

# GIS REGISTRY

## Cover Sheet

July, 2008  
(RR 5367)

### Source Property Information

BRRTS #: 03-02-552129

ACTIVITY NAME: GLIDDEN AMOCO

PROPERTY ADDRESS: 288 GRANT ST

MUNICIPALITY: Glidden

PARCEL ID #: 012-00291-0000

CLOSURE DATE: Jun 2, 2009

FID #:

DATCP #:

COMM #: 54527999988

#### \*WTM COORDINATES:

X: 475502 Y: 629213

*\* 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:

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations  
between residential 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 properly abandoned? (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 #: 03-02-552129 PARCEL ID #: 012-00291-0000

ACTIVITY NAME: GLIDDEN AMOCO WTM COORDINATES: X: 475502 Y: 629213

**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:** NA
- 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 & 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 Boring Locations**
- 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: Soil Contamination Contour Map**

BRRTS #: 03-02-552129

ACTIVITY NAME: GLIDDEN AMOCO

**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 #:**                      **Title:** NA

**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:** NA

- 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 #: 4**                      **Title: Groundwater Flow 10-08-08**

**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 #: 2 & 3**                      **Title: Soil Laboratory Analytical 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 #: 4**                      **Title: Groundwater Analytical Results**

- 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 #: 5**                      **Title: Water Level Data**

**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 #: 03-02-552129

ACTIVITY NAME: GLIDDEN AMOCO

## 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:**
- 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: 1**



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
BUREAU OF PECFA  
P.O. Box 8044  
Madison, Wisconsin 53708-8044  
TTY: Contact Through Relay  
Fax: (608) 267-1381  
Jim Doyle, Governor  
Richard J. Leinenkugel, Secretary

June 2, 2009

Bob Prochnow  
PO Box 181  
Glidden, WI 54527

**RE: Final Closure with Land Use Limitation to Address Direct Contact Risk**

**Commerce # 54527-9999-88-A DNR BRRTS # 03-02-552129**  
Glidden Amoco, 288 Grant St, Glidden

Dear Mr. Prochnow:

The Wisconsin Department of Commerce (Commerce) has determined that this site does not pose a significant threat to human health and the environment as long as current and subsequent property owners adhere to the following limitation:

The barrier cap must be maintained in accordance with the submitted maintenance plan.

Commerce has the authority per section 292.12(2), Wis. Stats., to require the maintenance of a barrier cap at this property. Failure to adhere to this limitation may result in financial penalties from \$10 to \$5,000 per day in accordance with section 292.99(1), Wis. Stats. Commerce may conduct inspections to ensure compliance with the maintenance plan. In the future, you may request that Commerce review *new* information to determine if the cap requirement can be changed or removed.

The following activities are prohibited on any portion of the property where pavement, a building foundation, soil cover, engineered cap or other barrier is required, unless prior written approval has been obtained from Commerce: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

This site is now listed as "closed" on the Commerce database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil contamination. To review all sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. It is in your best interest to keep all documentation related to the environmental activities at your site.

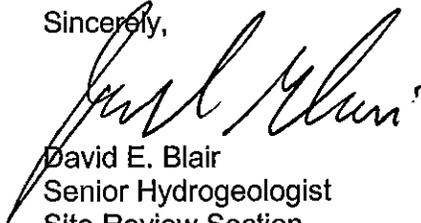
All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable State regulations and standards.

Costs for sampling and excavation activities conducted after case closure are not eligible for PECFA reimbursement. However, if it is determined that any undisturbed remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If

this case is reopened, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-2515.

Sincerely,

A handwritten signature in black ink, appearing to read "David E. Blair". The signature is written in a cursive style with a large initial "D".

David E. Blair  
Senior Hydrogeologist  
Site Review Section

cc: Hollie DePuydt, Bonestroo/Northern Environmental Technologies Inc

## PAVEMENT COVER MAINTENANCE PLAN

April 30, 2009

### Property Located at:

Glidden Amoco  
288 Grant Street  
Glidden Wisconsin 54527

WDNR BRRTS #03-02-552129

Commerce #54527-9999-88

Lot Eight (8), Block Four (4), Frazer and McLean's Addition to the Village of Chippewa Crossing, now Village of Glidden, Town of Jacobs, Ashland County, Wisconsin

Tax ID #012-00292-0000

### Introduction

This document is the Maintenance Plan for a pavement cover at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing paved surfaces occupying the area over the contaminated soil on-site. The contaminated soil is impacted by benzo(a)pyrene. The location of the paved surface to be maintained in accordance with this Maintenance Plan, as well as the impacted soil is identified in the attached map (Figure 3).

### Cover and Building Barrier Purpose

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

### Annual Inspection

The paved surfaces overlying the contaminated soil and as depicted in Figure 3 will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause 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 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 of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be available at the property for the Wisconsin Department of Commerce ("WDCOM") review, 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 will be scheduled as soon as practical. Repairs can include patching and filling operations or they can include larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers

of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

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

The property owner, in order to maintain the integrity of the paved surfaces, 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

