

**GIS REGISTRY INFORMATION**

<b>SITE NAME:</b>	Malcomson Property			
<b>BRRTS #:</b>	03-43-278572	<b>FID # (if appropriate):</b>		
<b>COMMERCE # (if appropriate):</b>				
<b>CLOSURE DATE:</b>	01/05/2006			
<b>STREET ADDRESS:</b>	215 Monroe Street			
<b>CITY:</b>	Oconto Falls			
<b>SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):</b>	X=	666775	Y= 491148	
<b>CONTAMINATED MEDIA:</b>	Groundwater <input type="checkbox"/>	Soil <input type="checkbox"/>	Both <input checked="" type="checkbox"/>	
<b>OFF-SOURCE GW CONTAMINATION &gt;ES:</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
<b>IF YES, STREET ADDRESS 1:</b>				
<b>GPS COORDINATES (meters in WTM91 projection):</b>	X=		Y=	
<b>OFF-SOURCE SOIL CONTAMINATION &gt;Generic or Site-Specific RCL (SSRCL):</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
<b>IF YES, STREET ADDRESS 1:</b>				
<b>GPS COORDINATES (meters in WTM91 projection):</b>	X=		Y=	
<b>CONTAMINATION IN RIGHT OF WAY:</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
<b>DOCUMENTS NEEDED:</b>				
<b>Closure Letter, and any conditional closure letter issued</b>				x
<b>Copy of most recent deed, including legal description, for all affected properties</b>				x
<b>Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties</b>				x
<b>County Parcel ID number, if used for county, for all affected properties</b>				x
<b>Location Map</b> 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
<b>Detailed Site Map(s) for all affected properties</b> , 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
<b>Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)</b>				x
<b>Tables of Latest Soil Analytical Results (no shading or cross-hatching)</b>				x
<b>Isoconcentration map(s), if required for site investigation (SI)</b> (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
<b>GW: Table of water level elevations, with sampling dates, and free product noted if present</b>				x
<b>GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)</b>				x
<b>SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour</b>				x
<b>Geologic cross-sections, if required for SI.</b> (8.5x14" if paper copy)				NA
<b>RP certified statement that legal descriptions are complete and accurate</b>				x
<b>Copies of off-source notification letters (if applicable)</b>				NA
<b>Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)</b>				NA
<b>Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure</b>				NA



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters  
2984 Shawano Ave., P.O. Box 10448  
Green Bay, Wisconsin 54307-0448  
Telephone 920-662-5100  
FAX 920-662-5413  
TTY Access via relay - 711

January 5, 2006

Mr. Charles Grady, Jr.  
Oconto Falls Municipal Utilities  
P.O. Box 70  
Oconto Falls, WI 54154-0070

SUBJECT: Final Case Closure by Project Manager with Conditions Met  
Malcomson Property, 215 Monroe Street, Oconto Falls, WI  
WDNR BRRTS Activity #: 03-43-278572

Dear Mr. Grady:

On September 30, 2005, your site as described above was reviewed for closure by the Department of Natural Resources. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On October 3, 2005, you were notified that conditional closure was granted to this case.

On January 4, 2006, the Department received correspondence indicating that you have complied with the conditions of closure. 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. **Please be aware that you are required to follow through with the annual sampling of groundwater monitoring well MW-4 as outlined in your January 3, 2005 letter to the Department.**

### **FUTURE EXCAVATION OF RESIDUAL CONTAMINATED SOIL**

As indicated in the information submitted to the Department, residual soil contamination remains at geoprobe borings GP-1 and GP-5 and monitoring well MW-3. If soil in these specific locations is excavated in the future, the property owner at the time of excavation will be required to sample and analyze the excavated soil to determine whether the contamination still remains. All current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard at the time of excavation. **Special precautions may need to be taken during excavation activities to prevent a direct contact health threat to humans.** Based upon the results of sample analysis, the current owner will also have to properly store, treat, or dispose of any excavated materials, in accordance with state and federal laws.

In addition, depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

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://dnr.wi.gov/org/aw/rr/gis/index.htm> If your property is listed on the GIS Registry 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 920-662-5442.

