

GIS REGISTRY
Cover Sheet

March, 2010
(RR 5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

***WTM COORDINATES:**

X: Y:

** 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" form)
- Soil Contamination > *RCL or **SSRCL (232)**
 - Contamination in ROW
 - Off-Source Contamination
(note: for list of off-source properties see "Impacted Off-Source Property" form)

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 unit or economic development corporation was directed to take a response action)

Monitoring Wells:

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

- Yes
- No
- N/A

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

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.)
- Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- 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 #: 2349 Title: CSM
- 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 11 x 17 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 & Local Topography
- 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 Layout
- 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 #: 3 Title: Test Pit/Borehole Depth, Cover Thickness, Waste Thickness & Estimated Waste Boundary

BRRTS #: 02-68-178679

ACTIVITY NAME: MENOMONEE FALLS LF AKA BRUCE DUMP

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 #: 4 Title: Geologic Cross Section A-A

Figure #: Title:

- 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:

- 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 #: 5 Title: Water Table Elevation Map April 29, 2003

Figure #: 6 Title: Water Table Elevation Map June 8, 2005

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

Tables must be no larger than 11 x 17 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 #: 1 Title: Soil Sample Laboratory Results

- 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 #: Title:

- 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 #: 3 Title: 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 #: 02-68-178679

ACTIVITY NAME: MENOMONEE FALLS LF AKA BRUCE DUMP

NOTIFICATIONS

Source Property

Not Applicable

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.

Not Applicable

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:

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:

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

Scott Walker, Governor
Cathy Stepp, Secretary
John Hammen, Acting Regional Director
Telephone 414-263-8500
FAX 414-263-8606
TTY Access via relay - 711



February 10, 2011

Village of Menomonee Falls
Attention Ms. Nancy Greifenhagen
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051

Subject: Final Closure
Menomonee Falls Landfill AKA Bruce Dump
Good Hope Road, 0.5 miles west of Pilgrim Road, Menomonee Falls, WI
FID# 268539480, BRRTS# 02-68-178679

Dear Ms. Greifenhagen:

The Wisconsin Department of Natural Resources (the Department) Southeast Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On August 16, 2010, you were notified that the Closure Committee had granted conditional closure to this case.

The Department has received information or documentation indicating that you have complied with the requirements for final closure. All groundwater monitoring wells have been abandoned in compliance with ch. NR 141, Wis. Adm. Code. A site map showing both the extent of the waste boundary and the location of the clay cap has also been submitted to the Department.

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, however, you and future property owners must comply with the continuing obligations as explained in this letter.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Pavement, an engineered cover or a clay soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier.

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.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you the current property owner and any subsequent property owners must adhere. You must pass on the information about these continuing obligations to the next property owner or owners. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter (including compliance with referenced maintenance plan) are met.

Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the clay cap and pavement that currently exists in the location shown on the attached maps (Figures 2 & 3) 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. If the waste material in the location shown in Figures 2 & 3 is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner 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 statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans. The attached maintenance plan and inspection log are to be kept up-to-date and at Menomonee Falls City Hall or on-site if practicable in the future. Please submit the inspection log to the Department upon request.

Prohibited Activities

The following activities are prohibited on any portion of the property where the clay cap and pavement over the former fill area is required, as shown on the attached map (Figures 2 & 3) 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; 6) construction or placement of a building or other structure.

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, examples of changed conditions requiring prior notification include, but are not limited to:

- Disturbance, construction on, change or removal in whole or part of pavement, an engineered cover or a soil barrier that must be maintained over contaminated soil

Please send written notifications in accordance with the above requirements to (with the site FID# and BRRTS# noted) to: Victoria Stovall, Wisconsin Department of Natural Resources, 2300 N. Dr. ML King Dr., Milwaukee, WI 53212.

The Department appreciates your efforts to investigate and protect the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact hydrogeologist Jim Delwiche at (262) 574-2145.

Sincerely,

Frances M. Koonce
(SKP)

Frances Koonce
Team Supervisor
Southeast Region, Remediation & Redevelopment Program

Attachments: Maintenance Plan
Figure 2 & 3 – Waste Material Location & Clay Cap

cc: Chris Hatfield – Bonestroo
SER Case File

BARRIER MAINTENANCE PLAN

INTRODUCTION

This document is a Maintenance Plan for existing soil cover at the Menomonee Falls County Highway W (CTH W) Landfill (the Property) according to the requirements of section NR 724, 13(2), Wisconsin Administrative Code. The maintenance activities relate to clay-capped surface occupying the Property. Contaminated soil remaining at the Property is affected by volatile organic compounds (VOCs), Polynuclear aromatic hydrocarbons (PAHs), and lead. The clay-capped surface will be maintained according to the Maintenance Plan. In addition, the Maintenance Plan will also include maintenance activities access to road from CTH W. a figure showing the extent of the clay cap requiring maintenance is attached.

COVER AND BARRIER PURPOSE

The cap over the contaminated soil serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. The clay cap also acts as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration. Based on the current and future use of the Property, the barrier should function as intended unless disturbed.

ANNUAL INSPECTION

COVER AND BARRIER

The cover at the Property will be inspected once a year (normally in the spring after all snow and ice are gone) for erosion, ruts, and other potential problems that can cause additional infiltration into or exposure to underlying soils. 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 contaminated soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the Property Owner and is included as Exhibit B, Cap Inspection Log. The log will include recommendations for necessary repair or any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be sent to the Wisconsin Department of Natural Resources (WDNR) at least annually, unless otherwise directed in the case closure letter.

MAINTENANCE ACTIVITIES

If problems are noted during the annual inspections or at any other time during the year, repairs to clay cap will be scheduled as soon as practical. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct-exposure hazard and provide them with appropriate personal protection equipment (PPE). The owner must also sample any soil that is excavated from the Property before disposal to ascertain if contamination remains. The soil must be treated, stored, and disposed of by the owner according to applicable local, state, and federal law.

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 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.

AMENDMENT OR WITHDRAWAL OF MAINTENANCE PLAN

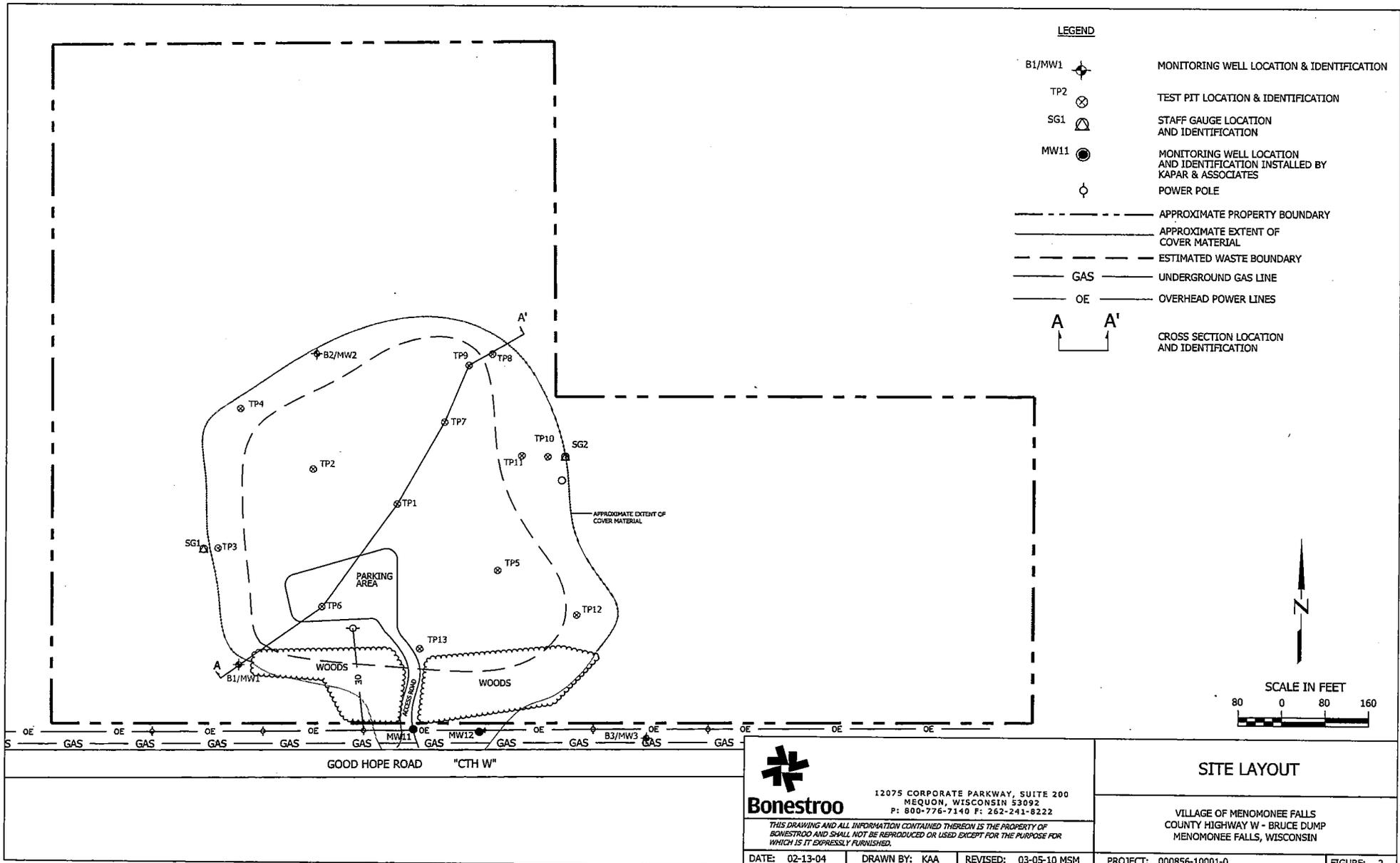
This Maintenance Plan can be amended or withdrawn by the property owner or its successors with the written approval of the WDNR.