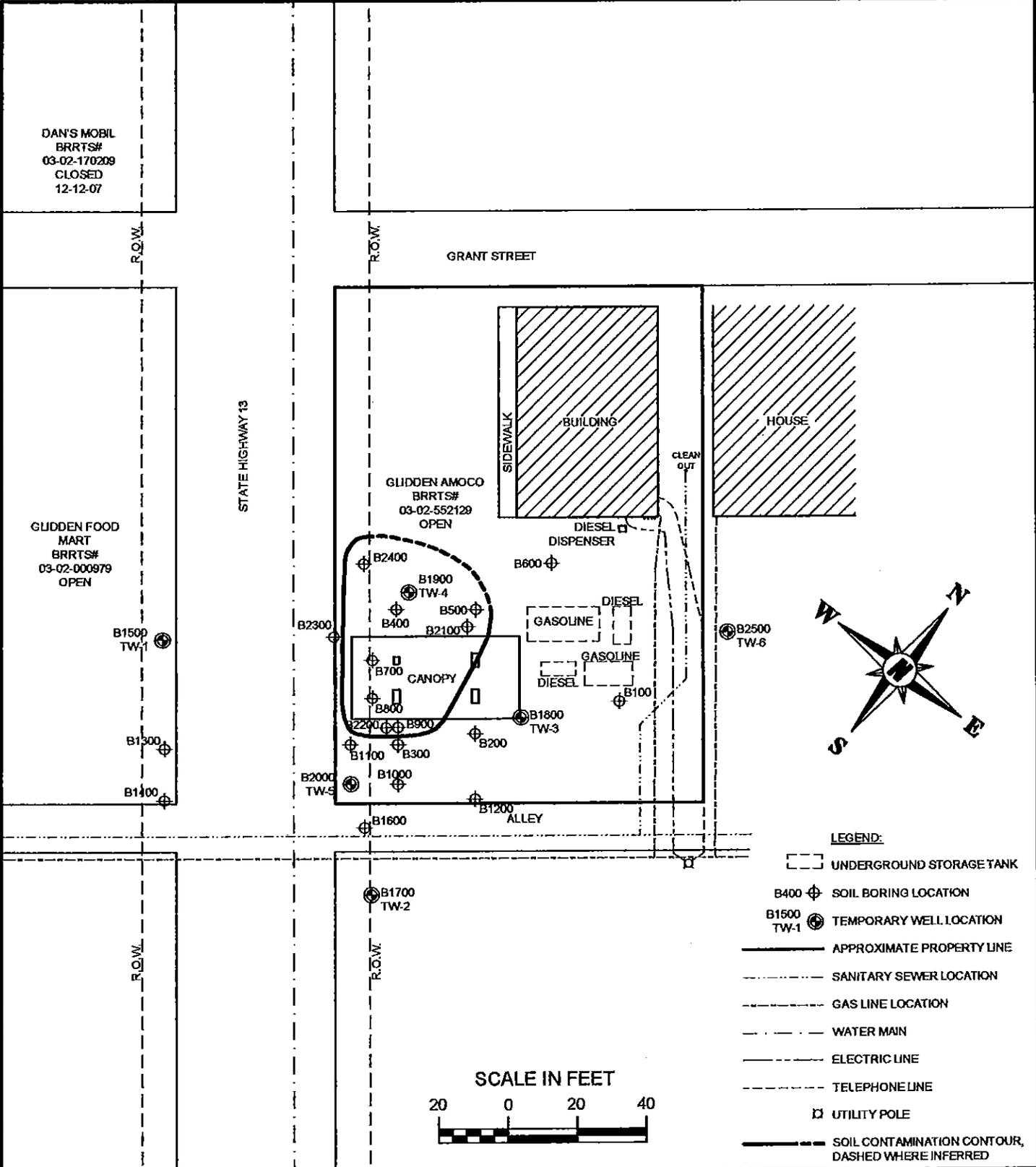
This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDCOM.

#### Contact Information April 2009

Site Owner and Operator: Mr. Bob Prochnow  
Post Office Box 181  
Glidden, Wisconsin 54527

Consultant: Bonestroo  
330 4<sup>th</sup> Avenue South  
Park Falls, Wisconsin 54552

WCOMM: Mr. David Blair  
Post Office Box 8044  
Madison, Wisconsin 53708



**Northern Environmental**

Hydrologists • Engineers • Surveyors • Scientists

330 South 4th Avenue, Park Falls, Wisconsin 54552  
 Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

*This drawing and all information contained thereon is the property of Northern Environmental. Northern Environmental will not be held liable for improper or incorrect usage. Professional seals and signatures do not apply to electronic drawing files. The user assumes all responsibility and risk for the accuracy and verification of all information contained in electronic files.*

**SOIL CONTAMINATION  
 CONTOUR MAP**

**GLIDDEN BP STATION  
 HIGHWAY 13  
 GLIDDEN, WI**

DATE: 04/30/09	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: 400-1264	FIGURE 3
----------------	---------------	------------------	--------------------------	----------

**Exhibit B**  
**Barrier INSPECTION LOG**

<b>Inspection Date</b>	<b>Inspector</b>	<b>Condition of Cap</b>	<b>Recommendations</b>	<b>Have Recommendations from previous inspection been implemented?</b>



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
BUREAU OF PECFA  
P.O. Box 8044  
Madison, Wisconsin 53708-8044  
TTY: Contact Through Relay  
Fax: (608) 267-1381  
Jim Doyle, Governor  
Richard J. Leinenkugel, Secretary

May 12, 2009

Bob Prochnow  
PO Box 181  
Glidden, WI 54527

**RE: Case Closure Consideration with Proposed Land Use Limitation for Direct Contact Risk**  
**Commerce # 54527-9999-88-A DNR BRRTS # 03-02-552129**  
Glidden Amoco, 288 Grant St, Glidden

Dear Mr. Prochnow:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Northern Environmental Technologies Inc, for the site referenced above. It is understood that residual soil contamination remains on site. This letter serves as written notice that no further investigation or remedial action is necessary.

Please be aware that compliance with the requirements of this letter is a responsibility to which you, the current property owner and any subsequent property owners must adhere, pursuant to section 292.12, Wisconsin Stats. If these requirements are not followed, Commerce may take enforcement action under section 292.11, Wis. Stats., to ensure compliance with the specified requirements, limitations or other conditions related to the property, or this case may be reopened pursuant to section NR 726.09, Wis. Administrative Code. It is Commerce's intent to conduct inspections in the future to ensure that the conditions included in this letter, including compliance with the referenced maintenance plan, are met.

### **Well Abandonment Requirements**

All six monitoring wells must be properly abandoned within 60 days and the appropriate documentation forwarded to Commerce at the letterhead address within 120 days of the date of this letter. Noncompliance with the abandonment requirement and deadline can result in enforcement action and financial penalties. A final closure letter will be sent after the abandonment requirements have been met.

### **Land Use Limitation Requirement to Address Direct Contact Risk**

Commerce has determined that this site does not pose a significant threat to the environment and human health as long as the barrier cap at this property is maintained. Residual petroleum concentrations in soil exceeding standards for the protection of human health from direct contact with contaminated soil remain in the vicinity of the canopy covered dispenser islands (borings B700, B1900, B2100, B2200 and B2400). Therefore, the existing barrier cap must be maintained in accordance with the maintenance plan provided to prevent direct contact exposure to shallow contaminated soil. A site figure that indicates the approximate area with shallow residual petroleum contamination in soil and the barrier cap maintenance plan are enclosed for your review.

This limitation must be adhered to by the current property owner and any subsequent owner. Failure to adhere to this restriction may result in financial penalties from \$10 to \$5,000 per day in accordance with section 292.99(1), Wis. Stats.

The following activities are prohibited on any portion of the property where pavement is required, as identified on the attached map, unless prior written approval has been obtained from Commerce: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Acceptance of the limitation to be imposed on the property makes it unnecessary to conduct additional soil remediation activities on the property at this time. In the future, you may request that Commerce review any new information to determine if the barrier requirement or maintenance plan can be changed or removed. If you do not want this limitation on your property, you must contact the undersigned to determine what remedial activities will be required, at your own expense, to close this case without the cap maintenance requirement.

