

**GIS REGISTRY INFORMATION**

**SITE NAME:** WIDOT STH 58-154  
**BRRTS #:** 03-53-272306 **FID # (if appropriate):** \_\_\_\_\_  
**COMMERCE # (if appropriate):** \_\_\_\_\_  
**CLOSURE DATE:** 03-Aug-05  
**STREET ADDRESS:** NW corner of ROW, former intersection of STH 58 & STH 154  
**CITY:** Ithica  
**SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):** X= 499606 Y= 323254

**CONTAMINATED MEDIA:** Groundwater  Soil  Both   
**OFF-SOURCE GW CONTAMINATION >ES:**  Yes  No

**IF YES, STREET ADDRESS 1:** \_\_\_\_\_  
**GPS COORDINATES (meters in WTM91 projection):** X= \_\_\_\_\_ Y= \_\_\_\_\_

**OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):**  Yes  No

**IF YES, STREET ADDRESS 1:** 30970 STH 154  
**GPS COORDINATES (meters in WTM91 projection):** X= 499611 Y= 323259

**CONTAMINATION IN RIGHT OF WAY:**  Yes  No

**DOCUMENTS NEEDED:**

- Closure Letter, and any conditional closure letter issued X
- Copy of most recent deed, including legal description, for all affected properties X
- Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties NA
- County Parcel ID number, if used for county, for all affected properties X
- Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site. X
- Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs. X
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching) X
- Tables of Latest Soil Analytical Results (no shading or cross-hatching) X
- Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map. X
- GW: Table of water level elevations, with sampling dates, and free product noted if present X
- GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees) X
- SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour X
- Geologic cross-sections, if required for SI. (8.5x14" if paper copy) X
- RP certified statement that legal descriptions are complete and accurate X
- Copies of off-source notification letters (if applicable) X
- Letter Informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW) X
- Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Ruthe E. Badger, Regional Director

South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711-5397  
Telephone 608-275-3266  
FAX 608-275-3338  
TTY Access via relay - 711

August 5, 2005

Bob Pearson  
Wisconsin Department of Transportation  
Room 451  
4802 Sheboygan Avenue  
Madison, WI 53707

**SUBJECT:** Final Case Closure By Closure Committee  
WIDOT STH 58-154, at former northwest corner of STH 58 and STH 154,  
Ithica, WI  
WDNR BRRTS #: 03-53-272306

Dear Mr. Pearson:

On June 14, 2005 your site as described above was reviewed for closure by the South Central Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On June 14, 2005, you were notified that the Closure Committee had granted conditional closure to this case.

On July 18, 2005 the Department received correspondence indicating that you have complied with the conditions of closure. The monitoring wells at the site have been properly abandoned. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

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 registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm> If your property is listed on the GIS Registry due to groundwater contamination exceeding ch. NR 140 standards at the time of closure, and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). 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 at the web address listed above.

Please be aware that this 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 the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (608) 275-3224.

Sincerely,

A handwritten signature in cursive script that reads "Randy Maass". The signature is written in black ink on a light-colored background.

Randy Maass  
Hydrogeologist  
Bureau for Remediation & Redevelopment

cc: Betty Socha, BT2, Inc., 2830 Dairy Drive, Madison, WI 53718-6751  
Jennifer Fredrickson, WDOT District 5 (via email)  
Wendy Weihemuller, DNR



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

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South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg, Wisconsin 53711-5397  
Telephone 608-275-3266  
FAX 608-275-3338  
TTY Access via relay - 711

June 14, 2005

Bob Pearson  
Wisconsin Department of Transportation  
Room 451  
4802 Sheboygan Avenue  
Madison, WI 53707

Subject: Conditional Case Closure  
WIDOT STH 58-154, at former northwest corner of STH 58 and STH 154,  
Ithaca, Wisconsin  
WDNR BRRTS # 03-53-272306

Dear Mr. Pearson:

On June 14, 2005, your request for closure of the case described above was reviewed by the South Central Region Closure Committee. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the petroleum contamination on the site from the former underground storage tanks 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:

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

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

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

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (608) 275-3224.

Sincerely,

A handwritten signature in cursive script that reads "Randy Maass".

Randy Maass  
Hydrogeologist  
Bureau for Remediation & Redevelopment

cc: Betty Socha, BT2, Inc., 2830 Dairy Drive, Madison, WI 53718-6751  
Jennifer Fredrickson, WisDOT District 5 (via email)  
Wendy Weihemuller, DNR

# Richland County

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## Land Information Office

**Summary Property Information For Parcel 32-3433-9900**

<b>General Property Information</b>					<b>Owner Information</b>	
Parcel Number 32-3433-9900					Owner Name STATE OF WISCONSIN (DOT)	
Municipality 32 - Town of Willow					Mailing Address	
School District 2660 - Ithaca						
Special District(s) 3 - Southwest Wis Tech College						
<b>Location Information</b>					<b>Legal Information</b>	
Property Address					Legal Description:	
Section 34					SW 1/4 SW 1/4 HWY LAND:	
Town 11N					1.8 A DESC IN VOL 349-584	
Range 2E					<b>Register of Deeds</b>	
					Vol. _____ Page _____	
<b>Assessment Information (2003)</b>					<b>Taxes (2003)</b>	
Class	Acres	Land	Improvements	Total	Tax	\$0.00
X2-Exempt State	1.800	\$0.00	\$0.00	\$0.00	Lottery Credit	\$0.00
Totals	1.800	\$0.00	\$0.00	\$0.00	Net Property Tax	\$0.00
Fair Market Value		\$0.00			Special Assessments	\$0.00
					Special Charges	\$0.00
					Woodlands	\$0.00
					Managed Forest	\$0.00
					Private Forest	\$0.00
					Total Tax	\$0.00

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[Supervisory District Maps](#) | [Related Links](#) | [Contacts](#)  
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DEPTH	GRO	B	E	T	X	TMB	MTBE
4'	13	<b>269</b>	403	43	3,900	1,573	<34

DEPTH	GRO	B	E	T	X	TMB	MTBE
5'	<6.7	<34	<34	<34	<100	<68	<34

DEPTH	GRO	B	E	T	X	TMB	MTBE
9'	<6.5	<b>74</b>	195	73	247	429	<32

DEPTH	GRO	B	E	T	X	TMB	MTBE
5'	43	<b>382</b>	764	<33	<99	41	<33

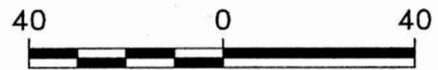
DEPTH	GRO	B	E	T	X	TMB	MTBE
6'	<6.8	<34	<34	<34	<100	<68	<34

DEPTH	GRO	B	E	T	X	TMB	MTBE
6'	<6.6	<33	<33	<33	<99	37	<33

DEPTH	GRO	B	E	T	X	TMB	MTBE
7'	<6.5	<33	<33	<33	<98	<66	<33

**LEGEND**

- MONITORING WELL
- DRAINAGE DITCH
- FENCE
- PRIVATE SUPPLY WELL
- LIMITS OF EXCAVATION
- EXCAVATION SOIL SAMPLE
- GRO GASOLINE RANGE ORGANICS (mg/kg)
- B BENZENE (µg/kg)
- E ETHYLBENZENE (µg/kg)
- T TOLUENE (µg/kg)
- X XYLENES (µg/kg)
- TMB TRIMETHYLBENZENES (µg/kg)
- MTBE METHYL-TERT-BUTYL EHTER (µg/kg)
- EXTENT OF RESIDUAL SOIL CONTAMINATION



SCALE: 1" = 40'

**NOTES:**

1. MAP BASED UPON MSA PROFESSIONAL SERVICES DRAWING DATED OCTOBER 5, 2000.
2. BOLD VALUES EXCEED NR 720 RCLs.

PROJECT NO. 2037
DRAWN BY: CS/KP
CHECKED BY: AW
DRAWN: 04/16/03
REVISED: 06/01/05

FIGURE I-10B  
RESIDUAL SOIL CONTAMINATION  
S.T.H. 58 / S.T.H. 154 INTERSECTION  
WDOT PROJECT #5071-08-00  
ITHACA-CAZENOVIA, WISCONSIN



## ATTACHMENT I

### Required GIS Registry Information

- I-1. Copy of Most Recent Deeds
- I-2. Copy of WisDOT Highway Plan (Certified Survey Map Not Available)
- I-3. Parcel Identification Number  
# 32-3433-9900
  
- Geographic Position  
X=499558, Y=323222
  
- I-4. Site Location Map
- I-5. Map of Contaminated Properties Within the Site Boundary – Site Map
- I-6. Table of Most Recent Analytical Results – Groundwater Analytical Results Summary
- I-7. Map of Horizontal Extent of Groundwater Contamination – Groundwater Analytical Results Map
- I-8. Table of Previous Four Water Level Elevation Measurements From All Monitoring Wells – Water Level Summary
- I-9. Groundwater Flow Direction Map – Water Table Map for March 8, 2004
- I-10. Map Showing Location of All Soil Samples
  - I-10A Soil Analytical Results Map
  - I-10B Site Map
- I-11. Geologic Cross Section A-A'
- I-12. Responsible Party Statement
- I-13. Copy of Letters Sent by the RP to All Owners of Properties With Groundwater Exceeding ESS
- I-14. Copy of Written Notifications
- I-15. List of Addresses for All Off-Source Properties

**From:** "TeBeest, Sharlene" <sharlene.tebeest@dot.state.wi.us>  
**To:** "Aaron Walters" <awalters@bt2inc.com>  
**Date:** 3/15/2005 6:27:22 PM  
**Subject:** RE: Notification of Contamination within Right of Way

Thanks Aaron.

WisDOT has received the notification for the NEQ of STH 58 and STH 154 intersection in Neptune, WI . Please keep a copy of this e-mail for your file. It is the only confirmation you will receive.

Shar  
Shar Te Beest  
Hazardous Materials Specialist /District 1 Liaison  
Wisconsin Department of Transportation  
Bureau of Equity and Environmental Services  
Phone (608) 266-1476; Fax (608) 266-7818;  
Cell (608) 692-4546  
e-mail: sharlene.tebeest@dot.state.wi.us  
<mailto:sharlene.tebeest@dot.state.wi.us>

-----Original Message-----

From: Aaron Walters [mailto:awalters@bt2inc.com]  
Sent: Tuesday, March 15, 2005 6:16 PM  
To: sharlene.tebeest@dot.state.wi.us  
Subject: Notification of Contamination within Right of Way

County: Richland  
Highway: STH 154  
Site Name: WisDOT STH 58 and STH 154  
Site Address: Former northeast quadrant of STH 58 and STH 154  
BRRTS Number: 03-53-272306  
PECFA Number: None  
DNR FID Number: none listed  
Owner's Name: WisDOT Transportation District 5  
Owner's Address: 3550 Mormon Coulee Road, La Crosse, WI 54602  
Consulting Firm: BT Squared  
Consultant Contact: Betty Socha  
Consultant Address: 2830 Dairy Drive, Madison, WI 53718  
Consultant Phone: 608.224.2830  
Fax: 608.224.2839  
E-mail: bsocha@bt2inc.com  
Soil contamination?: no  
Groundwater contamination? yes  
Depth to water table: ~2 feet  
Description of the type(s) of contamination present: leaded gasoline  
Brief summary of cleanup activity: removed 2 USTs, soil excavation,  
groundwater monitoring for natural attenuation

Attachment with a current plume map for groundwater contamination.