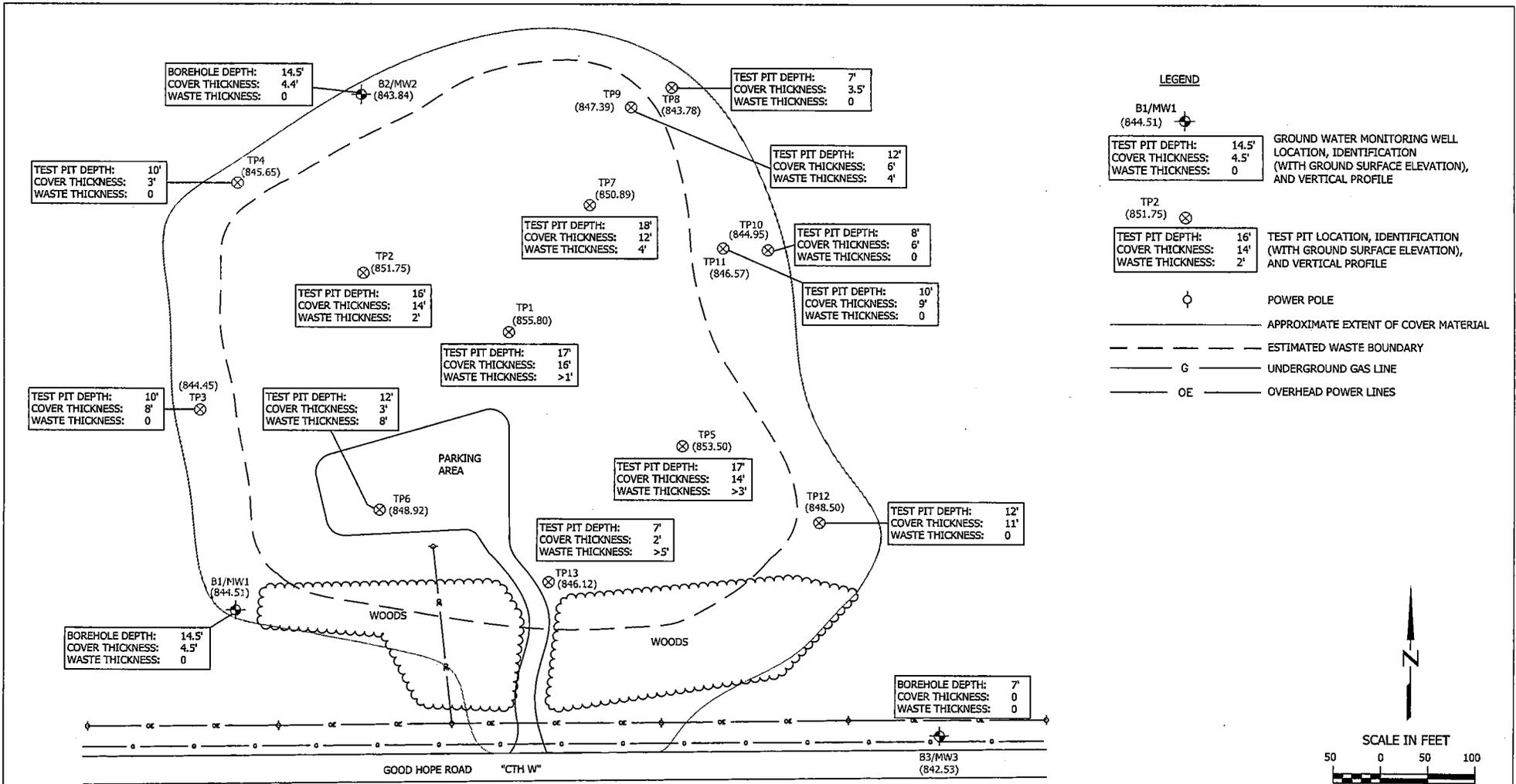
CONTACT INFORMATION

Site Owner: Ms. Nancy Greifenhagen
Village of Menomonee Falls
W156 N 8480 Pilgrim Road
Menomonee Falls, Wisconsin 53051

Consultant: Mr. Christopher C. Hatfield
Bonestroo, Inc.
12075 Corporate Parkway, Suite 200
Mequon, Wisconsin 53092
262-643-9171

WDNR: Mr. James Delwiche
141 Northwest Barstow Road
Waukesha, Wisconsin 53188
262-574-2145





Bonestroo

12075 CORPORATE PARKWAY, SUITE 200
 MEQUON, WISCONSIN 53092
 P: 800-776-7140 F: 262-241-8222

THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF BONESTROO AND SHALL NOT BE REPRODUCED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IS IT EXPRESSLY FURNISHED.

DATE: 02-13-04 DRAWN BY: KAA REVISED: 03-11-10 MSM PROJECT: 000856-10001-0

TEST PIT/BOREHOLE DEPTH, COVER THICKNESS, WASTE THICKNESS, & ESTIMATED WASTE BOUNDARY

VILLAGE OF MEMONEE FALLS
 COUNTY HIGHWAY W - BRUCE DUMP
 MEMONEE FALLS, WISCONSIN

FIGURE: 3



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutchen, Regional Director

Waukesha Service Center
141 NW Barstow Street, Room 180
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

August 16, 2010

Village of Menomonee Falls
Attention: Ms. Nancy Greifenhagen
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051

Subject: Conditional Closure with requirements to achieve Final Closure
Menomonee Falls Landfill (Bruce Dump), Good Hope Road 0.5 mile west of
Pilgrim Road, Menomonee Falls, WI
FID# 268539480, BRRTS# 02-68-178679

Dear Village of Menomonee Falls:

The Department of Natural Resources (the Department) has reviewed your request for closure of the case described above. The Department 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, the Department has determined that the reported soil and groundwater impacts from the former Bruce Dump on Good Hope Road 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 ABANDONEMNT

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 on Form 3300-005 found at <http://dnr.wi.gov/org/water/dwg/gw/> or provided by the Department of Natural Resources.

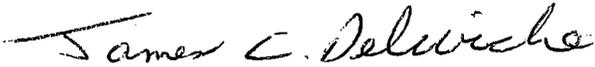
As a condition of final closure, the Department will require that the existing cover (or cap) over the waste area be maintained in the future. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at:
<http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

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.

When all the above requirements have been satisfied, please submit a letter, together with any required documentation (with the site FID# and BRRTS# noted) to: Victoria Stovall, Wisconsin Department of Natural Resources, 2300 N. Dr. ML King Dr., Milwaukee, WI 53212 and your case will be closed.

The Department appreciates the efforts you are taking to restore the environment at this site. If you have any questions concerning this letter or the site in general, please contact me at the letterhead address or (262) 574-2145.

Sincerely,



James C. Delwiche, P.G.
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Chris Hatfield, P.G. – Bonestroo
SER Case File

Property Tax Listing - Register of Deeds/Treasurer - County Data Warehouse - version 1.1

[Search Options](#) | [View Tax Bill](#) | [View GIS Image](#) | [Help](#) Search by

Tax Listing Details

2010 REAL PROPERTY TAX LISTING Effective Date: 2/17/2010
 Tax Key MNFV0060973001 View: [Previous Year](#)
 Address UNAVAILABLE
 Legal Description: PARCEL 2 CERT SURV 2349 VOL 17/46 PT SE1/4 SEC 15 T8N R20E R126/468 EX R2761/730

Description

Assessment Year: 2010	Active for Assessment Year: Yes
First Roll Year:	Retired Roll Year:
Assessed With Others: No	Referral: No
Burial Site: No	

Listed To:
 VILLAGE OF MENOMONEE FALLS
 TAMARACK SWAMPLANDS
 W156N8480 PILGRIM RD
 MENOMONEE FALLS, WI 53051

Assessment Information

Assessed By: LOCAL	Assessment Type: FULL
Approved Value Year: 2009	Board of Review Date: 6/24/2009
Assessment Ratio: 93.93%	Assessment Ratio Year: 2009

Property Values:

Property Class	Acres	Land	Improvement	Total
LOCAL EXEMPT	0	\$0.00	\$0.00	\$0.00
Total:	0	\$0.00	\$0.00	\$0.00

Districts:

District Type	District Name	DOR Code
VILLAGE	MENOMONEE FALLS	151
SCHOOL	SCH D OF MENOMONEE FALLS	3437
TCDB	WAUKESHA TECH COLLEGE DIST	08
SEWER	MILWAUKEE METRO SEWER DIST	
WATER	STORM WATER UTIL	
UTIL	INTERCEPTOR SEWER	
OTHER	LIBRARY O & M	

County Web Site Internet user

This program accesses data from databases maintained by several County Departments and Local Municipalities. There may be Inconsistence in data depending on the date the information was gathered or the purpose for which it is maintained. Due to variances in sources and update cycles, there is no guarantee as to the accuracy of the data. For questions regarding tax listing, contact the County Register of Deed's Office at (262)548-7577 . For questions regarding County Tax Bills, contact the County Treasurer's Office at (262)548-7029 .



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DOCUMENT NO.

915465

REC 126 IMAGE 468

FEE

27.22(2)

EXEMPT

REGISTERED PRICE \$15165

Waukesha Co, Wis.

RECEIVED FOR RECORD THE 25 DAY

JUNE A. D., 19 75 AT 2:07

OF RECORDS IMAGE 468

Michael J. Hasseliger
REGISTRAR

This Deed, made between DAN E. MORRISON and MARY MORRISON, his wife

Grantor and VILLAGE OF MENOMONEE FALLS, Waukesha County, Wisconsin, a municipal corporation

Witnesseth, That the said Grantor for a valuable consideration, Three Thousand Two Hundred Eleven Dollars and Seventy Five Cents (\$3,211.75) conveys to Grantee the following described real estate in Waukesha County, State of Wisconsin:

RETURN TO Village of Menomonee Falls P. O. Box 100 Menomonee Falls, Wis. 53051

Tax Key # 60-973-001

This is not homestead property.

All that part of the SE 1/4 of Section 15, Town 8 North, Range 20 East, in the Village of Menomonee Falls, Waukesha County, Wisconsin, bounded and described as follows:

Beginning at the Southwest corner of the said SE 1/4 of Section 15-8-20; thence North 89° 17' 43" East along the South line of the said quarter section 873.52 feet; thence North 00° 39' 52" East, 660.15 feet; thence South 89° 17' 43" West and parallel to the South line of the said quarter section 885.13 feet to a point on the West line of the said quarter section; thence South 00° 04' 57" East 660.00 feet to the point of beginning, excepting therefrom the South 24.75 feet dedicated for public road purposes, and containing 12.847 acres, more or less.

Together with all and singular the hereditaments and appurtenances thereto belonging or in any wise appertaining; And Dan E. Morrison and Mary Morrison, his wife warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances and recorded easements for public utilities, and recorded building restrictions, if any and will warrant and defend the same.