### **GIS Registry of Closed Remediation Sites**

Information submitted with your closure request will be included on the Department of Natural Resources (DNR) GIS Registry of Closed Remediation Sites. All sites on the Registry can be viewed via the Remediation and Redevelopment (RR) Sites Map at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. Because residual contamination remains at the time of case closure, if you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

### **Residual Soil Contamination**

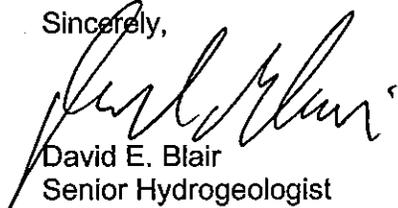
All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Costs for sampling and excavation activities conducted after the date of this letter are not eligible for PECFA reimbursement.

### **Claim Submittal Requirement**

Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-2515.

Sincerely,



David E. Blair  
Senior Hydrogeologist  
Site Review Section

Enclosure

cc: Hollie DePuydt, Bonestroo/Northern Environmental Technologies Inc

X266414

Document Number

STATE BAR OF WISCONSIN FORM 2 - 1998  
WARRANTY DEED

REGISTER OF DEEDS OFFICE  
ASHLAND COUNTY, WI  
Received for Record  
at 11:00 o'clock P.M. duly recorded in  
Vol. 507 of Records on Page 938  
SEP 28 1999  
Karen M. Miller  
REGISTER OF DEEDS

This Deed, made between MARK E. WILLMSEN and KAREN WILLMSEN, husband and wife, and each in his or her own right,

Grantor, and GLIDDEN AMOCO LLC, a limited liability company organized and existing under the laws of the State of Wisconsin,

Grantee. Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in Ashland County, State of Wisconsin:

Lots Seven (7) and Eight (8), Block Four (4), Frazer and McLean's Addition to the Village of Chippewa Crossing, now Village of Glidden, Town of Jacobs, Ashland County, Wisconsin.

Recording Area  
Name and Return Address  
Surety 30493

12-291-0 & 12-292-0  
Parcel Identification Number (PIN).  
This is not homestead property.  
(is) (is not)

**TRANSFER**  
**\$ 603.00**  
**FEE**

- Exceptions to warranties:
- 1) Subject to Ashland County Sanitary Code and Subdivision Control Ordinances;
  - 2) Subject to easements, exceptions, reservations and restrictions of record, if any; and
  - 3) Subject to flood plain zoning ordinances.

Dated this 22nd day of September, 1999

\_\_\_\_\_  
(SEAL)  
\* \_\_\_\_\_  
(SEAL)  
\* \_\_\_\_\_

[Signature] (SEAL)  
MARK E. WILLMSEN  
[Signature] (SEAL)  
\* KAREN WILLMSEN

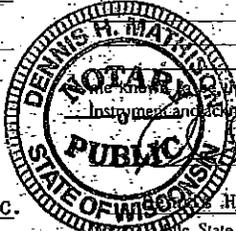
**AUTHENTICATION**

**ACKNOWLEDGMENT**

Signature(s) \_\_\_\_\_  
authenticated this \_\_\_\_\_ day of \_\_\_\_\_

State of Wisconsin, }  
Price \_\_\_\_\_ County \_\_\_\_\_ } ss.  
Personally came before me this 22nd day of September, 1999, the above named MARK E. WILLMSEN and KAREN WILLMSEN

TITLE: MEMBER STATE BAR OF WISCONSIN  
(If not \_\_\_\_\_  
authorized by §706.06, Wis. Stats.)



\_\_\_\_\_ to \_\_\_\_\_  
the person s \_\_\_\_\_ who executed the foregoing  
instrument and acknowledge the same.  
[Signature]  
Dennis H. Mathison  
Notary Public, State of Wisconsin.  
My commission is permanent. (If not, state expiration date:  
6-29-03)

Dale E. Onchuck - ONCHUCK LAW OFFICE, S.C.  
135 North Lake Ave., Phillips, WI 54555  
(Signatures may be authenticated or acknowledged. Both are not necessary.)

