

GIS REGISTRY

Cover Sheet

July, 2008
(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")*

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 #: 03-36-001721 PARCEL ID #: 38-530-003-012.00

ACTIVITY NAME: BRENNANS MOBIL SERVICE STATION WTM COORDINATES: X: 689391 Y: 401250

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

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

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

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

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

BRRTS #: 03-36-001721

ACTIVITY NAME: BRENNANS MOBIL SERVICE STATION

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 #: na Title: Geologic Cross Sections

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 #: na Title: 1998 Groundwater Analytical Results

- 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: Site Plan Depicting Groundwater Flow After GW Pumping 12/30/97

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 Title: Excavation Sidewall Samples

- 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 #: Title:

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 #: 03-36-001721

ACTIVITY NAME: BRENNANS MOBIL SERVICE STATION

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:

843930

Document Number

GROUNDWATER USE RESTRICTION

In re: Lot Number Twelve (12) in Block Lettered "C" of Wm. F. Christel's Addition to the Village of Valders, according to the Recorded Plat of said Addition.

Excepting therefrom the following: That part of Lot 12, Block "C" of Wm. F. Christel's Addition to McNulty Boynton Subdivision in the Village of Valders, which lies East of the following described parcel, to wit: Beginning at the Southwest corner of Lot Twelve (12), Block "C"; thence Northerly along the West line of said lot to the Northwest corner thereof; thence East along the North line of said lot a distance of 22.0 feet; thence Southeasterly to the South line of said lot; thence West along the South line of said lot; a distance of 123.0 feet to the point of beginning.

Further excepting therefrom that portion conveyed for highway purposes by Warranty Deed recorded in Volume 932 of Records, Page 191, Doc. No. 680591.

STATE OF WISCONSIN - MANITOWOC COUNTY
CHRISTOPHER JAMES, REGISTER OF DEEDS
RECEIVED FOR RECORD

13 SEP 1999 2:28:03 PM

Recording Area

Name and Return Address

Weber Family Station, L.L.C.
3324 Fremont Street
Kiel, WI 53042

\$16 CASH

38-530-003-012.00

Parcel Identification Number (PIN)

Declaration of Restrictions

STATE OF WISCONSIN)
) ss
COUNTY OF MANITOWOC)

WHEREAS, Weber Family Station, a Limited Liability Corporation, is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred at this property. Petroleum contaminated groundwater above NR 140 enforcement standards exists on this property at the following location(s): Benzene remains at 8.6 micrograms per liter (ug/L) at Sump No. I, at 19 ug/L at Sump No. II, and at 5.8 ug/L at Monitoring Well - 3 (MW-3). The locations of the sumps and monitoring well are provided on Figure No. 2, hereby attached and made a part of this deed restriction. Petroleum contaminated soil that exceeds NR 720 Generic Soil Standards also exists at this property. The contaminated soil is documented by Soil Samples A-12, A-13 and A-15, which were collected 5.5 feet to 6.0 feet below grade in Excavation Area 1. The soil sample locations are provided on Figure No. 3, hereby attached and made a part of this deed restriction.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct additional soil or groundwater remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by ch. NR 811 and ch. NR 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific prohibitions or requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

Petroleum contaminated soil remains on this property at the above identified locations. The remediation option approved by the Wisconsin Department of Natural Resources is natural passive biodegradation. The Wisconsin Department of Natural Resources is not requiring additional removal of the contaminated soil or active remediation. However, if the contaminated soil is removed during construction activities, the Department of Natural Resources shall be notified and the contaminated soil removed shall be managed in accordance with the current applicable regulations.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by, the Wisconsin Department of Natural Resources, its successors and assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that the restrictions set forth in this covenant are no longer required. Upon receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this groundwater use restriction, or portions of this groundwater use restriction are no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 13 day of Sept., 1999.

By signing this document, Dennis K. Weber acknowledges that [he/she] is duly authorized to sign this document on behalf of Weber Family Station, L.L.C.

Signature: Dennis K. Weber

Printed Name: Dennis K. Weber

Title: President

Subscribed and sworn to before me

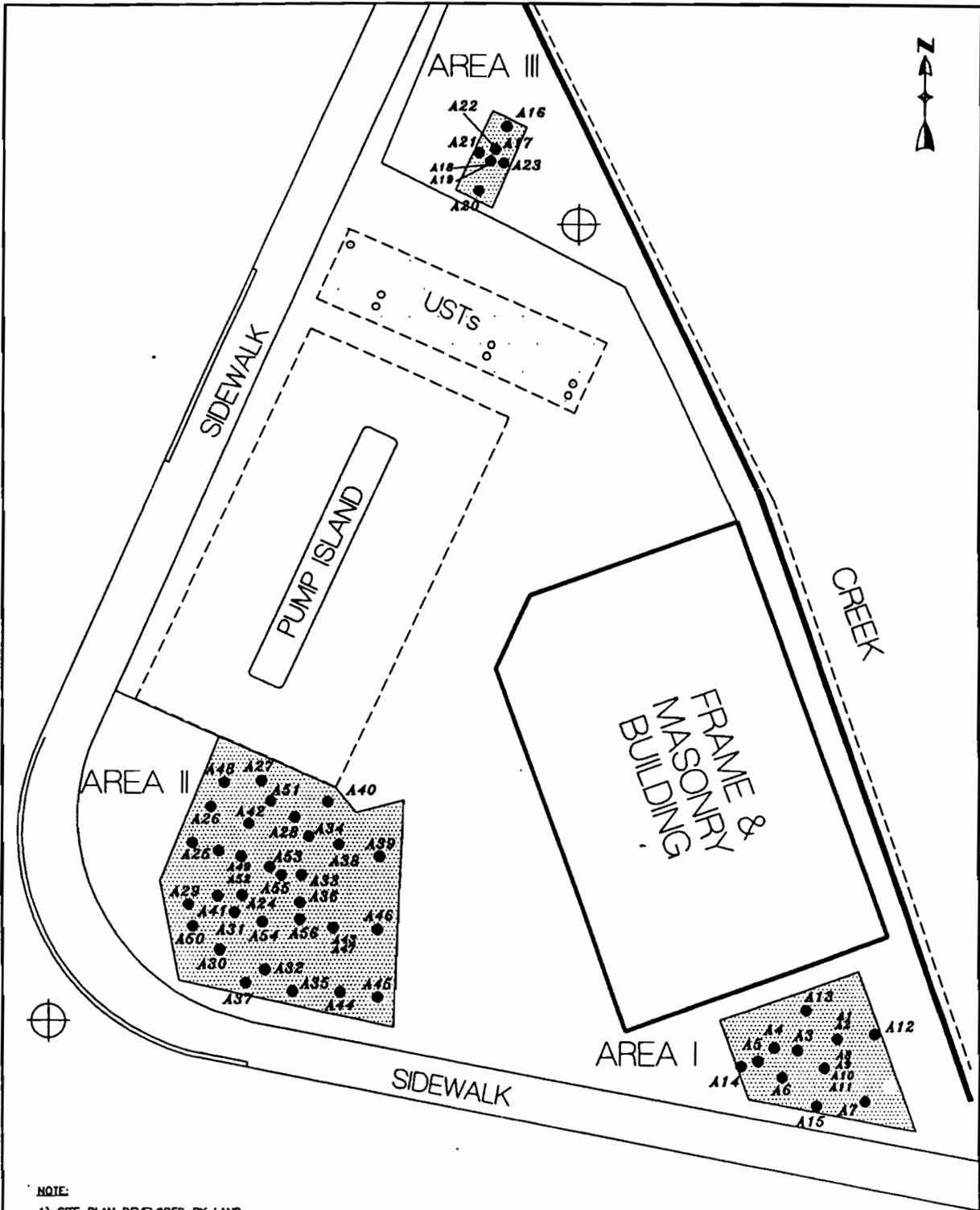
This 13th day of SEPT, 1999

Sandra M. Becker

Notary Public, State of WISCONSIN

My commission MAY 12, 2002

This document was drafted by the Wisconsin Department of Natural Resources.