Executed at Menomonee Falls, WI this 24th day of June 1975

SIGNED AND SEALED IN PRESENCE OF
C. Morse Puls
Patricia A. Struve

Dan E. Morrison (SEAL)
Mary Morrison (SEAL)
Mary Morrison, his wife (SEAL)

Signatures of _____
authenticated this _____ day of _____, 1975

Title: Member State Bar of Wisconsin or Other Party
Authorized under Sec. 706.06 vis.

STATE OF WISCONSIN
Waukesha County
Personally came before me this 24th day of June 1975 the above named Dan E. Morrison and Mary Morrison, his wife

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

THIS INSTRUMENT WAS DRAFTED BY Patricia A. Struve
C. Morse Puls

The use of witnesses is optional. Notary Public, Waukesha County, Wis.
My commission expires 6-25-75

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

Property Tax Listing - Register of Deeds/Treasurer - County Data Warehouse - version 1.1

[Search Options](#) | [View Tax Bill](#) | [View GIS Image](#) | [Help](#) Search by

Tax Listing Details

2010 REAL PROPERTY TAX LISTING Effective Date: 2/17/2010
 Tax Key MNFV0059988 View: [Previous Year](#)
 Address UNAVAILABLE
 Legal Description: PT SE1/4 SW1/4 SEC 15 T8N R20E COM NE COR SE1/4 SW1/4 SEC 15 W 308 FT S 1320 FT E 308 FT N 1320 FT TO BGN ALSO THE CTR 9 1/3 AC OF THE SE1/4 SE1/4 SEC 15 ADJOINING TO THE W OF THE ABOVE PARCEL ALSO COM 616 FT W OF NE COR OF SE1/4 SW1/4 SEC 15 W 308 FT S 1320 FT E 308 FT N 1320 FT TO BGN R484/1091 EX R2761/730

Description
 Assessment Year: 2010 Active for Assessment Year: Yes
 First Roll Year: Retired Roll Year:
 Assessed With Others: No Referral: No
 Burlal Site: No
 Listed To:
 VILLAGE OF MEMOMONEE FALLS
 TAMARACK SWAMPLANDS
 W156N8480 PILGRIM RD
 MENOMONEE FALLS, WI 53051

Assessment Information
 Assessed By: LOCAL Assessment Type: FULL
 Approved Value Year: 2009 Board of Review Date: 6/24/2009
 Assessment Ratio: 93.93% Assessment Ratio Year: 2009

Property Values:

Property Class	Acres	Land	Improvement	Total
LOCAL EXEMPT	0	\$0.00	\$0.00	\$0.00
Total:	0	\$0.00	\$0.00	\$0.00

Districts:

District Type	District Name	DOR Code
VILLAGE	MEMOMONEE FALLS	151
SCHOOL	SCH D OF MEMOMONEE FALLS	3437
TCDB	WAUKESHA TECH COLLEGE DIST	08
SEWER	MILWAUKEE METRO SEWER DIST	
WATER	STORM WATER UTIL	
UTIL	INTERCEPTOR SEWER	
OTHER	LIBRARY O & M	

County Web Site Internet user

This program accesses data from databases maintained by several County Departments and Local Municipalities. There may be inconsistency in data depending on the date the information was gathered or the purpose for which it is maintained. Due to variances in sources and update cycles, there is no guarantee as to the accuracy of the data. For questions regarding tax listing, contact the County Register of Deed's Office at (262)548-7577 . For questions regarding County Tax Bills, contact the County Treasurer's Office at (262)548-7029 .



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DOCUMENT NO.
1177566

EXEMPT
77.25(2)

1177566

STATE BAR OF WISCONSIN - FORM 5
PERSONAL REPRESENTATIVE'S DEED
THIS SPACE RESERVED FOR RECORDING DATA
REGISTRATION NO. 135
WAUKESHA COUNTY, WIS.

1982 MAR -1 AM 9:15
CEL 484 IMAGE 1091

NICHOLAS G. EWENS, as Personal Representative of the estate of
ISAIAH BRUCE, deceased

for a valuable consideration conveys without warranty to the Village
of Menomonee Falls, a Wisconsin Municipal
Corporation

the following described real estate in Waukesha County,
State of Wisconsin: (hereinafter called the "Property").

RETURN TO
100 N. ...
...

Parcel 1

All that part of the Southeast 1/4 of the Southwest 1/4 of Section 15 in Town 8 North Range 20 East, being in the Village of Menomonee Falls, County of Waukesha, State of Wisconsin, which is described as follows:
Beginning at the Northeast corner of the Southeast 1/4 of the Southwest 1/4 of said Section; thence running due West on the eighth line a distance of 18 rods, 11 feet; thence running due South 80 rods to the South line of said Section; thence running due East along said Section line, 18 rods, 11 feet; thence running due North along the line between the Southwest 1/4 and the Southeast 1/4 of said Section, a distance of 80 rods to the place of beginning.

Tax Key No. 59.986, 59.987 and 59.988

Parcel 2

The center 9 1/3 acres of the following described real estate, to-wit:
The Southeast 1/4 of the Southwest 1/4 of Section 15 in Town 8 North, Range 20 East, being in the Village of Menomonee Falls, County of Waukesha, State of Wisconsin, except 12 acres from the West side thereof heretofore sold and conveyed to one Barnabas Wick.
This center 9 1/3 acres is the acreage immediately to the West of and adjoins the above described Parcel 1 the following described real estate situated in the County of Waukesha, State of Wisconsin, to-wit:
So much of the Southwest 1/4 of Section 15, Town 8 North of Range 20 East, being in the Village of Menomonee Falls in said County, which is described as follows:
Beginning at the Northeast corner of the Southeast 1/4 of the Southwest 1/4 of said Section; thence running due West on the eighth line a distance of 18 rods, 11 feet; thence running due South 80 rods to the South line of said Section; thence running due East along said Section line, 18 rods, 11 feet;

Personal Representative by this deed does convey to Grantee all of the estate and interest in the Property which the Decedent had immediately prior to Decedent's death, and all of the estate and interest in the Property which the Personal Representative has since acquired.

(SEAL) *Nicholas G. Ewens* (SEAL)
NICHOLAS G. EWENS
Per. Rep. of the Estate of ISAIAH BRUCE, deceased.

AUTHENTICATION

ACKNOWLEDGMENT

Subscribed and authenticated this 10 day of

STATE OF WISCONSIN

MILWAUKEE County

Personally came before me this 10 day of

NICHOLAS G. EWENS, Per. Rep. of the Estate of Isaiah Bruce, dec'd.

TITLE: MEMBER STATE BAR OF WISCONSIN

NICHOLAS G. EWENS
Attorney at Law

Lester J. Dancker
Lester J. Dancker
Milwaukee County, Wis.

This instrument may be authenticated or acknowledged. Each of the witnesses is a natural person.

Notary Public Milwaukee County, Wis.

thence running due North along the line between the Southwest $\frac{1}{4}$ and the Southeast $\frac{1}{4}$ of said Section, a distance of 80 rods to the place of beginning.

Parcel 3

All that part of the Southeast $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ of Section 15, in Town 8 North of Range 20 East, being in the Village of Menomonee Falls, County of Waukesha, State of Wisconsin, which is described as follows: Beginning at a point on the eighth line of said Southeast $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ of said Section, 37 rods $5\frac{1}{2}$ feet West of the Northeast corner of the Southeast $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ of said Section; thence running due West 18 rods, 11 feet; thence running due South 80 rods; thence running due East 18 rods, 11 feet; thence running due North 80 rods to the place of beginning.

2373861

DEED BY CORPORATION

Document No.

Document Title

RE 3005 790

Exempt from fee: S.77.25 (2) & (12)

THIS DEED, made by The Village of Menomonee Falls, a Wisconsin Municipal Corporation a corporation duly organized and existing under the laws of the State of Wisconsin and duly authorized to transact business in the State of Wisconsin, with its principal place of business at W156 N8480 Pilgrim Road

Village of Menomonee Falls County of Waukesha State of Wisconsin grantor, conveys and warrants the property described below to WAUKESHA COUNTY grantee, for the sum of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged (\$1.00)

Any person named in this deed may make an appeal from the amount of compensation within six months after the date of recording of this deed as set forth in S. 32.05(2a) Wisconsin Statutes. For the purpose of any such appeal, the amount of compensation stated on this deed shall be treated as the award, and the date the deed is recorded shall be treated as the date of taking and the date of evaluation.

Other parties having an interest in the property:

REGISTER'S OFFICE
WAUKESHA COUNTY, WIS } SS

98 OCT 14 AM 11:10
REEL 2761 IMAGE 0730

REGISTER OF DEEDS

Recording Area

Name and Return Address:

The Highland Group
312 E. Main St., Suite 209
Watertown, WI 53094

*Waukesha Trans
12 due*

FEE
77-25 (2)
EXEMPT (12)

MNFV 59.988
Parcel Identification Number (PIN)

LEGAL DESCRIPTION IS ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE.

The undersigned certify that this instrument is being executed pursuant to a resolution of the board of directors (or shareholders, if authorized by aw) of grantor corporation.

CORPORATE ACKNOWLEDGEMENT

9-22-98
(Date)

The Village of Menomonee Falls, A Wisconsin Municipal Corporation
(Corporation Name)

State of Wisconsin

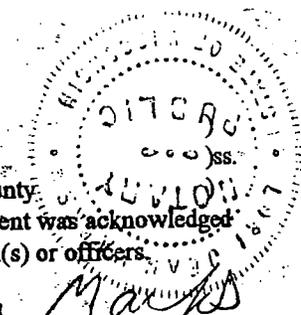
Waukesha County, WAUKESHA ss.
On the above date, this instrument was acknowledged before me by the named person(s) or officers.

By: Richard A. Farrenkopf
(Officer Signature)
Richard A. Farrenkopf, Village Clerk
(Print Name, Title)

Lori Jean Marks
(Signature, Notary Public, State of Wisconsin)

By: Joseph J. Greco
(Officer Signature)
Joseph J. Greco, Village President
(Print Name, Title)

LORI J. MARKS
(Print or Type Name, Notary Public, State of Wisconsin)
11-15-98
(Date Commission Expires)



Project #95-2752(13)

This instrument was drafted by Waukesha County.