**VOL 507 PG 938**

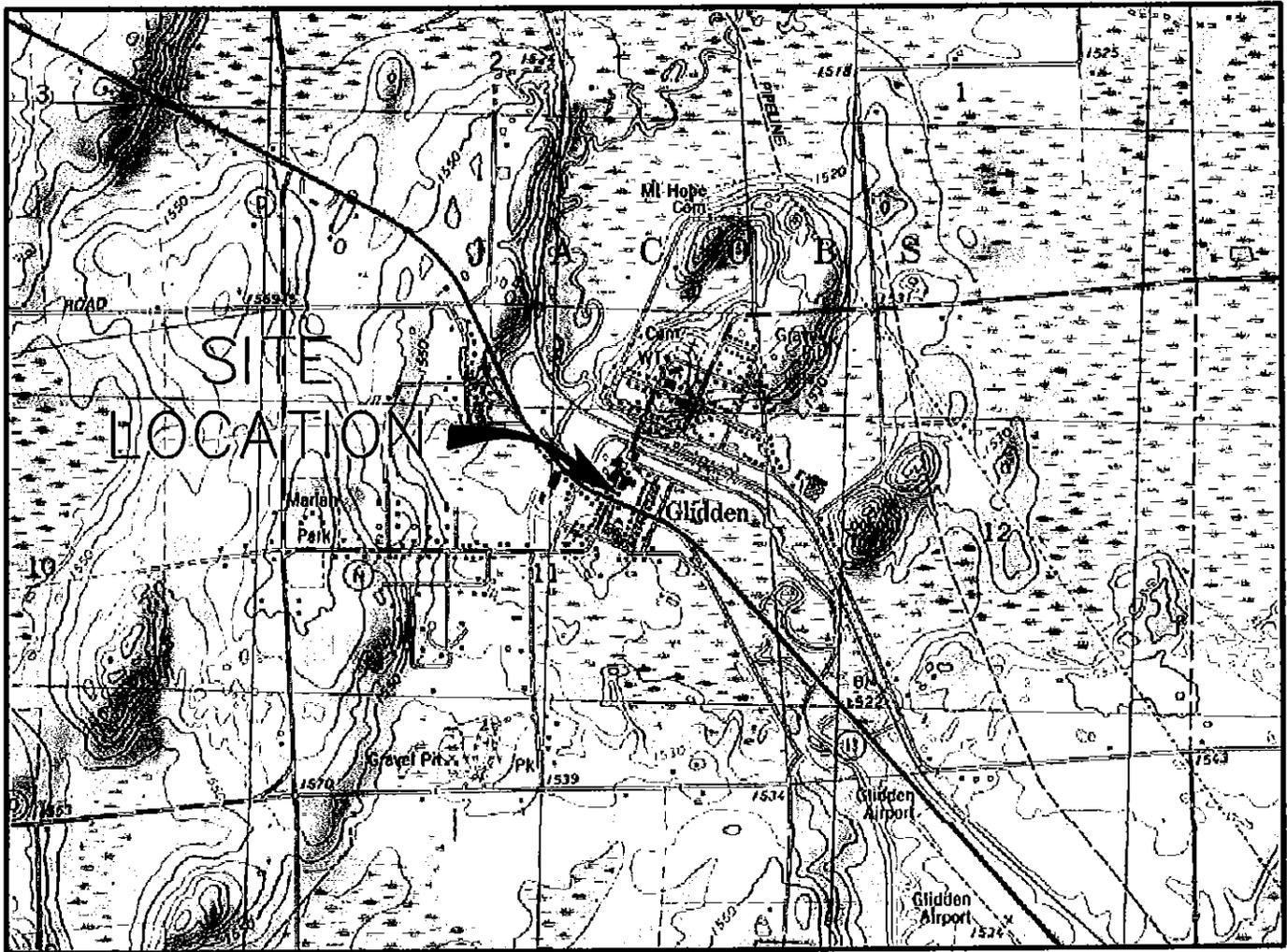
**Glidden Amoco**

288 Grant Street, Glidden, Wisconsin  
(Commerce# 54527-9999-88)  
(WDNR# 03-02-552129)

I, Robert Prochnow (please print) hereby certify that the legal descriptions attached to this statement are complete and accurate for all of the properties within or partially within the contaminated site's boundaries that have groundwater contamination that exceeds ch. NR 140 enforcement standards and/or soil contamination that exceeds ch. NR 720 residual contaminant levels at the time closure is requested.

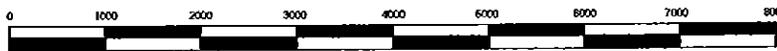
Signed by Responsible Party: Rjn Date: 5-4-09

Lot Eight (8), Block Four (4), Frazer and  
McLean's Addition to the Village of Chippewa  
Crossing, now Village of Glidden, Town of  
Jacobs, Ashland County, Wisconsin



SCALE IN FEET

1" = 2000'



QUADRANGLE LOCATION

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

BASE MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE, GLIDDEN, WISCONSIN, 1984 (NATIONAL GEOGRAPHIC HOLDINGS, INC.)

**Northern Environmental** <sup>SM</sup>

Hydrologists • Engineers • Surveyors • Scientists

330 South 4th Avenue, Park Falls, Wisconsin 54552  
 Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

This drawing and all information contained thereon is the property of Northern Environmental. Northern Environmental will not be held liable for improper or incorrect usage. Professional seals and signatures do not apply to electronic drawing files. The user assumes all responsibility and risk for the accuracy and verification of all information contained in electronic files.

**SITE LOCATION  
& LOCAL TOPOGRAPHY**

**GLIDDEN BP STATION  
HIGHWAY 13  
GLIDDEN, WI**

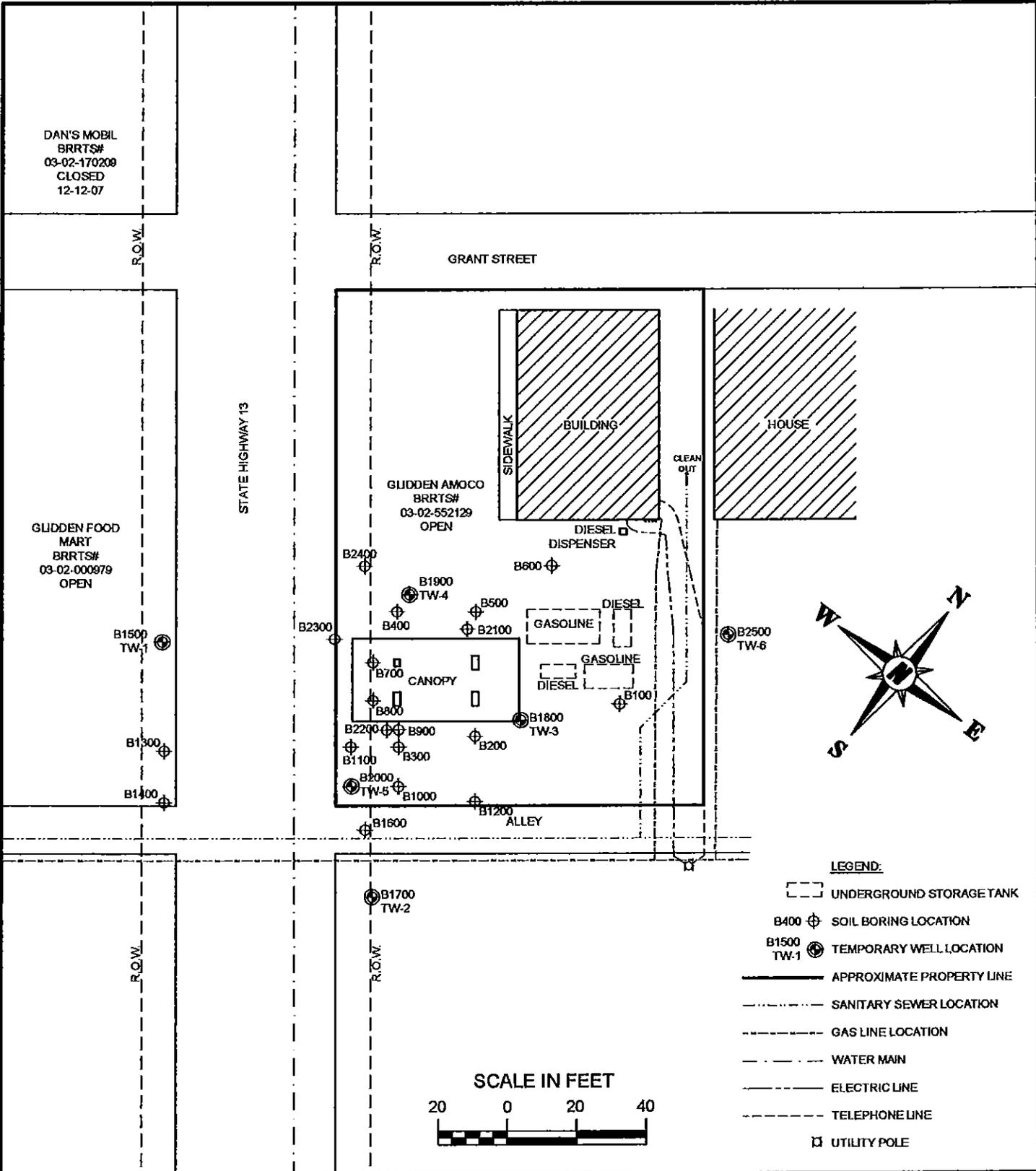
DATE: 07/24/08

DRAWN BY: NLB

TASK NUMBER: XXX

PROJECT NUMBER: 400-1264

FIGURE 1



**Northern Environmental**  
 Hydrologists • Engineers • Surveyors • Scientists  
 330 South 4th Avenue, Park Falls, Wisconsin 54552  
 Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

This drawing and all information contained thereon is the property of Northern Environmental. Northern Environmental will not be held liable for improper or incorrect usage. Professional seals and signatures do not apply to electronic drawing files. The user assumes all responsibility and risk for the accuracy and verification of all information contained in electronic files.