Sincerely,



Kristin DuFresne  
Hydrogeologist  
Bureau for Remediation & Redevelopment

cc: Cindy Zelenka, Central Wisconsin Engineers & Architects, Inc.  
P.O. Box 107, Weston, WI 54476-0107



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Northeast Region Headquarters  
2984 Shawano Ave., P.O. Box 10448  
Green Bay, Wisconsin 54307-0448  
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TTY Access via relay - 711

October 3, 2005

Mr. Charles Grady, Jr.  
Oconto Falls Municipal Utilities  
P.O. Box 70  
Oconto Falls, WI 54154-0070

Subject: Conditional Closure Decision with Requirements to Achieve Final Closure  
Malcomson Property, 215 Monroe Street, Oconto Falls, Wisconsin  
WDNR BRRTS Activity # 03-43-278572

Dear Mr. Grady:

On September 30, 2005, the Northeast Region Closure Committee reviewed your request for closure of the case described above. 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 identified at the site in the vicinity of the former location of petroleum bulk 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:

### **MONITORING WELL ABANDONMENT**

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

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

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Please send a letter advising me that any remaining purge water, waste and/or soil piles have been removed once that work is completed.

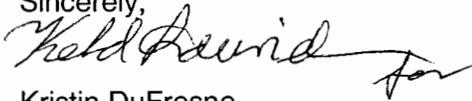
When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with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

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

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

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact Keld Lauridsen at (920) 662-5420.

Sincerely,

A handwritten signature in cursive script that reads "Keld Lauridsen" followed by a small flourish.

Kristin DuFresne  
Hydrogeologist  
Remediation & Redevelopment Program

cc: Cindy Zelenka, Central Wisconsin Engineers & Architects, Inc.  
5707 Schofield Avenue, P.O. Box 107, Weston, WI 54476-0107

3

Document No.  
**553330**

VOL. 1063 PAGE 561

ABRIDGMENT OF ORDER

**RECORDED**

AT 8:40 O'CLOCK A M

JAN 9 2004

LORALEE LASLEY  
REGISTER OF DEEDS  
OCONTO COUNTY, WI

*1500*

Tax Parcel Number: 266-07-07715326

Return to:  
Attorney Vance M. Waggoner  
103 S. Main Street  
Oconto Falls, WI 54154

Document No.  
**553333**

**WARRANTY DEED**

**VOL. 1063 PAGE 567**

**RECORDED**

AT 8:40 O'CLOCK AM

JAN 9 2004

**LORALEE LASLEY  
REGISTER OF DEEDS  
OCONTO COUNTY, WI**

Return to: Attorney Vance M. Waggoner  
103 S. Main Street  
Oconto Falls, WI 54154

Tax Parcel Number: 266-07-07715326 and 266-07-07715327

**GEORGE T. MALCOMSON, JR., a/k/a Tom**  
Malcomson, Grantor, conveys and warrants to the **CITY OF**  
**OCONTO FALLS**, Grantee, the following described real estate in  
Oconto County, State of Wisconsin:

1100

*Lot 10, Block 8, Caldwell's Fourth Addition to Oconto Falls, Wisconsin, except that portion, being the east 45' feet thereof, conveyed to the City of Oconto Falls in 503 R.299, OCR.*

*The East 25.5 feet, except the northerly 82.75 feet of Lot 9, Block 8, Caldwell's Fourth Addition to Oconto Falls, Wisconsin.*

*Part of Lot 9, Block 8, Caldwell's Fourth Addition to Oconto Falls, Wisconsin, described as follows:*

*Commencing at the NW corner of Lot 9, Block 8, Caldwell's Fourth addition to Oconto Falls, Wisconsin, and running South 82 feet 9 inches; thence East 77 feet 4 inches; thence North 82 feet 9 inches; thence Westerly, along the South side of the right-of-way of the Chicago & North Western Railway, 77 feet 8 inches to the place of beginning.*

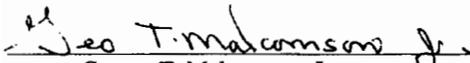
This deed is given pursuant to § 32.06(2a), Wis. Stats., in order to conclude eminent domain proceedings commenced by Grantee against Grantor under § 32.06, Wis. Stats.

The property described herein was inherited by Grantee from his father, George T. Malcomson, Sr., and is deemed to be individual property and not marital property.

This *is not* homestead property.

