

# GIS REGISTRY

## Cover Sheet

May, 2009  
(RR 5367)

### Source Property Information

BRRTS #: 03-63-001438

ACTIVITY NAME: Vernon County Highway Department Hillsboro

PROPERTY ADDRESS: 133 East Madison

MUNICIPALITY: Hillsboro

PARCEL ID #: 62-236-657-0001

CLOSURE DATE: Sep 22, 2009

FID #:

DATCP #:

COMM #: 54634902033

#### \*WTM COORDINATES:

X: 492835 Y: 353263

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

#### WTM COORDINATES REPRESENT:

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

#### Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

Soil Contamination > \*RCL or \*\*SSRCL (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

#### Land Use Controls:

N/A (Not Applicable)

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations  
between non-industrial and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for  
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic  
development corporation)*

#### Monitoring Wells:

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

Yes  No  N/A

*\* Residual Contaminant Level*

*\*\*Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #:  PARCEL ID #:

ACTIVITY NAME:  WTM COORDINATES: X:  Y:

**CLOSURE DOCUMENTS** (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Conditional Closure Letter**
- Certificate of Completion (COC)** for VPLE sites

**SOURCE LEGAL DOCUMENTS**

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.  
*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. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).  
**Figure #:**                      **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

**MAPS** (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.  
*Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*  
**Figure #: 1**                      **Title: Site Location Map**
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 2**                      **Title: Site Map**
- Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #:**                      **Title:**

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ACTIVITY NAME: Vernon County Highway Department Hillsboro

**MAPS (continued)**

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

**Figure #: 7 Title: Post-Remediation Cross Section Locations**

**Figure #: 7A, 7B Title: Post-Remediation Cross-Section A-A', Post-Remediation Cross-Section B-B'**

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

**Note:** This is intended to show the total area of contaminated groundwater.

**Figure #: Title: MTBE in Groundwater**

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

**Figure #: 9 Title: Approximate Groundwater Contours**

**Figure #: Title:**

**TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))**

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.  
**Note:** This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

**Table #: 3 Title: Summary of Soil Data**

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

**Table #: 6, 7 Title: Summary of Groundwater Chemistry Data - Post-Remediation & Geoprobe Data**

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

**Table #: 8 Title: Summary of Groundwater Elevations**

**IMPROPERLY ABANDONED MONITORING WELLS**

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

**Note:** If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

**Note:** If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

**Figure #: Title:**

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-63-001438

ACTIVITY NAME: Vernon County Highway Department Hillsboro

## NOTIFICATIONS

### Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

### Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

**Note:** Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

**Number of "Off-Source" Letters: 1**

- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.

**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.

- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

**Number of "Governmental Unit/Right-Of-Way Owner" Letters:**

## Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

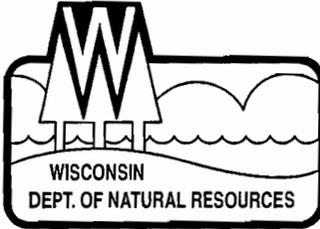
**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #:

ACTIVITY NAME:

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
<input type="text" value="A"/>	<input type="text" value="1056 Crest Avenue, Hillsboro"/>	<input type="text" value="236-657"/>	<input type="text" value="492917"/>	<input type="text" value="353290"/>
<input type="text" value="B"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="C"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="D"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="E"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="F"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="G"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="H"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="I"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

FILE COPY



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Scott Humrickhouse, Regional Director

West Central Region Headquarters  
1300 W. Clairemont Avenue  
PO Box 4001  
Eau Claire, Wisconsin 54702-4001  
Telephone 715-839-3700  
FAX 715-839-6076  
TTY Access via relay - 711

September 22, 2009

Mr. Virgil Hanold  
Vernon County Highway Department  
P.O. Box 232  
Viroqua, WI 54665

Subject: Final Case Closure  
Vernon County Highway Department Garage, 133 E. Madison, Hillsboro, WI  
WDNR BRRTS Activity #: 03-63-001438

Dear Mr. Hanold:

On October 7, 2005, the West Central Region Closure Committee reviewed your request for closure of the case described above. This committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. Closure was denied because relevant information was missing and additional sampling was needed. On May 4, 2006, you were notified that conditional closure had been granted to this case because the requested requirements had been met, with the exception of monitoring well abandonment.

On May 8, 2006, the Department received information or documentation indicating that you have complied with the requirements for final closure. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wisconsin Administrative Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

GIS Registry

The conditions of case closure set out below in this letter require that this site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Groundwater contamination is present above Chapter NR 140 enforcement standards

This letter and information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If the property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior

Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

#### Residual Groundwater Contamination

Groundwater impacted by petroleum contamination is present on this property, and groundwater impacted by petroleum contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present off-site on the City of Hillsboro Garage property. Off-property owners have been notified of the presence of groundwater contamination. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

#### Post-Closure Notification Requirements

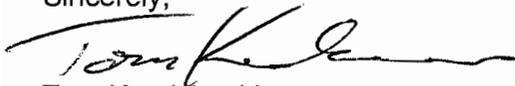
In accordance with ss, 292.12 and 292.13, Wis. Stats., you must notify the Department before making changes that affect or relate to the conditions of closure in this letter. For this case, an example of a changed condition requiring prior notification includes, but is not limited to:

- One or more monitoring wells that were not located is found and properly abandoned

Written notifications in accordance with the above requirement must be sent to the West Central Region Eau Claire office, to the attention of Beth Norquist, Remediation & Redevelopment Environmental Program Associate.

The Department 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 me at 715-839-1604.

Sincerely,



Tom Kendzierski  
Hydrogeologist  
Bureau for Remediation & Redevelopment

cc: Cindy Zelenka, Central Wisconsin Engineers & Architects, Inc., 5707 Schofield Ave., P.O. Box 107, Weston, WI, 54476-0107  
Gena Larson, Department of Commerce (email)



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Jim Doyle, Governor  
Scott Hassett, Secretary  
Scott Humrickhouse, Regional Director

West Central Region Headquarters  
1300 W. Clairemont Avenue  
PO Box 4001  
Eau Claire, Wisconsin 54702-4001  
Telephone 715-839-3700  
FAX 715-839-6076  
TTY Access via relay - 711

May 4, 2006

Mr. Virgil Hanold  
Vernon County Highway Department  
P.O. Box 232  
Viroqua, WI 54665

Subject: Conditional Closure Decision With Requirements to Achieve Final Closure,  
Vernon County Highway Dept. Garage, 133 E. Madison, Hillsboro, Wisconsin  
WDNR BRRTS Activity # 03 63 001438

Dear Mr. Hanold:

The WDNR West Central Region Closure Committee has reviewed your request for closure of the case described above. The WDNR West Central Region Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, and the submittals received in April 2006 in response to our October 2005 Closure Denial letter, the WDNR West Central Region Closure Committee has determined that the petroleum contamination on the site from the underground storage tanks and spills appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

**MONITORING WELL ABANDONMENT**

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Tom Kendzierski at the WDNR Eau Claire Service Center on Form 3300-5B found at [www.dnr.state.wi.us/org/water/dwg/gw/](http://www.dnr.state.wi.us/org/water/dwg/gw/) or provided by the Department of Natural Resources.

**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 Department of Natural Resources' 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.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit <http://maps.dnr.state.wi.us/brrts>.

If this is a PECFA site, section 101.143, Wis. Stats., requires that 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 by the PECFA Program 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.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715 839 1604.

Sincerely,



Tom Kendzierski  
Hydrogeologist  
Bureau for Remediation & Redevelopment

Enclosure

cc: Ms. Cindy Zelenka, CWE  
Ms. Gena Larson, Commerce



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Jim Doyle, Governor  
Scott Hassett, Secretary  
Scott Humrickhouse, Regional Director

West Central Region Headquarters  
1300 W. Clairemont Avenue  
PO Box 4001  
Eau Claire, Wisconsin 54702-4001  
Telephone 715-839-3700  
FAX 715-839-6076  
TTY Access via relay - 711

October 7, 2005

**RECEIVED**

OCT 13 2005  
CZ (7)

Mr. Virgil Hanold  
Vernon County Highway Dept.  
P.O. Box 232  
Viroqua, WI 54665

Subject: Case Closure Denial (missing GIS Registry packet, off-site notification, and fees)  
Vernon Co. Highway Dept. Garage, 133 E. Madison, Hillsboro, Wisconsin  
WDNR BRRTS Activity # 03-63-001438

Dear Mr. Hanold:

The Department of Natural Resources West Central Region Closure Committee reviewed your request for closure of the case described above. The West Central Region Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of your closure request, the closure committee has denied closure because additional requirements must be met. The purpose of this letter is to inform you of the remaining requirements for obtaining closure, and to request your written response within 60 days of receiving this letter.

Your site was denied closure because while it is true that the latest MTBE results for MW-6P were above the ch. NR 140 preventive action limit (PAL), it had been above the ch. NR 140 enforcement standard (ES) during the previous three rounds. One result is not enough to show that the ES is not likely to be exceeded in the future. Therefore, the site does not yet qualify for a PAL exemption under the terms for an exemption required in NR 140.28 Wis. Admin. Code.

Based on site risk, some sites with results above the NR 140 ES can be closed conditionally. In this case, your options would be to either request the site be put on the GIS Registry as public notice of the residual groundwater contamination, or you can continue monitoring until the site qualifies for a PAL exemption or is below the PAL. If you choose the monitoring option, you would probably have to monitor at least until a declining trend is demonstrated and the latest four round average is below the ES.

**OFF-SOURCE GROUNDWATER CONTAMINATION**

The latest round at MW-6P showed an analytical result above the PAL for MTBE. The site map indicates that MW-6P is apparently on property owned by the City of Hillsboro. For closure, Section NR 726.05(2)(b)4, Wis. Adm. Code requires you to provide written notice of the presence of residual groundwater contamination to the owner of any properties that you do not own near this site if they are affected by groundwater contamination.

This same section of the code requires proof that these letters were received at least 30 days prior to the date on which the agency completes its review of the closure report, and that they be included in the GIS Registry attachment to the closure report.

Note: All letters sent to landowners whose property has groundwater contamination exceeding ch. NR 140 enforcement standards at the time case closure is requested must use the template letter found in Appendix A in ch. NR 726.

#### **PURGE WATER, WASTE AND SOIL PILE REMOVAL**

Any remaining monitoring well 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 Department of Natural Resources' rules. Once that work is completed, please send a letter documenting that any remaining purge water, waste and/or soil piles have been removed.

#### **MONITORING WELL ABANDONMENT**

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Tom Kendzierski on Form 3300-5B found at [www.dnr.state.wi.us/org/water/dwg/gw/](http://www.dnr.state.wi.us/org/water/dwg/gw/) or provided by the Department of Natural Resources. NOTE: MONITORING WELLS SHOULD BE ABANDONED ONLY IF ALL OTHER REQUIREMENTS OF CLOSURE ARE MET.

To summarize, the following needs to be done to get this site to closure:

- Decide if you want to continue sampling the wells at least until MW-6P meets the criteria for a NR 140 PAL exemption, or if you want to put the site on the GIS Registry for groundwater.

If you choose to continue sampling, ignore the rest of the items on this list at this time. The site will not close until the NR 726 criteria are met.

- If you choose to put the site on the GIS Registry for groundwater, submit the required information for the groundwater GIS Registry along with the \$250 fee. The GIS Registry submittal must be complete. Find a checklist for this purpose at; <http://www.dnr.state.wi.us/org/aw/rr/archives/pubs/RR688.pdf>
- Remove any remaining investigative waste from the site.
- Abandon the monitoring wells.