## SITE LAYOUT & SOIL BORING LOCATIONS

GLIDDEN BP STATION  
 HIGHWAY 13  
 GLIDDEN, WI

DAN'S MOBIL  
BRRTS#  
03-02-170209  
CLOSED  
12-12-07

GLIDDEN FOOD  
MART  
BRRTS#  
03-02-000979  
OPEN

GLIDDEN AMOCO  
BRRTS#  
03-02-552129  
OPEN

GRANT STREET

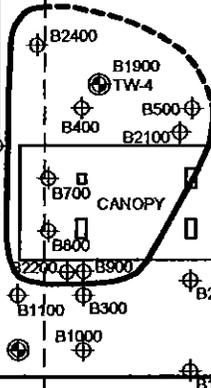
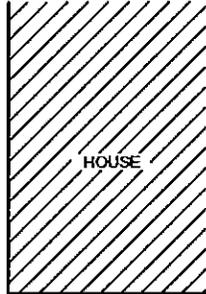
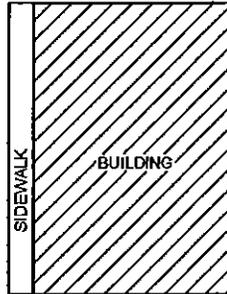
STATE HIGHWAY 13

R.O.W.

R.O.W.

R.O.W.

R.O.W.



**LEGEND:**

- UNDERGROUND STORAGE TANK
- B400 SOIL BORING LOCATION
- B1500 TW-1 TEMPORARY WELL LOCATION
- APPROXIMATE PROPERTY LINE
- SANITARY SEWER LOCATION
- GAS LINE LOCATION
- WATER MAIN
- ELECTRIC LINE
- TELEPHONE LINE
- UTILITY POLE
- SOIL CONTAMINATION CONTOUR, DASHED WHERE INFERRED

SCALE IN FEET



**Northern Environmental**

Hydrologists • Engineers • Surveyors • Scientists

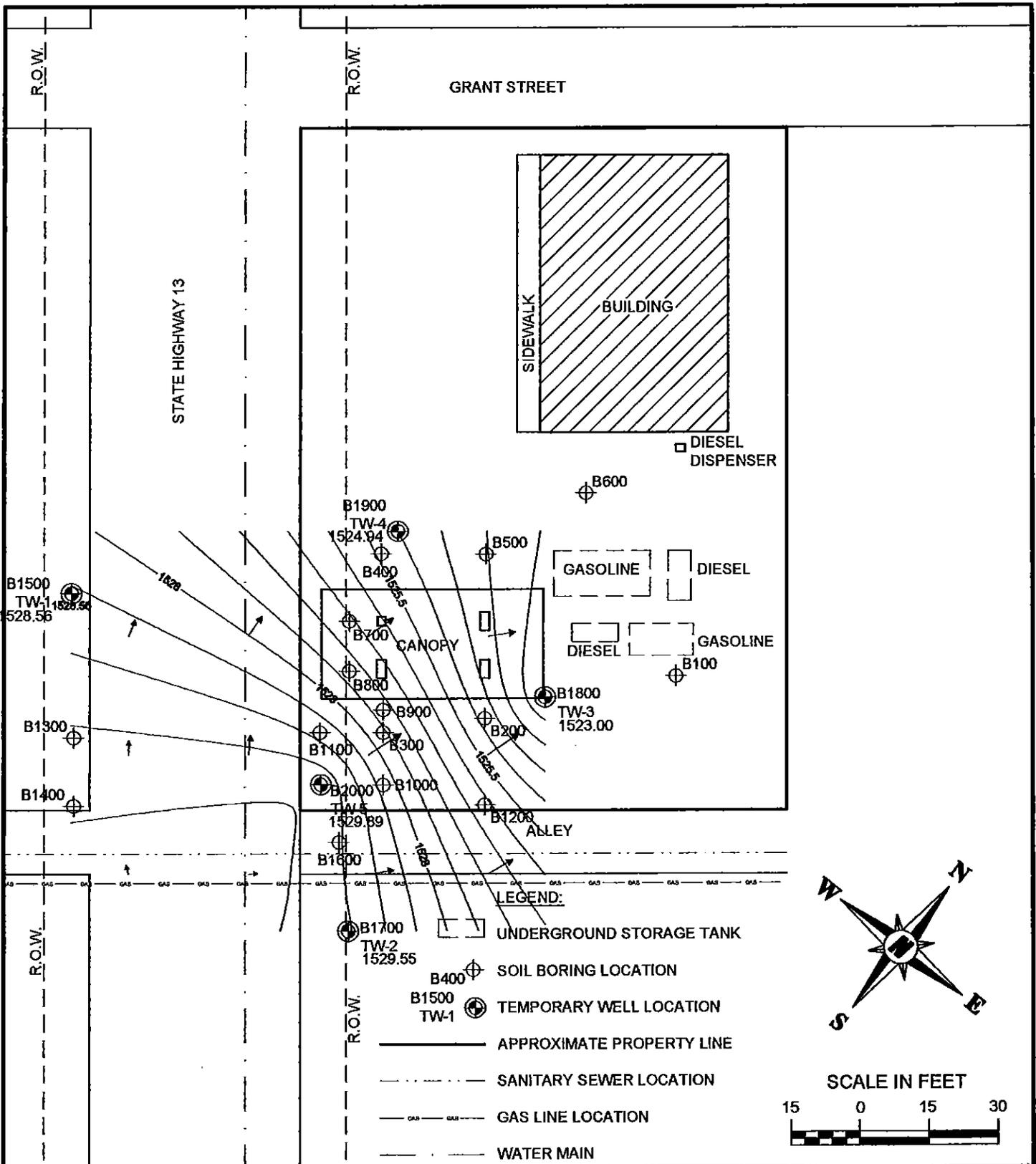
330 South 4th Avenue, Park Falls, Wisconsin 54552  
Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