Document Number

WARRANTY DEED

Wisconsin Department of Transportation  
Exempt from fee: s.77.25(2) Wis. Stats  
DT1500 98 (Replaces RE3004)

THIS DEED, made by Louis J Grassman and  
Marvelene L. Grassman, Husband and  
wife of each other, marital property

GRANTOR, conveys and warrants the property described below to the State of  
Wisconsin, Department of Transportation, GRANTEE, for the sum of 51K  
thousand and 00/100 Dollars.  
(\$6,000.00)

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 the 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 persons having an interest of record in the property: \_\_\_\_\_

This \_\_\_\_\_ homestead property:

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

VOL 349 PAGE 584

246223

RECORDED

AT 8:30 O'CLOCK A.M

OCT 17 2001

VOL 349 OF RECORDS PAGE 584-586

REGISTER OF DEEDS  
RICHLAND COUNTY, WISCONSIN

BY Sandra K. Anderson

This space is reserved for recording data

Return to

DOT

Parcel Identification Number / Tax Key Number

Louis J. Grassman  
(Signature)  
Louis J. Grassman

Marvelene L. Grassman  
(Signature)  
Marvelene L. Grassman

(Signature)

(Signature)

Sept 14, 2001

State of

La Crosse

On the above date, this instrument was acknowledged by the named person(s).



Sandra K. Anderson  
(Signature, Notary Public, State of Wisconsin)

Sandra K. Anderson  
(Print or Type, Notary Public, State of Wisconsin)

2-16-2003  
(Date Commission Expires)

Project ID 5071-03-21 This instrument was drafted by WI Dept Transportation Parcel No. 2

## LEGAL DESCRIPTION

**Fee Title** in and to the following tract of land in the Town of Willow, Richland County, Wisconsin, described as all that part of the SE $\frac{1}{4}$ -SE $\frac{1}{4}$  of Section 33, and the S $\frac{1}{2}$  of the SW $\frac{1}{4}$  of Section 34, T11N, R2E, (as described in Vol. 248, Pg. 669 of the Richland County Deed Registry) lying within the following described traverse:

Commencing at the Southwest corner of said Section 34;  
 Thence N 00°39'52" W, 546.08 feet;  
 Thence N 85°21'49" W, 14.21 feet to the point of beginning; said point hereinafter also referred to as point "A";  
 Thence N 04°38'11" E, 105.30 feet;  
 Thence S 85°24'14" E, 937.10 feet; said point hereinafter referred to as point "C";  
 Thence S 04°35'46" W, 8.00 feet;  
 Thence S 85°24'14" E, 609.54 feet;  
 Thence N 88°41'26" E, 595.56 feet;  
 Thence S 05°40'50" E, 88.95 feet;  
 Thence S 84°18'37" W, 60.97 feet to the point of curvature of a curve concave to the north with a radius of 2324.88 feet (from said point the long chord bears S 87°47'43" W, 282.65 feet), thence westerly along the arc of said curve 282.82 feet;  
 Thence S 87°01'57" W, 132.70 feet;  
 Thence N 87°21'18" W, 299.58 feet; said point hereinafter referred to as point "D";  
 Thence N 85°21'49" W, 1383.34 feet to the point of beginning.

Said new right of way contains 1.08 acres, more or less. Also included herein is 2.30 acres, more or less, lying within the existing right of way.

Also, four **Temporary Limited Easements** for the right to construct cut or fill slopes, drainage, and driveways, including for such purpose the right to operate necessary equipment thereon, the right of ingress and egress, as long as required for such public purpose, including the right to preserve, protect, remove or plant thereon any vegetation that the highway authorities may deem desirable to prevent erosion of the soil. This easement is to terminate on the date the construction of this project is completed.

Said easements consist of four tracts of land described as follows:

**Tract I:** Said parcel consists of all that part of the SE $\frac{1}{4}$ -SE $\frac{1}{4}$  of said Section 33, and the SW $\frac{1}{4}$ -SW $\frac{1}{4}$  of said Section 34, lying within the following described traverse:

Commencing at the aforelocated Point "A" and the point of beginning;  
 Thence S 85°21'49" E, 104.99 feet;  
 Thence S 04°38'11" W, 19.68 feet;  
 Thence N 85°21'49" W, 104.99 feet;  
 Thence N 04°38'11" E, 19.68 feet to the point of beginning.

**Tract II:** Said parcel consists of all that part of the SW $\frac{1}{4}$ -SW $\frac{1}{4}$  of said Section 34, lying within the following described traverse:

Commencing at the aforelocated Point "C" and the point of beginning;  
 Thence N 85°24'14" W, 11.87 feet;  
 Thence N 04°38'11" E, 12.16 feet;  
 Thence S 77°46'09" E, 99.25 feet;  
 Thence S 85°21'49" E, 359.71 feet;  
 Thence S 83°02'55" E, 163.40 feet;  
 Thence N 85°24'14" W, 609.54 feet;

Thence N 04°35'46" E, 8.00 feet to the point of beginning.

Tract III:

Said parcel consists of all that part of the SW¼-SW¼ of said Section 34, lying within the following described traverse:

Commencing at the aforelocated Point "D";  
Thence N 85°21'49" W, 64.44 feet to the point of beginning;  
Thence S 04°38'11" W, 36.09 feet;  
Thence N 85°21'49" W, 442.91 feet;  
Thence N 04°38'11" E, 36.09 feet;  
Thence N 85°21'49" W, 442.91 feet to the point of beginning.

Tract IV:

Said parcel consists of all that part of the S½ of the SW¼ of said Section 34, lying within the following described traverse:

Commencing at the aforelocated Point "D";  
Thence S 87°21'28" E, 299.58 feet;  
Thence N 87°01'57" E, 132.70 feet to the point of curvature of a curve concave to the north with a radius of 2324.88 feet (from said point the long chord bears N 87°47'43" E, 282.65 feet), thence easterly along the arc of said curve 282.82 feet;  
Thence N 84°18'37" E, 967.38 feet;  
Thence S 05°40'50" E, 9.62 feet;  
Thence S 84°19'10" W, 906.41 feet;  
Thence S 77°48'35" W, 214.39 feet;  
Thence N 02°52'19" W, 38.65 feet to the point of curvature of a curve concave to the north with a radius of 2324.88 feet (from said point the long chord bears N 86°09'42" E, 150.22 feet), thence easterly along the arc of said curve 150.24 feet to the point of beginning.

221968

STATE BAR OF WISCONSIN FORM 1 - 1982  
WARRANTY DEED

DOCUMENT NO.

VOL 219 PAGE 733

RECORDED

AT 8:30 O'CLOCK A.M.

OCT 10 1996

VOL 219 OF RECORDS PAGE 733-734

REGISTER OF DEEDS  
RICHLAND COUNTY, WISCONSIN

BY *M. S. Sniggo*

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS

Richard Clements  
Box 1125, Route #2  
Cazenovia, WI 53924

This Deed, made between Robert R. Ernstmeyer and Beverly Ernstmeyer, individually and as husband and wife

and Richard E. Clements, a single person, Grantor,

Witnesseth, That the said Grantor, for a valuable consideration of one dollar and other good and valuable consideration

conveys to Grantee the following described real estate in Richland County, State of Wisconsin:

See description on reverse

PARCEL IDENTIFICATION NUMBER

This deed is given in fulfillment of a Land Contract dated May 13, 1987 and recorded in the office of the Register of Deeds for Richland County, Wisconsin on May 18, 1987, Volume 191, Page 601 as Document No. 190098 and an Assignment of Land Contract dated June 21, 1990 and recorded June 25, 1990, Volume 214, Page 392, as Document No. 199624.

TRANSMIT  
\$ 30.00  
FEE

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

Together with all and singular the hereditaments and appurtenances thereunto belonging; And Robert R. Ernstmeyer and Beverly Ernstmeyer, individually and as husband and wife warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances, recorded easements, covenants, conditions, restrictions, general taxes and special assessments, except any liens or encumbrances created or suffered to be created by the acts or defaults of Grantee and general taxes or assessments for the year 1987 and thereafter and will warrant and defend the same.

Dated this 30th day of September, 19 96

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

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

*Robert R. Ernstmeyer* (SEAL)  
• Robert R. Ernstmeyer

*Beverly Ernstmeyer*  
• Beverly Ernstmeyer

AUTHENTICATION

Signature(s) \_\_\_\_\_

authenticated this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

TITLE: MEMBER STATE BAR OF WISCONSIN

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

THIS INSTRUMENT WAS DRAFTED BY

Attorney K. S. Stevens

Box 417, Reedsburg, WI 53959

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, } ss.

Sauk County,

Personally came before me this 30th day of September, 19 96

Robert R. Ernstmeyer and Beverly Ernstmeyer the above named

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

*Lavinda L. Carlson*  
• Lavinda L. Carlson  
Notary Public, Sauk County, Wis.

My commission is permanent. (If not, state expiration date: December 19, 1999)

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

Part of the Southwest Quarter of the Southwest Quarter of Section 34, Township 11 North, Range 2 East, Richland County, Wisconsin, described as follows:  
 Beginning at a point South 44 rods to center of State Highway No. 154 from the Northwest corner of the Southwest quarter of the Southwest quarter, thence North 23 1/2 rods to center of State Highway No. 58, thence North 25 degrees East 18 rods along center of State Highway No. 58, thence South 65 degrees East 2 rods, thence South 5 degrees West 25 rods & 15 links to center of State Highway No. 154, thence North 85 degrees West 2 rods along center of State Highway No. 154 to place of beginning; which above described parcel has now been resurveyed as held and is more properly described as follows:

Commencing at the Southwest corner of Section 34, T. 11 N., R. 2 E., Richland County, Wisconsin, thence North 613.85 feet and West 156.90 feet to the centerline of State Trunk Highway "58", at the intersection with S.T.H. "154", this being the point of beginning.

