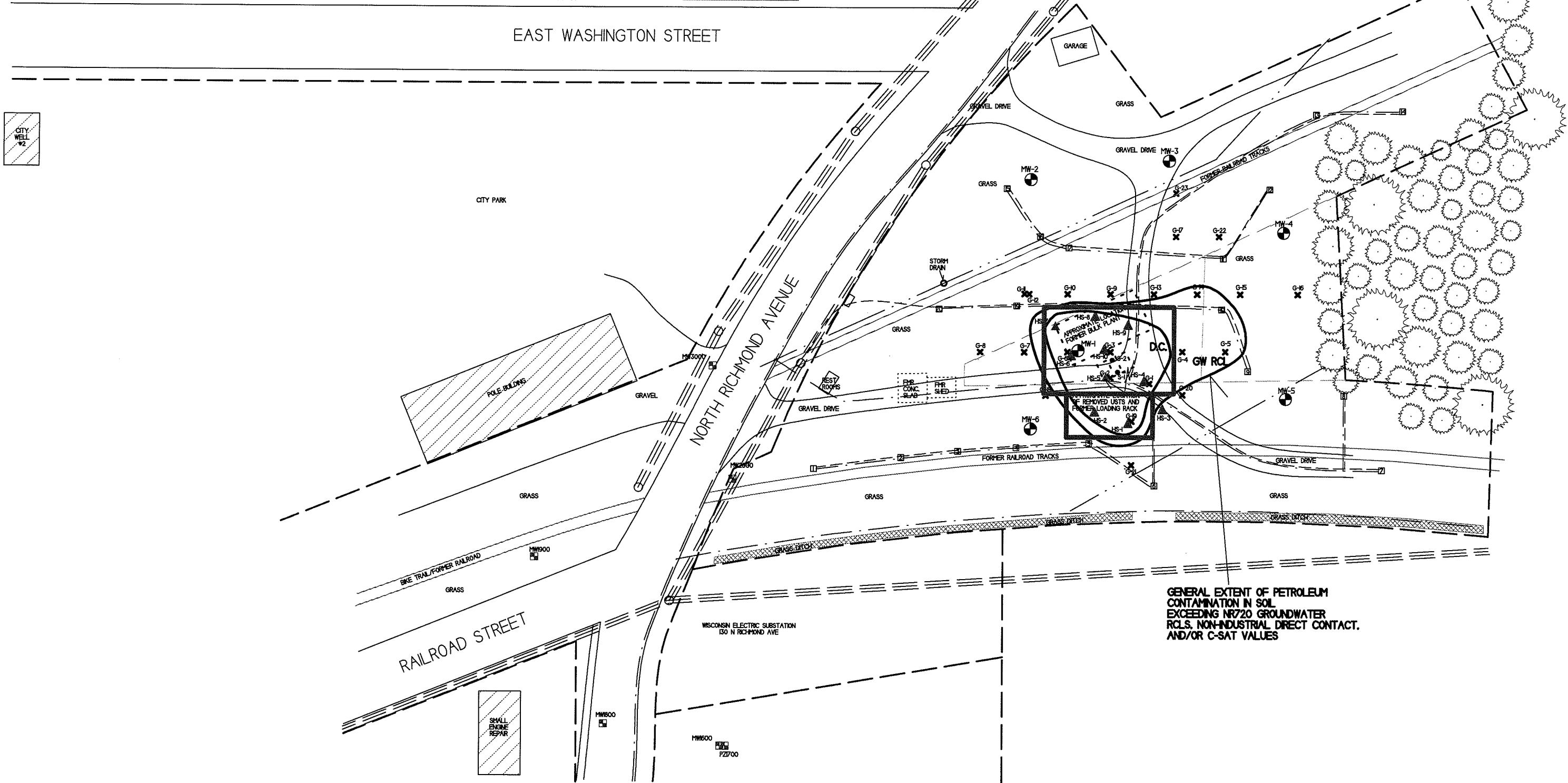


NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

- - ABANDONED MONITORING WELL LOCATION - MR B'S GARAGE
- - UST REMOVAL SOIL SAMPLING LOCATION
- ✕ - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - HAND SAMPLE LOCATION (METCO 5/26/15)
- - APPROXIMATE PROPERTY BOUNDARY
- ⊞ - CAMPSITE WATER AND ELECTRIC HOOK UP

- ==== - OVERHEAD LINES
- - BURIED ELECTRIC
- - WATER LINE
- - BURIED ELECTRIC
- - STORM SEWER
- - FORMER UST & AST AREA
- ▭ - AREA OF CAP TO BE MAINTAINED