When all the above requirements have been satisfied, please submit a letter, together with any required documentation, to let me know that applicable requirements have been met. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. The GIS Registry packet(s) that you submit subsequent to this letter will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit <http://maps.dnr.state.wi.us/brrts>.

Note: case closure will be approved only if all the above requirements have been satisfied, including submitting the required documentation to the Department **Please satisfy these requirements within 60 days of the date of this letter. If these requirements have not been met your site will remain "open" and additional remedial actions may be necessary by you to eliminate the need for these requirements.**

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 839-1604.

Sincerely,



Tom Kendzierski  
Hydrogeologist  
Remediation & Redevelopment

~~cc~~ Cindy Zelenka, Central Wisconsin Engineers & Architects, Inc., 5707 Schofield Ave.,  
P.O. Box 107, Weston, WI 54476-0107  
David Swimm, WI Dept of Commerce, Bureau of PECFA, P.O. Box 8044,  
Madison, WI 53708-8044

NUMBER  
207499

This Indenture, Made this 14th day of March, A. D., 19 55,

between City of Hillsboro, Vernon County, Wisconsin, a Municipal Corporation  
part Y of the first part, and  
Vernon County, Wisconsin, a Municipal Corporation  
part y of the second part.

WITNESSETH, That the said party of the first part, for and in consideration of the sum of

One Dollar and other good and valuable considerations  
to it in hand paid by the said part y of the second part, the receipt whereof is hereby confessed and acknowledged, ha S  
given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do ~~es~~ give, grant, bargain, sell, remise, release,  
alien, convey and confirm unto the said part y of the second part, its successors and assigns forever, the following described real estate,  
situated in the County of Vernon, and State of Wisconsin, to-wit:

A parcel of land in the Northeast one-quarter, Section 35, Township 14 North, Range 1 East,  
City of Hillsboro, Vernon County, Wisconsin, more particularly described as follows:  
Commencing at the Southwest corner of Lot 3, Block 3, of Klopffleisch's Addition to the  
Village (Now City) of Hillsboro, Thence South 50 degrees East 16 rods more or less to the  
northwesterly right-of-way line of the Hillsboro and Northeastern Railway Co., thence North  
51 degrees 52 minutes East along said right of way 100 feet to the point of beginning,  
thence North 38 degrees and 8 minutes West perpendicular to said Railway right-of-way 139.3  
feet, thence North 51 degrees 52 minutes East parallel to said Railway right-of-way 312.5  
feet, thence South 38 degrees 8 minutes East perpendicular to said railway right-of-way  
139.3 feet to the said Hillsboro and Northeastern Railway right-of-way, thence South 51  
degrees 52 minutes West 312.5 feet along said right-of-way to the point of beginning. The  
above parcel contains one acre of land, more or less.

State of Wisconsin  
County of Vernon

This document is a full, true and correct  
copy of the original on file and of record  
in my office and has been compared by me.

Attest: DEC 22 2003  
Betty J. Bolton by  
Betty J. Bolton, Register of Deeds  
Maureen E. Marx, Deputy

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

TO HAVE AND TO HOLD the said premises as above described with the hereditaments and appurtenances, unto the said part y of the second  
part, and to its successors ~~here~~ and assigns FOREVER.

AND THE SAID City of Hillsboro, Vernon County, Wisconsin, a Municipal Corporation

for itself, its successors and assigns ~~here~~ do covenant, grant, bargain and agree to and with the said  
part y of the second part, its successors ~~here~~ and assigns, that at the time of the ensembling and delivery of these presents  
it is well seized of the premises above described, as of a good, sure, perfect, absolute and  
indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever,

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

IN WITNESS WHEREOF, the said part y of the first part ha S hereunto set its hand and seal this 14th  
day of March, A. D., 19 55.

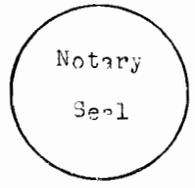
Signed and Sealed in Presence of  
Emogene Finch  
Emogene Finch  
Angelene Wong  
Angelene Wong

CITY OF HILLSBORO, VERNON COUNTY WISCONSIN, A MUNICIPAL CORPORATION (SEAL)  
By: E. V. Hofmeister Mayor (SEAL)  
E. V. Hofmeister (SEAL)  
Vera Saltz Clerk (SEAL)  
Vera Saltz (SEAL)

STATE OF WISCONSIN,  
County of Vernon ~~here~~ } ss.

Personally came before me, this 14th day of March, A. D., 19 55,  
E. V. Hofmeister, Mayor, and Vera Saltz, Clerk of the above named Corporation, to me known  
~~the above named~~ to be the persons who executed the foregoing instrument, and to me known to be  
such Mayor and Clerk of said Corporation, and acknowledged that they executed the foregoing  
instrument as such officers as the deed of said Corporation, by its authority.

Received for Record this 18 day of  
March A. D., 19 55, at 11:45 o'clock A. M.  
Earl Ficht Register of Deeds,  
Deputy.



Emogene Finch  
Notary Public, Vernon County, Wis.  
My Commission expires Feb. 8, A. D., 19 59

WARRANTY DEED

300528

THIS SPACE RESERVED FOR RECORDING DATA

Vol 291 PAGE 582

This Deed, made between City of Hillsboro, Wisconsin, a municipal corporation

Grantor, and Vernon County, Wisconsin, a municipal corporation

Register's Office Vernon Co. Wis. Recd for record this 16 day of May 19 85 at 11:10 o'clock A.M. and Recorded in Vol 291 of Records on Page 582

Handwritten signature of Tara J. Helmond, Register of Deeds

Witnesseth, That the said Grantor, for a valuable consideration One and 00/100 (\$1.00) Dollar and other good and valuable consideration conveys to Grantee the following described real estate in Vernon

County, State of Wisconsin:

A parcel of land located in the East one-half of the Northeast quarter (E 1/2 NE 1/4), Section 35, T14N, R1E, City of Hillsboro, Vernon County, Wisconsin which is bounded by a line described as follows: Commencing at the southwest corner of Lot 3, Block 3 of Klopfleisch's Addition to the City of Hillsboro; thence S50°55'55"E, 70.00 feet to a point on the southeasterly right-of-way line of Crest Avenue; thence N39°04'05"E, 75.60 feet along the southeasterly right-of-way line of Crest Avenue; thence S48°47'00"E, 77.13 feet; thence N41°13'00"E, 50.18 feet to the southwest deed corner of the Vernon County Garage property and the point of beginning of this description; thence N49°52'53"E, 74.06 feet; thence N50°55'55"W, 92.85 feet to the easterly right-of-way of Crest Avenue; thence N39°04'05"E, 200.00 feet along said right-of-way; thence S45°59'40"E, 139.07 feet to the westerly deed line of the Vernon County Garage; thence S51°56'32"W, 267.50 feet along said deed line to the point of beginning. Said parcel contains 0.52 acre, more or less, and is subject to all easements and rights-of-way of record.

Tax Parcel No:

6.00 Pd RETURN TO Endicott & Monson 640 Water Ave. Hillsboro, WI 54634

Reserving a right of reversion unto the Grantor, to wit: The Grantee shall not convey the premises to any party other than the Grantor herein, and in the event the Grantee ceases to utilize the premises for public purposes, this deed shall become forfeited, and the premises herein described

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

(cont. on back)

Together with all and singular the hereditaments and appurtenances thereunto belonging;

And City of Hillsboro, Wisconsin, a municipal corporation warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except

None

FEE # 77.25(2) EXEMPT

and will warrant and defend the same

Dated this 21st day of November, 19 84

State of Wisconsin County of Vernon

City of Hillsboro, Wisconsin

This document is a full, true and correct copy of the original on file and of record in my office and has been compared by me:

(SEAL) By: Wayne Peterson (SEAL)

\* Wayne Peterson, Mayor

Attest: DEC 22 2003

(SEAL) By: Rockford F. Johnson (SEAL)

\* Rockford F. Johnson, City Clerk

Betty J. Bolton, Register of Deeds Macla E. Marx, Deputy

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s)

STATE OF WISCONSIN

authenticated this day of

Vernon County, ss.

TITLE: MEMBER STATE BAR OF WISCONSIN

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

Personally came before me this 21st day of November, 19 84 the above named Wayne Peterson & Rockford F. Johnson, to me known to be the Mayor and Clerk respectively, of the City of Hillsboro, Vernon Co. Wisconsin, and to me known to be the persons who executed the foregoing in such capacity and acknowledged the same as the deed of the City of Hillsboro.

THIS INSTRUMENT WAS DRAFTED BY Endicott & Monson - Wm. H. Rudolph 640 Water Ave., Hillsboro, WI 54634 (Signatures may be authenticated or acknowledged. Both are not necessary.)

Notary Public in and for Vernon County, Wis. My Commission is permanent. (If not, state expiration date: 19 )

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

300528

Vol 291 PAGE 583

and all the rights herein conveyed, shall at once revert to and revest in and become the property of said Grantor, without any declaration of forfeiture or act of re-entry, and without any other act by said Grantor to be performed, and without any right of said Grantee to reclamation or compensation for moneys paid or improvements made, as absolutely, fully, and perfectly as if this deed had never been made. Upon the happening of said contingency, the Grantee shall forthwith convey the premises to the Grantor by warranty deed in fulfilment of this right of reversion.

200498/ between Frank A. Machovec and Mary Machovec, his wife, Emil E. Machovec and Vercella Machovec, his wife

part 1e g

City of Hillsboro

121 354

part y

WITNESSETH, That the said part 1e g of the first part, for and in consideration of the sum of Three Thousand Three Hundred and no/100 (\$3300.00) Dollars

to them in hand paid by the said part y of the second part, the receipt whereof is hereby confessed and acknowledged, given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, alien, convey and confirm unto the said part y of the second part, its heirs and assigns forever, the following described premises situated in the County of Vernon, and State of Wisconsin, to-wit:

A parcel of land described as, beginning at the SE corner of Lot 5, Block 2, of the New Addition to the Village of Hillsboro, Vernon Co., Wisconsin, thence North 38 degrees East about 250 feet; thence North 50 degrees East about 54 feet; thence south 38 degrees west about 250 feet to the line of above Lot 5, thence South 50 degrees East along said Lot 5 to the place of beginning, being about 54 feet, said parcel being a part of the W 1/2 of the NE 1/4 of Sec. 35, Township 14 of Range 1 East. Also a piece commencing at the SW corner of lot 6 Block 2 of the New Addition to the Village of Hillsboro, Wis; thence South 50 degrees east 4 rods; thence north 38 degrees east about 250 feet; thence north 50 degrees west 4 rods to the line of New Addition to the Village of Hillsboro; thence South 38 degrees west about 250 feet along the line of the New Addition and to the place of beginning, said parcel being a part of W 1/2 of NE 1/4 of Sec. 35, Township 14 North of Range One East. Also Commencing at the Southwest corner of Lot 3, Block 3 of the New Addition to the Village of Hillsboro, Wis; thence north 38 degrees east along the line of the said New Addition to the Village of Hillsboro, Wis., about 51 rods; thence south 51 degrees east 11 rods and 14 links; thence south 43 degrees west 4 rods and 10 links; thence south 17 degrees east 6 rods and 14 links; thence south 9 degrees west 7 rods and 13 links; thence south 51 degrees west 11 rods and 23 links; thence north 45 degrees west 4 rods and 15 links; thence south 51 degrees west about 25 rods to lands deeded to Jane Shesler; thence north 50 degrees about 16 rods to the place of beginning. Said parcel containing 7 acres of land more or less and being a part of the NE 1/4 of Sec. 35, Township 14 North, Range 1 East, Vernon County, Wisconsin. Subject to an easement to the Wisconsin Telephone company.