Thence S. 84° 52' 39" E., 203.96 feet along the centerline of S.T.H. "154";

Thence N. 14° 22' 07" E., 448.99 feet along existing fenceline to a 1" X 24" iron pipe;

Thence N. 11° 41' 35" E., 303.87 feet along said fenceline to a 1" X 24" iron pipe;

Thence N 84° 20' 38" W., 29.50 feet to the centerline of S.T.H. "58";

Thence S 15° 38' 10" W., 272.53 feet along said centerline;

Thence S 19° 26' 35" W., 83.37 feet along said centerline;

Thence S 24° 00' 43" W., 79.00 feet along said centerline;

Thence S 28° 41' 42" W., 93.36 feet along said centerline;

Thence S 33° 20' 37" W., 113.76 feet along said centerline;

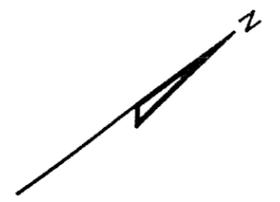
Thence S 39° 51' 42" W., 165.52 feet along said centerline to the point of beginning;

The above described parcel of land located partly in the Southeast quarter (SE 1/4) of the Southeast quarter (SE 1/4) of Section 33 and partly in the Southwest quarter (SW 1/4) of the Southwest quarter (SW 1/4) of Section 34, T. 11 N., R. 2 E., Willow Township, Richland County, Wisconsin, and being subject to roadway and utility easements on record.

LOUIS J. AND MARVELENE L. GRASSMAN

15+192.2	7.2	233.454
MID POINT		233.381
0"E"+915.912	4.5	233.308
15+231.7	7.2	233.325
MIDPOINT		233.260
0"E"+909.812	4.5	233.304

LOUIS J. AND MARVELENE L. GRASSMAN



STATION 15+215  
CONSTRUCT TYPE B1 INTERSECTION

0"E"+890.412 =  
15+215.000

STA. 15+280  
CONSTRUCT F.E. LT.

END PROJECT  
STA. 15+720

PLOT SCALE:

PLOT NAME:  
REV. DATE:

MATCH LINE  
STA. 15+200

15+240

15+280

15+320

15+360

15+400

15+440

15+480

15+520

15+560

15+600

15+640

15+680

15+720

15+760

15+800

15+840

15+880

15+920

15+960

15+1000

15+1040

15+1080

15+1120

15+1160

15+1200

PC 0"E"+937.659

STA. 15+345 RT.  
REMOVE (SIZE) 13.9 m CMP

PC 15+361.912

PT 15+541.907

STA. 15+604  
CONSTRUCT F.E. LT.

R/W

CATTLE WALKWAY  
SEE CROSS SECTIONS

STA. 15+406  
REMOVE 600m X 13.4m CMP

P.I. = 15+452.034  
Y 141 110.810  
X 216 929.870  
Δ = 7°21'59" LT.  
T. = 90.122 m  
L. = 179.995 m  
R. = 1 400.000  
P.C. = 15+361.912  
Y 141 048.345  
X 216 864.908  
P.T. = 15+541.907  
Y 141 181.088  
X 216 986.287  
S.E. = 3.30%  
R.O. = 37.333 m  
L. = 56 m  
T. = 90 m

P.I. = 15+794.780  
Y 141 378.282  
X 217 144.588  
Δ = 10°32'18" RT.  
T. = 107.371 m  
L. = 214.137 m  
R. = 1 164.250  
P.C. = 14115+687.409  
Y 141 294.553  
X 217 077.372  
P.T. = 15+901.545  
Y 141 448.307  
X 217 225.983  
S.E. = 3.79%  
R.O. = 37.333 m  
L. = 56 m  
T. = 85.46 m

PLAT OF SURVEY  
JUNE 10, 1985  
RICHARD E. CLEMENTS

P.I. = 0"E"+985.000  
Y 140 878.336  
X 216 824.571  
Δ = 41°29'11" LT.  
T. = 47.341 m  
L. = 90.509 m  
R. = 125.000 m  
P.C. = 0"E"+937.659  
Y 140 912.461  
X 216 791.758  
P.T. = 1"E"+028.168  
Y 140 874.510  
X 216 871.757

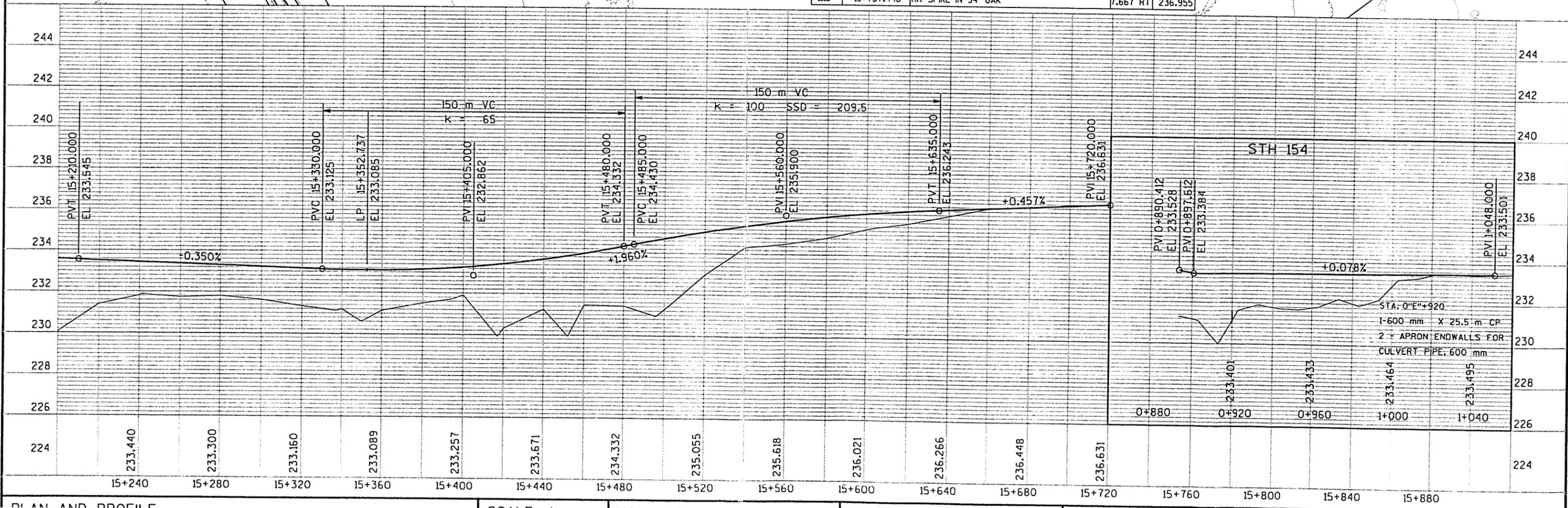
LOUIS J. AND MARVELENE L. GRASSMAN, VENDORS  
ADAM & ANN DURST, PURCHASER

LOUIS J. AND MARVELENE L. GRASSMAN, VENDORS  
ADAM & ANN DURST, PURCHASER

DAMON J. BRADLEY  
LORI A. BRADLEY

BENCH MARKS

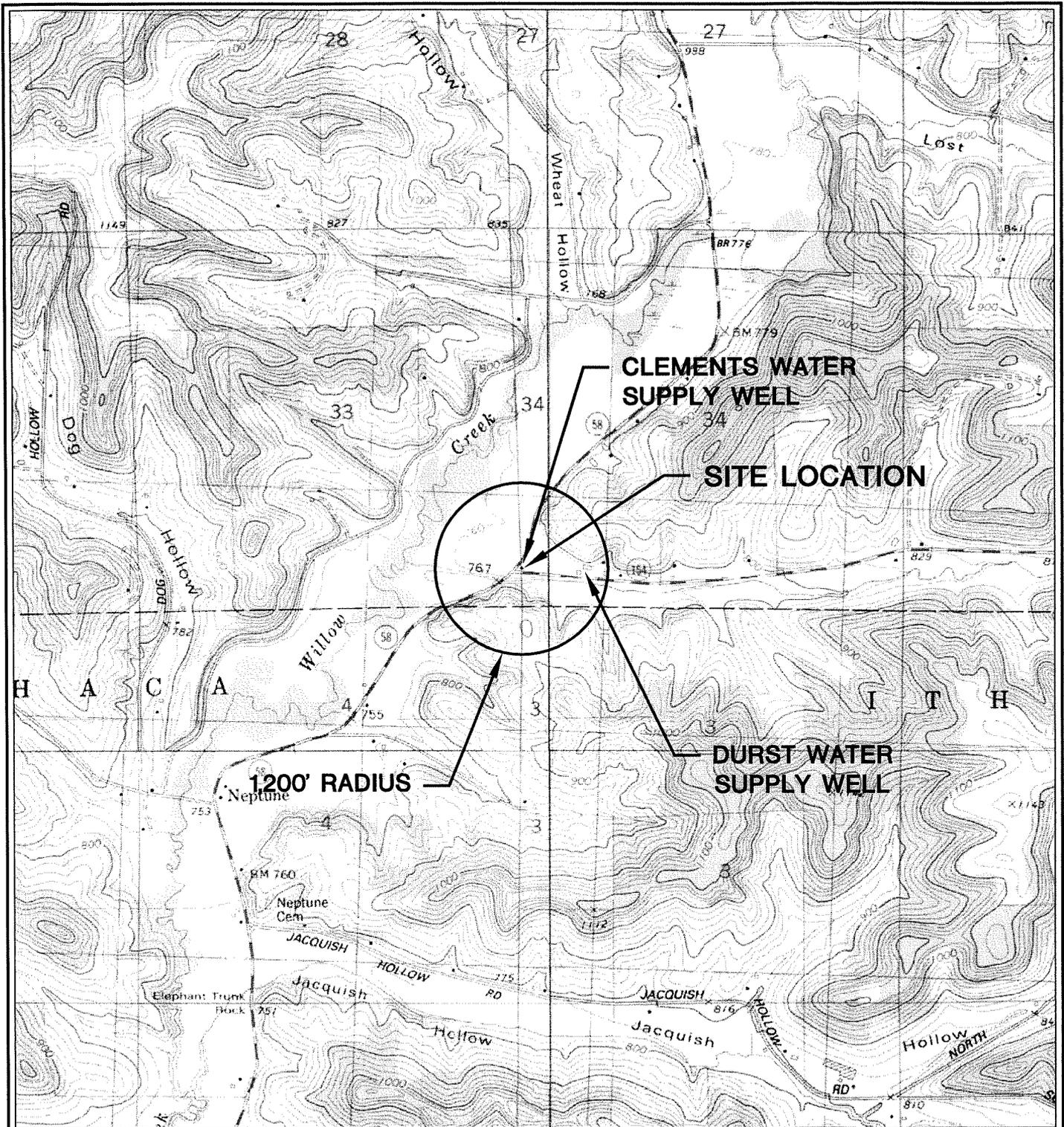
NO.	STATION	DESCRIPTION	OFFSET	ELEV.
1115	15+757.446	RR SPIKE IN 34" OAK	7.667 RT	236.955