Parcel No. 49

Project No.: 95-2752(13)
Grantor: Village of Menomonee Falls
Parcel No.: 49
Interest Required: FEE

Fee Title in and to all that part of the Southeast one-quarter and the Southwest one-quarter of Section 15, Township 8 North, Range 20 East, Village of Menomonee Falls, Waukesha County, Wisconsin, more particularly described as follows:

Beginning at the South one-quarter corner of said Section 15; thence North $89^{\circ}17'43''$ East along the south line of said section 876.81 feet to a point on the owner's easterly property line; thence North $00^{\circ}04'57''$ West along said owner's easterly property line 50.00 feet to a point; thence South $89^{\circ}17'43''$ West 878.01 feet to a point on the west line of said Southeast one-quarter Section 15; thence South $89^{\circ}17'43''$ West 924.01 feet to a point on the owner's westerly property line; thence South $00^{\circ}04'57''$ East along said westerly property line 50.00 feet to a point on the South line of said section; thence North $89^{\circ}17'43''$ East along said section line 924.00 feet to the South one-quarter corner of said Section 15 and the point of beginning.

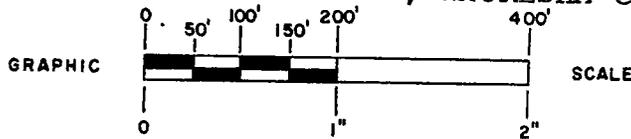
Said parcel contains 1.04 acres, more or less exclusive of those lands previously conveyed or dedicated for highway purposes.

Copy

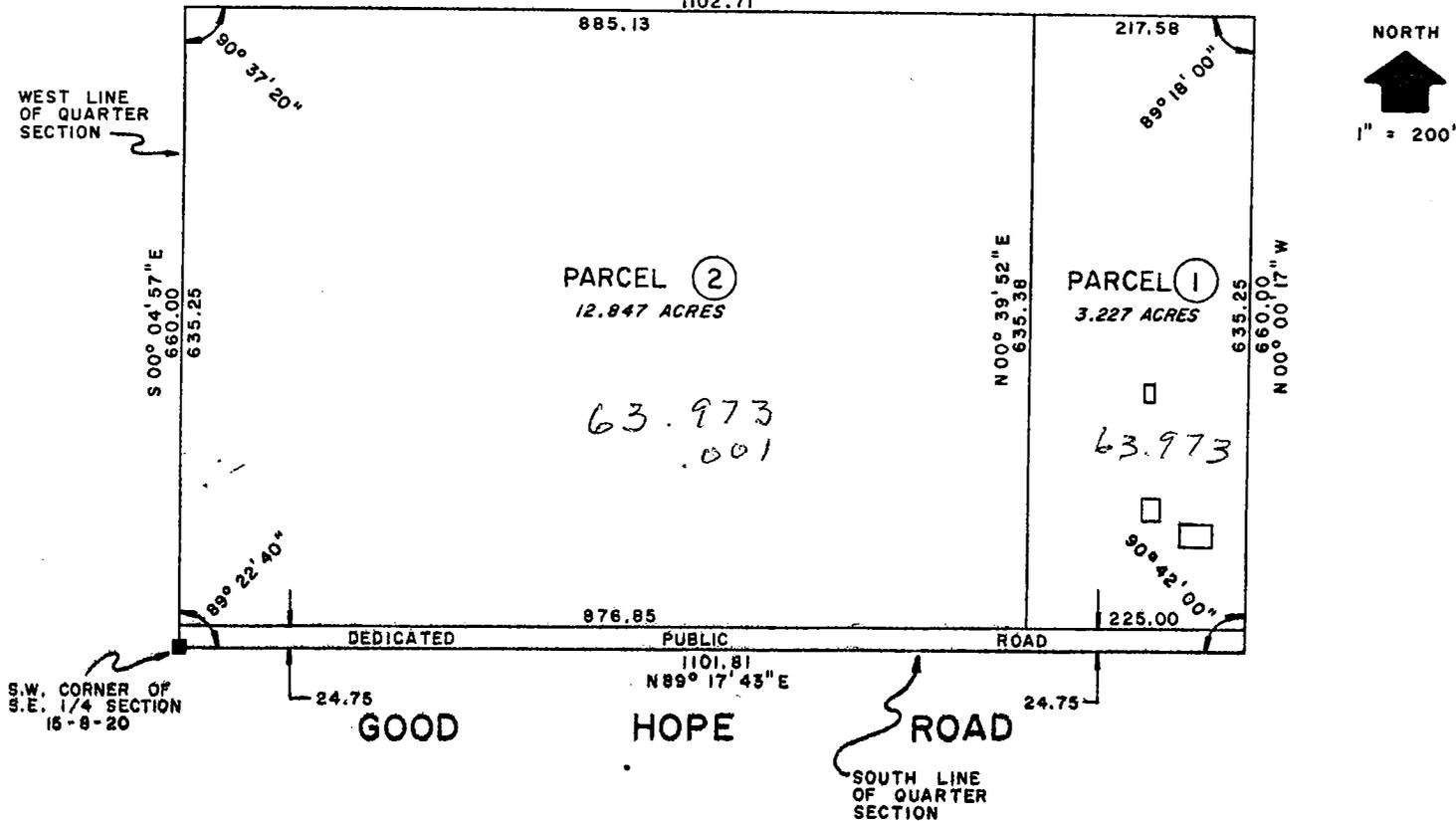
918809

CERTIFIED SURVEY MAP NO. 2349

BEING A PART OF THE SE 1/4 OF SECTION 15, T8N, R20E,
IN THE VILLAGE OF MENOMONEE FALLS, WAUKESHA COUNTY, WISCONSIN



S 89° 17' 43" W
1102.71



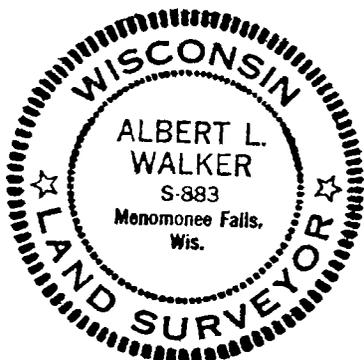
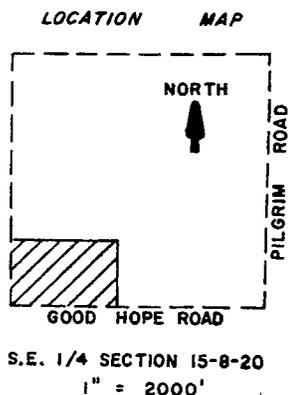
Map bearings are referenced to the Wisconsin State Plane Coordinate System, South Zone Grid.

Reference Meridian is the west line of the SE 1/4 of Section 15.

■ - Denotes Concrete Monument

All lot corners are monumented with an iron pipe having a minimum size of 1" diameter, 24" long, weight 1.13 lbs. per lineal foot.

Dimensions shown are measured for the nearest hundredth of a foot.



VILLAGE OF MENOMONEE FALLS
ENGINEERING DEPT.

P.O. BOX 100
MENOMONEE FALLS, WI.
53051
(414) 251-7800

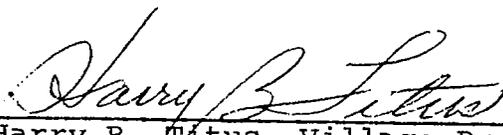
46

CERTIFIED SURVEY MAP NO. _____

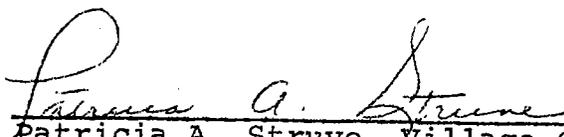
BEING A PART OF THE SE $\frac{1}{4}$ OF SECTION 15, T8N, R20E,
IN THE VILLAGE OF MENOMONEE FALLS, WAUKESHA COUNTY, WISCONSIN

VILLAGE BOARD APPROVAL

RESOLVED, that the Certified Survey Map of the land owned by Dan E. Morrison and Mary Morrison, his wife, being a part of the SE $\frac{1}{4}$ of Section 15, T8N, R20E, in the Village of Menomonee Falls, Waukesha County, Wisconsin, having been approved by the Plan Commission, being the same is hereby approved by the Village Board of Trustees of the Village of Menomonee Falls, Wisconsin on this 21 day of JULY 1975.


Harry B. Titus, Village President

I HEREBY CERTIFY that the foregoing is a copy of a resolution adopted by the Village of Menomonee Falls, Board of Trustees on this 21 day of JULY 1975.


Patricia A. Struve, Village Clerk

Recorded 7-28-75 Map No. 2349 Vol. 17 Pages 46-49

This instrument was drafted by Albert L. Walker, Land Surveyor.

REGISTER'S OFFICE) SS **918809**

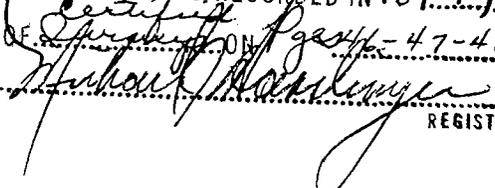
Waukesha Co. Wis.) No.