Dated this 8<sup>th</sup> day of December, 2003.

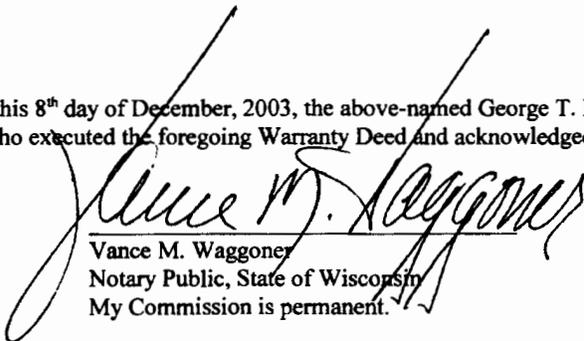
FEE  
# 77.25 (12)  
EXEMPT

  
George T. Malcomson, Jr.  
Grantor

**ACKNOWLEDGEMENT**

STATE OF WISCONSIN)  
                                  )SS  
COUNTY OF OCONTO)

Personally came before me this 8<sup>th</sup> day of December, 2003, the above-named George T. Malcomson, Jr., to me known to be the person who executed the foregoing Warranty Deed and acknowledged the same.

  
Vance M. Waggoner  
Notary Public, State of Wisconsin  
My Commission is permanent.

This Instrument was Drafted by:  
Attorney Vance M. Waggoner  
Oconto Falls, WI 54154  
State Bar No.: 1010327

STATE OF WISCONSIN : CIRCUIT COURT : OCONTO COUNTY

*In The Matter Of The Estate Of:*

GEORGE T. MALCOMSON, SR.,  
a/k/a Bud Malcomson

File No.: 91-PR-72

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*Abridgment Of Order*

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The *Order Reopening Estate and Correcting Property Description* entered in the above-entitled Estate on the 2<sup>nd</sup> day of January, 2004, contains the following provisions pertaining to real property:

“IT IS FURTHER ORDERED, That the following legal description contained in the *Order* of October 10<sup>th</sup>, 1991, to-wit:

*Lot 10 and the East 25.5 feet (except the Northerly 82.75 feet thereof) of Lot 9, all in Block 8, Caldwell’s Fourth Addition to Oconto Falls,*

be, and the same hereby is, *corrected* to read as follows:

*Lot 10, Block 8, Caldwell’s Fourth Addition to Oconto Falls, Wisconsin, except that portion, being the east 45’ feet thereof, conveyed to the City of Oconto Falls in 503 R.299, OCR.*

*The East 25.5 feet, except the northerly 82.75 feet of Lot 9, Block 8, Caldwell’s Fourth Addition to Oconto Falls, Wisconsin.*

*Part of Lot 9, Block 8, Caldwell’s Fourth Addition to Oconto Falls, Wisconsin, described as follows:*

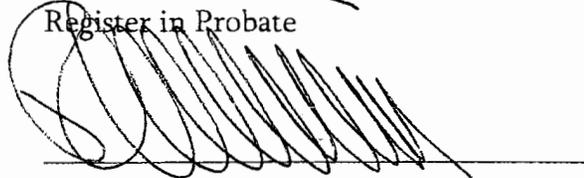
*Commencing at the NW corner of Lot 9, Block 8, Caldwell’s Fourth addition to Oconto Falls, Wisconsin, and running South 82 feet 9 inches; thence East 77 feet 4 inches; thence North 82 feet 9 inches; thence Westerly, along the South*

*side of the right-of-way of the Chicago & North Western  
Railway, 77 feet 8 inches to the place of beginning.”*

I hereby certify that the foregoing portions of the *Order Reopening Estate and  
Correcting Property Description* in the above-entitled Estate are true and accurate.

Dated this 9 day of January, 2004.