ORIGINATOR:  
VELS ON

PLAN AND PROFILE

SCALE: 1" = 100'

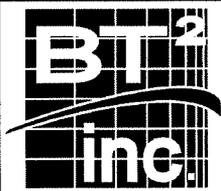


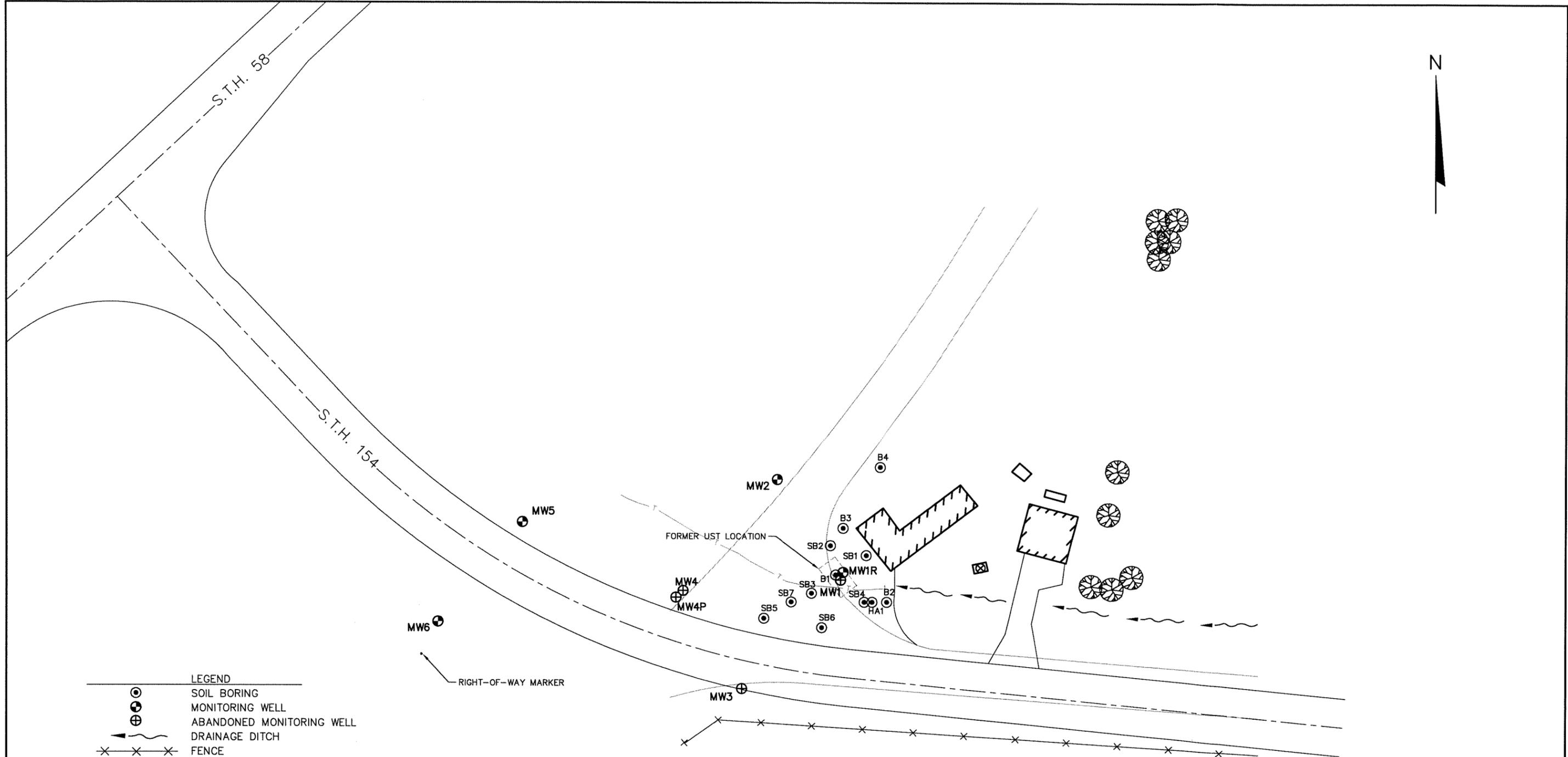
ROCKBRIDGE QUADRANGLE  
 WISCONSIN  
 7.5 MINUTE SERIES (TOPOGRAPHIC)  
 NE/4 RICHLAND CENTER 15' QUADRANGLE  
 1983  
 SCALE: 1" = 2,000'



PROJECT NO. 2037
DRAWN BY: KP
CHECKED BY: AW
APPROVED BY:
DRAWN: 11/09/01
REVISED: 10/05/04

FIGURE I-4  
 SITE LOCATION MAP  
 S.T.H. 58 / S.T.H. 154 INTERSECTION  
 WDOT PROJECT #5071-08-00  
 ITHACA-CAZENOVIA, WISCONSIN





LEGEND

-  SOIL BORING
-  MONITORING WELL
-  ABANDONED MONITORING WELL
-  DRAINAGE DITCH
-  FENCE
-  CLEMENTS SUPPLY WELL
-  BURIED TELEPHONE LINE

MW6  
RIGHT-OF-WAY MARKER

FORMER UST LOCATION

NOTE: MAP BASED UPON MSA PROFESSIONAL SERVICES  
DRAWING DATED OCTOBER 5, 2000.



SCALE: 1" = 50'

FIGURE I-5  
SITE MAP  
S.T.H. 58 / S.T.H. 154 INTERSECTION  
WDOT PROJECT #5071-08-00  
ITHACA-CAZENOVIA, WISCONSIN

PROJECT NO. 2037
DRAWN BY: CS/KP
CHECKED BY: AW
DRAWN: 07/03/01
REVISED: 10/05/04



I:\2037\Figures-General\figs\SITE-50.dwg, 10/5/2004 8:01:42 AM

**Table I-6**  
**Groundwater Analytical Results Summary**  
**STH 58 & STH 154 Intersection, Cazenovia, Wisconsin / BT<sup>2</sup> Project #2037B**  
 (Results are in µg/l)

Sample	Date	Lab Notes	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Lead	Other VOCs
MW1	06/21/01	--	7,200	640	400	140	3,200	860	<5.0	<1.2	Isopropylbenzene Methylene Chloride Naphthalene n-Propylbenzene
	10/11/01	(1)	NA	230	1,000	1,600	13,000	2,990	<12	<0.0012	Isopropylbenzene Methylene Chloride Naphthalene n-Propylbenzene
	10/11/01 (Dup)	(1)	NA	230	1,200	1,700	14,000	3,680	<12	NA	Isopropylbenzene Methylene Chloride Naphthalene n-Propylbenzene
	01/15/02	--	15,000 H	190	540	750	6,100	1720	<4.6 M	NA	Naphthalene
	1/15/02 (Dup)	--	16,000 H	200	530	760	6,100	1720	<4.0 M	NA	Naphthalene
	04/15/02	--	19,000	380	580	600	7,200	2070	<6.4	NA	Naphthalene
	08/22/03	--	702 G7	27.6	31.4	3.58	263.6	105.2	<1.50	NA	Naphthalene
	8/22/03 (Dup)	--	673 G7	26.3	29.7	3.35	252.5	101.4	<1.50	NA	Naphthalene
	11/18/03	--	154 G8	18.6	8.62	2.01	9.45	4.515 J	<0.3	NA	Naphthalene
	11/18/03 (Dup)	--	161 G8	19	9.05	2.25	10.36	5.076 J	<0.3	NA	Naphthalene
MW2	03/08/04	--	130	13	2.9	0.54	6.9	3.28	<0.23	NA	Naphthalene
	06/18/04	--	122	11.4	<5.0	<5.0	<5.0	<10.0	<0.511	NA	ND
	6/18/04 (Dup)	--	124	9.31	<5.0	<5.0	<5.0	<10.0	<0.511	NA	ND
	06/22/01	--	<50	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	<1.2	ND
	10/11/01	--	NA	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	<0.0012	Methylene Chloride
	01/15/02	--	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA	ND
	04/15/02	--	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA	ND
	08/22/03	--	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA	ND
	11/18/03	--	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA	ND
	03/08/04	--	<50	<0.25	<0.22	<0.11	<0.39	<0.44	<0.23	NA	ND
06/18/04	--	<50	<0.50	<5.0	<5.0	<5.0	<10.0	<0.511	NA	ND	

**Table I-6**  
**Groundwater Analytical Results Summary**  
**STH 58 & STH 154 Intersection, Cazenovia, Wisconsin / BT<sup>2</sup> Project #2037B**  
 (Results are in µg/l)

Sample	Date	Lab Notes	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Lead	Other VOCs
MW3	06/22/01	--	<50	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	<1.2	ND
	10/11/01	--	NA	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	<0.0012	Methylene Chloride 0.68 L
	01/15/02	--	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA	ND
	04/15/02	--	<50	0.14	<0.22	<0.20	0.87	0.31	<0.16	NA	ND
MW4	07/05/01	--	4,600	960	100	10	2,200	270	<6.2	<0.0012	Isopropylbenzene 19 Methylene Chloride 30 L Naphthalene 78 n-Propylbenzene 28
	10/11/01	--	NA	1,500	110	7	2,000	270	<6.2	<0.0012	Isopropylbenzene 22 Methylene Chloride 80 L Naphthalene 75 n-Propylbenzene 32 Naphthalene 79
MW4P	01/15/02	--	4,900	1,300	86	10	2,100	285	<1.6	NA	NA
	04/15/02	--	4,300	950	90	14	1,800	272	<6.4	NA	NA
	4/15/02 (Dup)	--	3,900	920	82	10	1,800	279	<6.4	NA	NA
	07/05/01	--	<50	0.28	<0.25	<0.10	0.86	<0.20	<0.25	<0.0012	ND
MW5	10/11/01	--	NA	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	<0.0012	Methylene Chloride 0.28 L
	01/15/02	--	<50	<0.13	<0.22	<0.20	0.34	<0.51	<0.16	NA	ND
	04/15/02	--	<50	<0.13	<0.22	<0.20	0.38	<0.51	<0.16	NA	ND
	08/22/03	(2)	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA	ND
MW6	11/18/03	(3)	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA	ND
	03/08/04	--	<50	<0.25	<0.22	<0.11	<0.39	<0.44	<0.23	NA	ND
	06/18/04	--	<50	<0.50	<5.0	<5.0	<5.0	<10.0	<0.511	NA	ND
	08/22/03	(2)	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA	ND
Clements Well	11/18/03	(3)	<50	<0.31	<0.5	0.333 J	<0.92	<0.71	<0.3	NA	ND
	03/08/04	--	<50	<0.25	<0.22	<0.11	0.62	<0.44	<0.23	NA	ND
	06/18/04	--	<50	<0.50	<5.0	<5.0	<5.0	<10.0	<0.511	NA	ND
	10/11/01	--	NA	<0.13	<0.17	<0.12	<0.64	<0.55	<0.24	NA	Methylene Chloride 0.87
	01/15/02	--	NA	<0.13	<0.17	<0.12	<0.64	<0.55	<0.24	NA	Methylene Chloride 0.57 Trichloroethene 0.88