TOGETHER with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all title, interest, claim or demand whatsoever, of the said part 1e g of the first part, either in law or equity, either in possession or expectancy, of the above bargained premises, and their hereditaments and appurtenances.

TO HAVE AND TO HOLD the said premises as above described with the hereditaments and appurtenances, unto the said part y of the second part, and to its heirs and assigns FOREVER.

AND THE SAID Frank A. Machovec and Mary Machovec, his wife, Emil E. Machovec and Vercella Machovec, his wife

for themselves, their heirs, executors and administrators, do covenant, grant, bargain and agree to and warrant unto the said part y of the second part, his heirs and assigns, that at the time of the sealing and delivery of this instrument they are well seized of the premises above described, as of a good, sure, perfect and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever,

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

IN WITNESS WHEREOF, the said parties of the first part have hereunto set their hands and seals this 11th day of February, A. D., 19 52.

Signed and Sealed in Presence of Harry T. Jordan Harry T. Jordan

Loretta Wadleigh Loretta Wadleigh

STATE OF WISCONSIN, Vernon County, } ss.

Personally came before me, this

14th

day of February

Frank A. Machovec Frank A. Machovec

Mary Machovec Mary Machovec

Emil E. Machovec Emil E. Machovec Vercella Machovec Vercella Machovec

the above named Frank A. Machovec and Mary Machovec, his wife; Emil E. Machovec and Vercella Machovec, his wife

to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Received for Record this 11th day of

March A. D., 19 52, at 11:30 o'clock P. M.

Wm. Kotvis Register of Deeds.



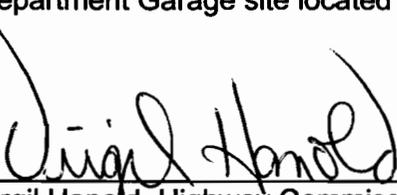
Notary Public,

Loretta Wadleigh Loretta Wadleigh Vernon



## RESPONSIBLE PARTY STATEMENT

By signing this document, I, Virgil Hanold, attest that the legal description on the Indenture (Document Number 207499), dated March 14, 1955 and recorded in Volume 123 page 5, and the Warranty Deed (Document Number 300528), recorded in Volume 291 pages 582-583 on May 6, 1985 in the Vernon County Register's Office, are correct for the Vernon County Highway Department Garage site located at 133 East Madison, in Hillsboro, Wisconsin.



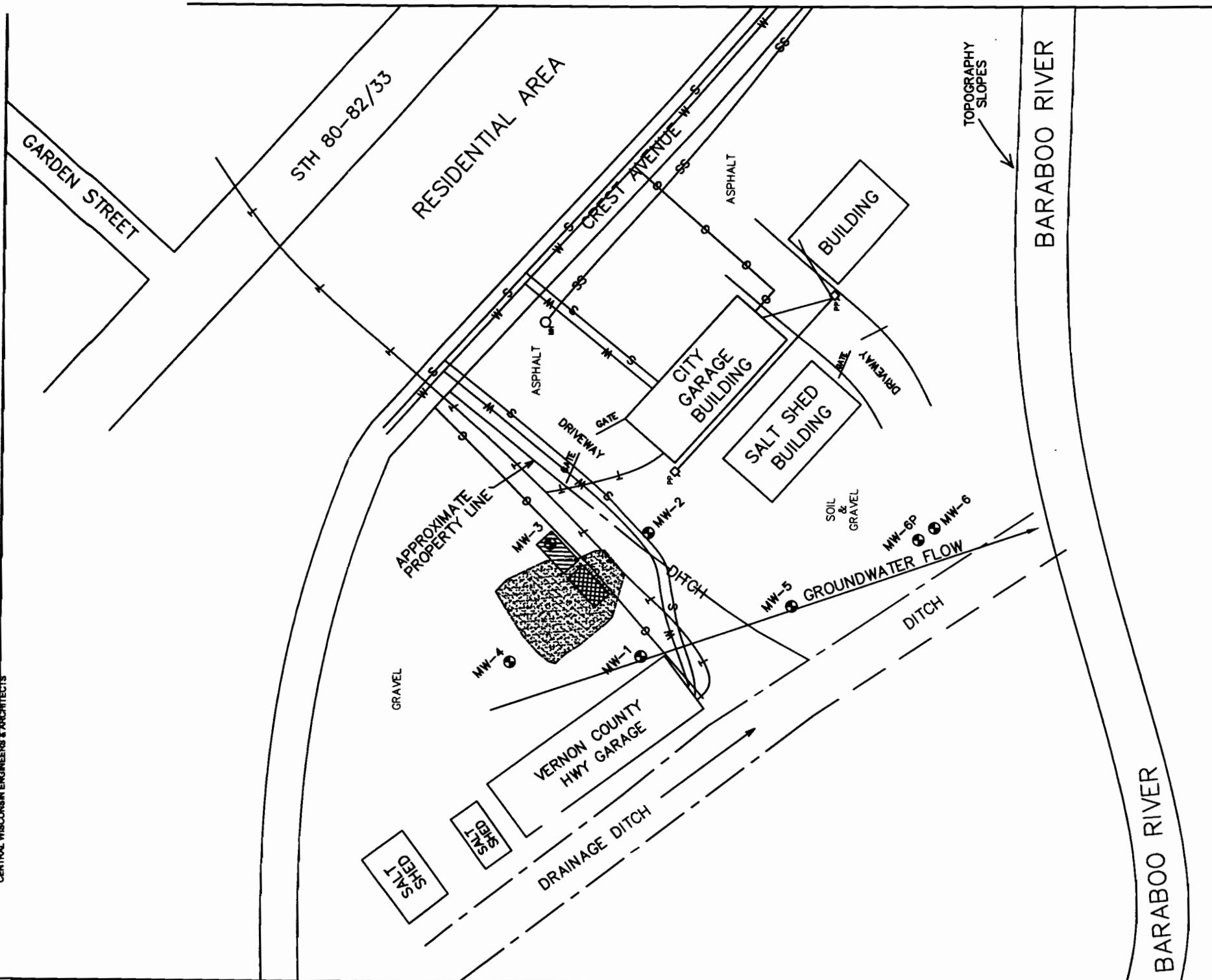
Virgil Hanold, Highway Commissioner  
Vernon County Highway Department

March 28<sup>th</sup>, 2006  
Date

RECEIVED  
MAR 31 2006

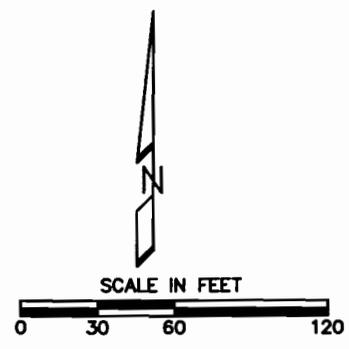


CENTRAL WISCONSIN ENGINEERS & ARCHITECTS



**LEGEND**

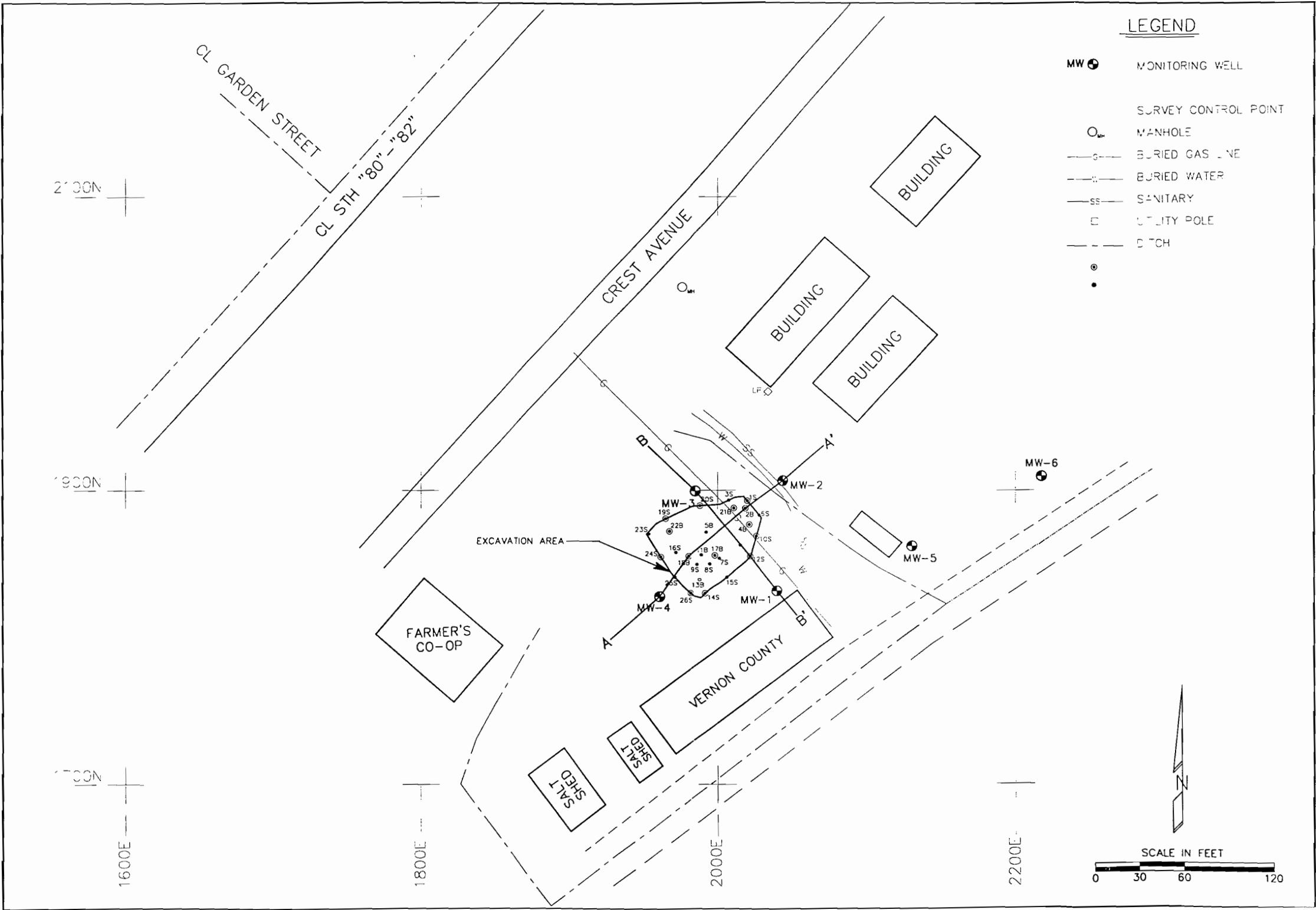
- MW ● MONITORING WELL
- MANHOLE
- BURIED GAS LINE
- #— BURIED WATER
- T— BURIED TELEPHONE LINE
- S— SANITARY
- UTILITY POLE
- DITCH
- FORMER 1000-GAL DIESEL TANK AND DISPENSER
- FORMER 1000-GAL GASOLINE TANK AND DISPENSER
- EXCAVATION AREA DECEMBER, 1996



5707 SCHAFFIELD AVENUE  
MILWAUKEE, WISCONSIN 53227  
PHONE: (715) 338-4400  
FAX: (715) 338-4198  
www.centralwisconsin.com  
http://www.centralwisconsin.com

PROJECT:  
SITE MAP  
VERNON COUNTY HIGHWAY DEPARTMENT  
HILLSBORO, WISCONSIN

PROJECT NO: 17129670	DRAWN BY: A.J.K.
DWG NO: 03-63-001438	CHECKED BY:
CAD FILE: L:\Vernon\17129670.dwg	APPROVED BY:
FIGURE: 2	DATE: 05.02