*This drawing and all information contained thereon is the property of Northern Environmental. Northern Environmental will not be held liable for improper or incorrect usage. Professional seals and signatures do not apply to electronic drawing files. The user assumes all responsibility and risk for the accuracy and verification of all information contained in electronic files.*

**SOIL CONTAMINATION  
CONTOUR MAP**

GLIDDEN BP STATION  
HIGHWAY 13  
GLIDDEN, WI



**Northern Environmental**

Hydrologists • Engineers • Surveyors • Scientists

330 South 4th Avenue, Park Falls, Wisconsin 54552  
 Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

*This drawing and all information contained therein is the property of Northern Environmental. Northern Environmental will not be held liable for improper or incorrect usage. Professional seals and signatures do not apply to electronic drawing files. The user assumes all responsibility and risk for the accuracy and verification of all information contained in electronic files.*

**GROUNDWATER FLOW**  
**10-08-08**

GLIDDEN BP STATION  
 HIGHWAY 13  
 GLIDDEN, WI

DATE: 10/09/08	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: 400-1264	FIGURE 4
----------------	---------------	------------------	--------------------------	----------

Table 2, Soil Laboratory Analytical Results, Glidden Amoco, 288 Grant Street, Glidden, Wisconsin

Soil Boring	Sample Number	Sample Depth (feet)	PID Response (in)	Date Sampled	GRO (mg/kg)	Relevant and Significant VOC Analytical Results (µg/kg)							
						Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
NR720.09 Residual Contaminant Level					100	5.5	2,900	NE	NE	1,500	NE	NE	4,100
NR746.06 Table 1 Value					NE	8,500	4,600	NE	2,700	38,000	83,000	11,000	42,000
NR746.06 Table 2 Value					NE	1,100	NE	NE	NE	NE	NE	NE	NE
B100	S106	10-12	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<75
B200	S204	6-8	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<75
B300*	S304	6-8	34	07/17/08	--	<250	2880	<250	--	1260	23400	15200	12010
B400	S404	6-8	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<75
B500	S504	6-8	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<75
B600	S606	10-12	0	07/17/08	--	<25	<25	<25	<25	<25	<25	<25	<75
B700	S702	2-4	0	09/02/08	--	<25	<25	<25	--	<25	<25	<25	<75
	S705	8-10	0	09/02/08	--	<25	<25	<25	--	<25	<25	<25	<75
B800	S804	6-8	1	09/02/08	--	<25	<25	<25	--	28.6	<25	<25	<75
B900*	S904	6-8	2	09/02/08	--	29.5	57	<25	--	74	<25	30.6	<75
B1000*	S1005	8-10	186	09/02/08	158	41	5100	<25	--	1090	12500	6600	11610
B1100*	S1104	6-8	12	09/02/08	--	257	3300	<25	--	1620	11200	4600	16600
B1200	S1205	8-10	8	09/02/08	--	<25	<25	<25	--	<25	<25	<25	<75
B1300	S1304	6-8	0	09/02/08	--	<25	<25	<25	--	<25	<25	<25	282
B1400*	S1404	6-8	0	09/02/08	--	<25	108	<25	--	117	<25	96	255
B1500	S1503	4-6	1	10/01/08	--	<25	<25	<25	--	26.4	<25	<25	<75
B1600*	S1605	8-10	9	10/01/08	--	<25	<25	<25	--	<25	<25	<25	<75
B1700	S1702	2-4	77	10/01/08	--	<25	<25	<25	--	<25	<25	<25	<75
B1900	S1902	2-4	0	10/01/08	--	<25	<25	<25	--	<25	<25	<25	<75
B2000	S2002	2-4	78	10/01/08	--	<25	<25	<25	--	<25	<25	<25	<75
B2500	S2506	10-12	0	02/11/09	--	<25	<25	<25	<25	<25	<25	<25	<75

Key:

- GRO = Gasoline Range Organics
- MTBE = Methyl-tertiary-butyl-ether
- < X = Not detected above Laboratory Limit of Detection (LOD) of X.
- fbg = Feet Below Grade
- mg/kg = milligrams per kilogram
- µg/kg = micrograms per kilogram
- = Not Analyzed

- J = Analyte detected between the Limit of Detection and the Limit of Quantitation
- VOC = Volatile Organic Compound
- PAH = Polynuclear Aromatic Hydrocarbons
- NE = Not Established by Wisconsin Administrative Code (Wis. Adm. Code)
- 100 = Exceeds Chapter NR 720.09 Wis. Adm. Code Residual Contaminant Level
- XXX = Exceeds Chapter NR 746.06 Wis. Adm. Code Table 1 Values
- XXX = Exceeds Chapter NR 746.06 Wis. Adm. Code Table 2 Values
- \* = Soil sample taken at or below historic measured high water table

Table 3, Soil PAH Laboratory Analytical Results, Glidden Amoco, 288 Grant Street, Glidden, Wisconsin