SCALE: 1 INCH = 70 FEET



**GENERAL EXTENT OF PETROLEUM  
CONTAMINATION IN SOIL  
EXCEEDING NR720 GROUNDWATER  
RCLs, NON-INDUSTRIAL DIRECT CONTACT,  
AND/OR C-SAT VALUES**

D.3. Photographs

Facing east/northeast



Facing South



# D.4. Inspection Log

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

**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 <b>Nicolet Trails Campground</b>	BRRTS No. <b>03-43-560923</b>
--	----------------------------------

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):

**Thomas.Verstegen@wisconsin.gov**

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?
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N

D.4.

03-43-560923  
BRRTS No.

Nicolet Trails Campground  
Activity (Site) Name

{Click to Add/Edit Image}

Date added: 01/19/2017



Title: Area of Cap to be Maintained (Facing East/Northeast)

{Click to Add/Edit Image}

Date added: 01/19/2017



Title: Area of Cap to be Maintained (Facing South)

## Attachment E/Monitoring Well Information

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

## **Attachment F/Source Legal Documents**

**F.1 Deed**

**F.2 Certified Survey Map**

**F.3 Verification of Zoning**

**F.4 Signed Statement**



F.I. Deed

2

<b>673991</b> Document Number	<b>NOTICE OF LIEN</b> §101.143(4)(ee), Stats.  Title of Document
----------------------------------	---

As provided by §101.143(4)(ee), Stats., the Department of Natural Resources (department) has granted a waiver of the deductible due from the owner of property eligible for reimbursement of petroleum cleanup costs under the Petroleum Environmental Cleanup Fund Act (PECFA) to Gillett Community Development Authority owner(s) of the following property:

See Attached Exhibit A

VOL. **1655** PAGE **144**

**RECORDED**  
9:30 O'CLOCK aM

**DEC 26 2013**  
**ANNETTE BEHRINGER**  
**REGISTER OF DEEDS**  
**OCONTO COUNTY, WI**

30-

---

Record this record with the Register of Deeds.  
**Name and return address:**  
David Swimm (ew)  
PECFA Financial Coordinator  
Department of Natural Resources  
PO Box 8044  
Madison WI 53708-8044  
Phone (608) 264-8766

Tax Parcel: #

The deductible amount waived by the department is **Two Thousand Five Hundred dollars (\$2,500.00)**. The property remains subject to this lien until the deductible is paid in full to the Department. No interest is recoverable on this lien.

The department certifies that to the best of its knowledge and belief, all information contained in this Notice of Lien is correct, and this lien represents a legal encumbrance upon the property. Based on the above information, the department claims a lien on all the interest, which the Owner(s) have in the above-described property.

Department of Natural Resources

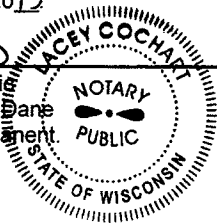
By:

David Swimm, PECFA Financial Coordinator  
Remediation and Redevelopment

**AUTHENTICATION OF ACKNOWLEDGMENT**

The above named person was sworn to before me this 20 day of December 2013

Lacey L. Cochart, Notary Public  
State of Wisconsin, County of Dane  
My Commission expires: permanent



This document was drafted & approved  
by:  
State of Wisconsin  
Department of Natural Resources  
PO Box 8044  
Madison WI 53708-8044



Exhibit A

Lot One (1) of Certified Survey Map No. 4749, Recorded in Volume 35, Page 109 of C.S. MAPS on January 11, 2013 as Document No. 664020

**Grantor retains a twenty (20) foot wide storm sewer easement described as follows:**

A twenty foot wide storm sewer easement located in part of Lot 1 of Certified Survey Map Number 4749, Recorded in Volume 35 CSM's Page 109, located in part of the Northeast quarter of the Northwest quarter and part of the Southeast quarter of the Northwest quarter of Section 22, Township 28 North, Range 18 East, City of Gillett, Oconto County, Wisconsin, the centerline more particularly described as follows:

Commencing at the North quarter corner of said Section 22, Thence South 32 degrees 01 minutes 32 seconds West, a distance of 1498.82 ft.; Thence South 28 degrees 25 minutes 41 seconds East, a distance of 24.08 ft. to the centerline of the existing storm sewer and the **POINT OF BEGINNING**; Thence South 64 degrees 26 minutes 13 seconds West, along the existing storm sewer, a distance of 422.23 ft. to the Easterly right-of-way of North Richmond Avenue and the **POINT OF TERMINOUS** of said easement; and