**LEGEND**

- MW ⊙ MONITORING WELL
- ⊙ SURVEY CONTROL POINT
- ⊙ MANHOLE
- G— BURIED GAS LINE
- W— BURIED WATER
- SS— SANITARY
- UTILITY POLE
- - - DITCH
- ⊙
- 

**CENTRAL WISCONSIN ENGINEERS AND ARCHITECTS, INC.**  
 WESTON, WISCONSIN 54476  
 5707 SCHOFIELD AVENUE  
 PHONE: (715) 359-9400 FAX: (715) 355-4199

PROJECT:  
 POST-REMEDIATION  
 CROSS SECTION LOCATIONS  
 VERNON COUNTY HIGHWAY DEPARTMENT  
 HILLSBORO, WISCONSIN

DRAWN BY: H.S.  
 CHECKED BY: [Signature]  
 APPROVED BY: [Signature]  
 DATE: 07/00  
 PROJECT NO: 17129670  
 DNR NO: 03-63-001438

FIGURE: 7

CAD FILE: [unclear]  
 Figure 7.dwg

**WME**  
**AND ARCHITECTS, INC.**  
 CENTRAL WISCONSIN ENGINEERS

PHONE: (715) 359-9400  
 5707 SCHOFIELD AVENUE WESTON, WISCONSIN 54476  
 FAX: (715) 355-4199

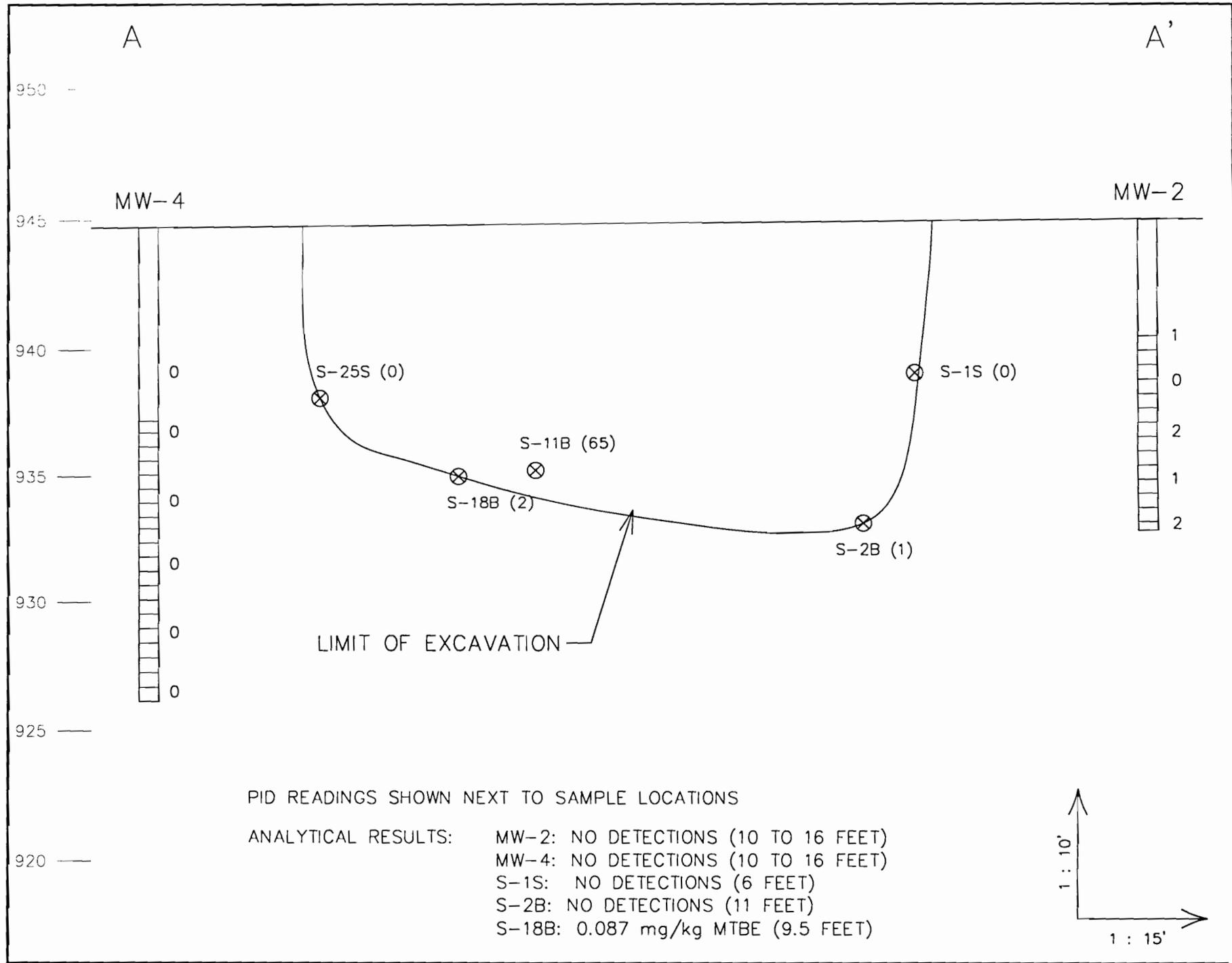
PROJECT:  
 VERNON COUNTY HIGHWAY DEPARTMENT  
 HILLSBORO, WISCONSIN

POST-REMEDIATION  
 CROSS-SECTION A-A'

DRAWN BY:  
 H.S.  
 CHECKED BY:  
 APPROVED BY:  
 DATE: 07/00  
 PROJECT NO:  
 17129570  
 DNR NO:  
 03-63-001438

FIGURE: 7A

CAD FILE:  
 D:\PROJECTS\REMEDIATION\Cross-Section A.dwg



PID READINGS SHOWN NEXT TO SAMPLE LOCATIONS

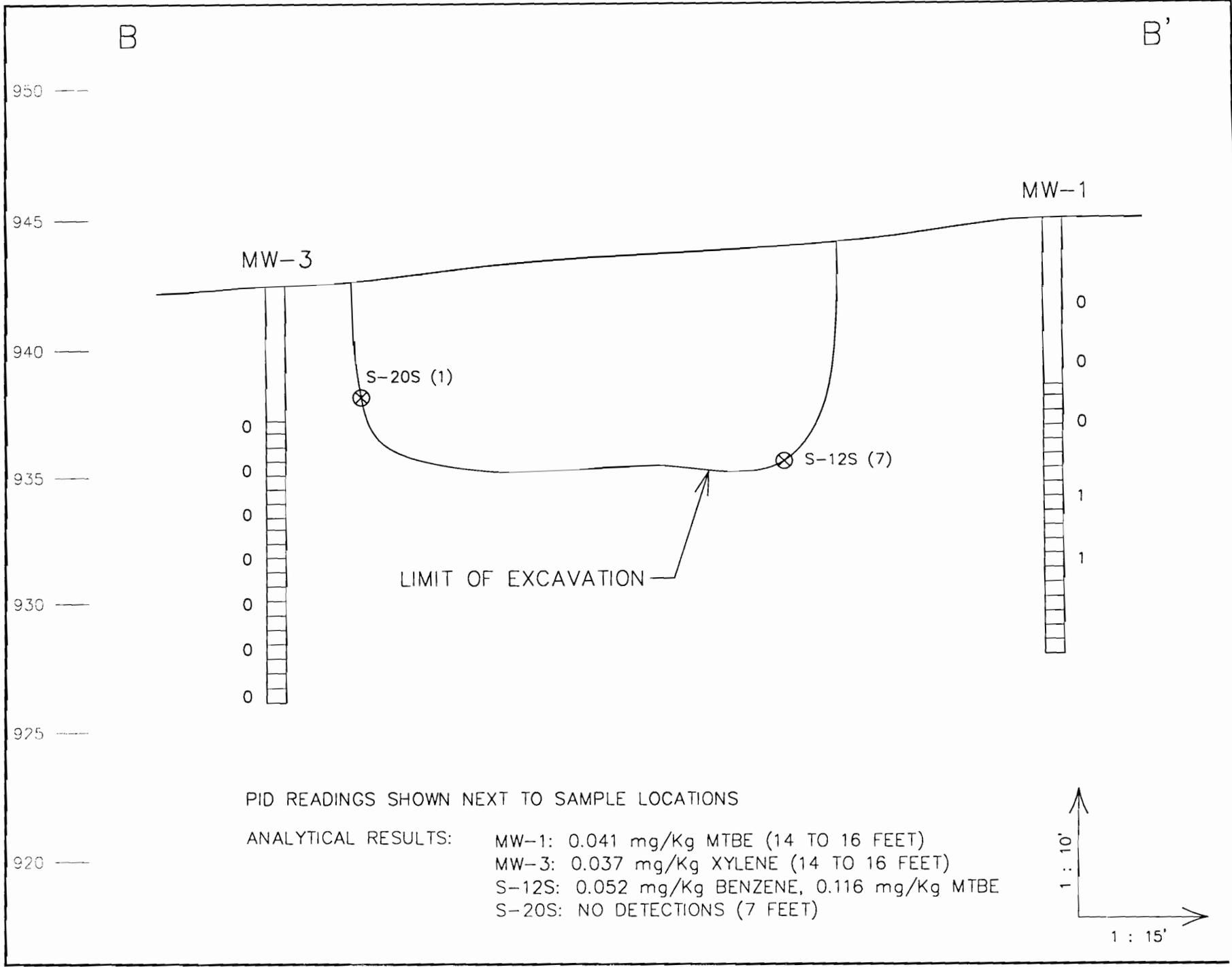
ANALYTICAL RESULTS: MW-2: NO DETECTIONS (10 TO 16 FEET)  
 MW-4: NO DETECTIONS (10 TO 16 FEET)  
 S-1S: NO DETECTIONS (6 FEET)  
 S-2B: NO DETECTIONS (11 FEET)  
 S-18B: 0.087 mg/kg MTBE (9.5 FEET)