RECEIVED FOR RECORD THE 28 DAY

JULY A. D., 1975 AT 11:17

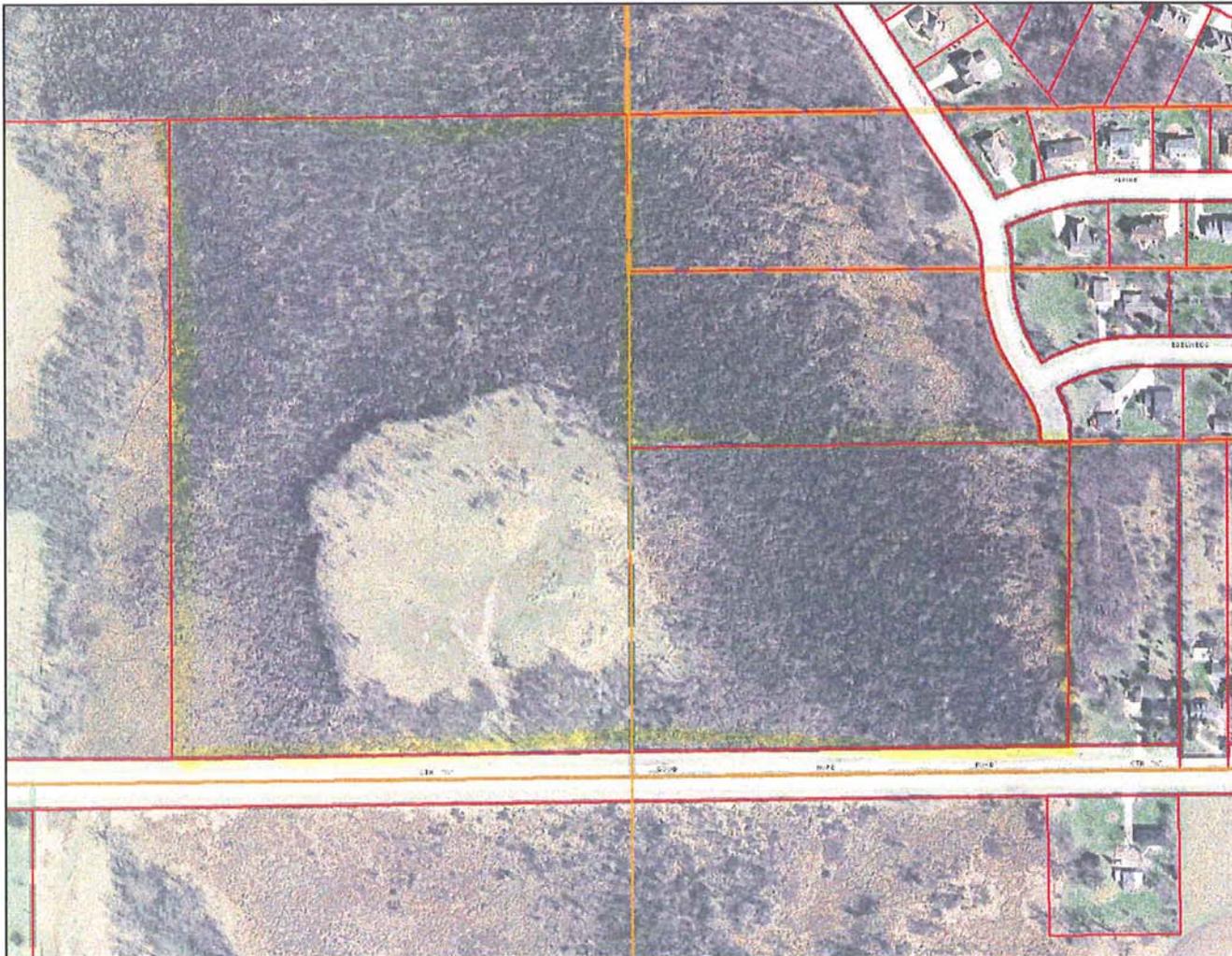
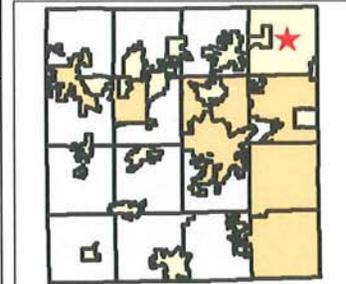
CLOCK 7 M. & RECORDED IN Vol. 17

OF Menomonee Falls ON Pages 47-48-49


REGISTERED



Waukesha County GIS Map



Legend

- Points of Interest**
- Type
- Airport
- Cemetery
- Fire Station
- Government Building
- Hospital
- Library
- Post Office
- Park or Recreation
- School
- Unincorporated Place
- County Parks
- Police Station
- Street Substation
- Local District Boundaries
- Jurisdictional Boundaries
- Public Subdivisions
- Public Quarter Section Lines
- Parcels
- Unincorporated Parcels
- Road Rights of Way**
- Road Type
- Local Road
- Highway
- Private Road
- Unimproved
- Unimproved Plat
- Condo Plat
- Lot Plat
- Subdivision Plat
- Railroad Rights of Way**
- RA Road Status
- Active
- Abandoned
- Lakes and Rivers
- Streams and Creeks
- Waukesha County 2007**
- RID**
- RID - Dist. 1
- RID - Dist. 2
- RID - Dist. 3



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March 5, 2010

Mr. Chris Hatfield
Bonestroo, Incorporated
12075 North Corporate Parkway, Suite 210
Mequon, Wisconsin 53092

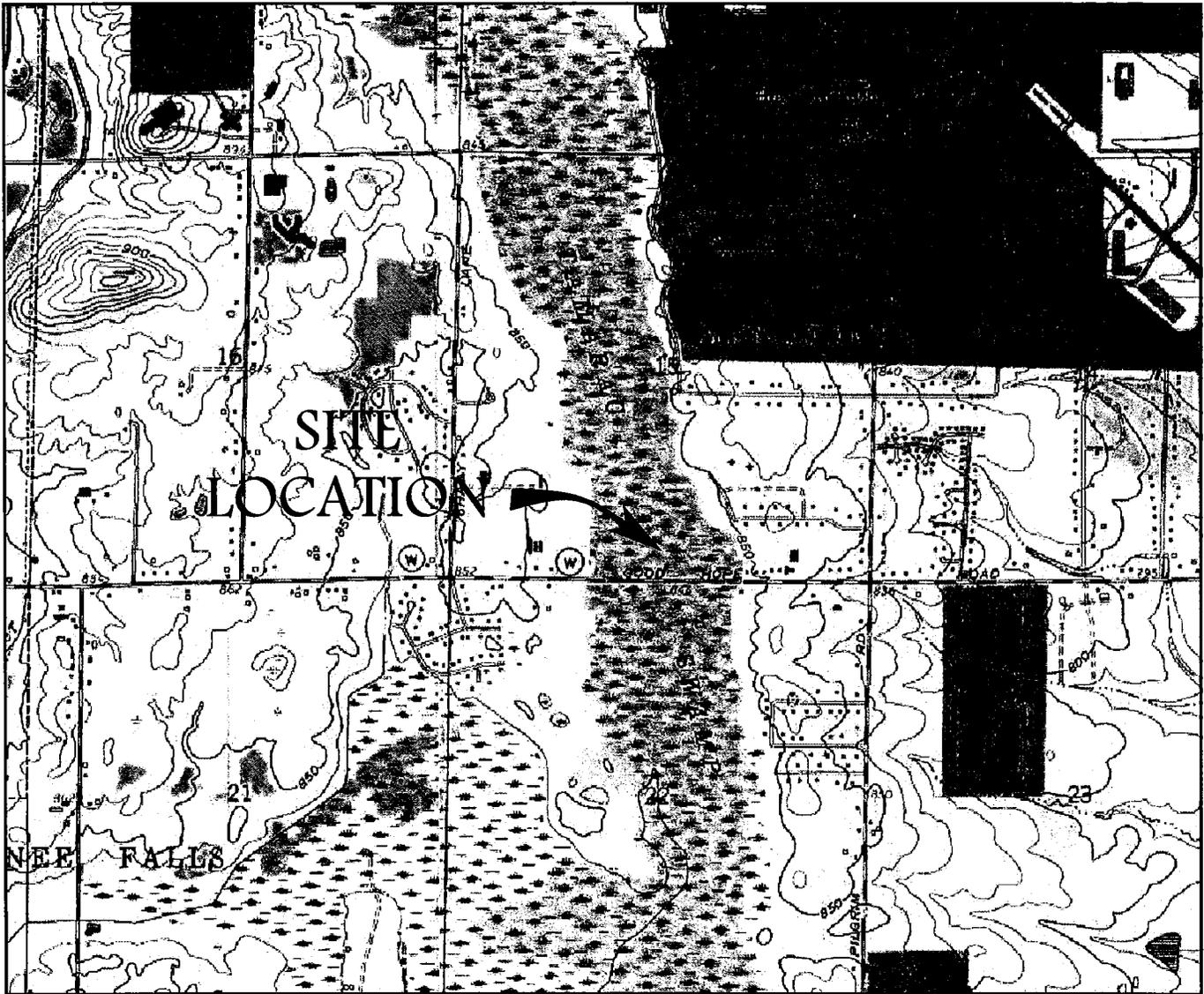
Re: Signed Statement; former Bruce Dump Property, Good Hope Road, Menomonee Falls,
Wisconsin

Dear Mr. Hatfield:

The parcel ID numbers for the above-referenced site from the Shawano County Register of Deeds is MNFV0060973001 and MMFV0059988. The most-recent deeds are enclosed. I, *Nancy Creipenhagen*, am providing a signed statement that the legal description and attachments to this statement are, to the best of my knowledge, complete and accurate.

Sincerely,
Village of Menomonee Falls

Nancy Creipenhagen



SCALE IN FEET

1" = 2000'



CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

BASE MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE, MENOMONEE FALLS, WISCONSIN, 1994 (NATIONAL GEOGRAPHIC HOLDINGS, INC.)



Bonestroo

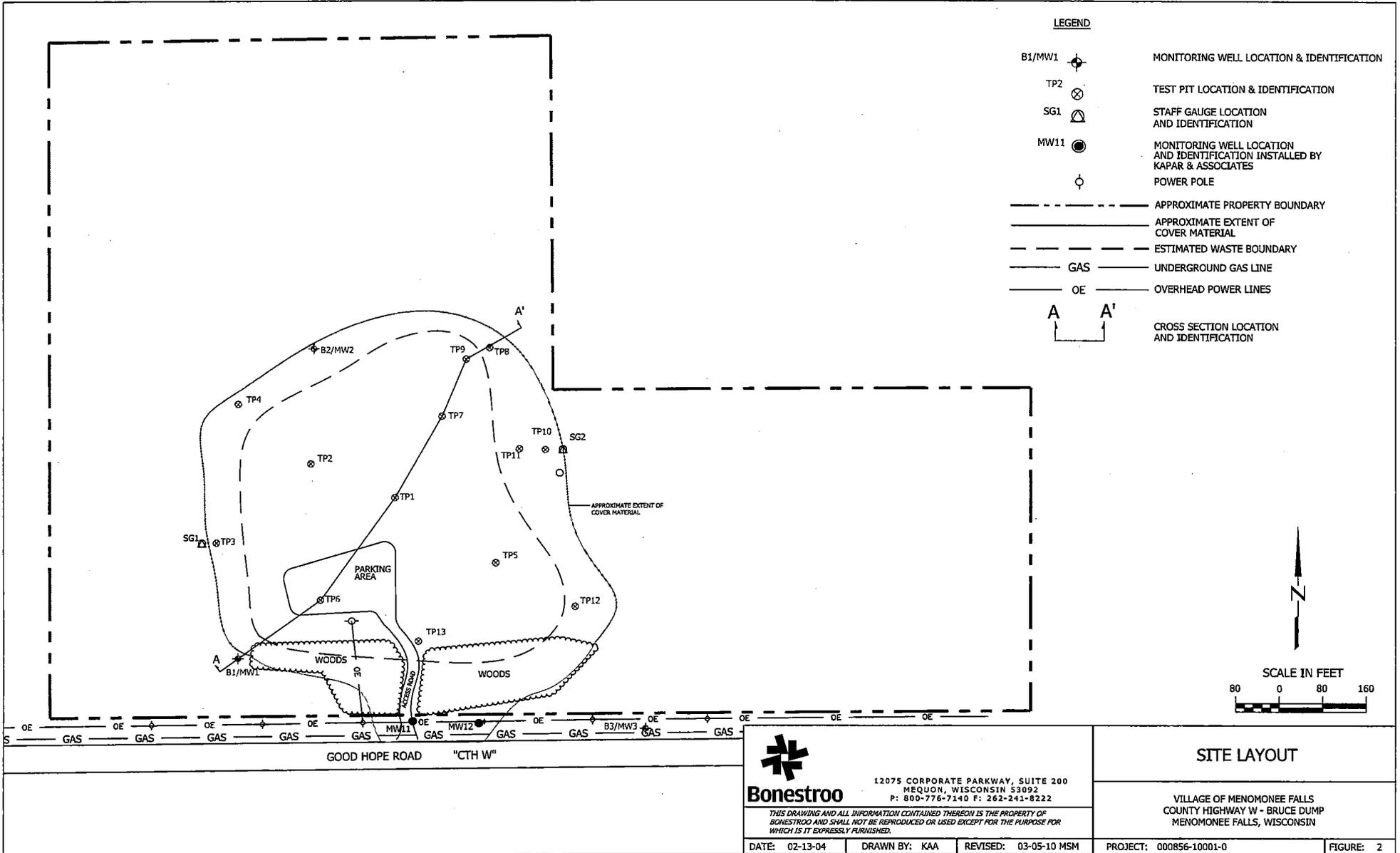
12075 CORPORATE PKWY, SUITE 200
MEQUON, WISCONSIN 53092
P: 262-241-4466 F: 262-241-4901