NOTE:

- 1) SITE PLAN DEVELOPED BY LAND INFORMATION SERVICES, INC. OF MILWAUKEE, WISCONSIN
- 2) THE LOCATION OF EXCAVATIONS AND SOIL SAMPLES WERE APPROXIMATELY DETERMINED BY GZA BY LINE OF SIGHT, AND/OR TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
- 3) EXCAVATION SOIL SAMPLES COLLECTED BY GZA ON SEPTEMBER 22, 23, 1997.

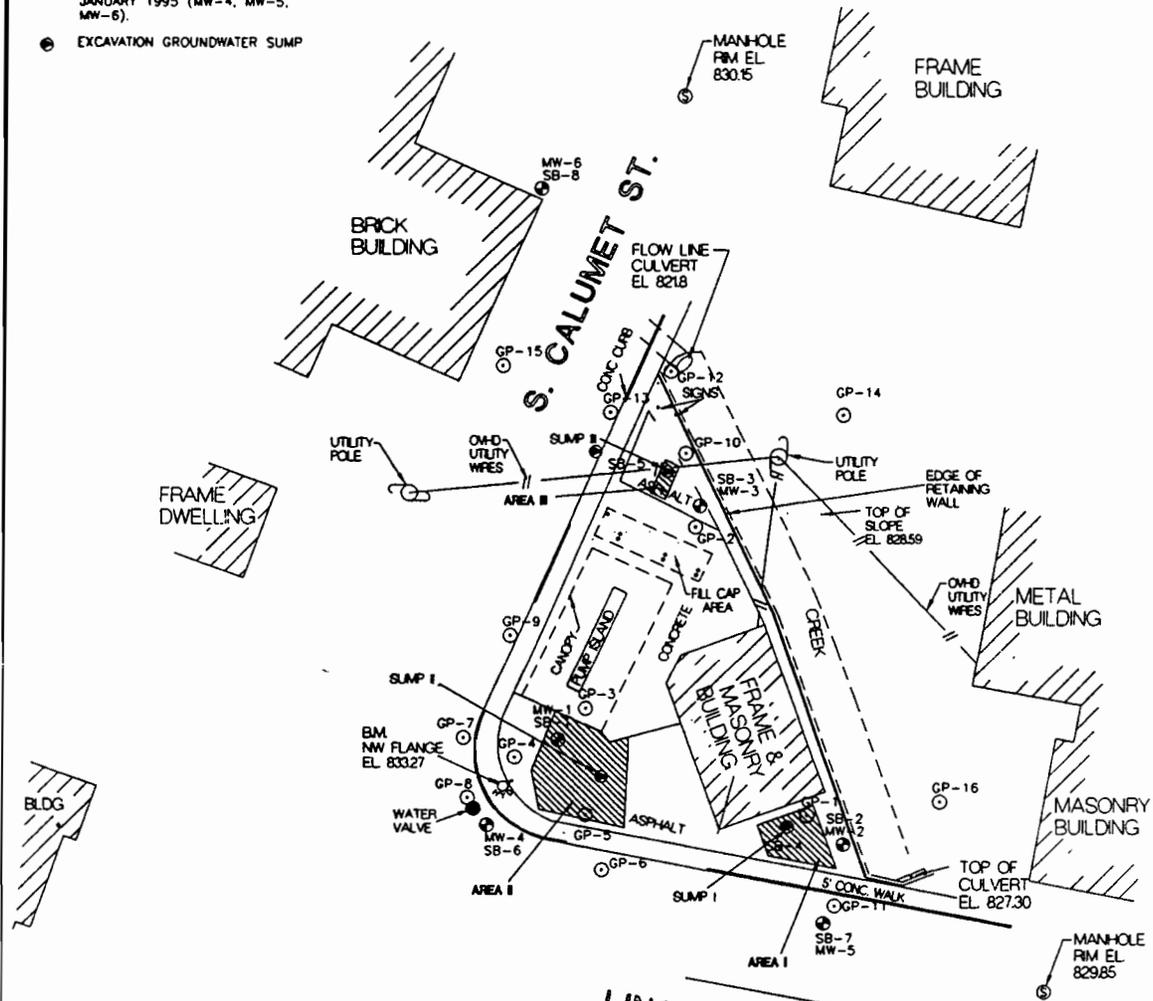
EXPLANATION

- A15 ● EXCAVATION SAMPLE LOCATION
- [Hatched Box] APPROXIMATE EXTENT OF EXCAVATED AREAS

PROJECT NO. 150056.10 FIGURE NO. 3	EXCAVATION AND SOIL SAMPLE LOCATIONS BRENNAN'S MOBIL 227 SOUTH CALUMET STREET VALDERS, WISCONSIN	SCALE IN FEET 0 10' 20' 	DRAWN BY: C.M. REVIEWED BY: DATE: 2/10/98 FILE NO. F:\DWG\BRENNAN\15005602
			GZA GeoEnvironmental, Inc. <small>If not satisfied with a Product, Please Call 1-800-368-6272</small>

LEGEND

- SOIL BORINGS COMPLETED BY GZA IN DECEMBER 1993 (GP-1, GP-2, GP-3) AND ONSITE ENVIRONMENTAL SERVICES, INC. IN JANUARY 1995 (GP-4 THROUGH GP-16) USING A GEOPROBE.
- ⊕ SOIL BORINGS COMPLETED BY WISCONSIN SOIL TESTING IN APRIL 1994
- ⊕ SOIL BORINGS AND GROUNDWATER MONITORING WELLS INSTALLED BY WISCONSIN SOIL TESTING IN APRIL 1994 (MW-1, MW-2, MW-3) AND JANUARY 1995 (MW-4, MW-5, MW-6).
- ⊖ EXCAVATION GROUNDWATER SUMP



NOTE:

1. SITE PLAN DEVELOPED BY LAND INFORMATION SERVICES, INC. OF MILWAUKEE, WISCONSIN.
2. THE LOCATION OF SOIL BORINGS, MONITORING WELLS, EXCAVATIONS AND SUMPS WERE APPROXIMATELY DETERMINED BY SURVEY, LINE OF SIGHT AND/OR TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

BRICK BUILDING

BRICK



Site.
State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
William R. Selbig, Regional Director

Northeast Regional Headquarters
Solid Waste Office
PO Box 10448, 1125 N. Military Ave.
Green Bay, Wisconsin 54307-0448
TELEPHONE 414-492-5916
FAX 414-492-5859
TDD 414-492-5812

March 22, 1999

Mr. Douglas Brennan
111 Brennan Rd.
P.O. Box 405
Valders, WI. 54245

SUBJECT: Case Closure Request – Brennan's Mobil, 227 S. Calumet St., Valders, WI
BRRTS CASE # 03-36-001721

Dear Mr. Brennan;

The Northeast Region closure committee has approved closure of the Brennan Mobil site pending a groundwater use and soil restriction being filed on the property deed. The groundwater use restriction is required on the property based on Wisconsin Administrative Code NR 140 groundwater enforcement standard exceedence in MW-1/sumpII, MW-3 and sump I. The soil restriction is for soils at A-12, A-13, A-15, A-37 AND a-40.

Attached is a copy of a model groundwater use restriction and soil restriction. Please complete a draft of the restrictions and return to this office for approval prior to its filing with the Manitowoc County Register of Deeds. Please include a copy of the deed and a map of the site. Upon Department approval the restrictions can be filed with Manitowoc County and a copy sent to this office. Pending abandonment of the monitoring wells the case will be closed.

If you have any questions please contact me at (920) 492-5864.

Sincerely;

James Reyburn
Project Manager

Cc: Mr. Mark Krumenacher – GZA GeoEnvironmental, N4140 Duplainville Rd., Pewaukee, WI.
53072

818232

Document Number

WARRANTY DEED

Document Title

VOL 1312 PAGE 561

This Deed, made between Douglas Brennan, a/k/a Douglas G. Brennan, and Alice M. Brennan, his wife, Grantor, and Weber Family Station, LLC, a limited liability company, Grantee.