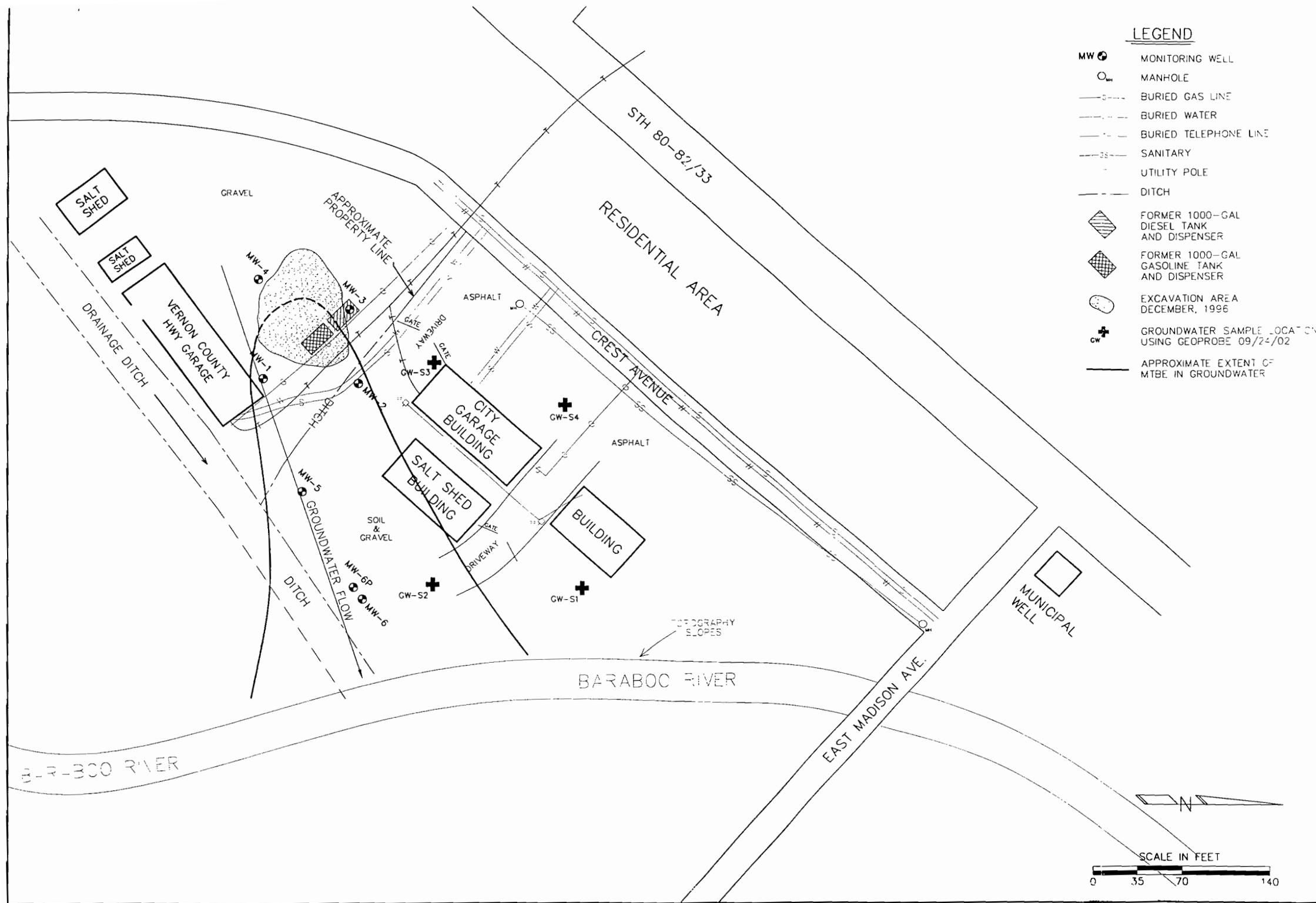
**WME**  
**CENTRAL WISCONSIN ENGINEERS**  
 AND ARCHITECTS, INC.  
 5707 SCHOFIELD AVENUE  
 WESTON, WISCONSIN 54476  
 PHONE: (715) 359-9400  
 FAX: (715) 355-4199

PROJECT:  
 VERNON COUNTY HIGHWAY DEPARTMENT  
 HILLSBORO, WISCONSIN  
 POST-REMEDIATION  
 CROSS-SECTION B-B'

DRAWN BY: H.S.  
 CHECKED BY:  
 APPROVED BY:  
 DATE: 07/00  
 PROJECT NO: 17129670  
 DNR NO: 03-63-001438

FIGURE: 1B  
 CAD FILE: 17129670.mxd  
 Cross-Section2.dwg





**LEGEND**

- MW (circle with dot) MONITORING WELL
- (circle) MANHOLE
- (dashed line) BURIED GAS LINE
- (dashed line) BURIED WATER
- (dashed line) BURIED TELEPHONE LINE
- (dashed line) SANITARY
- (dashed line) UTILITY POLE
- (dashed line) DITCH
- ▨ (diagonal lines) FORMER 1000-GAL DIESEL TANK AND DISPENSER
- ▩ (cross-hatch) FORMER 1000-GAL GASOLINE TANK AND DISPENSER
- (circle with dots) EXCAVATION AREA DECEMBER, 1996
- CW+ (cross) GROUNDWATER SAMPLE LOCATION USING GEOPROBE 09/22/02
- (dashed line) APPROXIMATE EXTENT OF MTBE IN GROUNDWATER

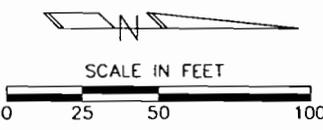
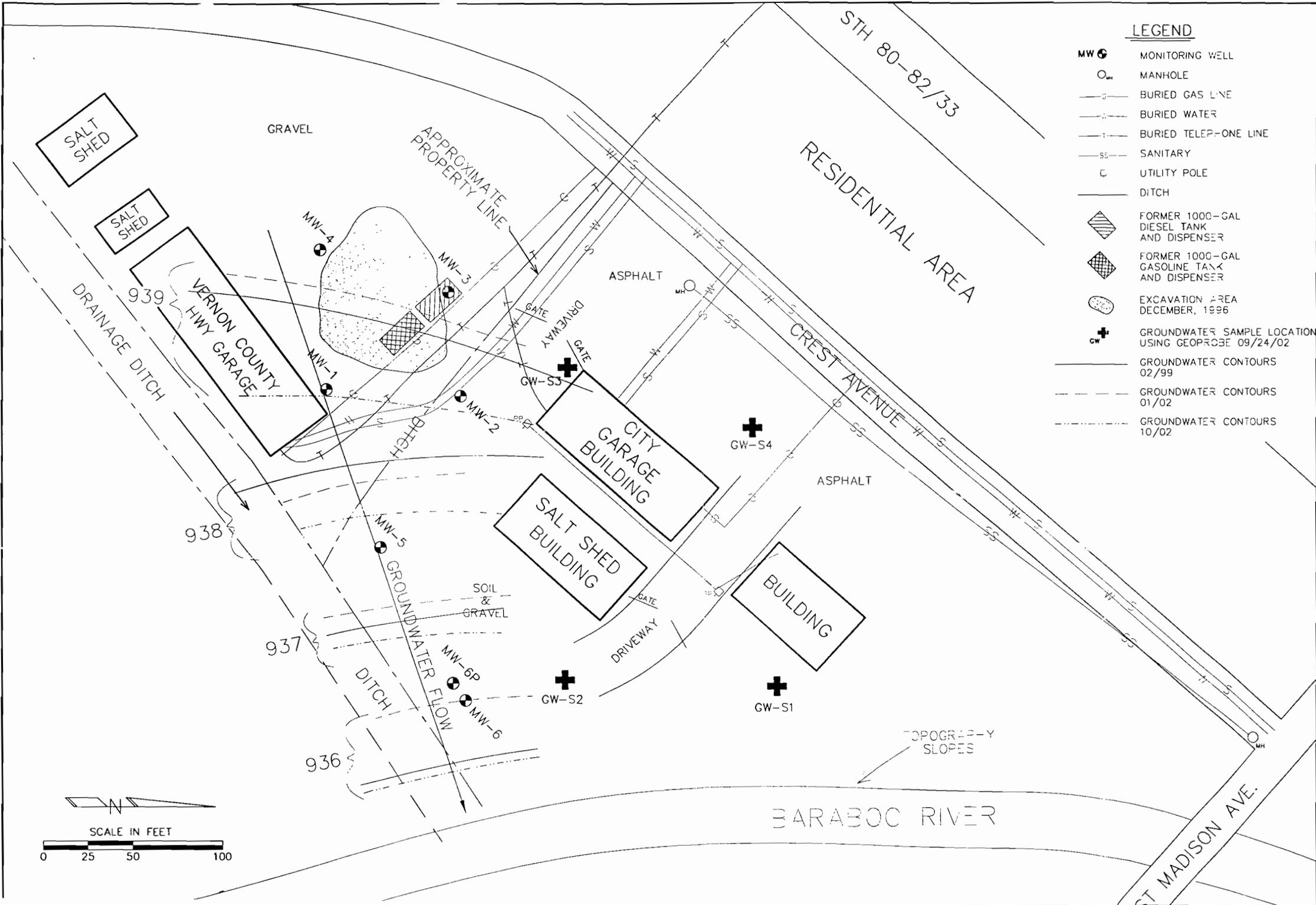
 <b>CENTRAL WISCONSIN ENGINEERS &amp; ARCHITECTS</b>
5707 SCHOFIELD AVENUE WESTON, WISCONSIN 54476 PHONE: (715) 359-9400 FAX: (715) 355-4199 general@cwengineers.com http://www.cwengineers.com
REVISIONS:
PROJECT: MTBE IN GROUNDWATER VERNON COUNTY HIGHWAY DEPARTMENT HILLSBORO, WISCONSIN
DRAWN BY: H.H.
CHECKED BY:
APPROVED BY:
DATE: 09/02
PROJECT NO: 17129670
DNR NO: 03-63-001438
<b>FIGURE: 10</b>
CAD FILE:

REVISIONS:


PROJECT:  
APPROXIMATE GROUNDWATER CONTOURS  
VERNON COUNTY HIGHWAY DEPARTMENT  
HILLSBORO, WISCONSIN

DRAWN BY:	H.H.
CHECKED BY:	
APPROVED BY:	
DATE:	09/02
PROJECT NO.:	17129670
DNR NO.:	03-63-001438
FIGURE:	9
CAD FILE:	L:\COMPL\17129670\MAP.DWG

- LEGEND**
- MW (circle with dot) MONITORING WELL
  - (circle) MANHOLE
  - (line with dashes) BURIED GAS LINE
  - (line with dots) BURIED WATER
  - (line with vertical dashes) BURIED TELEPHONE LINE
  - (line with horizontal dashes) SANITARY
  - (square) UTILITY POLE
  - (line) DITCH
  - ▨ (diagonal hatching) FORMER 1000-GAL DIESEL TANK AND DISPENSER
  - ▩ (cross-hatching) FORMER 1000-GAL GASOLINE TANK AND DISPENSER
  - ⊕ (circle with cross) EXCAVATION AREA DECEMBER, 1996
  - ⊕ (circle with cross) GROUNDWATER SAMPLE LOCATION USING GEOPROBE 09/24/02
  - (solid line) GROUNDWATER CONTOURS 02/99
  - - - (dashed line) GROUNDWATER CONTOURS 01/02
  - - - (dotted line) GROUNDWATER CONTOURS 10/02



Central Drafting Folder17129670 Vernon Collaps.dwg 02/07/03 02:31:28 PM

**Table 3**  
**Summary of Soil Data**  
**Vernon County, Hillsboro, Wisconsin**

SAMPLE I.D.	TB1-2	TB2-2	MW6P-4	NR 720 RCL <sup>2</sup>
SAMPLE DEPTH	2-4'	2-4'	12-14'	
SAMPLE COLLECTION DATE	06/06/2001			
PID Reading <sup>3</sup>	0	0	0	
<b>ANALYTICAL PARAMETERS</b>				
<b>Total Petroleum Hydrocarbons (mg/kg)</b>				
Diesel Range Organics	< 1.2	17	< 1.3	--
Gasoline Range Organics	< 0.65	< 0.65	< 0.65	--
<b>Volatile Organic Compounds<sup>1</sup></b>				
Benzene	< 9.0	< 9.0	< 9.0	5.5
Ethylbenzene	< 0.45	< 0.45	< 0.45	2,900
Methyl-tertiary-butyl ether	< 22	< 22	< 22	--
Toluene	< 4.2	< 4.2	< 4.2	1,500
1,2,4-Trimethylbenzene	< 9.9	< 9.9	< 9.9	--
1,3,5-Trimethylbenzene	< 10	< 10	< 10	--
Total Trimethylbenzene	< 20	< 20	< 20	--
Total Xylenes	< 19	< 19	< 19	4,100

**NOTES:**

- 1) Results presented as micrograms per kilogram ( $\mu\text{g}/\text{Kg}$ ), parts per billion (ppb), unless otherwise stated.
  - 2) Shaded results indicate an exceedance of NR 720 Residual Contaminant Levels (RCLs).
  - 3) Photoionization Detector (PID) calibrated to 100 parts per million isobutylene.
- = Value not established.