**Table I-6**  
**Groundwater Analytical Results Summary**  
**STH 58 & STH 154 Intersection, Cazenovia, Wisconsin / BT<sup>2</sup> Project #2037B**  
 (Results are in µg/l)

Sample	Date	Lab Notes	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Lead	Other VOCs
Spring	04/15/02	--	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA	ND
Rinstate Blank	04/15/02	--	<50	0.15	<0.22	0.46	0.55	<0.51	<0.16	NA	Naphthalene 0.69
Trip Blank	06/22/01	--	NA	<0.10	<0.25	0.19	<0.25	<0.20	<0.25	NA	Methylene Chloride <b>5.1</b>
	07/05/01	--	NA	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	NA	ND
	10/11/01	--	NA	<0.10	<0.25	<0.10	<0.25	<0.20	<0.25	NA	Methylene Chloride <i>2.0 L</i>
	01/15/02	--	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA	ND
	04/15/02	--	<50	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NA	ND
	11/18/03	(3)	<50	<0.31	<0.5	<0.3	<0.92	<0.71	<0.3	NA	ND
	06/18/04	--	<50	<0.50	<5.0	<5.0	<5.0	<10.0	<0.511	NA	ND
	10/11/01	--	NA	<0.13	<0.17	<0.12	<0.64	<0.55	<0.24	NA	Methylene Chloride 2.5
01/15/02	--	NA	<0.13	<0.17	<0.12	<0.64	<0.55	<0.24	NA	Methylene Chloride 1.3	
NR 140 Enforcement Standards			NE	5	700	1,000	10,000	480	60	15	Methylene Chloride 5 Naphthalene 40 Trichloroethene 5
NR 140 Preventive Action Limits			NE	0.5	140	200	1,000	96	12	1.5	Methylene Chloride 0.5 Naphthalene 8 Trichloroethene 0.5

**ABBREVIATIONS:**

µg/l = micrograms per liter or parts per billion (ppb)

MTBE = Methyl-tert-butyl ether

NA = Not Analyzed

-- = Not Applicable

**NOTES:**

**Bold** values equal or exceed NR 140 enforcement standards.

*Italic* values equal or exceed NR 140 preventive action limits.

Monitoring wells used analytical method 8260 B.

GRO = Gasoline Range Organics

VOCs = Volatile Organic Compounds

NE = No Standard Established

TMBs = 1,2,4- and 1,3,5-trimethylbenzenes

ND = Not Detected

(Dup) = Duplicate

**Table I-6**  
**Groundwater Analytical Results Summary**  
**STH 58 & STH 154 Intersection, Cazenovia, Wisconsin / BT<sup>2</sup> Project #2037B**

LABORATORY NOTES:

G7 = GRO Analysis - The chromatogram is characteristic for aged gasoline, however, either additional peaks are present or P VOC peaks are not proportional to aged gasoline indicating the presence of additional compounds.

G8 = The chromatogram is characteristic for aged gasoline, however either additional peaks are present or P VOC peaks are not proportional to aged gasoline indicating the presence of additional compounds.

H = Late eluting hydrocarbons present.

J = Estimated concentration below laboratory quantitation level.

L = Common lab solvent and contaminant

M = Matrix interference.

(1) Trifluoromethane and vinyl chloride - Standard outside of control limits.

(2) N-Butylbenzene, chloromethane, naphthalene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, and 1,2,4-trimethylbenzene Analysis - Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

(3) Naphthalene Analysis - Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

Created by:           SMS 9/10/03; JSP 10/01/04          

Checked by:           Initials and date

N

DATE	GRO	B	E	T	X	N
07/05/01	4,600	<b>960</b>	100	10	2,200	18
10/11/01	NA	<b>1,500</b>	110	6.8	2,000	15
01/15/02	4,900	<b>1,300</b>	86	10	2,100	19
04/15/02	4,300	<b>950</b>	90	14	1,800	<b>65</b>

DATE	GRO	B	E	T	X	N
06/22/01	<50	<0.10	<0.25	<0.10	<0.25	ND
10/11/01	NA	<0.10	<0.25	<0.10	<0.25	ND
01/15/02	<50	<0.13	<0.22	<0.20	<0.23	ND
04/15/02	<50	<0.13	<0.22	<0.20	<0.23	ND
08/22/03	<50	<0.31	<0.50	<0.3	<0.92	ND
11/18/03	<50	<0.31	<0.50	<0.3	<0.92	ND
03/08/04	<50	<0.25	<0.22	<0.11	<0.39	ND
06/18/04	<50	<0.50	<5.0	<5.0	<5.0	ND

DATE	GRO	B	E	T	X	N
08/22/03	<50	<0.31	<0.50	<0.3	<0.92	ND
11/18/03	<50	<0.31	<0.50	<0.3	<0.92	ND
03/08/04	<50	<0.25	<0.22	<0.11	<0.39	ND
06/18/04	<50	<0.50	<5.0	<5.0	<5.0	ND

DATE	GRO	B	E	T	X	N
08/22/03	702	<b>27.6</b>	31.4	3.58	263.6	12.6
11/18/03	154	<b>18.6</b>	8.62	2.01	9.45	0.966
03/08/04	130	<b>13</b>	2.9	0.54	6.9	2.4
06/18/04	122	<b>11.4</b>	<5.0	<5.0	<5.0	ND

DATE	GRO	B	E	T	X	N
08/22/03	<50	<0.31	<0.50	<0.3	<0.92	ND
11/18/03	<50	<0.31	<0.50	0.333	<0.92	ND
03/08/04	<50	<0.25	<0.22	<0.11	0.62	ND
06/18/04	<50	<0.50	<5.0	<5.0	<5.0	ND

LEGEND

- MONITORING WELL
- ABANDONED MONITORING WELL
- DRAINAGE DITCH
- FENCE
- CLEMENTS SUPPLY WELL
- BURIED TELEPHONE LINE
- GRO GASOLINE RANGE ORGANICS (ug/l)
- B BENZENE (ug/l)
- E ETHYLBENZENE (ug/l)
- T TOLUENE (ug/l)
- X XYLENES (ug/l)
- N NAPHTHALENE (ug/l)
- ND NOT DETECTED

DATE	GRO	B	E	T	X	N
07/05/01	<50	0.28	<0.25	<0.10	0.86	ND
10/11/01	NA	<0.10	<0.25	<0.10	<0.25	ND
01/15/02	<50	<0.13	<0.22	<0.20	0.34	ND
04/15/02	<50	<0.13	<0.22	<0.20	0.38	ND

DATE	GRO	B	E	T	X	N
06/21/01	7,200	<b>640</b>	400	140	3,200	<b>83</b>
10/11/01	NA	<b>230</b>	<b>1,000</b>	<b>1,600</b>	<b>13,000</b>	<b>490</b>
01/15/02	15,000	<b>190</b>	540	750	6,100	<b>210</b>
04/15/02	19,000	<b>380</b>	580	600	7,200	<b>290</b>

DATE	GRO	B	E	T	X	N
06/22/01	<50	<0.10	<0.25	<0.10	<0.25	ND
10/11/01	NA	<0.10	<0.25	<0.10	<0.25	ND
01/15/02	<50	<0.13	<0.22	<0.20	<0.23	ND
04/15/02	<50	0.14	<0.22	<0.20	0.87	ND

- NOTES:
- MAP BASED UPON MSA PROFESSIONAL SERVICES DRAWING DATED OCTOBER 5, 2000.
  - RESULTS SHOWN IN BOLD EXCEED NR 140 ENFORCEMENT STANDARDS.

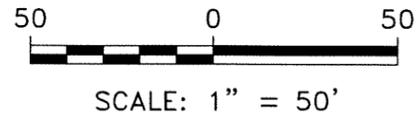


FIGURE I-7  
GROUNDWATER ANALYTICAL RESULTS MAP  
S.T.H. 58 / S.T.H. 154 INTERSECTION  
WDOT PROJECT #5071-08-00  
ITHACA-CAZENOVIA, WISCONSIN