STATE OF WISCONSIN - MANITOWOC COUNTY - PRESTON JONES, REGISTER OF DEEDS RECEIVED FOR RECORD

3 SEP 1998 4:02:21 PM

Witnesseth, That the said Grantor, for a valuable consideration conveys to Grantee the following described real estate in Manitowoc County, State of Wisconsin: See Schedule A attached.

This is not homestead property.

TRANSFER FEE \$ 825.00

Name and Return Address Mark A. Miller Whyte Hirschboeck Dudek S.C. 21 Maritime Drive Manitowoc, WI 54220

38-530-003-012.00 Parcel Identification Number (PIN)

Together with all and singular the hereditaments and appurtenances therunto belonging:

And Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances, recorded easements, restrictions and highway deeds, if any and will warrant and defend the same.

Dated this 1st day of September, 1998

Signature lines with (SEAL) markers for grantors.

Signatures of Douglas G. Brennan and Alice M. Brennan with (SEAL) markers.

AUTHENTICATION

Signature(s) of authenticated this day of 19

ACKNOWLEDGMENT

STATE OF WISCONSIN) Manitowoc County.)

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

Personally came before me this 1st day of September, 1998 the above named Douglas G. Brennan and Alice M. Brennan to me known to be the persons who executed the foregoing instrument and acknowledged the same.

THIS INSTRUMENT WAS DRAFTED BY

Mark A. Miller, Esq. Whyte Hirschboeck Dudek S.C. (Signatures may be authenticated or acknowledged. Both are not necessary.)

Notary Public Steven R. Nather, Manitowoc County, Wis. My Commission is permanent. (If not, state expiration date: 11-12-00)

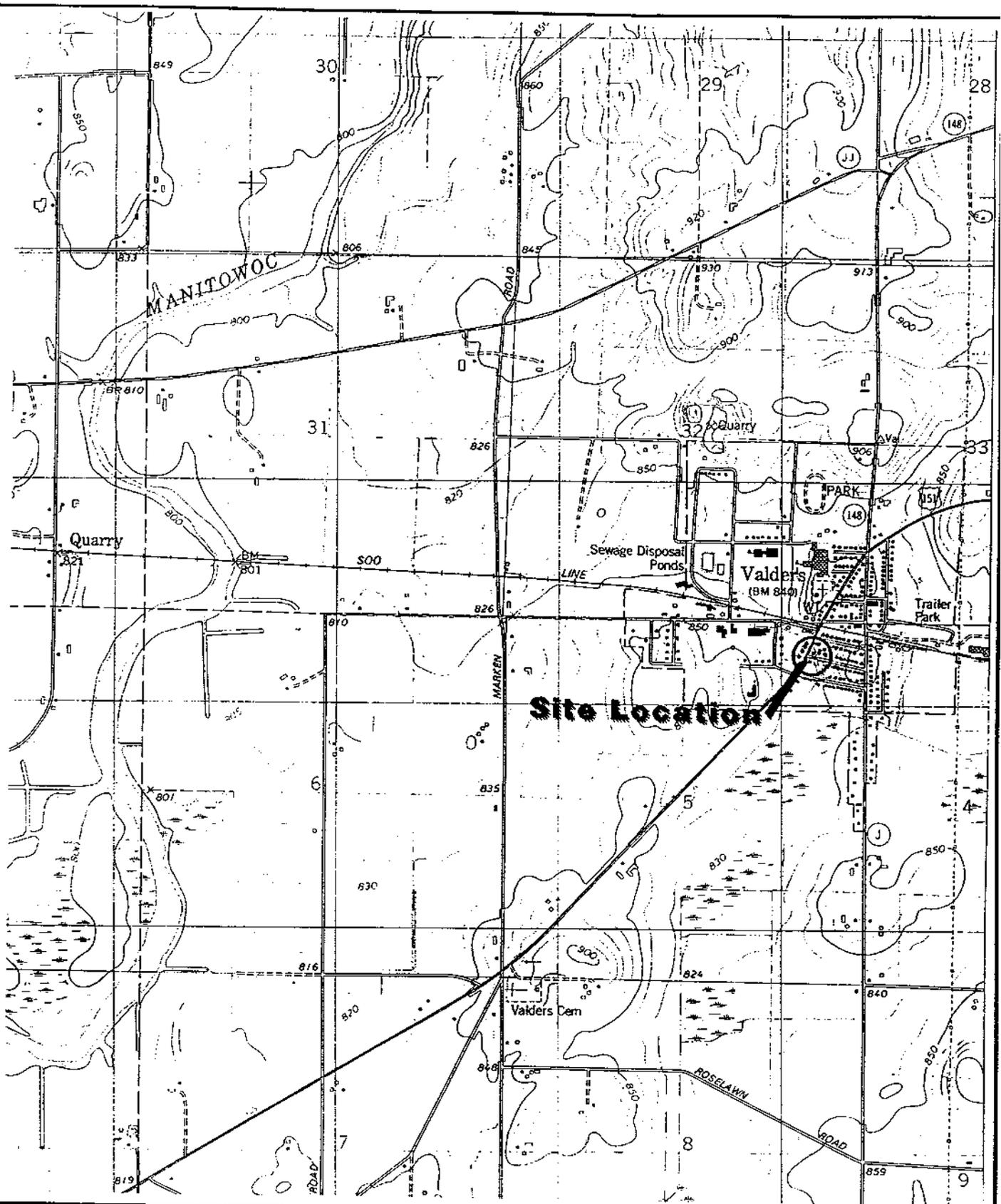
002

SCHEDULE A

Lot Numbered Twelve (12) in Block Lettered "C" of Wm. F. Christel's Addition to the Village of Valders, according to the Recorded Plat of said Addition.

EXCEPTING THEREFROM the following: That part of Lot 12, Block "C" of Wm. F. Christel's Addition to McNulty Boynton Subdivision in the Village of Valders, which lies East of the following described parcel, to wit: Beginning at the SW corner of Lot 12, Block "C"; thence Northerly along the West line of said lot to the NW corner thereof; thence East along the North line of said lot; a distance of 22.0 feet; thence Southeasterly to the south line of said lot; thence West along the South line of said lot, a distance of 123.0 feet to the point of beginning.

FURTHER EXCEPTING THEREFROM that portion conveyed for highway purposes by Warranty Deed recorded in Volume 932 of Records, Page 191, #680591.