**Table 6**  
**Summary of Groundwater Chemistry Data - Post-Remediation**  
**Vernon County Highway Department, Hillsboro, Wisconsin**

SAMPLE I.D.	NR 140 ES	NR 140 PAL	MW-1									
			12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01	10/01/02	
<b>ANALYTICAL PARAMETERS</b>												
<b>Total Petroleum Hydrocarbons</b>												
Gasoline Range Organics	--	--	--	N	--	N	N	49	N	N	--	
Diesel Range Organics	--	--	369	192	--	344	--	337	--	--	--	
<b>Volatile Organic Compounds*</b>												
Benzene	5	0.5	<b>67</b>	<b>12</b>	<b>2.6</b>	<b>0.61</b>	<b>0.69</b>	<b>12</b>	N	N	< 0.31	
Ethylbenzene	700	140	N	N	N	N	N	N	N	N	< 0.5	
Toluene	1000	200	N	N	N	N	0.83	N	N	N	< 0.3	
o- Xylene	--	--	N	N	N	N	N	N	--	--	< 0.3	
m- & p- Xylenes	--	--	N	N	N	N	N	N	--	--	< 0.62	
Total Xylenes	10000	1000	N	N	N	N	N	N	N	N	< 0.92	
Methyl tert-butyl ether	60	12	<b>399</b>	<b>108</b>	<b>15</b>	4.1	3.0	<b>59</b>	N	N	1.08	
1,2,4-Trimethylbenzene	--	--	N	N	N	N	N	N	N	N	< 0.4	
1,3,5-Trimethylbenzene	--	--	N	N	N	N	N	N	N	N	< 0.31	
Total Trimethylbenzene	480	96	N	N	N	N	N	N	N	N	< 0.71	
Chloromethane	3	0.3	--	--	--	--	--	--	--	--	--	
1,2-Dichloroethane	5	0.5	--	--	--	N	--	--	N	N	--	
<b>Inorganic Parameters</b>												
Lead**	15	1.5	--	--	--	--	--	--	--	--	--	
Alkalinity (mg/L)	--	--	--	--	--	--	--	146	--	--	--	
Nitrogen-Nitrate/Nitrite (mg/L)	10	2	--	--	--	--	--	N	--	--	--	
Sulfate (mg/L)	250	125	--	--	--	--	--	72	--	--	--	
Total Iron (mg/L)	0.3	0.15	--	--	--	--	--	<b>81</b>	--	--	--	
Temperature (°C)	--	--	10.6	8.5	8.2	12.1	12.3	5.2	--	--	--	
Dissolved Oxygen (mg/L)	--	--	0.8	0.2	0.6	0.2	1.6	0.2	--	--	--	
pH (S.U.)	--	--	6.03	5.81	5.84	5.85	5.69	5.39	--	--	--	
Conductivity (µmho/cm)	--	--	5,000	4,500	11,200	14,000	10,500	11,800	--	--	--	

**NOTES:**

Results presented as micrograms per liter (µg/L), unless otherwise stated.

\*Additional VOCs were analyzed; those not listed were not above MDLs.

\*\*Sample was filtered prior to preservation and submittal to laboratory.

N = Not Detected above Method Detection Limits (MDLs).

-- = Not analyzed, not sampled, or not applicable.

**128** NR 140 Enforcement Standards (ES) exceedance.**0.6** NR 140 Preventive Action Limits (PAL) exceedance.

**Table 6**  
**Summary of Groundwater Chemistry Data - Post-Remediation**  
**Vernon County Highway Department, Hillsboro, Wisconsin**

SAMPLE I.D.	NR 140 ES	NR 140 PAL	MW-2							
			12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01
<b>ANALYTICAL PARAMETERS</b>										
<b>Total Petroleum Hydrocarbons</b>										
Gasoline Range Organics	--	--	--	N	--	N	N	--	N	N
Diesel Range Organics	--	--	1,730	786	--	877	--	--	--	--
<b>Volatile Organic Compounds*</b>										
Benzene	5	0.5	N	N	N	N	N	--	N	N
Ethylbenzene	700	140	N	N	N	N	N	--	N	N
Toluene	1000	200	N	N	N	N	N	--	N	N
o- Xylene	--	--	N	N	N	N	N	--	--	--
m- & p- Xylenes	--	--	N	N	N	N	N	--	--	--
Total Xylenes	10000	1000	N	N	N	N	N	--	N	N
Methyl tert-butyl ether	60	12	8.1	7.3	4.8	5.9	5.3	--	N	1.4
1,2,4-Trimethylbenzene	--	--	N	N	N	N	N	--	N	0.35
1,3,5-Trimethylbenzene	--	--	N	N	N	N	N	--	N	N
Total Trimethylbenzene	480	96	N	N	N	N	N	--	N	0.35
Chloromethane	3	0.3	--	--	--	--	--	--	--	--
1,2-Dichloroethane	5	0.5	--	--	--	--	--	--	--	--
<b>Inorganic Parameters</b>										
Lead**	15	1.5	--	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--
Nitrogen-Nitrate/Nitrite (mg/L)	10	2	--	--	--	--	--	--	--	--
Sulfate (mg/L)	250	125	--	--	--	--	--	--	--	--
Total Iron (mg/L)	0.3	0.15	--	--	--	--	--	--	--	--
Temperature (°C)	--	--	11.3	8.1	8.6	11.8	11.6	--	--	--
Dissolved Oxygen (mg/L)	--	--	0.2	0.4	0.6	0.1	1.2	--	--	--
pH (S.U.)	--	--	6.79	6.46	6.40	6.37	6.27	--	--	--
Conductivity (µmho/cm)	--	--	9,000	10,000	11,000	9,900	12,500	--	--	--

**NOTES:**

Results presented as micrograms per liter (µg/L), unless otherwise stated.

\*Additional VOCs were analyzed; those not listed were not above MDLs.

\*\*Sample was filtered prior to preservation and submittal to laboratory.

N = Not Detected above Method Detection Limits (MDLs).

-- = Not analyzed, not sampled, or not applicable.

<b>128</b>	NR 140 Enforcement Standards (ES) exceedance.
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<b>0.6</b>	NR 140 Preventive Action Limits (PAL) exceedance.
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**Table 6**  
**Summary of Groundwater Chemistry Data - Post-Remediation**  
**Vernon County Highway Department, Hillsboro, Wisconsin**

SAMPLE I.D.	NR 140 ES	NR 140 PAL	MW-3							
			12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01
<b>ANALYTICAL PARAMETERS</b>										
<b>Total Petroleum Hydrocarbons</b>										
Gasoline Range Organics	--	--	--	--	--	N	--	N	--	--
Diesel Range Organics	--	--	1,760	--	--	3,860	--	1,030	--	--
<b>Volatile Organic Compounds*</b>										
Benzene	5	0.5	<b>0.53</b>	--	<b>0.50</b>	N	--	N	--	--
Ethylbenzene	700	140	N	--	N	N	--	N	--	--
Toluene	1000	200	N	--	N	N	--	N	--	--
o- Xylene	--	--	N	--	N	N	--	N	--	--
m- & p- Xylenes	--	--	N	--	N	N	--	N	--	--
Total Xylenes	10000	1000	N	--	N	N	--	N	--	--
Methyl tert-butyl ether	60	12	1.1	--	N	1.0	--	N	--	--
1,2,4-Trimethylbenzene	--	--	N	--	N	N	--	N	--	--
1,3,5-Trimethylbenzene	--	--	N	--	N	N	--	N	--	--
Total Trimethylbenzene	480	96	N	--	N	N	--	N	--	--
Chloromethane	3	0.3	--	--	--	--	--	--	--	--
1,2-Dichloroethane	5	0.5	--	--	N	N	--	--	--	--
<b>Inorganic Parameters</b>										
Lead**	15	1.5	--	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	309	--	--
Nitrogen-Nitrate/Nitrite (mg/L)	10	2	--	--	--	--	--	N	--	--
Sulfate (mg/L)	250	125	--	--	--	--	--	59	--	--
Total Iron (mg/L)	0.3	0.15	--	--	--	--	--	<b>204</b>	--	--
Temperature (°C)	--	--	10.8	--	8.8	12.8	--	8.3	--	--
Dissolved Oxygen (mg/L)	--	--	0.7	--	0.6	0.2	--	0.1	--	--
pH (S.U.)	--	--	6.48	--	6.27	6.56	--	5.83	--	--
Conductivity (µmho/cm)	--	--	11,000	--	23,000	21,500	--	22,000	--	--

**NOTES:**

Results presented as micrograms per liter (µg/L), unless otherwise stated.

\*Additional VOCs were analyzed; those not listed were not above MDLs.

\*\*Sample was filtered prior to preservation and submittal to laboratory.

N = Not Detected above Method Detection Limits (MDLs).

-- = Not analyzed, not sampled, or not applicable.

**128** NR 140 Enforcement Standards (ES) exceedance.**0.6** NR 140 Preventive Action Limits (PAL) exceedance.

**Table 6**  
**Summary of Groundwater Chemistry Data - Post-Remediation**  
**Vernon County Highway Department, Hillsboro, Wisconsin**

SAMPLE I.D.	NR 140 ES	NR 140 PAL	MW-4							
			12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01
<b>ANALYTICAL PARAMETERS</b>										
<b>Total Petroleum Hydrocarbons</b>										
Gasoline Range Organics	--	--	--	N	--	N	N	--	--	--
Diesel Range Organics	--	--	193	106	--	561	--	--	--	--
<b>Volatile Organic Compounds*</b>										
Benzene	5	0.5	N	N	--	N	N	--	--	--
Ethylbenzene	700	140	N	N	--	N	N	--	--	--
Toluene	1000	200	N	N	--	N	N	--	--	--
o- Xylene	--	--	N	N	--	N	N	--	--	--
m- & p- Xylenes	--	--	N	N	--	N	N	--	--	--
Total Xylenes	10000	1000	N	N	--	N	N	--	--	--
Methyl tert-butyl ether	60	12	1.0	N	--	N	N	--	--	--
1,2,4-Trimethylbenzene	--	--	N	N	--	N	N	--	--	--
1,3,5-Trimethylbenzene	--	--	N	N	--	N	N	--	--	--
Total Trimethylbenzene	480	96	N	N	--	N	N	--	--	--
Chloromethane	3	0.3	--	--	--	--	--	--	--	--
1,2-Dichloroethane	5	0.5	--	--	--	--	--	--	--	--
<b>Inorganic Parameters</b>										
Lead**	15	1.5	--	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--
Nitrogen-Nitrate/Nitrite (mg/L)	10	2	--	--	--	--	--	--	--	--
Sulfate (mg/L)	250	125	--	--	--	--	--	--	--	--
Total Iron (mg/L)	0.3	0.15	--	--	--	--	--	--	--	--
Temperature (°C)	--	--	10.7	7.0	8.2	12.6	14.1	--	--	--
Dissolved Oxygen (mg/L)	--	--	0.5	0.1	0.6	0.3	1.1	--	--	--
pH (S.U.)	--	--	6.56	6.22	5.71	5.98	6.00	--	--	--
Conductivity (µmho/cm)	--	--	2,040	2,000	5,100	4,300	6,500	--	--	--

**NOTES:**

Results presented as micrograms per liter (µg/L), unless otherwise stated.

\*Additional VOCs were analyzed; those not listed were not above MDLs.

\*\*Sample was filtered prior to preservation and submittal to laboratory.

N = Not Detected above Method Detection Limits (MDLs).

-- = Not analyzed, not sampled, or not applicable.