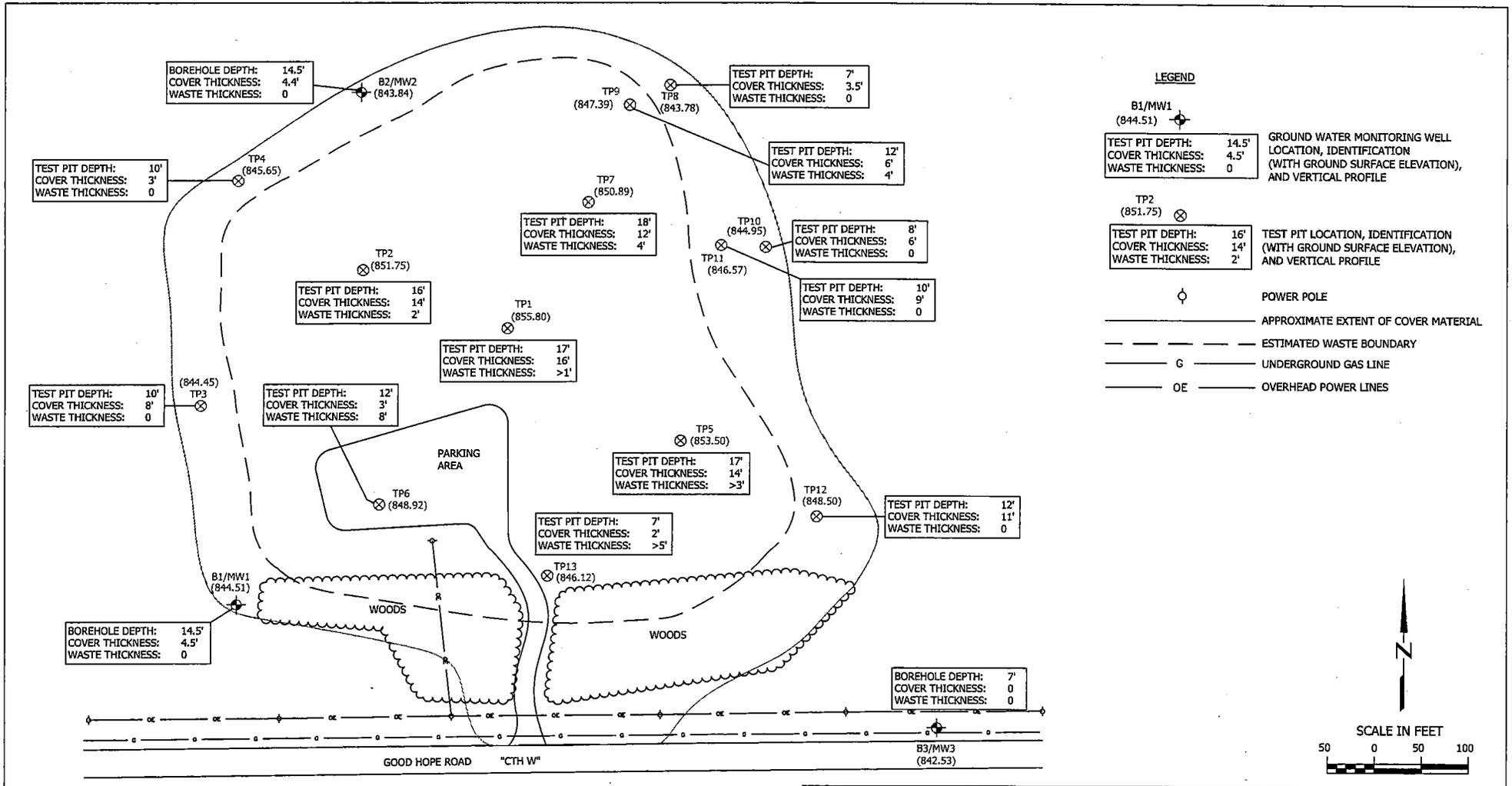
THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF BONESTROO INCORPORATED AND SHALL NOT BE REPRODUCED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.

**SITE LOCATION
& LOCAL TOPOGRAPHY**

**VILLAGE OF MENOMONEE FALLS
HIGHWAY W - BRUCE DUMP
MENOMONEE FALLS, WI**

DATE: 02-13-04	DRAWN BY: KAA	REVISED: 03-04-10 MSM	PROJECT NUMBER: 000856-10001-0	FIGURE: 1
----------------	---------------	-----------------------	--------------------------------	-----------





<p>Bonestroo</p> <p>12075 CORPORATE PARKWAY, SUITE 200 MEQUON, WISCONSIN 53092 P: 800-776-7140 F: 262-241-8222</p> <p><small>THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF BONESTROO AND SHALL NOT BE REPRODUCED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IS IT EXPRESSLY FURNISHED.</small></p>	<p>TEST PIT/BOREHOLE DEPTH, COVER THICKNESS, WASTE THICKNESS, & ESTIMATED WASTE BOUNDARY</p> <p>VILLAGE OF MENOMONEE FALLS COUNTY HIGHWAY W - BRUCE DUMP MENOMONEE FALLS, WISCONSIN</p>	
	<p>DATE: 02-13-04</p> <p>DRAWN BY: KAA</p> <p>REVISED: 03-11-10 MSM</p>	<p>PROJECT: 000856-10001-0</p>

TP6 848.92 TEST PIT/SOIL BOREHOLE IDENTIFICATION AND GROUND SURFACE ELEVATION

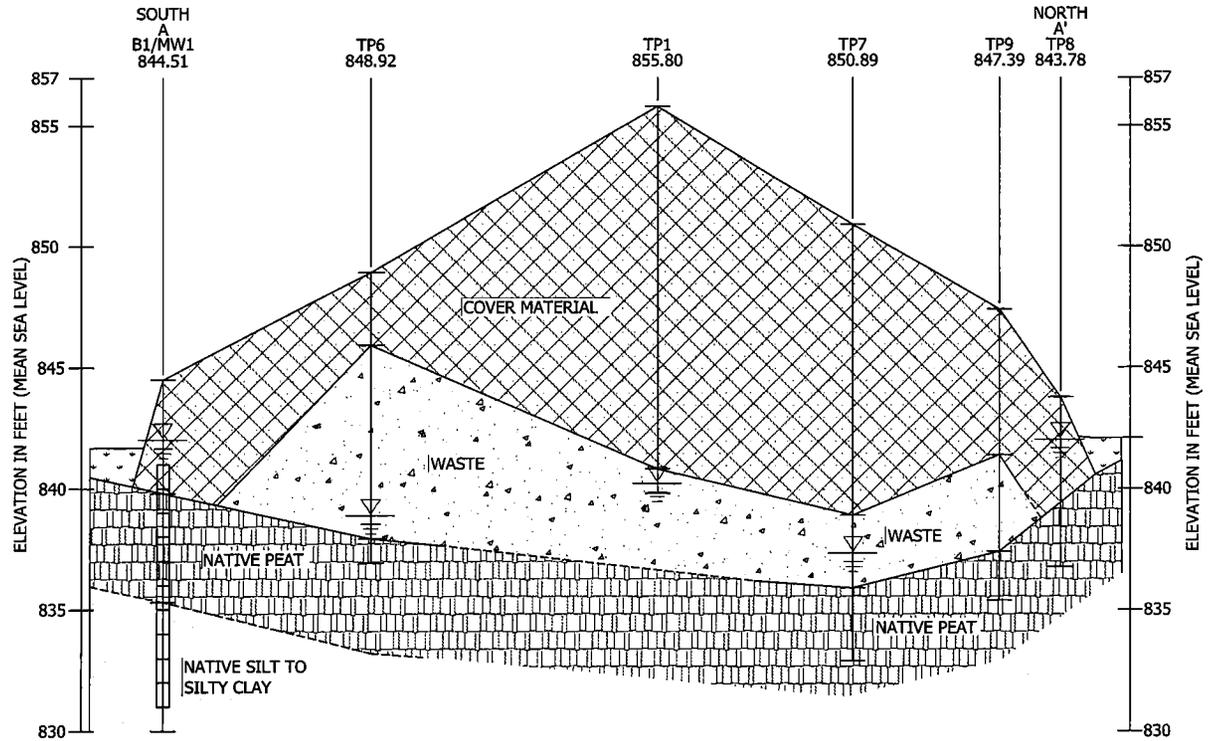
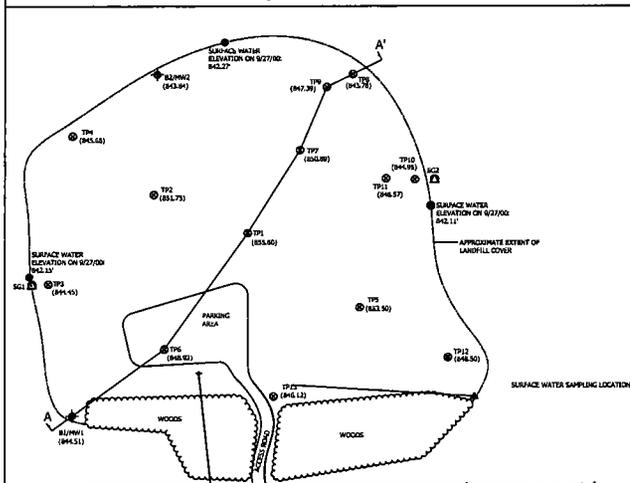
TEST PIT/BOREHOLE WITH SAMPLE INTERVAL