PROJECT NO. 2037
DRAWN BY: KP
CHECKED BY: AW
DRAWN: 11/06/01
REVISED: 02/25/05



**Table I-8**  
**Water Level Summary**  
**STH 58 & 154**  
**Richland County, Wisconsin / Project #2037B**

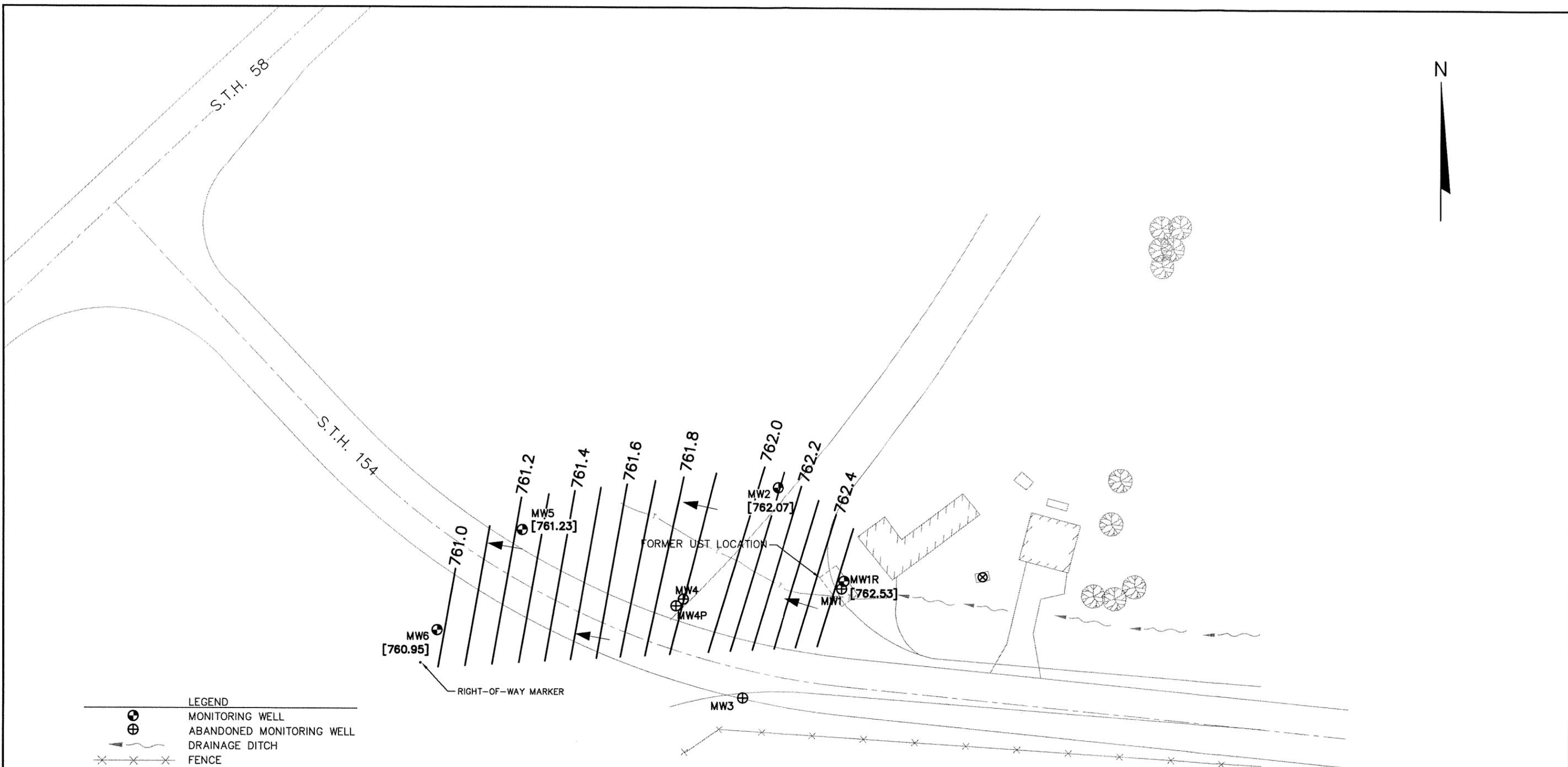
Raw Data Measurement Date	Depth to Water in feet below top of well casing							
	MW1	MW1R	MW2	MW3	MW4	MW5	MW6	MW4P
22-Aug-01	3.03	NM	2.47	4.05	2.67	NM	NM	2.59
11-Oct-01	3.18	NM	2.98	4.28	3.13	NM	NM	2.90
15-Jan-02	3.63	NM	3.23	4.87	3.49	NM	NM	3.16
15-Apr-02	2.80	NM	2.55	3.88	2.75	NM	NM	2.52
22-Aug-03	NM	3.40	2.06	NM	NM	2.61	3.06	NM
18-Nov-03	NM	2.21	1.60	NM	NM	2.15	2.41	NM
08-Mar-04	NM	1.96	1.60	NM	NM	2.18	2.35	NM
18-Jun-04	NM	1.88	1.20	NM	NM	1.82	2.17	NM

Well Number Top of Casing Elevation (feet amsl) Measurement Date	Ground Water Elevation in feet above mean sea level (amsl)							
	MW1	MW1R	MW2	MW3	MW4	MW5	MW6	MW4P
22-Aug-01	764.47	764.49	763.67	765.27	763.58	763.41	763.30	763.46
11-Oct-01	761.44	NM	761.20	761.22	760.91	NM	NM	760.87
15-Jan-02	761.29	NM	760.69	760.99	760.45	NM	NM	760.56
15-Apr-02	760.84	NM	760.44	760.40	760.09	NM	NM	760.30
22-Aug-03	761.67	NM	761.12	761.39	760.83	NM	NM	760.94
18-Nov-03	NM	761.09	761.61	NM	NM	760.80	760.24	NM
08-Mar-04	NM	762.28	762.07	NM	NM	761.26	760.89	NM
18-Jun-04	NM	762.53	762.07	NM	NM	761.23	760.95	NM
		762.61	762.47	NM	NM	761.59	761.13	NM

**ABBREVIATIONS:**

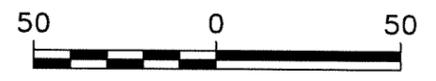
NM = not measured

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- LEGEND**
- MONITORING WELL
  - ABANDONED MONITORING WELL
  - DRAINAGE DITCH
  - FENCE
  - CLEMENTS SUPPLY WELL
  - BURIED TELEPHONE LINE
  - WATER TABLE ELEVATION MEASURED ON 03/08/04
  - WATER TABLE CONTOUR
  - APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTE: MAP BASED UPON MSA PROFESSIONAL SERVICES  
DRAWING DATED OCTOBER 5, 2000.



SCALE: 1" = 50'

FIGURE I-9  
WATER TABLE MAP FOR MARCH 8, 2004  
S.T.H. 58 / S.T.H. 154 INTERSECTION  
WDOT PROJECT #5071-08-00  
ITHACA-CAZENOVIA, WISCONSIN

PROJECT NO.	2037
DRAWN BY:	KP
CHECKED BY:	AW
APPROVED BY:	
DRAWN:	03/23/04
REVISED:	10/05/04

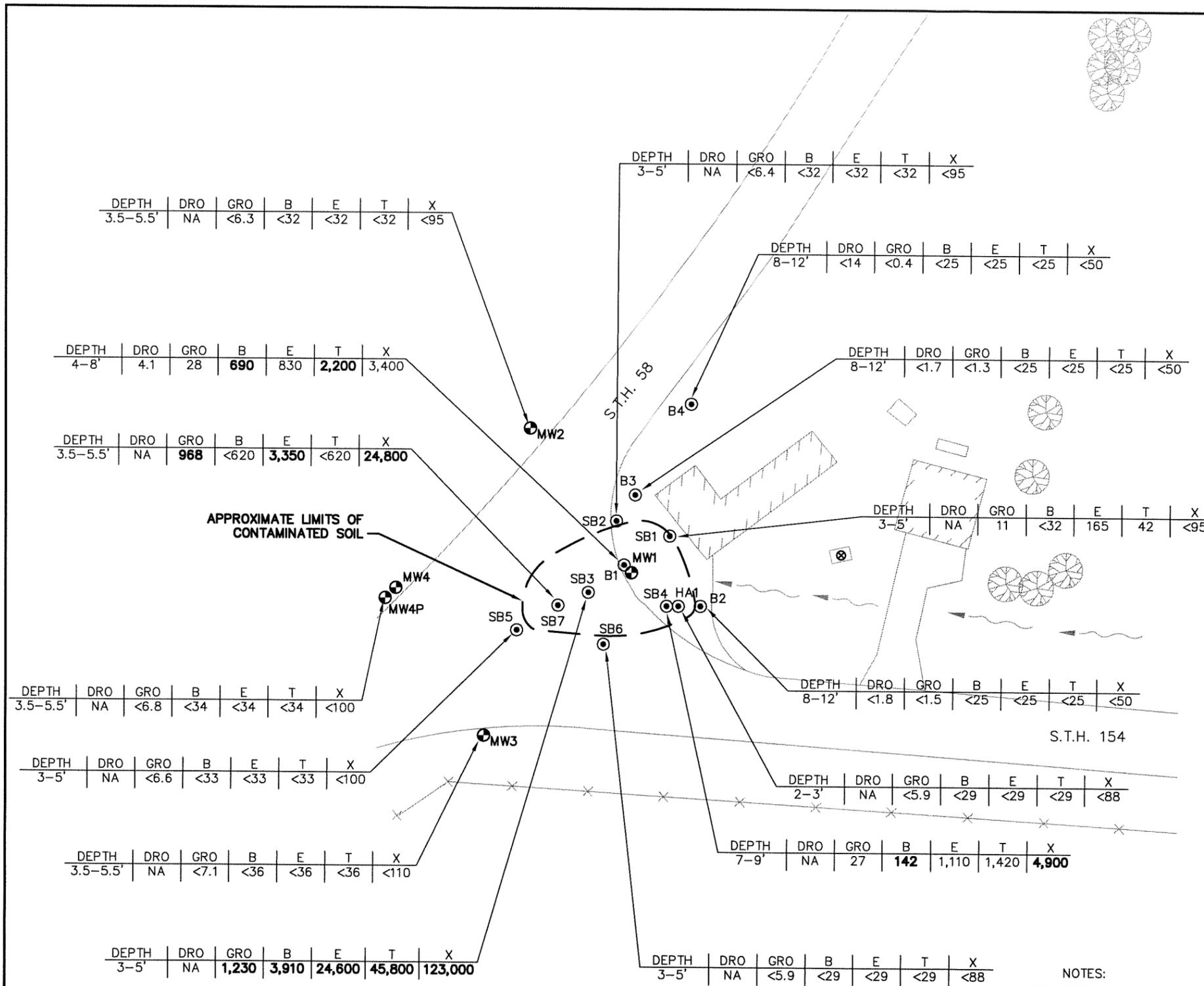
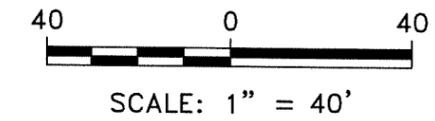




LEGEND

- ⊙ SOIL BORING
- ⊕ MONITORING WELL
- ~ DRAINAGE DITCH
- × × × FENCE
- ⊗ CLEMENTS SUPPLY WELL

DRO DIESEL RANGE ORGANICS (mg/kg)  
 GRO GASOLINE RANGE ORGANICS (mg/kg)  
 B BENZENE (ug/kg)  
 E ETHYLBENZENE (ug/kg)  
 T TOLUENE (ug/kg)  
 X XYLENES (ug/kg)  
 NA NOT ANALYZED