**Grantor retains an easement around existing building which is described as follows:**

Part of Lot 1 of Certified Survey Map Number 4749, Recorded in Volume 35 CSM's Page 109, located in part of Northeast quarter of the Northwest quarter and part of the Southeast quarter of the Northwest quarter of Section 22, Township 28 North, Range 18 East, City of Gillett, Oconto County, Wisconsin, more particularly described as follows:

Commencing at the North quarter corner of said Section 22, Thence South 32 degrees 01 minutes 32 seconds West, a distance of 1498.82 ft.; Thence South 65 degrees 31 minutes 05 seconds West, a distance of 225.99 ft.; Thence North 37 degrees 25 minutes 16 seconds West, a distance of 50.76 ft. to the **POINT OF BEGINNING**; Thence South 65 degrees 53 minutes 46 seconds West, a distance of 116.13 ft. to the Easterly right-of-way of North Richmond Avenue; Thence along said right-of-way, on a curve to the right, having a radius of 889.05 ft., a long chord which bears North 42 degrees 23 minutes 16 seconds East, 114.82 ft., a distance of 114.90 ft.; Thence South 37 degrees 25 minutes 16 seconds East, a distance of 47.06 ft. to the **POINT OF BEGINNING...**

Together with and subject to any easements, covenant, restrictions of record.

This is not a homestead property.

# F.2. Certified Survey Map

HARRY (JESS) SMITH, RLS

Job No. 12-5644  
Dwg. No. 5644cityofgillettB



Northeast  
Surveying, Inc.

Registered Wisconsin Land Surveyors

13418 LOGAN ROAD  
SURING W. 54174  
920-842-2426

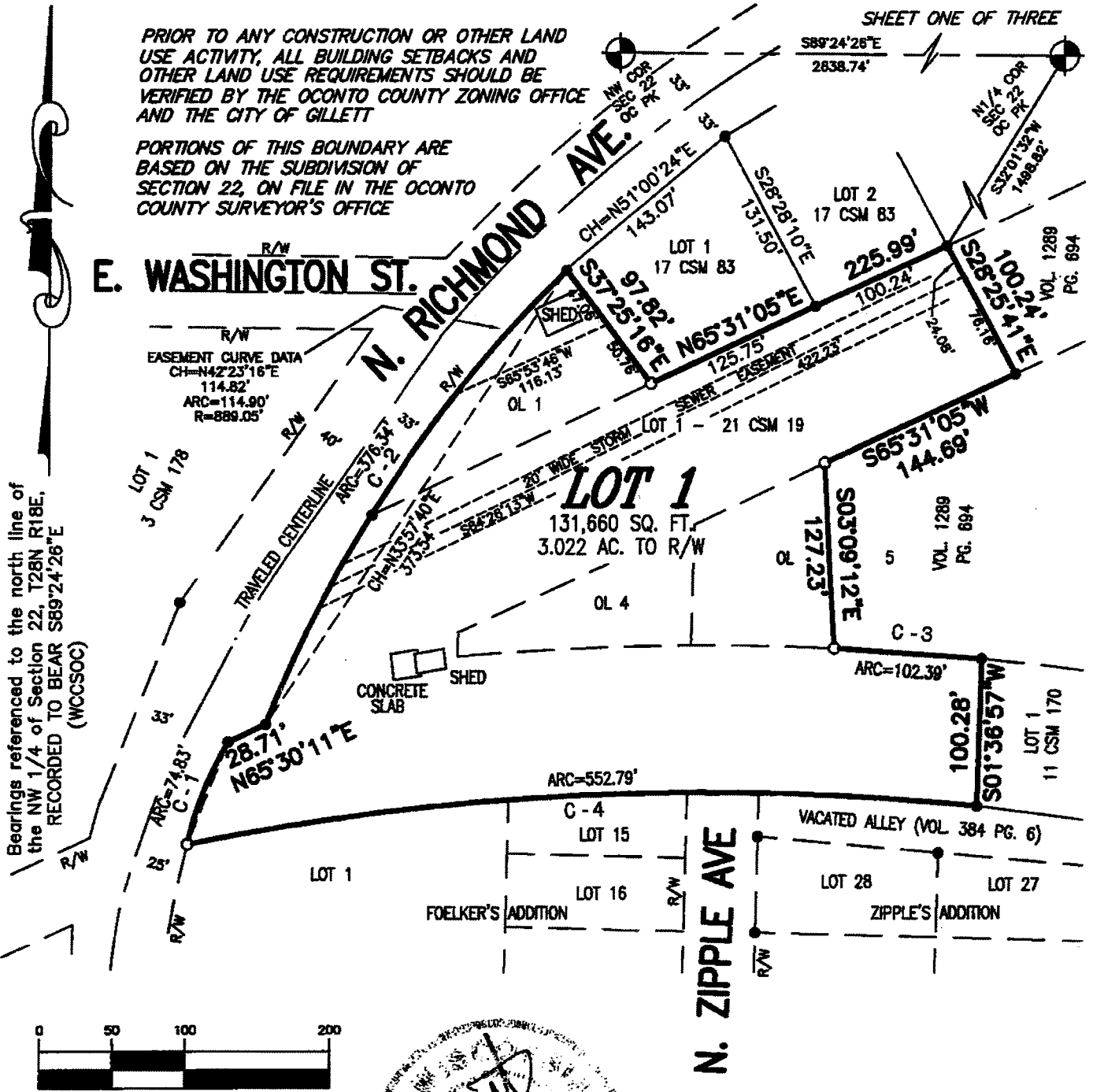
## RETRACEMENT CERTIFIED SURVEY MAP NO. 4749