**128** NR 140 Enforcement Standards (ES) exceedance.

**0.6** NR 140 Preventive Action Limits (PAL) exceedance.

**Table 6**  
**Summary of Groundwater Chemistry Data - Post-Remediation**  
**Vernon County Highway Department, Hillsboro, Wisconsin**

SAMPLE I.D.	NR 140 ES	NR 140 PAL	MW-5							07/17/01	10/02/01
			12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99			
<b>ANALYTICAL PARAMETERS</b>											
<b>Total Petroleum Hydrocarbons</b>											
Gasoline Range Organics	--	--	--	N	--	N	N	--	--	--	
Diesel Range Organics	--	--	1,300	375	--	563	--	--	--	--	
<b>Volatile Organic Compounds*</b>											
Benzene	5	0.5	N	N	N	N	N	--	--	--	
Ethylbenzene	700	140	N	N	N	N	N	--	--	--	
Toluene	1000	200	N	N	N	N	N	--	--	--	
o- Xylene	--	--	N	N	N	N	N	--	--	--	
m- & p- Xylenes	--	--	N	N	N	N	N	--	--	--	
Total Xylenes	10000	1000	N	N	N	N	N	--	--	--	
Methyl tert-butyl ether	60	12	1.1	3.5	N	N	N	--	--	--	
1,2,4-Trimethylbenzene	--	--	N	N	N	N	N	--	--	--	
1,3,5-Trimethylbenzene	--	--	N	N	N	N	N	--	--	--	
Total Trimethylbenzene	480	96	N	N	N	N	N	--	--	--	
Chloromethane	3	0.3	--	--	--	--	--	--	--	--	
1,2-Dichloroethane	5	0.5	--	--	--	--	--	--	--	--	
<b>Inorganic Parameters</b>											
Lead**	15	1.5	--	--	--	--	--	--	--	--	
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	
Nitrogen-Nitrate/Nitrite (mg/L)	10	2	--	--	--	--	--	--	--	--	
Sulfate (mg/L)	250	125	--	--	--	--	--	--	--	--	
Total Iron (mg/L)	0.3	0.15	--	--	--	--	--	--	--	--	
Temperature (°C)	--	--	9.7	7.4	8.1	11.6	11.9	--	--	--	
Dissolved Oxygen (mg/L)	--	--	0.2	0.4	0.6	0.0	1.3	--	--	--	
pH (S.U.)	--	--	6.58	6.37	6.31	6.30	6.04	--	--	--	
Conductivity (µmho/cm)	--	--	15,000	17,000	20,200	20,500	21,900	--	--	--	

**NOTES:**

Results presented as micrograms per liter (µg/L), unless otherwise stated.

\*Additional VOCs were analyzed; those not listed were not above MDLs.

\*\*Sample was filtered prior to preservation and submittal to laboratory.

N = Not Detected above Method Detection Limits (MDLs).

-- = Not analyzed, not sampled, or not applicable.

**128** NR 140 Enforcement Standards (ES) exceedance.

**0.6** NR 140 Preventive Action Limits (PAL) exceedance.

**Table 6**  
**Summary of Groundwater Chemistry Data - Post-Remediation**  
**Vernon County Highway Department, Hillsboro, Wisconsin**

SAMPLE I.D.	NR 140 ES	NR 140 PAL	MW-6								
			12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01	10/01/02
<b>ANALYTICAL PARAMETERS</b>											
<b>Total Petroleum Hydrocarbons</b>											
Gasoline Range Organics	--	--	--	N	--	N	--	--	N	N	--
Diesel Range Organics	--	--	608	192	--	394	--	--	--	--	--
<b>Volatile Organic Compounds*</b>											
Benzene	5	0.5	N	N	--	N	--	--	N	N	< 0.31
Ethylbenzene	700	140	N	N	--	N	--	--	N	N	< 0.5
Toluene	1000	200	N	N	--	N	--	--	N	N	< 0.3
o- Xylene	--	--	N	N	--	N	--	--	--	--	< 0.3
m- & p- Xylenes	--	--	N	N	--	N	--	--	--	--	< 0.62
Total Xylenes	10000	1000	N	N	--	N	--	--	0.57	N	< 0.92
Methyl tert-butyl ether	60	12	N	N	--	N	--	--	2.2	0.16	< 0.3
1,2,4-Trimethylbenzene	--	--	N	N	--	N	--	--	0.42	N	< 0.4
1,3,5-Trimethylbenzene	--	--	N	N	--	N	--	--	N	N	< 0.31
Total Trimethylbenzene	480	96	N	N	--	N	--	--	0.42	N	< 0.71
Chloromethane	3	0.3	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	5	0.5	--	--	--	--	--	--	--	--	--
<b>Inorganic Parameters</b>											
Lead**	15	1.5	--	--	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--
Nitrogen-Nitrate/Nitrite (mg/L)	10	2	--	--	--	--	--	--	--	--	--
Sulfate (mg/L)	250	125	--	--	--	--	--	--	--	--	--
Total Iron (mg/L)	0.3	0.15	--	--	--	--	--	--	--	--	--
Temperature (°C)	--	--	8.9	6.7	9.1	11.7	13.3	8.9	--	--	--
Dissolved Oxygen (mg/L)	--	--	0.0	0.4	0.2	0.0	1.1	0.2	--	--	--
pH (S.U.)	--	--	6.92	6.50	6.17	6.53	--	--	--	--	--
Conductivity (µmho/cm)	--	--	12,000	5,000	5,100	5,200	--	--	--	--	--

**NOTES:**

Results presented as micrograms per liter (µg/L), unless otherwise stated.

\*Additional VOCs were analyzed; those not listed were not above MDLs.

\*\*Sample was filtered prior to preservation and submittal to laboratory.

N = Not Detected above Method Detection Limits (MDLs).

-- = Not analyzed, not sampled, or not applicable.

**128**

NR 140 Enforcement Standards (ES) exceedance.

**0.6**

NR 140 Preventive Action Limits (PAL) exceedance.

**Table 6**  
**Summary of Groundwater Chemistry Data - Post-Remediation**  
**Vernon County Highway Department, Hillsboro, Wisconsin**

SAMPLE I.D.	NR 140 ES	NR 140 PAL	MW-6P				
			07/17/01	10/02/01	01/31/02	10/01/02	01/10/03
<b>ANALYTICAL PARAMETERS</b>							
<b>Total Petroleum Hydrocarbons</b>							
Gasoline Range Organics	--	--	N	111	< 100	--	--
Diesel Range Organics	--	--	--	--	--	--	--
<b>Volatile Organic Compounds*</b>							
Benzene	5	0.5	N	0.45	1.9	< 0.31	< 0.31
Ethylbenzene	700	140	N	N	< 0.22	< 0.5	< 0.5
Toluene	1000	200	0.43	N	< 0.41	< 0.3	< 0.3
o- Xylene	--	--	--	--	--	< 0.3	< 0.3
m- & p- Xylenes	--	--	--	--	--	< 0.62	< 0.62
Total Xylenes	10000	1000	N	N	< 0.69	< 0.92	< 0.92
Methyl tert-butyl ether	60	12	<b>80</b>	<b>67</b>	<b>100</b>	<b>82</b>	<b>44</b>
1,2,4-Trimethylbenzene	--	--	N	N	< 0.26	< 0.4	< 0.4
1,3,5-Trimethylbenzene	--	--	N	N	< 0.34	< 0.31	< 0.31
Total Trimethylbenzene	480	96	N	N	< 0.60	< 0.71	< 0.71
Chloromethane	3	0.3	<b>3.2</b>	--	--	--	--
1,2-Dichloroethane	5	0.5	N	--	--	--	--
<b>Inorganic Parameters</b>							
Lead**	15	1.5	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--
Nitrogen-Nitrate/Nitrite (mg/L)	10	2	--	--	--	--	--
Sulfate (mg/L)	250	125	--	--	--	--	--
Total Iron (mg/L)	0.3	0.15	--	--	--	--	--
Temperature (°C)	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	--
pH (S.U.)	--	--	--	--	--	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--

**NOTES:**

Results presented as micrograms per liter (µg/L), unless otherwise stated.

\*Additional VOCs were analyzed; those not listed were not above MDLs.

\*\*Sample was filtered prior to preservation and submittal to laboratory.

N = Not Detected above Method Detection Limits (MDLs).

-- = Not analyzed, not sampled, or not applicable.

**128** NR 140 Enforcement Standards (ES) exceedance.**0.6** NR 140 Preventive Action Limits (PAL) exceedance.

**Table 7**  
**Summary of Groundwater Geoprobe Data**  
**Vernon County Highway Department, Hillsboro, Wisconsin**

SAMPLE I.D.	NR 140 ES	NR 140 PAL	GWS1-A	GWS1-B	GWS2-A	GWS2-B	GWS3-A	GWS3-B	GWS4-A	GWS4-B
SAMPLE COLLECTION DATE	09/24/02									
SAMPLE DEPTH (FEET)			20	28	22	27.5	20	27	20	24
ANALYTICAL PARAMETERS										
Volatile Organic Compounds										
Benzene	5.0	0.50	< 0.31	< 0.31	<b>1.6</b>	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Ethylbenzene	700	140	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	1000	200	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
o- Xylene	--	--	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
m- & p- Xylenes	--	--	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62
Total Xylenes	10000	1000	< 0.92	< 0.92	< 0.92	< 0.92	< 0.92	< 0.92	< 0.92	< 0.92
Methyl tert-butyl ether	60	12	< 0.3	< 0.3	7.7	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trimethylbenzene	--	--	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
1,3,5-Trimethylbenzene	--	--	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Total Trimethylbenzene	480	96	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71

**NOTES:**

Results presented as micrograms per liter (µg/L), unless otherwise stated.

-- = Not analyzed, not sampled, or not applicable.

GWS = Groundwater Sample

**0.53** NR 140 Enforcement Standard (ES) exceedance.

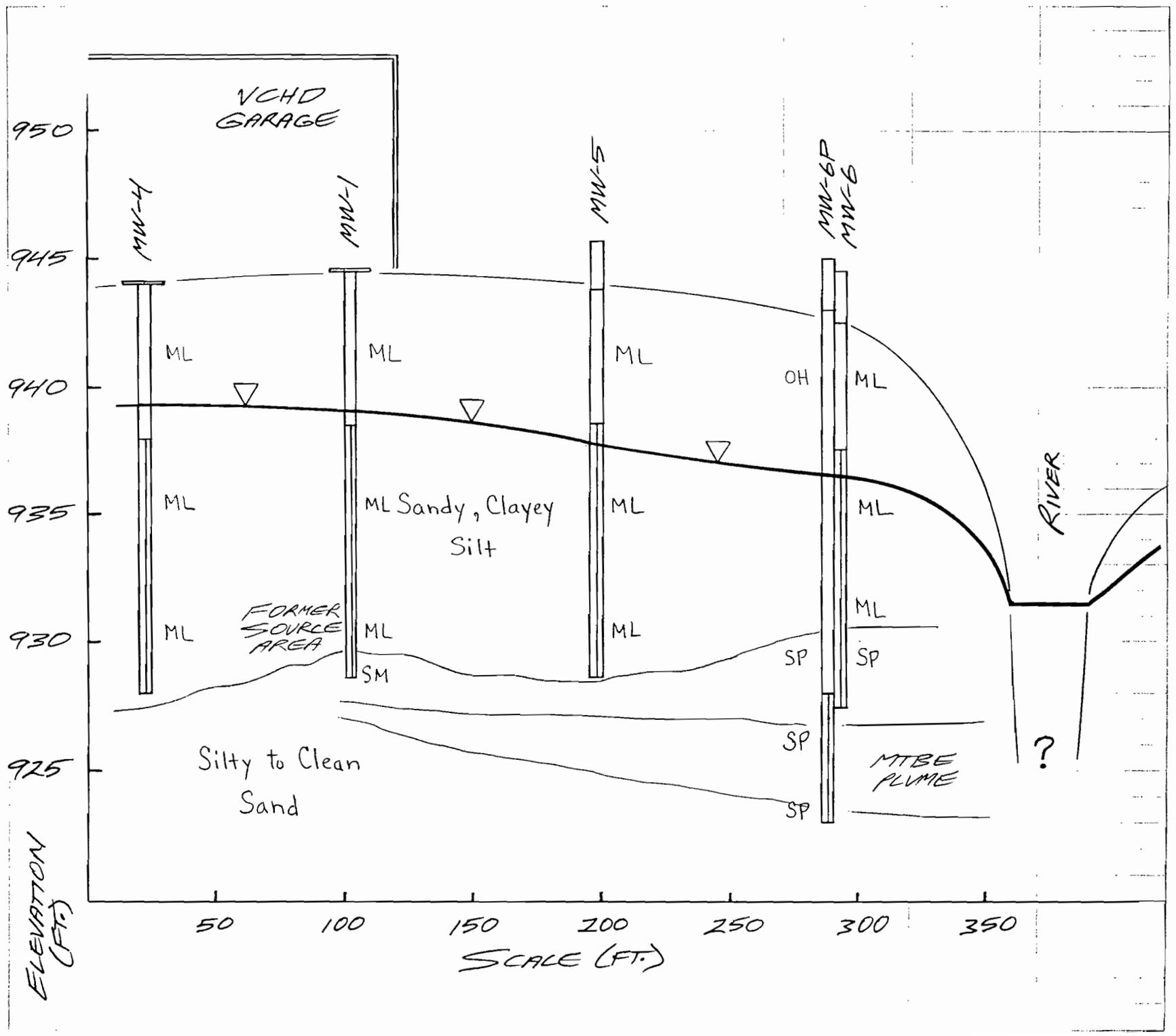
**128** NR 140 Preventive Action Limit (PAL) exceedance.