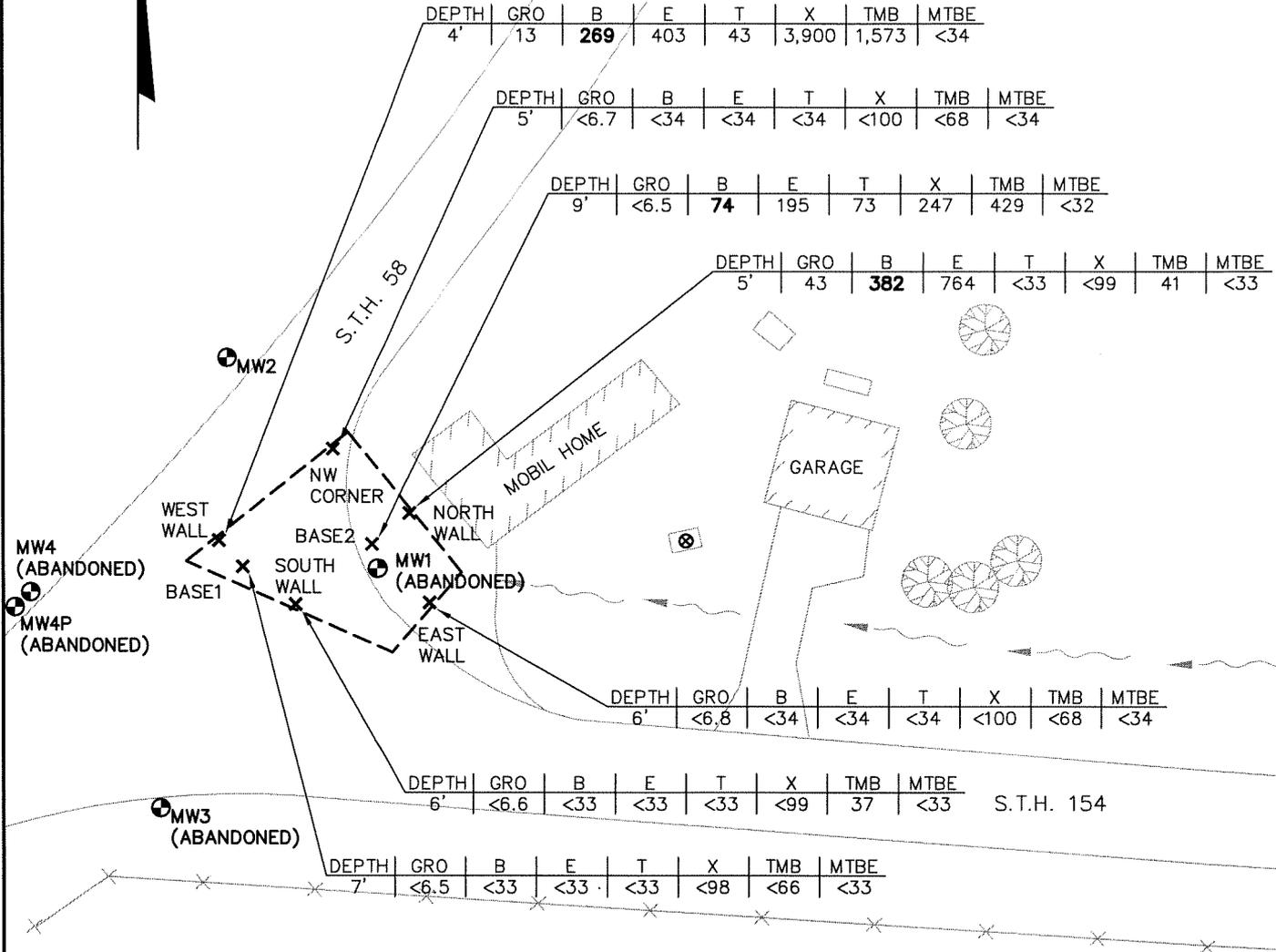


- NOTES:
1. MAP BASED UPON MSA PROFESSIONAL SERVICES DRAWING DATED OCTOBER 5, 2000.
  2. RESULTS SHOWN IN BOLD EXCEED NR 720 GENERIC SOIL CLEANUP STANDARDS.

FIGURE I-10A  
 SOIL ANALYTICAL RESULTS MAP  
 S.T.H. 58 / S.T.H. 154 INTERSECTION  
 WDOT PROJECT #5071-08-00  
 ITHACA-CAZENOVIA, WISCONSIN

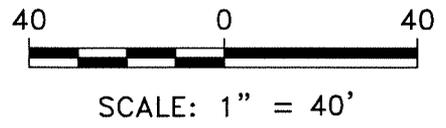
PROJECT NO. 2037	
DRAWN BY: KP	
CHECKED BY: AW	
DRAWN: 11/06/01	
REVISED: 10/05/04	

N



**LEGEND**

- MONITORING WELL
- DRAINAGE DITCH
- FENCE
- PRIVATE SUPPLY WELL
- LIMITS OF EXCAVATION
- EXCAVATION SOIL SAMPLE
- GRO GASOLINE RANGE ORGANICS (mg/kg)
- B BENZENE (µg/kg)
- E ETHYLBENZENE (µg/kg)
- T TOLUENE (µg/kg)
- X XYLENES (µg/kg)
- TMB TRIMETHYLBENZENES (µg/kg)
- MTBE METHYL-TERT-BUTYL EHTER (µg/kg)

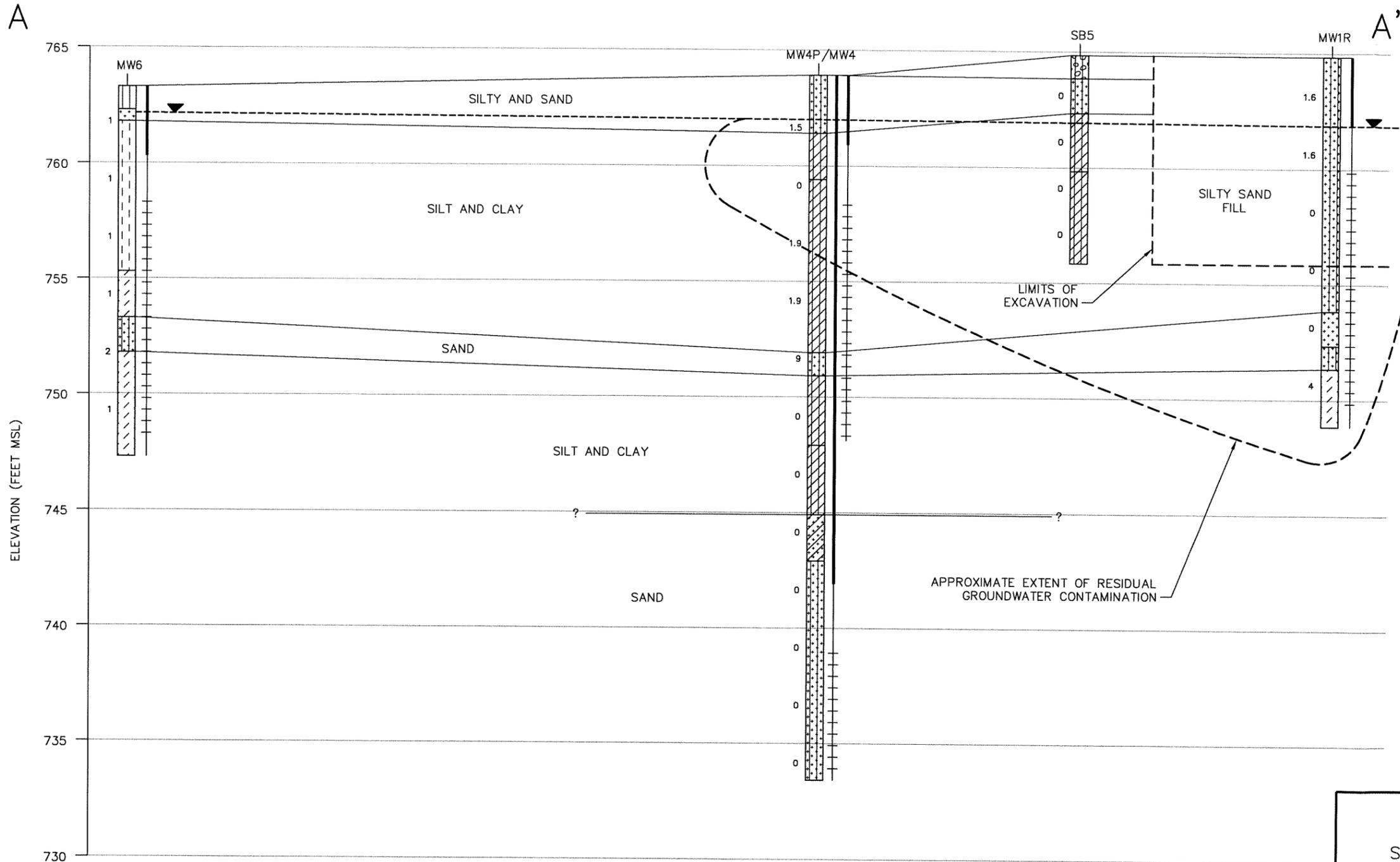


- NOTES:**
1. MAP BASED UPON MSA PROFESSIONAL SERVICES DRAWING DATED OCTOBER 5, 2000.
  2. BOLD VALUES EXCEED NR 720 RCLs.

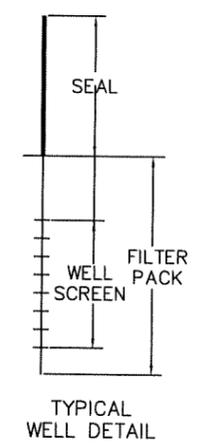
PROJECT NO.	2037
DRAWN BY:	CS/KP
CHECKED BY:	AW
DRAWN:	04/16/03
REVISED:	10/05/04

FIGURE I-10B  
SITE MAP  
S.T.H. 58 / S.T.H. 154 INTERSECTION  
WDOT PROJECT #5071-08-00  
ITHACA-CAZENOVIA, WISCONSIN





- LEGEND
- SAND, POORLY GRADED, LITTLE OR NO FINES (SP).
  - LEAN CLAY, LOW PLASTICITY (CL).
  - SILTY SAND (SM).
  - SILTY GRAVEL (GM).
  - SAND, POORLY GRADED WITH SILT FINES (SP-SM).
  - SILTY CLAY (ML-CL).
  - ORGANIC SILT OR CLAY, LOW PLASTICITY (OL).
  - FAT CLAY, HIGH PLASTICITY (CH).
  - WATER TABLE ELEVATION MEASURED ON 06/18/04
  - 25 FLAME IONIZATION DETECTOR READING



0 20  
 HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 5'  
 VERTICAL EXAGGERATION = 4X

FIGURE I-11  
 GEOLOGIC CROSS SECTION A-A'  
 S.T.H. 58 / S.T.H. 154 INTERSECTION  
 WDOT PROJECT #5071-08-00  
 ITHACA-CAZENOVIA, WISCONSIN