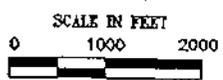


DATE	REVISIONS	INT	DATE
			3/21/95
			DWG NO.: 15005601
			DRAWN BY: DJE
			DESIGNED BY: MK
			REVIEWED BY: JFE

SITE LOCATION MAP

PROJECT NO.
150056.10

FIGURE NO.
1

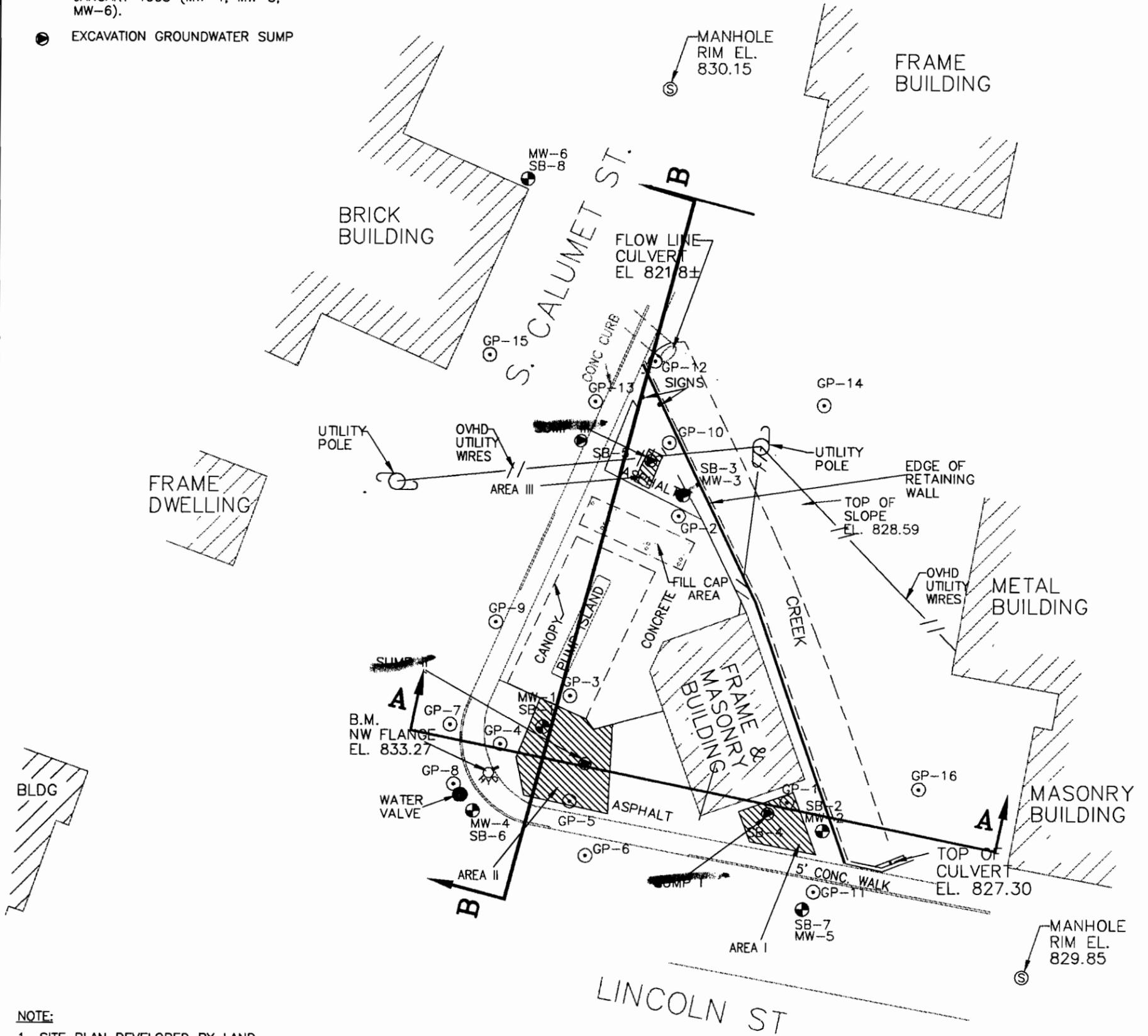


**BRENNAN'S MOBIL SERVICE STATION
VALDERS, WISCONSIN**

GZA
GeoEnvironmental, Inc.

LEGEND

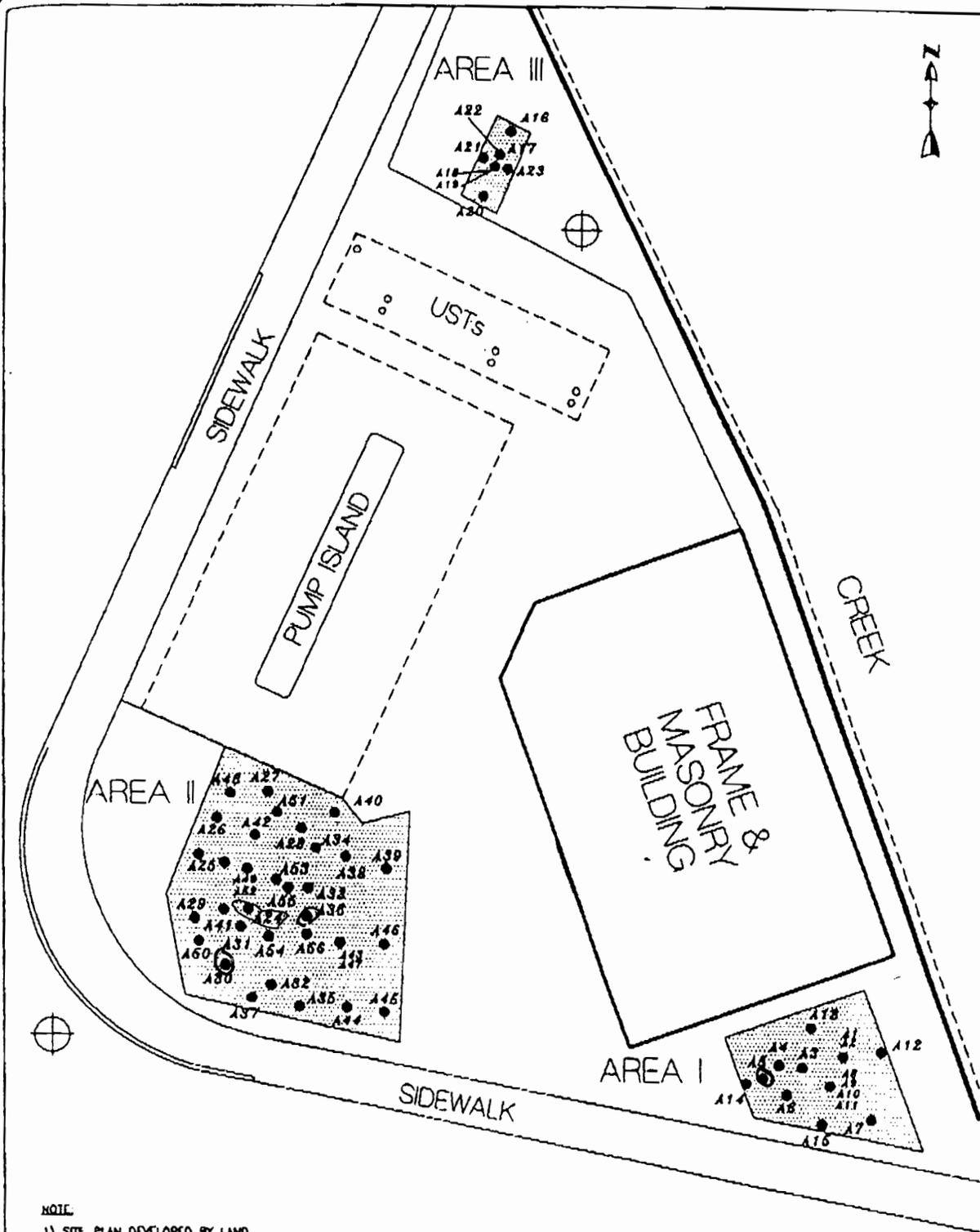
- ⊙ SOIL BORINGS COMPLETED BY GZA IN DECEMBER 1993 (GP-1, GP-2, GP-3) AND ONSITE ENVIRONMENTAL SERVICES, INC. IN JANUARY 1995 (GP-4 THROUGH GP-16) USING A GEOPROBE.
- ⊕ SOIL BORINGS COMPLETED BY WISCONSIN SOIL TESTING IN APRIL 1994
- ⊙ SOIL BORINGS AND GROUNDWATER MONITORING WELLS INSTALLED BY WISCONSIN SOIL TESTING IN APRIL 1994 (MW-1, MW-2, MW-3) AND JANUARY 1995 (MW-4, MW-5, MW-6).
- ⊙ EXCAVATION GROUNDWATER SUMP



NOTE:

1. SITE PLAN DEVELOPED BY LAND INFORMATION SERVICES, INC. OF MILWAUKEE, WISCONSIN
2. THE LOCATION OF SOIL BORINGS, MONITORING WELLS, EXCAVATIONS AND SUMPS WERE APPROXIMATELY DETERMINED BY SURVEY, LINE OF SIGHT AND/OR TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. SOIL WAS EXCAVATED AND SUMP INSTALLED BY DAKOTA ENVIRONMENTAL OF WISCONSIN ON SEPTEMBER 22 AND 23, 1997. NOTE THAT THE MONITORING WELL MW-1 WAS REMOVED BY THE BACKHOE DURING SOIL EXCAVATION.