~~PATRICIA PAWLAK~~  
Register in Probate



Richard D. Delforge

Drafted by:  
VANCE M. WAGGONER  
Attorney at Law  
103 South Main Street  
Post Office Box 68  
Oconto Falls, Wisconsin 54154-0068

Telephone: (920) 846-3227  
Facsimile: (920) 846-3228

State Bar of Wisconsin Member Number: 1010327

## **CONTAMINATED PROPERTY**

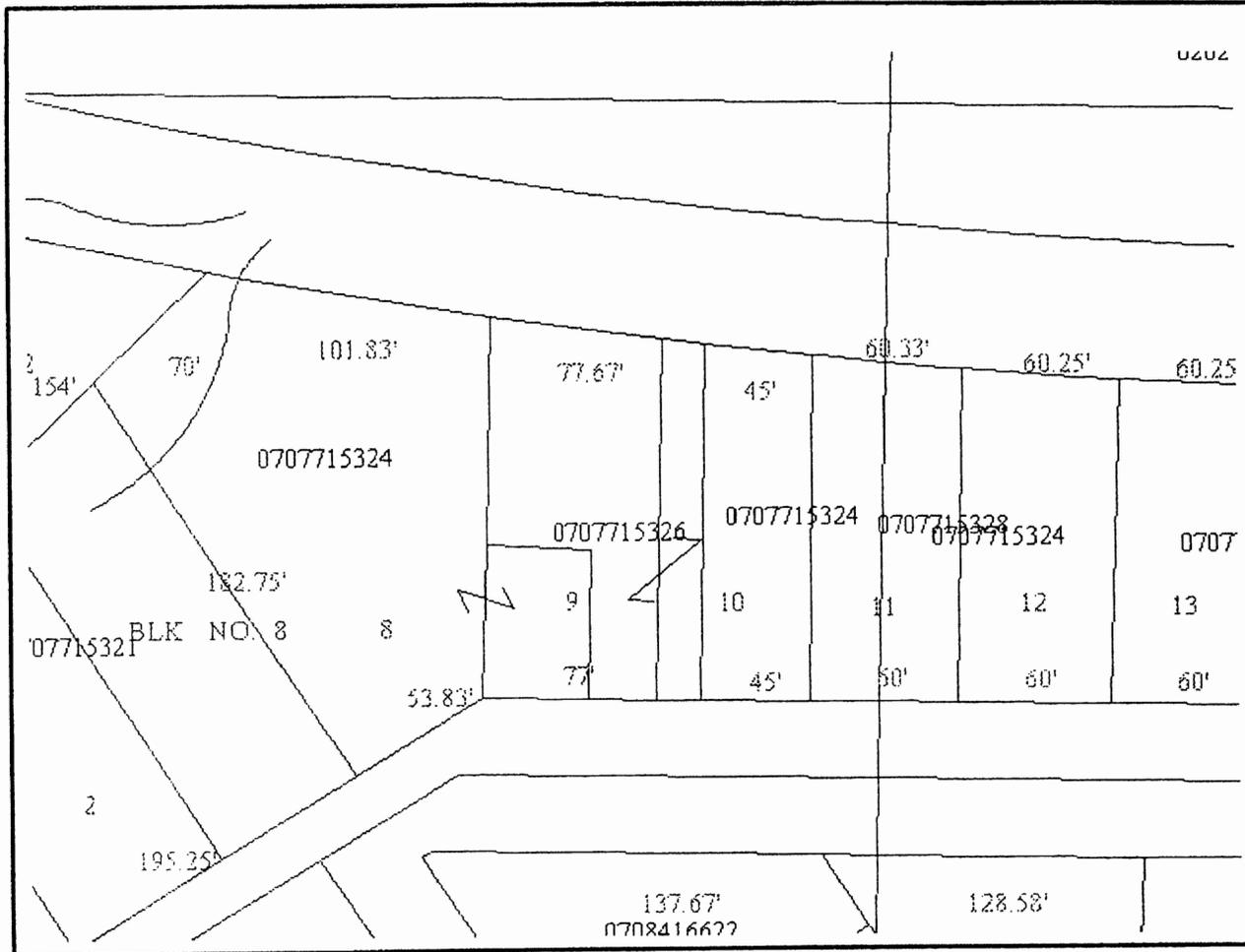
The **Parcel Identification Numbers** for the Oconto Falls Municipal Utility Property at 215 Monroe Street in Oconto Falls, Wisconsin (Oconto County) are the following:

266-07-07715326 and 266-07-07715327

The **WTM91 Geographic Coordinates** for the Oconto Falls Municipal Utility Property at 215 Monroe Street in Oconto Falls, Wisconsin (Oconto County) are the following:

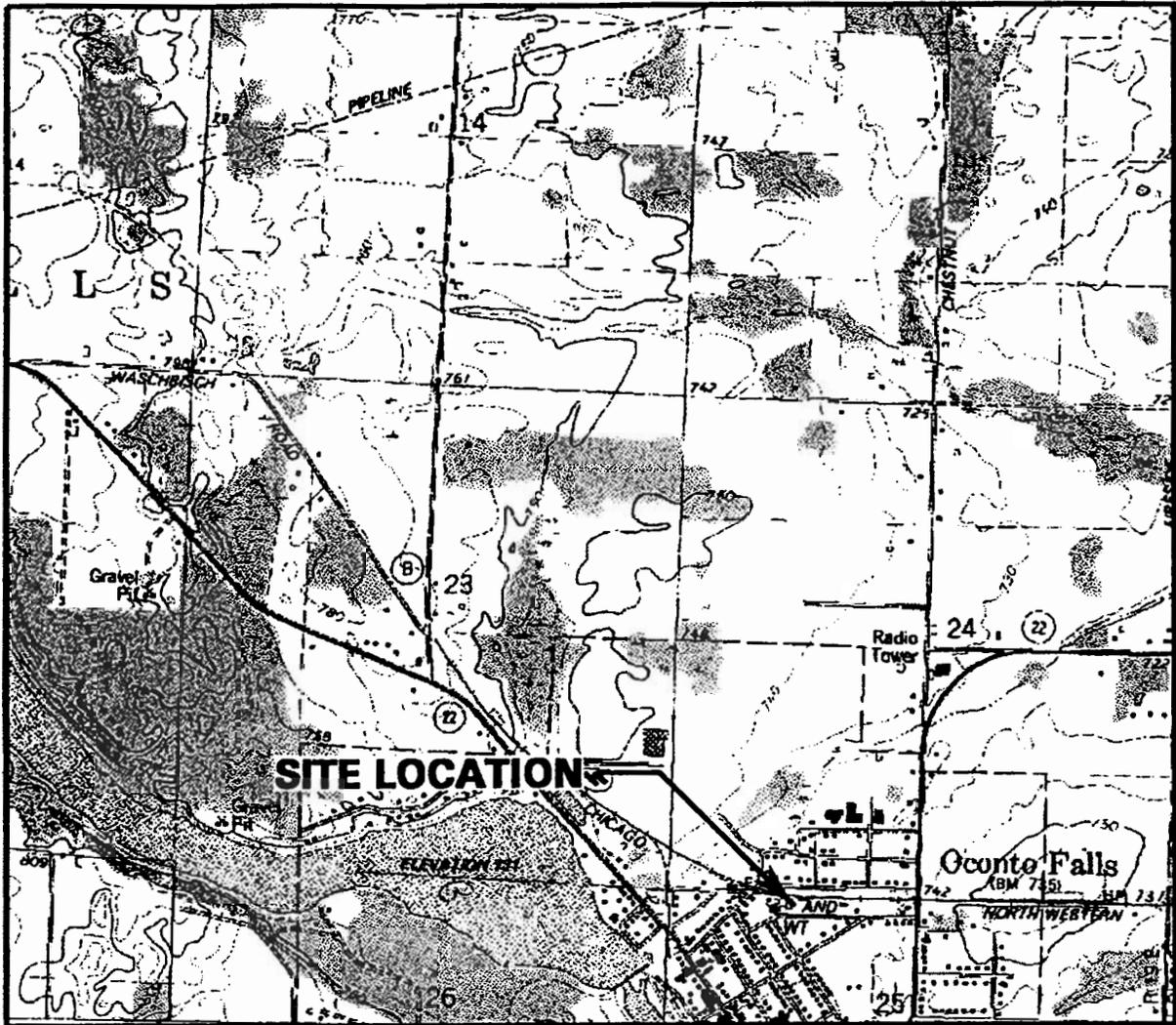
666775, 491148

### Subject Property



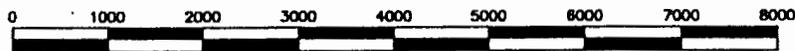
- ~ Hooks
- ~ Parcel Numbers (Text)
- ~ Lot Numbers (Text)
- ~ Block Numbers (Text)
- ~ Block Names (Text)
- ~ Lot Dimensions (Text)
- ~ Map