B1/MW1 844.51 MONITORING WELL IDENTIFICATION AND GROUND SURFACE ELEVATION

GROUND-WATER MONITORING WELL WITH SCREENED INTERVAL

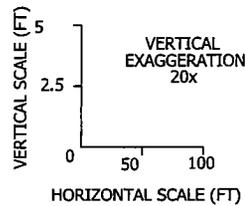
418/NA PID(iui)/GRO(mg/kg)
 PID PHOTO IONIZATION DETECTOR
 GRO GASOLINE RANGE ORGANICS
 iui INSTRUMENT UNITS AS ISOBUTYLENE
 mg/kg MILLIGRAMS PER KILOGRAM

CROSS-SECTION REFERENCE MAP
 (1"=200')

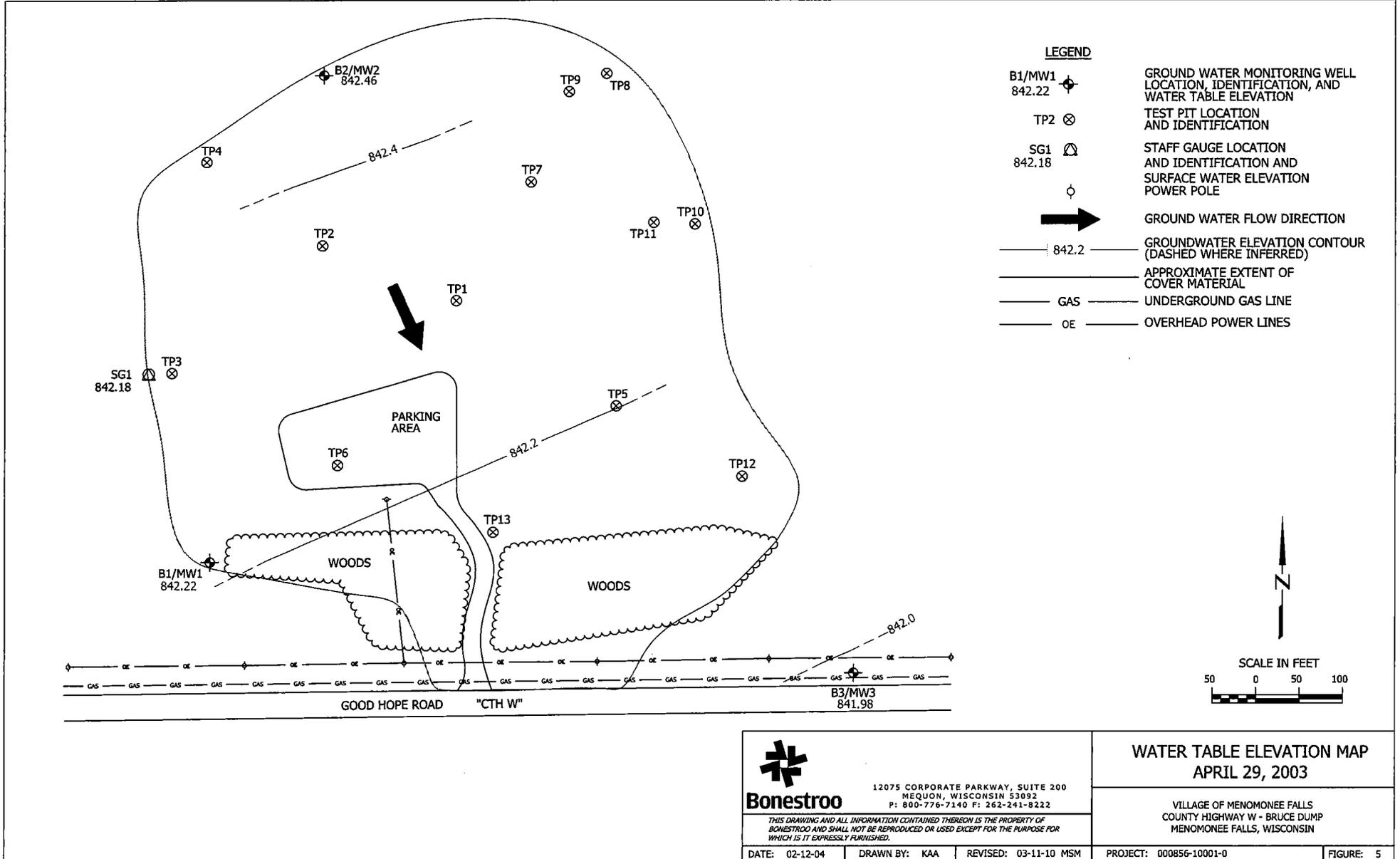


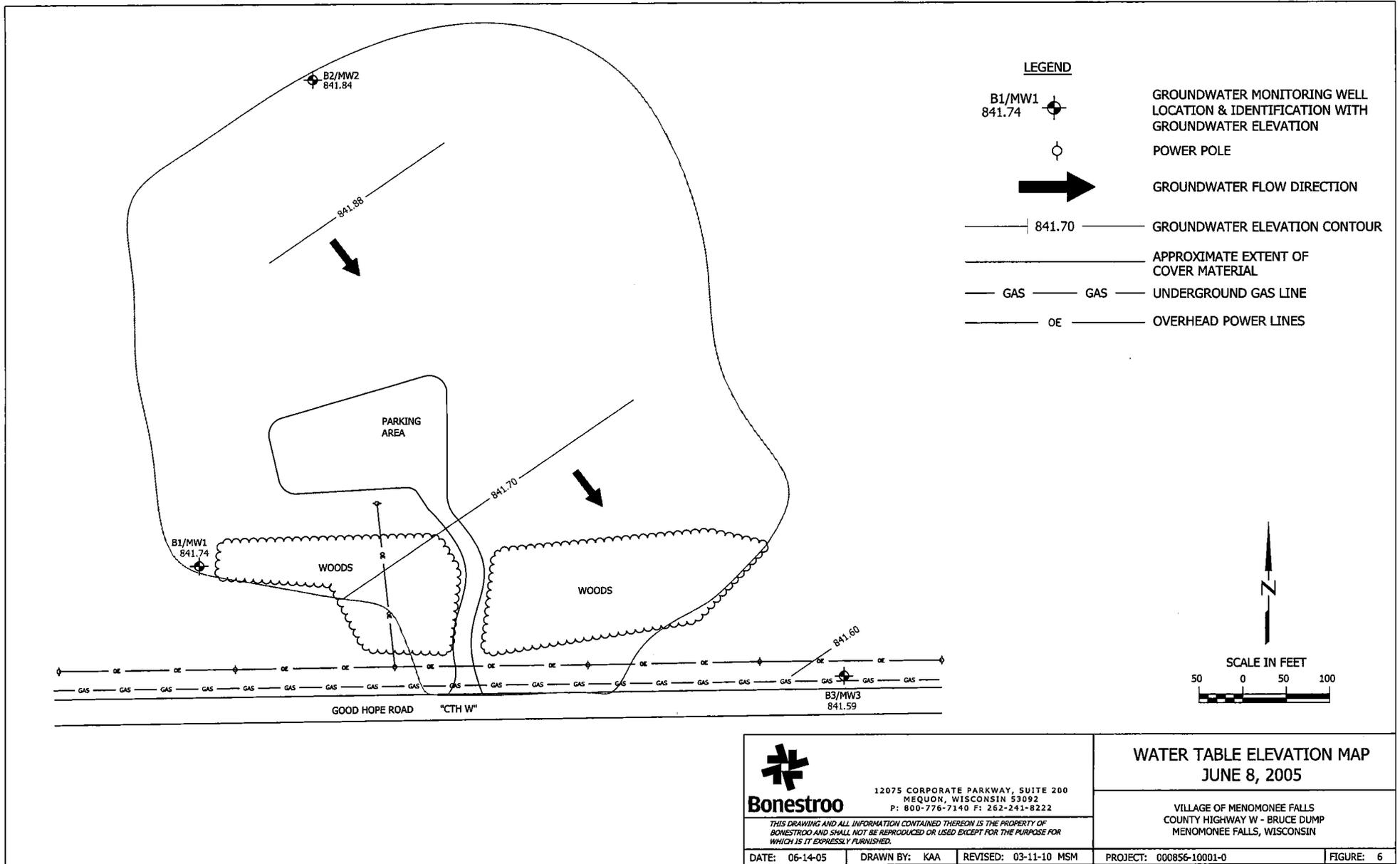
EXPLANATION

- COVER MATERIAL
- TAMARAC SWAMP
- WASTE
- NATIVE PEAT
- NATIVE SILT TO SILTY CLAY
- WATER LEVEL OBSERVED (WATER LEVELS SHOWN IN THE TEST PITS WERE OBSERVED ON DIFFERENT DAYS THAN WATER LEVELS OBSERVED IN THE MONITORING WELLS.)