PROJECT NO. 150056.10 FIGURE NO.	SITE PLAN DEPICTING SOIL BORINGS MONITORING WELLS, SUMPS AND APPROXIMATE EXTENT OF EXCAVATIONS	SCALE IN FEET 0 30' 60' 	DRAWN BY: MAS REVIEWED BY: DATE: 2/18/98 FILENAME: F:\DWG\BRENNAN\A-b.dwg
	BRENNAN'S MOBIL 227 SOUTH CALUMET STREET VALDERS, WISCONSIN	© 1998 GZA GEOENVIRONMENTAL, INC.	GZA GeoEnvironmental, Inc. <small>1440 DuPlainville Road • Pewaukee, Wisconsin • 53072 Phone (414) 661-2882 • Fax (414) 661-8879</small>



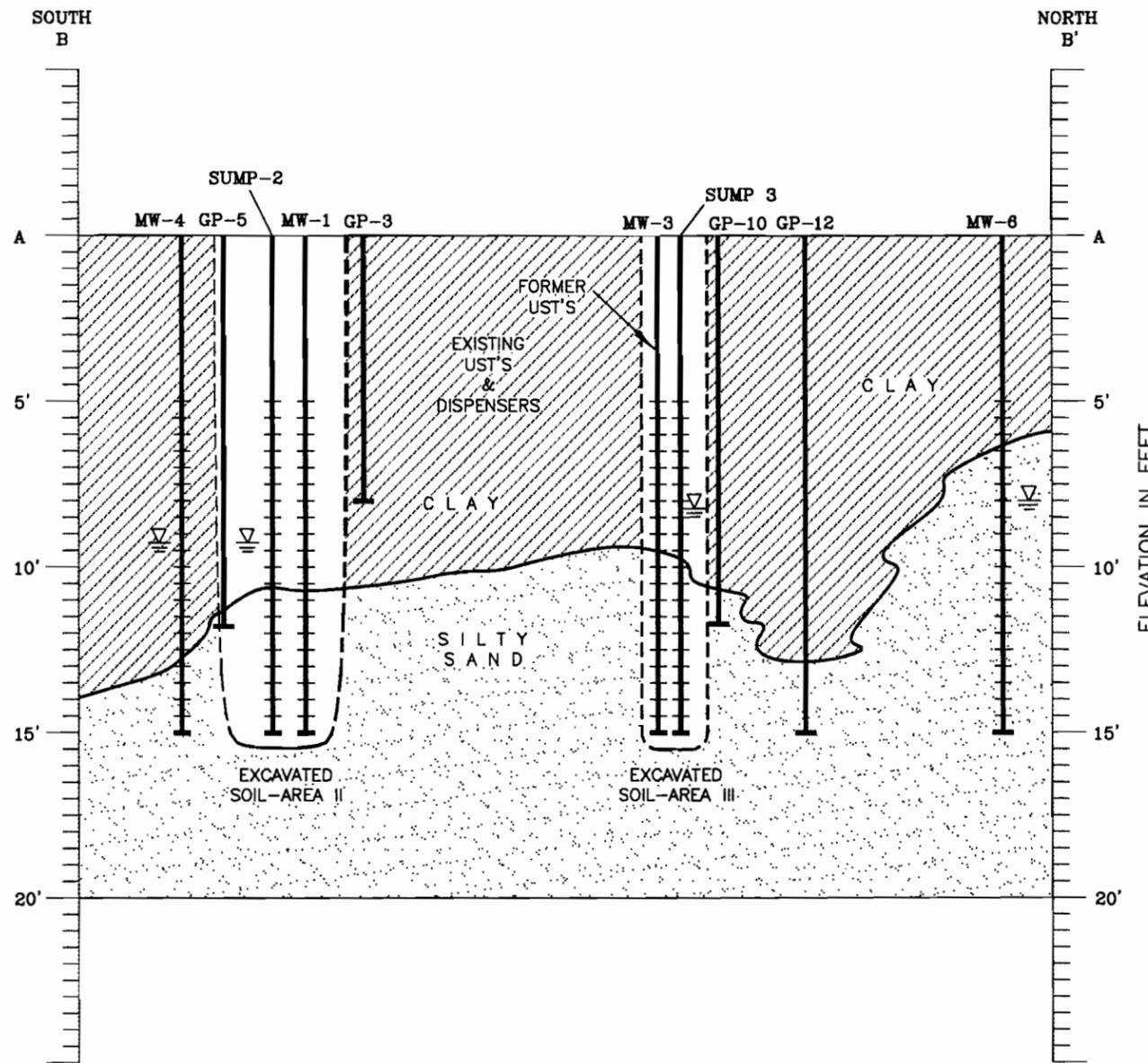
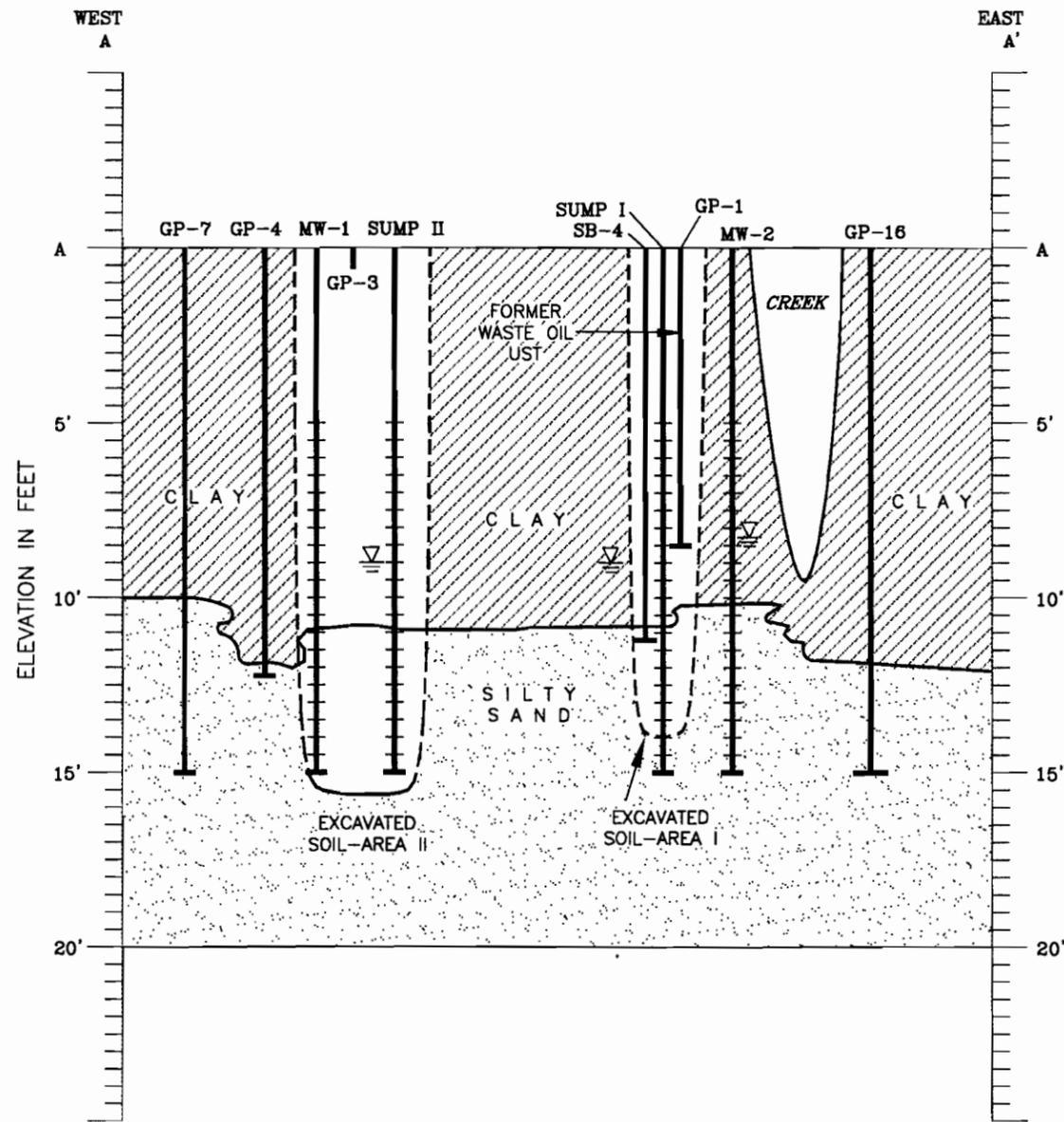
NOTE

- 1) SITE PLAN DEVELOPED BY LAND INFORMATION SERVICES, INC. OF MILWAUKEE, WISCONSIN
- 2) THE LOCATION OF EXCAVATIONS AND SOIL SAMPLES WERE APPROXIMATELY DETERMINED BY GEA BY LINE OF SIGHT, AND/OR TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
- 3) EXCAVATION SOIL SAMPLES COLLECTED BY GEA ON SEPTEMBER 22, 23, 1997.