Soil Boring	Sample Number	Sample Depth (feet)	PID Response (IUI)	Date Sampled	Relevant and Significant PAH Analytical Results (µg/kg)																	
					Acenaphthene	Acenaphthylene	Anthracene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(C,H,I)Perylene	Benzo(K)Fluoranthene	Chrysene	Dibenz(A,H)Anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-CD)Pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene
Residual Contaminant Level Groundwater Pathway					38,000	700	3,000,000	17,000	48,000	760,000	6,800,000	870,000	37,000	38,000	500,000	100,000	680,000	23,000	20,000	400	1,800	8,700,000
Residual Contaminant Level Direct Contact Pathway-Non-Industrial					900,000	18,000	5,000,000	88	8.8	88	1,800	880	8,800	8.8	600,000	600,000	88	1,100,000	600,000	20,000	18,000	50,000
B100	S106	10-12	0	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
B200	S204	6-8	0	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
B300*	S304	6-8	34	07/17/08	<13	<14	4.8	18.6**	10.4**	14.7**	<12	<11	14.5**	<9.7	26.6**	<12	<9.9	1470	2930	1650	23.2**	24.9**
B400	S404	6-8	0	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B500	S504	6-8	0	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B600	S606	10-12	0	07/17/08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B700	S702	2-4	0	09/02/08	<13	29**	21.6**	75	86	119	72	41	104	13.8**	180	<12	70	<12	<9.4	<12	126	185
	S705	8-10	0	09/02/08	<13	<14	4.8	<10	<7.7	<11	<12	<11	<6.8	<9.7	<11	<12	<9.9	<12	<9.4	<12	<9.4	<9.9
B800	S804	6-8	1	09/02/08	<13	<14	4.8	<10	<7.7	<11	<12	<11	<6.8	<9.7	<11	<12	<9.9	<12	<9.4	<12	<9.4	<9.9
B900*	S904	6-8	2	09/02/08	2590	<70	4100	7200	5700	7300	2030	2620	7200	920	16800	1950	3800	254	410	820	13600	13600
B1000*	S1005	8-10	186	09/02/08	<13	<14	4.8	24.9**	13.4**	21.3**	<12	<11	15.5**	<9.7	21.2**	<12	13.8**	234	460	1160	22**	25.9**
B1100*	S1104	6-8	12	09/02/08	<13	35**	4.8	42	<7.7	16.2**	<12	<11	9.4**	<9.7	123	99	10.4**	68	146	1130	10.8**	10.2**
B1200	S1205	8-10	8	09/02/08	<13	<14	4.8	<10	<7.7	<11	<12	<11	<6.8	<9.7	<11	<12	<9.9	<12	<9.4	<12	<9.4	<9.9
B1300	S1304	6-8	0	09/02/08	<13	<14	4.8	30.1**	<7.7	<11	<12	<11	<6.8	<9.7	<11	13.3**	11.3**	<12	<9.4	15.9**	11.4**	<9.9
B1400*	S1404	6-8	0	09/02/08	13.7**	<14	4.8	19**	13.3**	15.8**	12.5**	<11	9.1**	<9.7	<11	14.6**	<9.9	<12	<9.4	21.5**	9.7**	18.2**
B1900	S1902	2-4	0	10/01/08	<13	<14	4.8	32**	27	35**	19.9**	12.1**	27.7	<9.7	49	<12	20.1**	<12	<9.4	<12	22.6**	52
B2100	S2102	2-4	0	02/11/09	<13	25.7**	23.3**	56	60	80	46	37	67	<9.7	150	<12	38	<12	9.7**	<12	78	124
B2200	S2202	2-4	0	02/11/09	13.5**	23.7**	4.8	24.3**	27.2	49	32**	21.3**	31.1	<9.7	37	<12	23.3**	<12	<9.4	<12	15.3**	37
B2300	S2302	2-4	0	02/11/09	<13	<14	4.8	<15	<7.7	<11	<12	<11	<6.8	<9.7	<11	<12	<9.9	<12	<9.4	<12	<9.4	<9.9
B2400	S2402	2-4	0	02/11/09	<13	<14	23.1**	48**	44	62	33**	26.9**	55	<9.7	131	<12	27.6**	<12	<9.4	<12	75	111

Key:  
 PAH = Polycyclic Aromatic Hydrocarbons  
 <X = Not detected above Laboratory Limit of Detection (LOD) of X.  
 µg/kg = micrograms per kilogram  
 \* = Soil sample taken at or below historic measured high water table

\*\* = Analyte detected between the Limit of Detection and the Limit of Quantitation  
 NE = Not Established by Wisconsin Administrative Code (Wis. Adm. Code)  
 XXX = Exceeds Residual Contaminant Level Groundwater Pathway  
 XXXX = Exceeds Residual Contaminant Level Direct Contact Pathway-Non-Industrial

Table 4 Groundwater Analytical Results, Glidden Amoco, 288 Grant Street, Glidden, Wisconsin

Well ID	Screened Interval (fbg)	Date Sampled	Water Table Elevation (msl)	Relevant and Significant VOC Analytical Results (µg/l)							
				Benzene	1,4-Dichlorobenzene	Ethylbenzene	MTBE	Naphthalene	Toluene	Trimethylbenzene	Xylenes
NR 140 Preventive Action Limit (µg/l)				0.5	15	140	12	8	200	96	1,000
NR 140 Enforcement Standard (µg/l)				5	75	700	60	40	1,000	480	10,000
TW-1	3-13	10/01/08	1528.63	1.38	<0.74	0.49"J"	<0.7	<1.8	<0.39	2.62"J"	4.93"J"
TW-2	3-13	10/01/08	1529.45	<0.24	<0.74	<0.35	<0.7	<1.8	<0.39	<0.74	<1.67
TW-3	6-16	10/01/08	1522.92	<0.24	<0.74	<0.35	<0.7	<1.8	<0.39	<0.74	<1.67
TW-4	3-13	10/01/08	1525.03	<0.24	<0.74	<0.35	<0.7	<1.8	<0.39	<0.74	<1.67
TW-5	3-13	10/01/08	1526.34	<0.24	1.17"J"	<0.35	<0.7	<1.8	<0.39	<0.74	<1.67
TW-6	8-18	02/20/09	—	<0.45	—	<0.76	<0.42	<1.4	<0.53	<1.13	<1.58

Key:

VOC = Volatile Organic Compound

µg/l = micrograms per liter

NE = Not Established by Wis. Adm. Code

MTBE = Methyl-Tertiary-Butyl-Ether

< X = Not detected above Laboratory Limit of Detection (LOD) of X.

J = Analyte detected between Limit of Detection and Limit of Quantitation

— = Not Analyzed

32 = NR 140 Preventive Action Limit Exceeded

32 = NR 140 Enforcement Standard Exceeded

msl = Mean sea level

fbg = Feet below grade

**Table 5, Water Level Data, Glidden Amoco, 288 Grant Street, Glidden, Wisconsin**

Well I.D.	Ground Surface Elevation (msl)	Reference Point Elevation (msl)	Top / Bottom Well Screen Elevation (msl or fbg)	Date	Depth to Water (feet)		Water Table Elevation (feet)
					Below	Below	
					Rlser	Grade	
TW-1		1535.56		10/01/08	6.93	---	1528.63
				10/08/08	7.00	---	1528.56
TW-2		1534.95		10/01/08	5.50	---	1529.45
				10/08/08	5.40	---	1529.55
TW-3		1537.22		10/01/08	14.30	---	1522.92
				10/08/08	14.22	---	1523.00
TW-4		1536		10/01/08	10.97	---	1525.03
				10/08/08	11.06	---	1524.94
TW-5		1534.97		10/01/08	8.63	---	1526.34
				10/08/08	5.08	---	1529.89
TW-6				02/20/09	15.34	---	

Key:  
 \* = Well Screen Submerged  
 msl = Mean Sea Level  
 fbg = Feet Below Grade  
 --- = Not Collected

Note: 1) Bechmark is top of ground at TW-2  
 2) Reference Point is the top of the PVC risers

**DePuydt, Hollie M.**

---

**From:** DePuydt, Hollie M.  
**Sent:** Thursday, April 30, 2009 2:57 PM  
**To:** (sharlene.tebeest@dot.state.wi.us)  
**Subject:** Highway 13 ROW Notification  
**Attachments:** contaminationrw.doc; 09\_0430 FIGURE 3.pdf