ALL OF OUTLOT 1, OUTLOT 4 AND OUTLOT 9, AND PART OF OUTLOT 5 OF THE ASSESSOR'S PLAT OF THE CITY OF GILLET, ALL OF LOT 1 OF CERTIFIED SURVEY MAP RECORDED IN VOLUME 21 CSM'S PAGE 19 AND PART OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER AND PART OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 22, TOWNSHIP 28 NORTH RANGE 18 EAST, CITY OF GILLET, OCONTO COUNTY, WISCONSIN.

PRIOR TO ANY CONSTRUCTION OR OTHER LAND USE ACTIVITY, ALL BUILDING SETBACKS AND OTHER LAND USE REQUIREMENTS SHOULD BE VERIFIED BY THE OCONTO COUNTY ZONING OFFICE AND THE CITY OF GILLET

PORTIONS OF THIS BOUNDARY ARE BASED ON THE SUBDIVISION OF SECTION 22, ON FILE IN THE OCONTO COUNTY SURVEYOR'S OFFICE

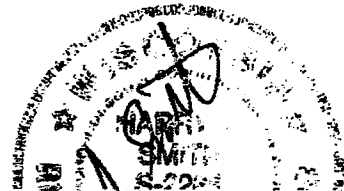
SHEET ONE OF THREE



Bearings referenced to the north line of the NW 1/4 of Section 22, T28N R18E, RECORDED TO BEAR S89°24'26"E (WCCSOC)



GRAPHIC SCALE  
1 inch = 100 ft.



REGISTER OF DEEDS  
... 25 ... 100

**SURVEYOR'S CERTIFICATE**

I, Harry J. Smith, Registered Land Surveyor, hereby certify that by the order of Rick Raatz of the City of Gillett, owners of lands described in Volume 556 Records, Page 538 and Volume 1252 Page 294 and City of Gillett Community Development Authority, owners of lands described in Volume 1576 Records, Page 304 of the Oconto County Registry, I have surveyed and mapped all of Outlot 1, Outlot 4 and Outlot 9, and Part of Outlot 5 of the Assessor's Plat of the City of Gillett and all of Lot 1 of Certified Survey Recorded in Volume 21 CSM's Page 19 and part of the Northeast quarter of the Northwest quarter and part of the Southeast quarter of the Northwest quarter of Section 22, Township 28 North, Range 18 East, City of Gillett, Oconto County, Wisconsin, more particularly described as follows:

Commencing at the North quarter corner of said Section 22, Thence South 32 degrees 01 minutes 32 seconds West, a distance of 1498.82 ft. to the **POINT OF BEGINNING**;  
 Thence South 28 degrees 25 minutes 41 seconds East, a distance of 100.24 ft.;  
 Thence South 65 degrees 31 minutes 05 seconds West, a distance of 144.69 ft.;  
 Thence South 03 degrees 09 minutes 12 seconds East, a distance of 127.23 ft.;  
 Thence along a curve to the right, having a radius of 1959.87 ft., a long chord which bears South 85 degrees 42 minutes 25 seconds East, 102.38 ft., a distance of 102.39 ft.;  
 Thence South 01 degrees 36 minutes 57 seconds West, a distance of 100.28 ft.;  
 Thence along a curve to the left, having a radius of 1859.87 ft., a long chord which bears South 87 degrees 30 minutes 06 seconds West, 550.75 ft., a distance of 552.79 ft.;  
 Thence along a curve to the right, having a radius of 914.09 ft., a long chord which bears North 21 degrees 59 minutes 45 seconds East, 74.83 ft., a distance of 74.85 ft.;  
 Thence North 65 degrees 30 minutes 11 seconds East, a distance of 28.71 ft.;  
 Thence along a curve to the right, having a radius of 889.05 ft., a long chord which bears North 33 degrees 57 minutes 40 seconds East, 373.54 ft., a distance of 376.34 ft.;  
 Thence South 37 degrees 25 minutes 16 seconds East, a distance of 97.82 ft.;  
 Thence North 65 degrees 31 minutes 05 seconds East, a distance of 225.99 ft. to the **POINT OF BEGINNING...**

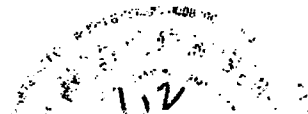
Together with and subject to any easements, covenants, and restrictions of record.

This is a **RETRACEMENT CERTIFIED SURVEY MAP** for the purpose of combining tax parcels and is not a new land division of Oconto County.

The within map is a true and correct representation of the exterior boundaries of the lands surveyed and I have fully complied with the provisions of chapter 236.34 of the Wisconsin Statutes and with the Oconto County Land Divisions Ordinance in the surveying and mapping of same.

Dated this 9th day of April, 2012.

By: *Harry J. Smith*



**OWNER'S CERTIFICATE**

As owner/s, I/we hereby certify: that I/we caused the lands described and shown herein to be surveyed and mapped as represented herein. WITNESS the hand and seal of said owner/s this 10 day of January, 2013.

Irene Drake  
Irene Drake  
City of Gillett Mayor

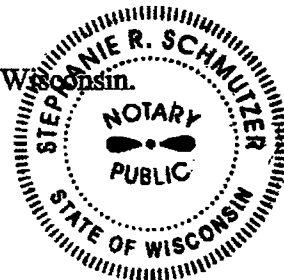
Leone Christensen  
Leone Christensen  
City of Gillett Clerk

STATE OF WISCONSIN)  
COUNTY OF \_\_\_\_\_ )SS

Personally came before me this 10 day of January, 2013 the above named Irene Drake and Leone Christensen known to me to be the persons who executed the foregoing instrument and acknowledge the same.

Stephanie R. Schmitz, Notary Public, Oconto County, Wisconsin.

My commission expires: 3-1-2015



**TREASURER'S CERTIFICATE**

As duly elected/appointed City Treasurer/County Treasurer we hereby certify: that there are no special assessments, no unredeemed tax sales and no unpaid taxes which affect the division and dedication of these lands.

Leone Christensen  
Leone Christensen, City Treasurer







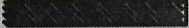



Tanya Peterson  
Victoria Goepman <sup>Trst</sup>  
Victoria Goepman, County Treasurer  
Tanya Peterson (paid through 2011)

**CERTIFICATE OF THE CITY COUNCIL**

Approved this 7 day of January, 2013 by the City Council of the City of Gillett.

F.3. Verification of Zoning

LEGEND

SAFE ZONE BORDER	
SINGLE / 2 FAMILY RESIDENCE	
COMMERCIAL	
INDUSTRIAL	
MUTLI-FAMILY RESIDENCE	
FUTURE DEVELOPMENT	
PARKS & PUBLIC LANDS	
MOBILE HOME	
SCHOOL ZONE	
CHURCHES	

VARIANCES:

- 318 ROBINHOOD LANE
- 209 HARDING AVENUE

HOME OCCUPATIONS:

- 125 FIRST STREET
- 224 FIRST STREET
- 104 -108 N. RICHMOND AVENUE
- RIDGEWOOD HEIGHTS

F.3. Verification  
of Zoning

CAMPGROUND  
PARKS & PUBLIC LANDS



#### F.4. Signed Statement

WDNR BRRTS Case #: 03-43-560923

WDNR Site Name: Nicolet Trails Campground

#### 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:

William W. Pecha, Mayor - City of Gillett  
(print name/title)

William W. Pecha                      1-20-17  
(signature)                                      (date)



## **Attachment G/Notifications to Owners of Affected Properties**

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

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

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

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