EXPLANATION

- A15 ● EXCAVATION SAMPLE LOCATION
- APPROXIMATE EXTENT OF EXCAVATED AREAS

FIGURE NO. 3	PROJECT NO. 150056.10	EXCAVATION AND SOIL SAMPLE LOCATIONS BRENNAN'S MOBIL 227 SOUTH CALUMET STREET VALDEMS, WISCONSIN	SCALE IN FEET 0 10' 20' 	DRAWN BY: C.J.M. REVIEWED BY: DATE: 2/10/98 FILE NO. F:\DWG\BRENNAN\15005602
	 <small>GZA GeoEnvironmental, Inc. a 100% employee owned & operated company Project 150056.10 - Valdems, WI - 2/10/98</small>			<small>© 1998 GZA GEOENVIRONMENTAL, INC.</small>



NOTES:

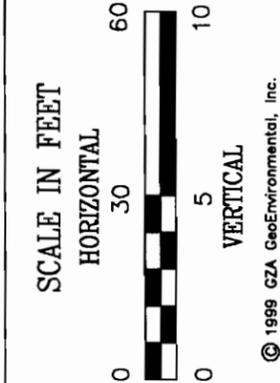
1. REFER TO MAP IN ATTACHMENT B FOR LOCATION OF GEOLOGIC CROSS SECTIONS.
2. THE STRATIFICATION LINES ARE BASED ON DATA FROM WIDELY SPACED BORINGS AND REPRESENT APPROXIMATE BOUNDARIES. ACTUAL TRANSITIONS MAY VARY.
3. MAGNIFICATION OF VERTICAL SCALE CAUSES TRENDS IN SOIL STRATA TO APPEAR MORE PRONOUNCED THAN THAT WHICH ACTUALLY EXIST. VERTICAL EXAGGERATION IS 6X.

LEGEND

- MW-5 MONITORING WELL
- SB-4 SOIL BORING
- GP-12 GEOPROBE BORING
- ▽ GROUNDWATER TABLE

DESIGNED BY:
 REVIEWED BY: RPK
 DRAWN BY: RPK
 DATE: 01/12/99
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GZA
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DATE	REVISIONS	INI

GEOLOGIC CROSS SECTIONS

BRENNAN'S MOBIL VALDERS, WISCONSIN

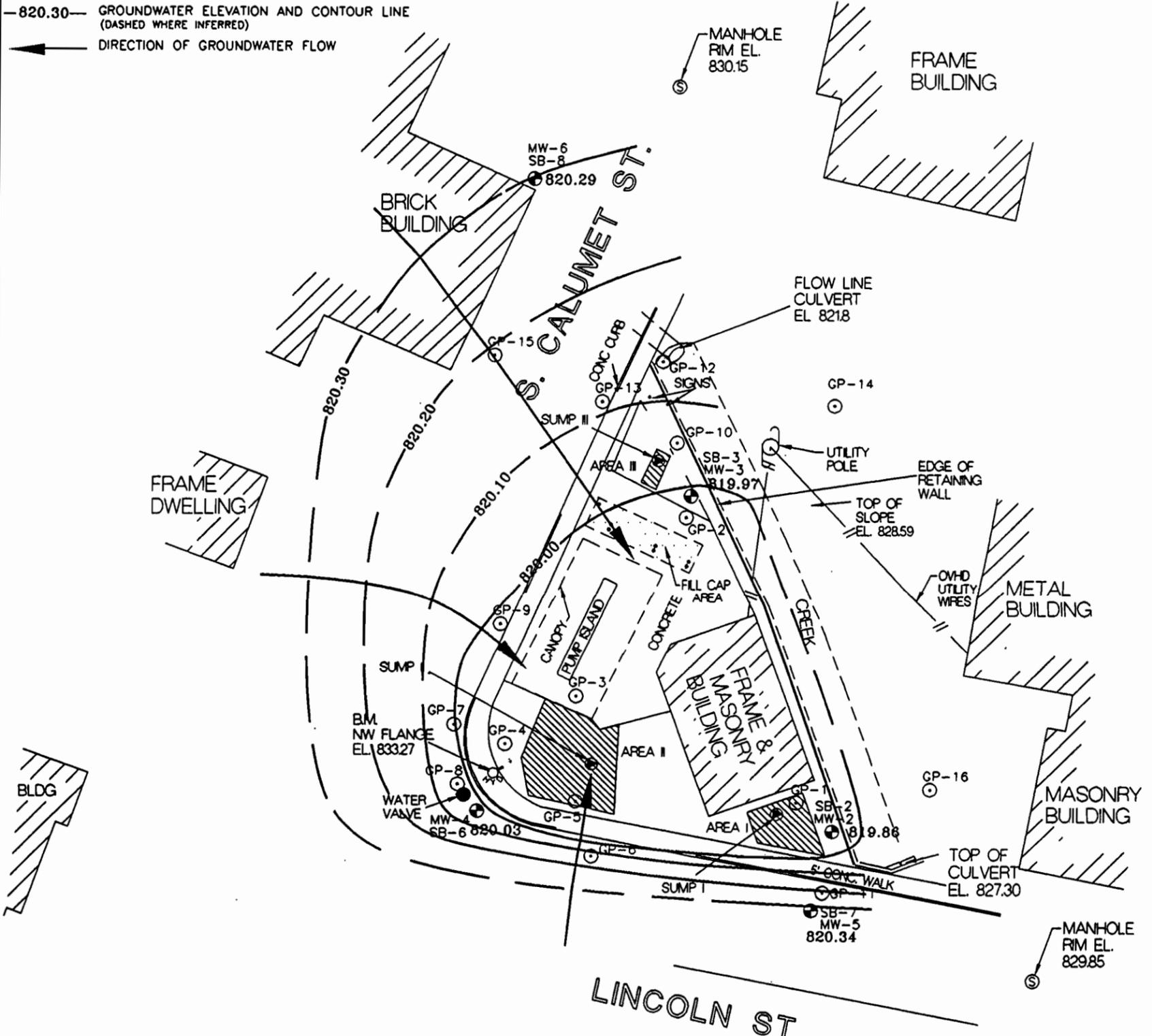
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 150056.10

FIGURE NO.

LEGEND

- ⊙ SOIL BORINGS COMPLETED BY GZA IN DECEMBER 1993 (GP-1, GP-2, GP-3) AND ONSITE ENVIRONMENTAL SERVICES, INC. IN JANUARY 1995 (GP-4 THROUGH GP-16) USING A GEOPROBE.
- ⊕ SOIL BORINGS COMPLETED BY WISCONSIN SOIL TESTING IN APRIL 1994
- ⊙ SOIL BORINGS AND GROUNDWATER MONITORING WELLS INSTALLED BY WISCONSIN SOIL TESTING IN APRIL 1994 (MW-1, MW-2, MW-3) AND JANUARY 1995 (MW-4, MW-5, MW-6).

—820.30— GROUNDWATER ELEVATION AND CONTOUR LINE (DASHED WHERE INFERRED)
 ← DIRECTION OF GROUNDWATER FLOW



NOTE:

1. SITE PLAN DEVELOPED BY LAND INFORMATION SERVICES, INC. OF MILWAUKEE, WISCONSIN
2. THE LOCATION OF SOIL BORINGS, MONITORING WELLS, EXCAVATIONS AND SUMPS WERE APPROXIMATELY DETERMINED BY SURVEY, LINE OF SIGHT AND/OR TAPE MEASUREMENTS FROM EXISTING TOPOGRAPHIC FEATURES. THIS DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. SOIL WAS EXCAVATED AND SUMP INSTALLED BY DAKOTA ENVIRONMENTAL OF WISCONSIN ON SEPTEMBER 22 AND 23, 1997. NOTE THAT THE MONITORING WELL MW-1 WAS REMOVED BY THE BACKHOE DURING SOIL EXCAVATION.