PROJECT NO. 2037
DRAWN BY: KP
CHECKED BY: AW
APPROVED BY:
DRAWN: 11/06/01
REVISED: 10/05/04

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**Table C-1**  
**Site Investigation Soil Analytical Results Summary**  
**STH 58 & 154 Intersection, Cazenovia, Wisconsin / Project #2037B**  
 (Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Lead (mg/kg)
HA1	06/22/01	2-3	--	<5.9	<29	<29	<29	<88	<29	<29	<29	<4.7
MW1R S6	08/08/03	12	--	6.78 G8	147	511	102	2,496	731	176	<25	5.92
MW2	06/22/01	3.5-5.5	--	<6.3	<32	<32	<32	<95	<32	<32	<32	9.5
MW3	06/22/01	3.5-5.5	--	<7.1	<36	<36	<36	<110	<36	<36	<36	10
MW4P	07/05/01	3.5-5.5	--	<6.8	<34	<34	<34	<100	<34	<34	<34	10
MW5 S3	08/08/03	6	--	<7.14	<25	<25	<25	<50	<25	<25	<25	8.33
MW6 S5	08/13/03		--	<6.35	<25	<25	<25	<50	<25	<25	<25	5.48
SB1	06/20/01	3-5	--	11	<32	165	42	<95	41	<32	<32	8.7
SB2	06/20/01	3-5	--	<6.4	<32	<32	<32	<95	<32	39	<32	9.7
SB3	06/20/01	3-5	--	1,230	3,910	24,600	45,800	123,000	61,500	21,200	<1,340	23
SB4	06/20/01	7-9	--	27	142	1,110	1,420	4,900	1,680	452	<32	13
SB5	06/22/01	3-5	--	<6.6	<33	<33	<33	<100	<33	<33	<33	11
SB6	06/22/01	3-5	--	<5.9	<29	<29	<29	<88	<29	<29	<29	7.8
SB7	07/05/01	3.5-5.5	--	968 H	<620	3,350	<620	24,800	44,700	13,600	<620	27
Field Blank	06/22/01	--	--	NA	<25	<25	<25	<75	<25	<25	<25	NA
	07/05/01			NA	<25	<25	<25	<75	<25	<25	<25	NA
	08/08/03	--	--	<2.5	<25	<25	<25	<50	<25	<25	<25	NA
MEOH Blank	08/13/03	--	--	<2.5	<25	<25	<25	<50	<25	<25	<25	NA
NR 720 Residual Contaminant Level (RCL)				100	5.5	2,900	1,500	4,100	NE	NE	NE	50
NR 746 Table 1				NE	8,500	4,600	38,000	42,000	83,000	11,000	NE	NE
NR 746 Table 2				NE	1,100	NE	NE	NE	NE	NE	NE	NE

**ABBREVIATIONS:**

µg/kg = micrograms per kilogram or parts per billion (ppb)  
 GRO = Gasoline Range Organics  
 MTBE = Methyl-tert-butyl ether  
 NA = Not Analyzed

mg/kg - milligrams per kilogram or parts per million (ppm)  
 TMB = Trimethylbenzene  
 NE = Not Established

**Table D-2**  
**Soil Excavation Analytical Results Summary**  
**STH 58 & STH 154 Intersection, Cazenovia, Wisconsin / Project #2037B**  
(Results are in µg/kg, except where noted otherwise)

Sample	Date	Depth (feet)	Lab Notes	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Lead (mg/kg)
Base 1	05/08/02	7	--	<6.5	<33	<33	<33	<98	<33	<33	<33	NA
Base 2	05/09/02	9	--	<6.5	74	195	73	247	234	195	<32	NA
NW Corner	05/09/02	5	--	<6.7	<34	<34	<34	<100	<34	<34	<34	NA
East Wall	05/08/02	6	--	<6.8	<34	<34	<34	<100	<34	<34	<34	NA
West Wall	05/08/02	4	--	13	269	403	43	3,900	1,210	363	<34	NA
North Wall	05/09/02	5	--	43	382	764	<33	<99	41	<33	<33	NA
South Wall	05/08/02	6	--	<6.6	<33	<33	<33	<99	37	<33	<33	NA
MeOH Blank	05/09/02	--	--	<5.0	<25	<25	<25	<75	<25	<25	<25	NA
NR 720 Residual Contaminant Level (RCL)				100	5.5	2,900	1,500	4,100	NE	NE	NE	50
NR 746 Table 1				NE	8,500	4,600	38,000	42,000	83,000	11,000	NE	NE
NR 746 Table 2				NE	1,100	NE	NE	NE	NE	NE	NE	NE

**ABBREVIATIONS:**

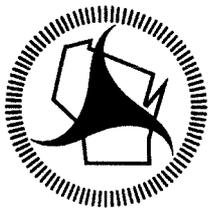
µg/kg = micrograms per kilogram or parts per billion (ppb)      mg/kg - milligrams per kilogram or parts per million (ppm)  
GRO = Gasoline Range Organics      TMB = Trimethylbenzene  
MTBE = Methyl-tert-butyl ether      NE = Not Established  
NA = Not Analyzed

**NOTES:**

**Bold** values exceed NR 720 RCLs.  
NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.  
NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.  
NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.

**LABORATORY NOTES:**

None



## Wisconsin Department of Transportation

www.dot.wisconsin.gov

Jim Doyle  
Governor

Frank J. Busalacchi  
Secretary

### DIVISION OF TRANSPORTATION DISTRICTS District 5

3550 Mormon Coulee Road  
La Crosse WI 54601-6767

Telephone: (608) 785-9022  
Facsimile (FAX): (608) 785-9969  
E-Mail: LACROSSE.DTD@DOT.STATE.WI.US

February 17, 2005

To: Wisconsin Department of Natural Resources

Subject: Statement that all Legal Descriptions for Properties within the  
Contaminated Site Boundaries have been Included  
WisDOT STH 58 & STH 154  
Petroleum Underground Storage Tank Site  
Former Northeast Quadrant of Intersection, Richland County, WI  
BRRTS # 03-53-272306  
BT<sup>2</sup> Project #2037

To Whom it May Concern:

To the best of my knowledge, I believe that with the submittal of the attached property information the legal description for each property within, or partially within the contaminated site boundary has been included with the closure request.

The attached property information includes:

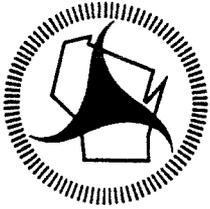
- Deed for right-of-way property located along STH 154 corridor.
- Deed for off-source property located at 30970 STH 154.
- Legal descriptions of parcels referenced in above deeds.

If you need additional information, please contact me at (608) 785-9945.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer Fredrickson".

Jennifer Fredrickson  
WisDOT District 5 Environmental Coordinator



## Wisconsin Department of Transportation

www.dot.wisconsin.gov

Jim Doyle  
Governor

Frank J. Busalacchi  
Secretary

**DIVISION OF TRANSPORTATION DISTRICTS  
District 5**  
3550 Mormon Coulee Road  
La Crosse WI 54601-6767

Telephone: (608) 785-9022  
Facsimile (FAX): (608) 785-9969  
E-Mail: LACROSSE.DTD@DOT.STATE.WI.US

February 17, 2005

Mr. Richard Clements  
701 W Seminary St. #1  
Richland Center, WI 53581

**SUBJECT: Impacts to Groundwater from WisDOT STH 58 & STH 154 Site**

Dear Mr. Clements:

Groundwater contamination that appears to have originated on the property located at the former intersection of State Trunk Highway (STH) 58 and STH 154 has migrated onto your property at 30970 STH 154. The levels of benzene contamination in the groundwater on your property are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, the environmental consultants who have investigated this contamination have informed me that this groundwater contaminant plume is stable or receding and will naturally degrade over time. I believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726, Wisconsin Administrative Code, and I will be requesting that the Department of Natural Resources accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of section 292.13, Wisconsin Statutes, you may call 1-800-367-6076 for calls originating in Wisconsin, or 608-264-6020 if you are calling from out of state or within the Madison area, to obtain a copy of the Department of Natural Resources' publication #RR-589, Fact Sheet 10: "Guidance for dealing with Properties Affected by Off-Site Contamination."

The Department of Natural Resources will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the Department to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the Department of Natural Resources that is relevant to this closure request, you should mail that information to: Mr. Randy Maass, South Central Region, 3911 Fish Hatchery Road, Fitchburg, Wisconsin 53711.

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

Vision: Dedicated people creating transportation solutions through innovation and exceptional service.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call the Diggers Hotline (1-800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards.

Once the Department makes a decision on my closure request, it will be documented in a letter. If the Department grants closure, you may obtain a copy of this letter requesting a copy from me, by writing to the agency address given above or by accessing the DNR GIS Registry of Closed Remediation Sites on the Internet at [www.dnr.state.wi.us/org/at/et/geo/gwur](http://www.dnr.state.wi.us/org/at/et/geo/gwur). A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at 350 Mormon Coulee Road, La Crosse, Wisconsin 54602, (608) 785-9945 or you may contact Mr. Randy Maass at 3911 Fish Hatchery Road, Fitchburg, Wisconsin 53711, (608) 275-3224.

Sincerely,



Jennifer Fredrickson  
District 5 Environmental Coordinator  
Wisconsin Department of Transportation

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**From:** "TeBeest, Sharlene" <sharlene.tebeest@dot.state.wi.us>  
**To:** "Aaron Walters" <awalters@bt2inc.com>  
**Date:** 3/15/2005 6:27:22 PM  
**Subject:** RE: Notification of Contamination within Right of Way

Thanks Aaron.

WisDOT has received the notification for the NEQ of STH 58 and STH 154 intersection in Neptune, WI . Please keep a copy of this e-mail for your file. It is the only confirmation you will receive.

Shar  
Shar Te Beest  
Hazardous Materials Specialist /District 1 Liaison  
Wisconsin Department of Transportation  
Bureau of Equity and Environmental Services  
Phone (608) 266-1476; Fax (608) 266-7818;  
Cell (608) 692-4546  
e-mail: sharlene.tebeest@dot.state.wi.us  
<mailto:sharlene.tebeest@dot.state.wi.us>

-----Original Message-----

From: Aaron Walters [mailto:awalters@bt2inc.com]  
Sent: Tuesday, March 15, 2005 6:16 PM  
To: sharlene.tebeest@dot.state.wi.us  
Subject: Notification of Contamination within Right of Way

County: Richland  
Highway: STH 154  
Site Name: WisDOT STH 58 and STH 154  
Site Address: Former northeast quadrant of STH 58 and STH 154  
BRRS Number: 03-53-272306  
PECFA Number: None  
DNR FID Number: none listed  
Owner's Name: WisDOT Transportation District 5  
Owner's Address: 3550 Mormon Coulee Road, La Crosse, WI 54602  
Consulting Firm: BT Squared  
Consultant Contact: Betty Socha  
Consultant Address: 2830 Dairy Drive, Madison, WI 53718  
Consultant Phone: 608.224.2830  
Fax: 608.224.2839  
E-mail: bsocha@bt2inc.com  
Soil contamination?: no  
Groundwater contamination? yes  
Depth to water table: ~2 feet  
Description of the type(s) of contamination present: leaded gasoline  
Brief summary of cleanup activity: removed 2 USTs, soil excavation, groundwater monitoring for natural attenuation

Attachment with a current plume map for groundwater contamination.

**Off-Source Properties With Residual Groundwater Contamination Greater than NR 140 ES**

30970 STH 154

Township of Willow, WI

Owner: Mr. Richard E. Clements

701 Seminary Street

Richland Center, WI 53581