Figure: 10A

PROJECT NO. 17129670 MADE BY SS/5-8-02  
 CLIENT VCHD CHECKED BY D.O. DATE 6-23-02  
 PROJECT GARAGE REMED. SHEET NO. 1 OF 1  
 DESCRIPTION 10-01 CIV ELEV. DATA X-SEC.



CENTRAL WISCONSIN ENGINEERS & ARCHITECTS, INC.  
 5707 Schofield Avenue  
 Weston, WI 54476-0107



**Table 8**  
**Summary of Groundwater Elevations**  
**Vernon County Highway Department, Hillsboro Garage**

MONITORING WELL I.D.	MW-1														
PVC ELEVATION	944.61													Resurveyed 1/31/02	944.82
GROUND ELEVATION	945.00														
SCREEN TOP ELEVATION	939.90														
POINT ELEVATION	929.90														
MEASUREMENT DATE	02/14/96	03/13/96	06/06/96	07/25/96	12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01	1/31/02 <sup>1</sup>	10/1/02 <sup>1</sup>	
DEPTH TO GROUNDWATER	6.22	5.68	5.39	5.76	6.78	6.05	5.47	6.27	5.85	5.84	5.61	5.29	6.14	5.75	
GROUNDWATER ELEVATION	938.39	938.93	939.22	938.85	937.83	938.56	939.14	938.34	938.76	938.77	939.00	939.32	938.68	939.07	

MONITORING WELL I.D.	MW-2														
PVC ELEVATION	946.58													Resurveyed 1/31/02	946.59
GROUND ELEVATION	943.92														
SCREEN TOP ELEVATION	937.60														
POINT ELEVATION	927.60														
MEASUREMENT DATE	02/14/96	03/13/96	06/06/96	07/25/96	12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01	1/31/02 <sup>1</sup>	10/01/02	
DEPTH TO GROUNDWATER	8.00	7.81	7.86	8.19	8.44	8.29	7.56	8.57	8.23	--	7.91	7.68	8.04	--	
GROUNDWATER ELEVATION	938.58	938.77	938.72	938.39	938.14	938.29	939.02	938.01	938.35	--	938.67	938.90	938.55	--	

**NOTES:**

-- = No data collected.

1 = Groundwater elevation obtained using 1/31/02 survey data

2 = Elevation of the Baraboo River on 1/31/02 = 931.37 (Measurement obtained from below bridge)

**Table 8**  
**Summary of Groundwater Elevations**  
**Vernon County Highway Department, Hillsboro Garage**

MONITORING WELL I.D.	MW-3													
PVC ELEVATION	943.17													
GROUND ELEVATION	943.39													
SCREEN TOP ELEVATION	938.00													
POINT ELEVATION	928.00													
MEASUREMENT DATE	02/14/96	03/13/96	06/06/96	07/25/96	12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01	01/31/02	10/01/02
DEPTH TO GROUNDWATER	5.55	--	3.87	4.12	3.73	--	3.77	3.64	--	3.36	--	--	--	--
GROUNDWATER ELEVATION	937.62	--	939.30	939.05	939.44	--	939.40	939.53	--	939.81	--	--	--	--

MONITORING WELL I.D.	MW-4													
PVC ELEVATION	944.09													
GROUND ELEVATION	944.40													
SCREEN TOP ELEVATION	938.90													
POINT ELEVATION	928.90													
MEASUREMENT DATE	02/14/96	03/13/96	06/06/96	07/25/96	12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01	01/31/02	10/01/02
DEPTH TO GROUNDWATER	10.41	4.99	4.59	4.85	5.33	5.17	4.78	5.38	5.01	--	--	4.52	4.97	--
GROUNDWATER ELEVATION	933.68	939.10	939.50	939.24	938.76	938.92	939.31	938.71	939.08	--	--	939.57	939.12	--

**NOTES:**

-- = No data collected.

1 = Groundwater elevation obtained using 1/31/02 survey data

2 = Elevation of the Baraboo River on 1/31/02 = 931.37 (Measurement obtained from below bridge)

**Table 8**  
**Summary of Groundwater Elevations**  
**Vernon County Highway Department, Hillsboro Garage**

MONITORING WELL I.D.	MW-5														
PVC ELEVATION	945.75												Resurveyed 1/31/02		945.71
GROUND ELEVATION	943.33														
SCREEN TOP ELEVATION	938.25														
POINT ELEVATION	928.25														
MEASUREMENT DATE	02/14/96	03/13/96	06/06/96	07/25/96	12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	07/17/01	10/02/01	1/31/02 <sup>1</sup>	10/01/02	
DEPTH TO GROUNDWATER	--	--	8.06	8.38	8.62	8.34	8.20	8.69	8.47	--	--	7.94	8.24	--	
GROUNDWATER ELEVATION	--	--	937.69	937.37	937.13	937.41	937.55	937.06	937.28	--	--	937.81	937.47	--	

MONITORING WELL I.D.	MW-6														
PVC ELEVATION	946.59												Resurveyed 1/31/02		944.59
GROUND ELEVATION	941.72														
SCREEN TOP ELEVATION	936.98														
POINT ELEVATION	926.98														
MEASUREMENT DATE	02/14/96	03/13/96	06/06/96	07/25/96	12/26/96	03/18/97	06/12/97	09/22/97	08/27/98	02/24/99	7/17/01 <sup>1</sup>	10/2/01 <sup>1</sup>	1/31/02 <sup>1</sup>	10/1/02 <sup>1</sup>	
DEPTH TO GROUNDWATER	--	--	8.21	8.76	8.79	8.18	8.54	8.94	9.31	8.42	8.59	7.97	8.62	8.28	
GROUNDWATER ELEVATION	--	--	938.38	937.83	937.80	938.41	938.05	937.65	937.28	938.17	936.00	936.62	935.97	936.31	

**NOTES:**

-- = No data collected.

1 = Groundwater elevation obtained using 1/31/02 survey data

2 = Elevation of the Baraboo River on 1/31/02 = 931.37 (Measurement obtained from below bridge)

**Table 8**  
**Summary of Groundwater Elevations**  
**Vernon County Highway Department, Hillsboro Garage**

MONITORING WELL I.D.	MW-6P				
PVC ELEVATION	945.01				
GROUND ELEVATION	942.01				
SCREEN TOP ELEVATION					
POINT ELEVATION					
MEASUREMENT DATE	7/17/01 <sup>1</sup>	10/2/01 <sup>1</sup>	1/31/02 <sup>1</sup>	10/1/02 <sup>1</sup>	01/10/03
DEPTH TO GROUNDWATER	8.71	8.56	8.81	8.62	--
GROUNDWATER ELEVATION	936.30	936.45	936.20	936.39	--

**NOTES:**

-- = No data collected.

1 = Groundwater elevation obtained using 1/31/02 survey data

2 = Elevation of the Baraboo River on 1/31/02 = 931.37 (Measurement obtained from below bridge)

## Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #:

ACTIVITY NAME:

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
<input type="text" value="A"/>	<input type="text" value="1056 Crest Avenue, Hillsboro"/>	<input type="text" value="236-657"/>	<input type="text" value="492917"/>	<input type="text" value="353290"/>
<input type="text" value="B"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="C"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="D"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="E"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="F"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="G"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="H"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="I"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



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March 23, 2006

Shelia Schraufnagel  
Hillsboro City Clerk  
836 Prairie Avenue  
Hillsboro, WI 54634

**RE: Vernon County Highway Department – Hillsboro Garage**  
133 East Madison Avenue, Hillsboro, WI  
DNR Site # 03-63-001438  
PECFA Site # 54634-9020-33  
CWEA Project # 17129670

**Subject: Notice of Groundwater Contamination**

Dear Ms. Schraufnagel:

This letter is intended to provide notification of potential groundwater contamination which may exist at the Hillsboro City Garage (1056 Crest Avenue) located to the east of the Vernon County Highway Department – Hillsboro Garage site. This correspondence is required by the Department of Commerce in accordance with the closure procedures for the project.

Petroleum contamination (associated with former underground storage tanks and dispensers) was identified in the soil and groundwater at the Vernon County Highway Department – Hillsboro Garage site located at 133 East Madison Avenue, Hillsboro, Wisconsin in 1995. Following the site investigation phase of the project, petroleum-contaminated soil was excavated to remediate the soil and groundwater. The excavation, along with natural attenuation, has been effectively remediating the soil and groundwater. Groundwater monitoring has shown that the contaminant levels have decreased significantly over time.

Monitoring Well MW-6P contained a NR 140 enforcement standard (ES) exceedance for methyl tert-butyl ether (MTBE) during the October 1, 2002 (82 ug/L) sampling round and a NR 140 preventative action limit (PAL) exceedance during the January 10, 2003 (44 ug/L) sampling round. See Figure 1 for the extent of the groundwater contamination. Natural attenuation will continue to remediate the groundwater and compliance with regulatory standards is expected within a reasonable period of time.

If you have any questions regarding this matter, please contact Mr. Peter Arntsen, Project Manager or me at Central Wisconsin Engineers & Architects, Inc. (CWEA) at (715) 359-9400.

Sincerely,  
**Central Wisconsin Engineers & Architects, Inc.**

A handwritten signature in black ink, appearing to read "J Dement", is written over the typed name.

Jane Dement  
Environmental Technician

Enclosure: Figure 1

cc: Mr. Virgil Hanold, Highway Commissioner, Vernon County Highway Dept., P.O.  
Box 232, Viroqua, WI 54665

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"><li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li><li>■ Print your name and address on the reverse so that we can return the card to you.</li><li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li></ul>	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee <i>[Handwritten Signature]</i></p> <p>B. Received by (Printed Name) <input type="checkbox"/> Addressee <i>[Handwritten Name]</i></p> <p>C. Date of Delivery <i>[Handwritten Date]</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p><i>MS SHELIA SCHRAUFGNAGEL CITY CLERK 836 PRAIRIE AVENUE HILLSBORO WI 54634</i></p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>

2. Article Number 7003 1680 0006 5660 5805  
(Transfer from service label)