FIGURE NO. 5	PROJECT NO. 150056.10	SITE PLAN DEPICTING GROUNDWATER FLOW AFTER GROUNDWATER PUMPING 12/30/97	SCALE IN FEET 0 30' 60' 	DRAWN BY: MAS REVIEWED BY: DATE: 2/18/98 FILENAME: F:\DWG\BRENNAN\GWFLOW2
	BRENNAN'S MOBIL 227 SOUTH CALUMET STREET VALDERS, WISCONSIN		© 1998 GZA GEOENVIRONMENTAL, INC.	GZA GeoEnvironmental, Inc. <small>R 4140 DuPontville Road • Princeton, Vermont • 05072 Phone (414) 891-2882 • Fax (414) 891-9279</small>



**TABLE 2
EXCAVATION SIDEWALL SAMPLES**

**Brennan's Mobil
Valders, Wisconsin**

5.5' 6' 6' 12'

Parameter	Units	WAC NR 720 RCL	Area I				Area II				Area III			
			A-12	A-13	A-14	A-15	A-25	A-37	A-40	A-46	A-20	A-21	A-22	A-23
Cadmium	mg/kg	8	1.4	1.1	<1.2	<1.2								
Lead	mg/kg	50	11	8.3	12	6.8								
DRO	mg/kg	100	7,270	2,530	10	3,760								
GRO	mg/kg	100					<6.0	67	880	<5.8	<5.7	<5.7	8.3	8.6
PAHs														
Acenaphthene	µg/kg	900,000	<60	3,790	<59	<59								
Acenaphthylene	µg/kg	18,000	<100	<98	<100	<100								
Anthracene	µg/kg	5,000,000	<6.0	42	<5.9	200								
Benzo (a) anthracene	µg/kg	88	<6.0	172	<5.9	1,120								
Benzo (b) fluoranthene	µg/kg	88	<6.0	<5.7	<5.9	<5.9								
Benzo (k) flouranthene	µg/kg	88	<6.0	<5.7	<5.9	<5.9								
Benzo (a) pyrene	µg/kg	8.8	<6.0	<5.7	<5.9	<5.9								
Benzo (ghi) perylene	µg/kg	1,800	<6.0	<5.7	<5.9	<5.9								
Chrysene	µg/kg	8,800	<6.0	44	<5.9	552								
Dibenzo (a,h) anthracene	µg/kg	8.8	<12	<11	<12	<12								
Fluorathene	µg/kg	600,000	<12	494	<12	3,640								
Fluorene	µg/kg	600,000	1,310	483	<12	1,760								
Indeno (1,2,3-cd) pyrene	µg/kg	88	<6.0	<5.7	<5.9	<5.9								
1-Methylnaphthalene	µg/kg	1,100,000	33,400	13,800	<35	32,900								
2-Methylnaphthalene	µg/kg	600,000	26,200	9,310	<29	22,300								
Naphthalene	µg/kg	20,000	8,340	2,870	<35	7,280								
Phenanthrene	µg/kg	18,000	<6.0	609	<5.9	2,700								
Pyrene	µg/kg	500,000	<6.0	299	<5.9	1,880								



TABLE 2
EXCAVATION SIDEWALL SAMPLES
 Brennan's Mobil
 Valders, Wisconsin

Parameter	Units	WAC NR 720 RCL	Area I				Area II				Area III			
			A-12	A-13	A-14	A-15	A-25	A-37	A-40	A-46	A-20	A-21	A-22	A-23
PVOCs														
Benzene	µg/kg	5.5					< 12	525	9,380	< 12	< 11	< 11	83	94
Ethylbenzene	µg/kg	2,900					< 30	2,740	20,800	< 29	< 28	53	465	398
Methyl-tert-butyl-ether	µg/kg						< 30	< 597	< 2,890	< 29	< 28	< 28	< 30	< 31
Toluene	µg/kg	1,500					< 30	752	56,700	< 29	< 28	34	134	149
1,2,4-Trimethylbenzene	µg/kg						< 30	2,740	47,500	< 29	< 28	34	183	187
1,3,5-Trimethylbenzene	µg/kg						< 30	549	15,000	< 29	< 28	57	35	34
Xylenes, Total	µg/kg	4,100					< 90	4,060	94,900	< 88	< 85	< 170	746	920

Notes:

1. Soil samples were collected from the excavations by GZA GeoEnvironmental, Inc. on September 22 and 23, 1997, and analyzed by National Environmental Testing, Inc. of Watertown, Wisconsin.
2. Concentrations are reported in milligrams per kilogram (mg/kg) or micrograms per kilogram (µg/kg) as indicated.
3. The Wisconsin Administrative Code (WAC) Chapter NR 720 Generic Residual Contaminant Levels (RCLs) are shown for reference. No entry indicates that no RCL has been established at this time. The RCLs shown for PAH compounds are only suggested levels at this time.
4. Blank space indicates the samples was not analyzed for that parameter.
5. Shading of a concentration indicates a concentration above the RCL.



TABLE 4
GROUNDWATER ANALYTICAL RESULTS
 Brennan's Mobil
 Valders, Wisconsin

Parameter	Units	WAC NR 140		MW-1/SUMP II								MW-2					
		ES	PAL	May-94	Jan-95	Sep-97	Oct-97	Dec. 4, 1997	Dec. 30, 1997	Sep-98	Dec-98	May-94	Jan-95	Sep-97	Dec-97	Sep-98	Dec-98
Gasoline Range Organics	mg/l			83	58	1.7		13	4.9	0.35			0.48	0.44	0.38	0.45	
Diesel Range Organics	mg/l				12	0.32						2.1	4.7	17			
Benzene	µg/l	5	0.5	21,900	22,800	240	4,100	3,600	1,400	190	19	3.4	3.6	2.4	<0.13	0.97	0.63
Ethylbenzene	µg/l	700	140	1,740	1,400	17	450	310	110	1.1	<0.22	3.8	<0.23	<0.38	0.38	0.29	<0.44
Methyl-tert-butyl ether	µg/l	60	12	4,200	3,100	110	<1.6	<210	<1.6	84	7.7	<2.7	<0.12	<0.14	<0.16	<0.16	<0.32
Toluene	µg/l	343	68.6	31,700	15,900	140	3,900	2,900	940	2.6	<0.20	3.4	<0.16	0.46	<0.20	1.2	<0.40
1,2,4-Trimethylbenzene	µg/l			1,550	1,200	14	460	520	200	1.3	<0.22	39	29	9.7	1.3	2	7.6
1,3,5-Trimethylbenzene	µg/l			393	<73	7.9	130	160	66	<0.29	<0.29	17	4.1	0.33	<0.29	<0.29	1.3
m- & p-Xylene	µg/l	620	124	7,610								11					
o-Xylene	µg/l	620	124	3,240								7.6					
Total Xylenes	µg/l	620	124		7,100	51	2,100	2,000	750	2.9	<0.23		2.6	5.6	0.76	2.3	2.6
n-Butylbenzene	µg/l			155		1.0						20		2.5			
iso-Butylbenzene	µg/l			<50		<0.90						5.2		6.3			
1,2-Dichloroethane	µg/l	5	0.5	806		13						<1.1		<0.20			
DI-isopropyl ether	µg/l			84		0.56						<1.0		<0.13			
Isopropylbenzene	µg/l			56		1.2						8		7.9			
p-Isopropyltoluene	µg/l			<43		<0.70						3.7		1.3			
Methylene Chloride	µg/l	150	15	69		<1.7						<1.5		0.95			
Naphthalene	µg/l	40	8	349		5.0						21		3.2			
n-Propylbenzene	µg/l			145		2.1						11		11			
Lead	µg/l	15	1.5	7.5	<2							12	<2				
Cadmium	µg/l	5	0.5									<0.3					
Alkalinity	mg/l					780								510			
Nitrate	mg/l	10	2			0.36								<0.10			
Sulfate	mg/l	250	125			130								49			
Iron	mg/l	0.3	0.15			0.021								5.2			
Manganese	mg/l	0.05	0.025			1.5								0.25			
Field Eh														-187			
Field pH														6.83			
Dissolved Oxygen	mg/l													0.31			
Field Conductivity	mmhos/cm													1,710			
Temperature	°C													16.8			