See attached for Highway 13 ROW notification

**Hollie M. DePuydt**

Tel 715-762-1544  
hollie.depuydt@bonestroo.com



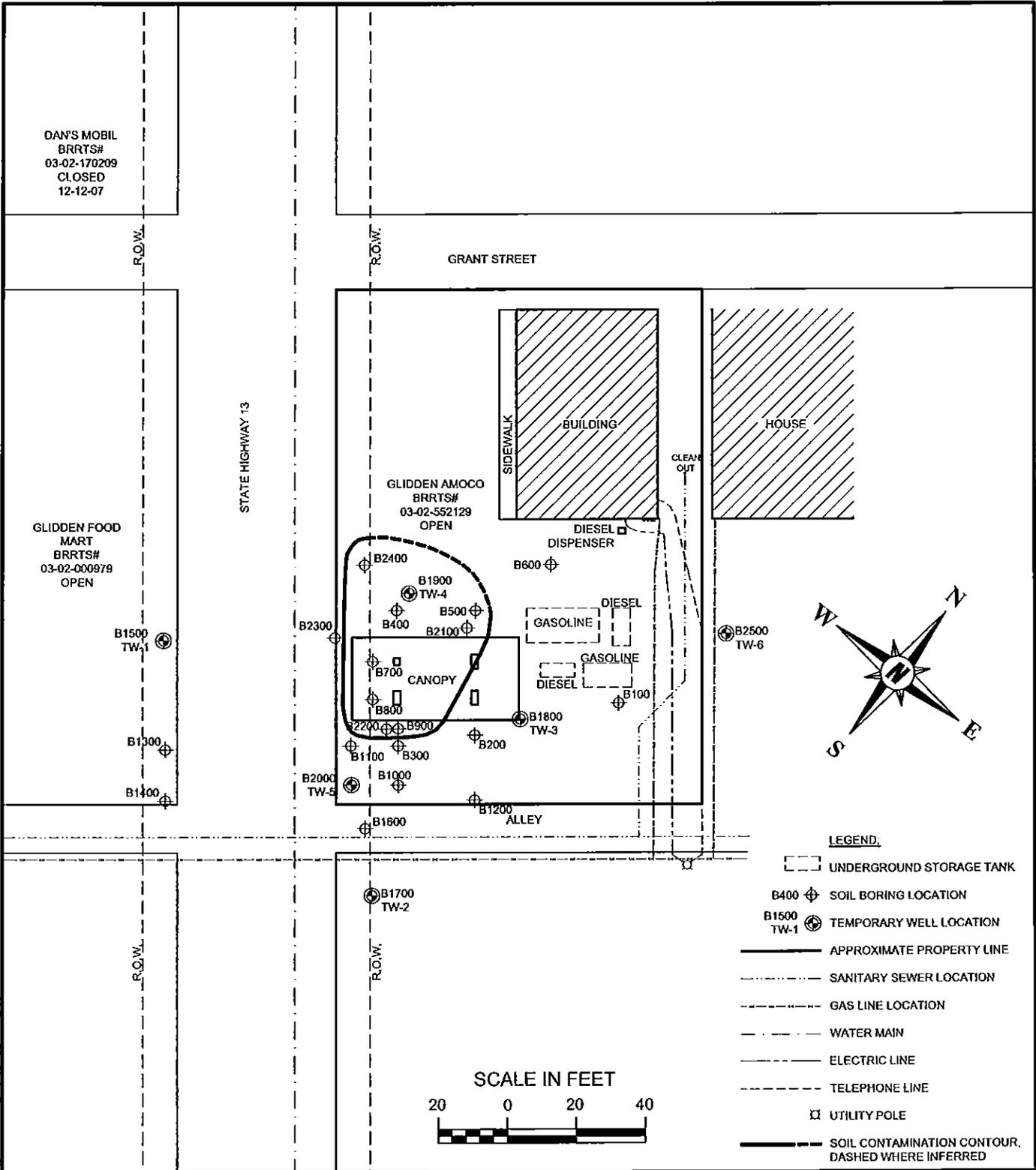
330 4<sup>th</sup> Avenue S  
Park Falls, WI 54552  
Tel 715-762-1544  
Fax 715-762-1844  
[www.bonestroo.com](http://www.bonestroo.com)  
[www.northernenvironmental.com](http://www.northernenvironmental.com)

**EFFECTIVE APRIL 27, NORTHERN ENVIRONMENTAL AND BONESTROO MERGED,**  
offering comprehensive services in engineering, planning, and environmental science.

---

This e-mail is confidential and may contain legally privileged information. If you are not the intended recipient, you should not copy, distribute, disclose or use the information it contains, please e-mail the sender immediately and delete this message from your system.

**Note:** e-mails are susceptible to corruption, interception and unauthorized amendment; we do not accept liability for any such changes, or for their consequences. You should be aware that we may monitor your e-mails and their content .



DAN'S MOBIL  
BRRTS#  
03-02-170209  
CLOSED  
12-12-07

GLIDDEN FOOD  
MART  
BRRTS#  
03-02-000979  
OPEN

GLIDDEN AMOCO  
BRRTS#  
03-02-552129  
OPEN

**Northern Environmental**

Hydrologists • Engineers • Surveyors • Scientists

330 South 4th Avenue, Park Falls, Wisconsin 54552  
Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

*This drawing and all information contained thereon is the property of Northern Environmental. Northern Environmental will not be held liable for improper or incorrect usage. Professional seals and signatures do not apply to electronic drawing files. The user assumes all responsibility and risk for the accuracy and verification of all information contained in electronic files.*

**SOIL CONTAMINATION  
CONTOUR MAP**

GLIDDEN BP STATION  
HIGHWAY 13  
GLIDDEN, WI

Notification of Contamination within the Right of Way

County: Ashland

Highway: 13

Site Name: Glidden Amoco

Site Address: 288 Grant Street, Glidden

BRRTS Number: 03-02-552129

PECFA Number: 54527-9999-88

FID Number: none

Owner's Name: Bob Prochnow

Owner's Address: PO Box 181, Glidden, Wisconsin 54527

Consulting Firm: Bonestroo

Consultant Contact: Hollie DePuydt

Consultant Address: 330 4<sup>th</sup> Avenue South

Consultant Phone, Fax and E-mail: 715-762-1544, 715-762-1844,

[hollie.depuydt@bonestroo.com](mailto:hollie.depuydt@bonestroo.com)

Soil contamination? Yes

Depth to contaminated soil: 2 feet below grade

Vertical extent of contaminated soil: (e.g. from 2 feet to 4 feet below ground surface)

Groundwater contamination? no

Depth to water table:

Describe the type(s) of contamination present. Benzo(a)pyrene

Brief summary of cleanup activity: remedial action in the form of a cap maintenance plan

Attach a current plume map for groundwater contamination

Attach a current plume map for soil contamination