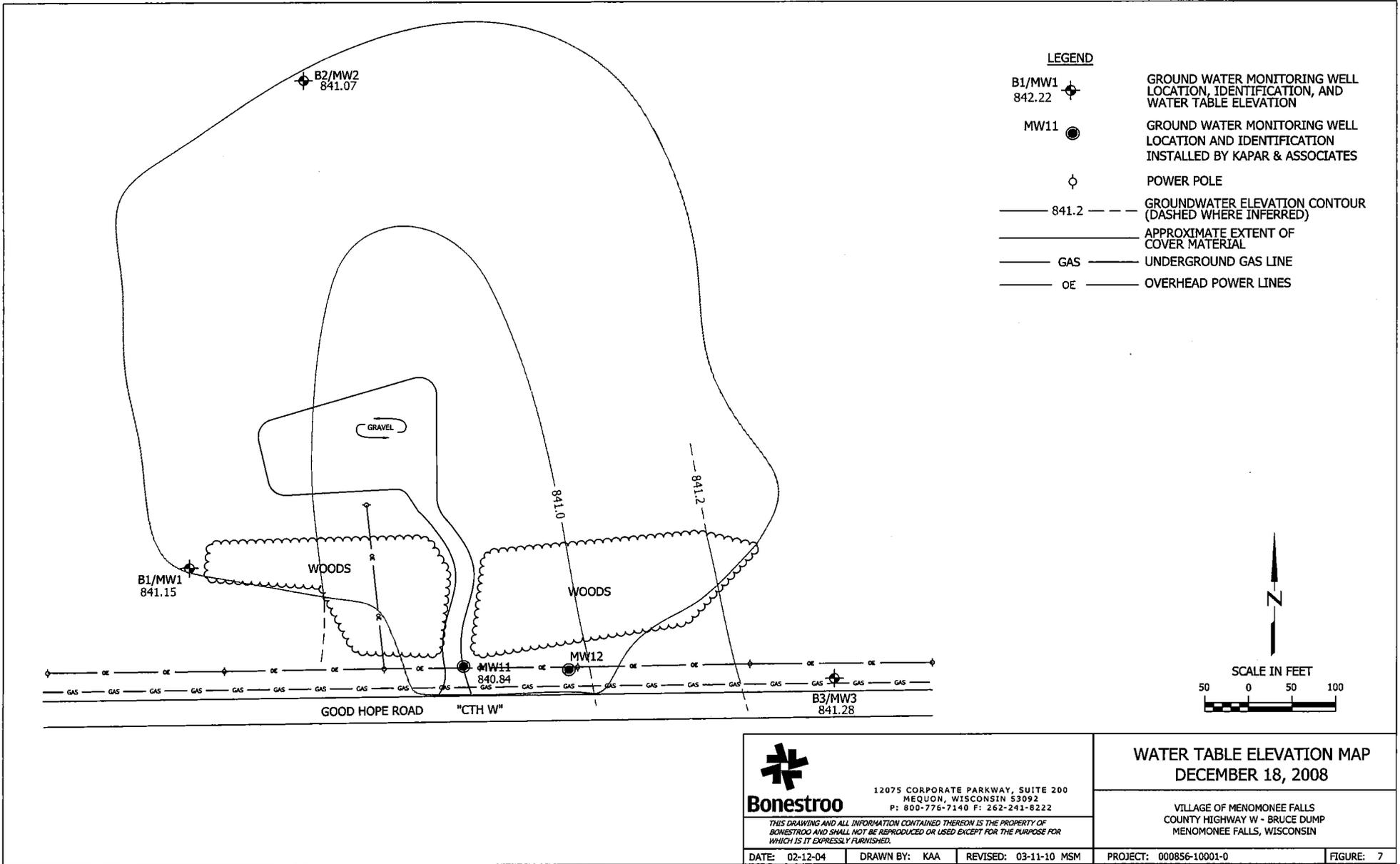


 Bonestroo 12075 CORPORATE PARKWAY, SUITE 200 NEQUON, WISCONSIN 53092 P: 800-776-7140 F: 262-241-8222 <small>THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF BONESTROO AND SHALL NOT BE REPRODUCED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IS IT EXPRESSLY FURNISHED.</small>	GEOLOGIC CROSS-SECTION A-A'
	VILLAGE OF MENOMONEE FALLS COUNTY HIGHWAY W - BRUCE DUMP MENOMONEE FALLS, WISCONSIN
DATE: 02-13-04 DRAWN BY: KAA REVISED: 03-04-10 MSM PROJECT: 000856-10001-0 FIGURE: 4	





 <p>Bonestroo</p> <p>12075 CORPORATE PARKWAY, SUITE 200 MEQUON, WISCONSIN 53092 P: 800-776-7140 F: 262-241-8222</p> <p><small>THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF BONESTROO AND SHALL NOT BE REPRODUCED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IS IT EXPRESSLY FURNISHED.</small></p>	WATER TABLE ELEVATION MAP JUNE 8, 2005			
	VILLAGE OF MENOMONEE FALLS COUNTY HIGHWAY W - BRUCE DUMP MENOMONEE FALLS, WISCONSIN			
DATE: 06-14-05	DRAWN BY: KAA	REVISED: 03-11-10 MSM	PROJECT: 000856-10001-0	FIGURE: 6



LEGEND

- B1/MW1 842.22 GROUND WATER MONITORING WELL LOCATION, IDENTIFICATION, AND WATER TABLE ELEVATION
- MW11 GROUND WATER MONITORING WELL LOCATION AND IDENTIFICATION INSTALLED BY KAPAR & ASSOCIATES
- POWER POLE
- 841.2 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- APPROXIMATE EXTENT OF COVER MATERIAL
- GAS UNDERGROUND GAS LINE
- OE OVERHEAD POWER LINES

 Bonestroo 12075 CORPORATE PARKWAY, SUITE 200 MEQUON, WISCONSIN 53092 P: 800-776-7140 F: 262-241-8222 <small>THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF BONESTROO AND SHALL NOT BE REPRODUCED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IS IT EXPRESSLY FURNISHED.</small>	WATER TABLE ELEVATION MAP DECEMBER 18, 2008
	VILLAGE OF MEMONEE FALLS COUNTY HIGHWAY W - BRUCE DUMP MEMONEE FALLS, WISCONSIN
DATE: 02-12-04 DRAWN BY: KAA REVISED: 03-11-10 MSM PROJECT: 000856-10001-0 FIGURE: 7	

Table 1 Soil Sample Laboratory Analytical Results, Village of Menomonee Falls Landfill (Bruce Dump), Menomonee Falls, Wisconsin

Resource Conservation Recovery Act Metals and Volatile Organic Compounds

Test Pit Number	Sample Number	Depth (feet)	Date Collected	Metals (milligrams per kilogram)									Detected Volatile Organic Compound Analytes (micrograms per kilogram)											Sample Description
				Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes		
TP1	TP1-7	14	09/26/00	3.8	45	<1.2	10	6.9 "J"	<0.03	<2.5	<3	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75	Silty clay with some gravel, gray and brown, cover material	
TP2	TP2-8	16	09/26/00	5.5	45	<1.2	1.1 "J"	<6	0.077 "J"	<2.5	<3	9100	7700	<250	6700	4000	4500	51,000	2900	18,000	7300	18,100	Native peat	
TP5	TP5-8	17	09/26/00	9.2	110	<1.2	51	32	0.063 "J"	<2.5	6.0 "J"	<25	190	230	40	<25	<25	490	<25	150	40	34	Silty clay, black, with little waste (cloth & plastic) and gravel	
TP6	TP6-6	12	09/27/00	3.1	101	<1.2	14	<6	0.132	5.1 "J"	<3	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75	Native peat	
TP7	TP7-9	18	09/27/00	9.7	72	<1.2	3	<6	0.098 "J"	3.8 "J"	4.1 "J"	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<75	Native peat	
Chapter NR 720, Wisconsin Administrative Code Generic Residual Contaminant Level				0.039	NE	8	14	50	NE	NE	NE	5.5	NE	NE	2900	NE	NE	NE	NE	NE	NE	4100		

Polynuclear Aromatic Hydrocarbons

Borehole Number	Sample Number	Date Collected	Polynuclear Aromatic Hydrocarbons (micrograms per kilogram)																	Sample Description	
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene		Pyrene
TP1	TP1-7	09/26/00	<21	<24	<36	<23	<34	<46	<29	<48	<42	26 "J"	<38	<47	19 "J"	<31	<21	<30	<35	<45	Silty clay with some gravel, gray and brown, cover material
TP2	TP2-8	09/26/00	6500	<100	1400	640	300 "J"	<180	<120	<190	720	<72	900	7300	110 "J"	18,000	17,000	83,000	10,000	2100	Native peat
TP5	TP5-8	09/26/00	350	33 "J"	630	580	360	460	190	260	710	160	2200	480	210	240	250	500	2600	1900	Silty clay, black, with little waste (cloth & plastic) and gravel
TP6	TP6-6	09/27/00	<42	<48	<72	<46	<68	<92	<58	<100	<84	58 "J"	<76	<94	<36	<62	<42	<60	<70	<90	Native peat
TP7	TP7-9	09/27/00	<84	<100	<140	<92	<140	<180	<120	<190	<170	<72	<150	<190	<72	<120	<84	<120	<140	<180	Native peat
Suggested Generic Residual Contaminant Levels			38,000	700	3,000,000	17,000	48,000	360,000	6,800,000	870,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1800	8,700,000	

Note:

- NE = no generic RCL has been established
- <x = compound not detected to a detection limit of x
- XXX = exceeds Chapter NR 720, Wisconsin Administrative Code Soil Cleanup Standard
- XXX = exceeds suggested generic residual contaminant levels, Soil Cleanup Levels for Polynuclear Aromatic Hydrocarbons Interim Guidance, Publication RR-419-97, April 1997 (corrected)

Table 3 Groundwater Elevations, Village of Menomonee Falls County Highway W (Bruce Dump) Landfill, Menomonee Falls, Wisconsin

Well	Date	Ground Elevation	Riser Elevation	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Water Table Elevation (feet amsl)
MW1	11/13/00	844.51	847.32	16.65	5.18	2.37	842.14
	01/11/01				5.21	2.40	842.11
	04/29/03				5.10	2.29	842.22
	06/08/05				5.58	2.77	841.74
	12/18/08				6.17	3.36	841.15
MW2	11/13/00	843.84	847.00	16.70	5.58	2.42	841.42
	01/11/01				4.57	1.41	842.43
	04/29/03				4.54	1.38	842.46
	06/08/05				5.16	2.00	841.84
	12/18/08				5.93	2.77	841.07
MW3	11/13/00	842.53	842.41	6.95	0.42	0.54	841.99
	01/11/01				0.60	0.72	841.81
	04/29/03				0.43	0.55	841.98
	06/08/05				0.82	0.94	841.59
	12/18/08				1.13	1.25	841.28
MW11	12/18/08	-	844.54	-	3.70	-	840.84
MW12	12/18/08	-	-	-	1.82	-	-
SG1	01/11/01	NA	844.12	NA	1.91	-	842.21
	04/29/03				1.94		842.18
SG2	01/11/01 04/29/03	NA	844.39	NA	2.20	- Could not locate SG2	842.19

Note: All elevations referenced to feet above mean sea level (amsl)

- = not measured