**TABLE 4
GROUNDWATER ANALYTICAL RESULTS**

Bresnan's Mobil
Valders, Wisconsin

Parameter	Units	WAC NR 140		MW-3							
		ES	PAL	May-94	May-94 (Dup.)	Jan-95	Jan-95 (Dup.)	Sep-97	Dec-97	Sep-98	Dec-98
Gasoline Range Organics	mg/l			0.14	0.11	0.12	0.10	0.28	<0.05	0.07	
Diesel Range Organics	mg/l					<0.11	<0.11	0.30			
Benzene	µg/l	5	0.5	6.3	6.2	<0.51	6.3	88	0.93	26	2.8
Ethylbenzene	µg/l	700	140	6.2	5.7	<0.23	<0.23	20	<0.22	1.5	<0.22
Methyl-tert-butyl ether	µg/l	60	12	17	22	6.5	<0.12	50	<0.16	53	16
Toluene	µg/l	343	68.6	6.6	4.3	<0.16	<0.16	29	<0.20	1	0.39
1,2,4-Trimethylbenzene	µg/l			<1.7	<1.7	<0.40	<0.40	2.3	<0.29	<0.22	0.51
1,3,5-Trimethylbenzene	µg/l			<0.9	<0.9	<0.73	<0.73	<0.33	<0.29	<0.29	<0.029
m- & p-Xylene	µg/l	620	124	<1.7	<1.7						
o-Xylene	µg/l	620	124	<0.5	<0.5						
Total Xylenes	µg/l	620	124			<0.88	<0.88	26	<0.23	1.1	1.2
n-Butylbenzene	µg/l			<1.9	<1.9			<0.44			
sec-Butylbenzene	µg/l			<1.5	<1.5			1.6			
1,2-Dichloroethane	µg/l	5	0.5	3.9	5.3			<0.20			
Di-isopropyl ether	µg/l			<1.0	<1.0			<0.13			
Isopropylbenzene	µg/l			1.7	1.6			1.7			
p-Isopropyltoluene	µg/l			<1.3	<1.3			<0.35			
Methylene Chloride	µg/l	150	15	2	2			1.1			
Naphthalene	µg/l	40	8	<1.0	<1.0	<0.70	<0.70	1.0			
n-Propylbenzene	µg/l			1.8	1.8			1.8			
Lead	µg/l	15	1.5	20	15	<2	<2				
Cadmium	µg/l	5	0.5								
Alkalinity	mg/l							430			
Nitrate	mg/l	10	2					1.4			
Sulfate	mg/l	250	125					38			
Iron	mg/l	0.3	0.15					1.4			
Manganese	mg/l	0.05	0.025					0.25			
Field Eh								-147			
Field pH								7.00			
Dissolved Oxygen	mg/l							0.53			
Field Conductivity	mmhos/cm							1,960			
Temperature	° C							15.4			



**TABLE 4
GROUNDWATER ANALYTICAL RESULTS
Brennan's Mobil
Valders, Wisconsin**

Parameter	Units	WAC NR 140		SUMP I						SUMP III					
		ES	PAL	Sep-97	Oct-97	Dec. 4, 1997	Dec. 30, 1997	Sep-98	Dec-98	Sep-97	Oct-97	Dec. 4, 1997	Dec. 30, 1997	Sep-98	Dec-98
Gasoline Range Organics	mg/l			0.78		0.8	0.79	0.41		0.88		0.92	0.7	<0.05	
Diesel Range Organics	mg/l			22						0.56					
Benzene	µg/l	5	0.5	0.96	3.4	13	4.2	3.7	8.4	140	72	140	118	2.5	<0.13
Ethylbenzene	µg/l	700	140	6.7	14	20	9.7	4.9	11	7.6	3.8	36	26	<0.22	<0.22
Methyl-tert-butyl ether	µg/l	60	12	0.23	<0.16	<0.16	1.1	<0.32	<0.16	180	190	270	208	43	28
Toluene	µg/l	343	68.6	1.3	0.24	4.2	<0.42	1.3	0.41	4.1	3.1	21	8.6	0.24	<0.20
1,2,4-Trimethylbenzene	µg/l			27.7	32	40	25	15	18	2.6	4.0	26	25	<0.22	<0.22
1,3,5-Trimethylbenzene	µg/l			10.2	16	17	7.1	0.78	0.97	0.48	0.41	2.6	<12	<0.29	<0.29
m- & p-Xylene	µg/l	620	124												
o-Xylene	µg/l	620	124												
Total Xylenes	µg/l	620	124	18	15	<27	11	4.4	8	9.0	21	100	58	0.64	<0.23
n-Butylbenzene	µg/l			2.0						<0.44					
sec-Butylbenzene	µg/l			1.4						0.71					
1,2-Dichloroethane	µg/l	5	0.5	<0.20						<0.20					
Di-isopropyl ether	µg/l			<0.13						<0.13					
Isopropylbenzene	µg/l			2.1						3.3					
p-Isopropyltoluene	µg/l			1.5						<0.35					
Methylene Chloride	µg/l	150	15	5.8						<0.87					
Naphthalene	µg/l	40	8	31						1.4					
n-Propylbenzene	µg/l			2.2						2.1					
Lead	µg/l	15	1.5												
Cadmium	µg/l	5	0.5												
Alkalinity	mg/l			690						420					
Nitrate	mg/l	10	2	0.25						0.45					
Sulfate	mg/l	250	125	49						25					
Iron	mg/l	0.3	0.15	0.29						<0.019					
Manganese	mg/l	0.05	0.025	0.23						0.021					
Field Eh															
Field pH															
Dissolved Oxygen	mg/l														
Field Conductivity	mmhos/cm														
Temperature	°C														

Notes:

- Monitoring wells MW-1, MW-2, and MW-3 were installed by Wisconsin Soil Testing, Inc. (WST) of Butler, Wisconsin on April 27, 1994, and samples were analyzed by Ortek Environmental Laboratories, Inc. of Green Bay, Wisconsin in 1994, by Precision Analytical Laboratories, Inc. (PAL) of Milwaukee, Wisconsin in 1995, and National Environmental Testing, Inc. (NET) of Watertown, Wisconsin in 1997.
- Monitoring wells MW-4, MW-5, and MW-6 were installed by WST on January 17, 1995, and analyzed by PAL in 1995 and by NET in 1997.
- Sumps installed by Dakota Environmental of Wisconsin of Wausau, Wisconsin on September 22 and 23, 1997, and samples were analyzed by NET.
- Only the volatile organic compounds detected in the samples are listed, refer to the analytical test results for additional detail.
- "<" indicates that the parameter was not detected above the concentration indicated. No entry indicates that the parameter was not analyzed for.
- Gasoline Range Organic compounds and Diesel Range Organic compounds concentrations are reported in milligrams per liter, which is equivalent to parts per million (ppm).
- VOC concentrations are reported in micrograms per liter (µg/l) which is equivalent to parts per billion (ppb).
- The Enforcement Standards (ES) and the Preventive Action Limits (PAL) are the Wisconsin Administrative Code NR 140 Wisconsin Groundwater Quality Standards. No entry indicates that no ES or PAL are established for the parameter. The ES and PAL indicated for m-, o-, and p-xylene are for total xylene.
- Shading indicates parameters detected at concentrations greater than the WAC Chapter NR 140 Enforcement Standards.
- Monitoring well MW-1 was replaced by Sump II on September 22, 1997.