SCALE IN FEET

1" = 2000'



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

Figure 1A



BASE MAP SOURCE: USGS OCONTO FALLS NORTH, WISCONSIN 7.5 MINUTE QUADRANGLE, 1974

DRAWN BY: JRB | PROJECT: RPS-1261 | DATE: 9/21/01

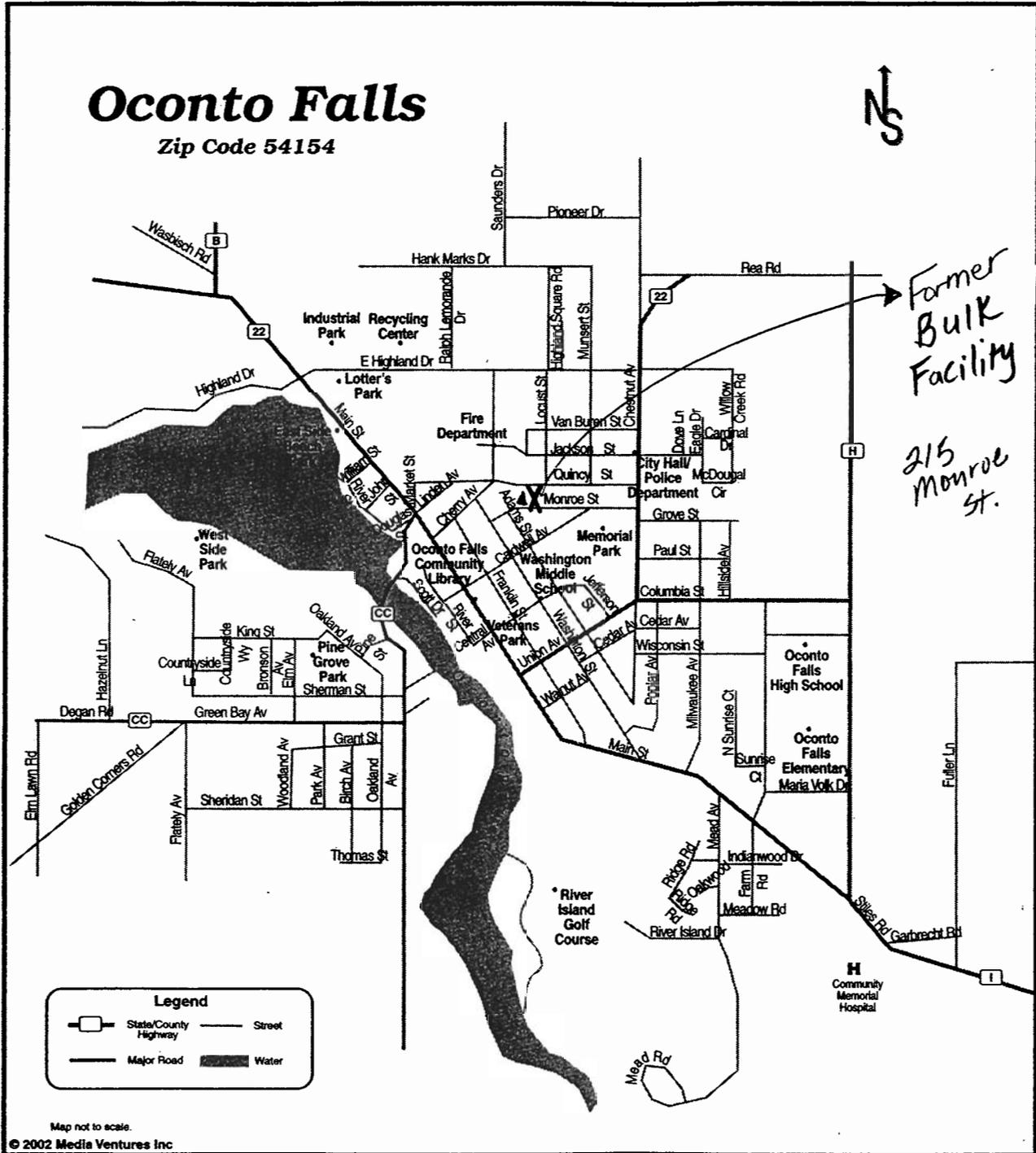
REV. DATE | THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.

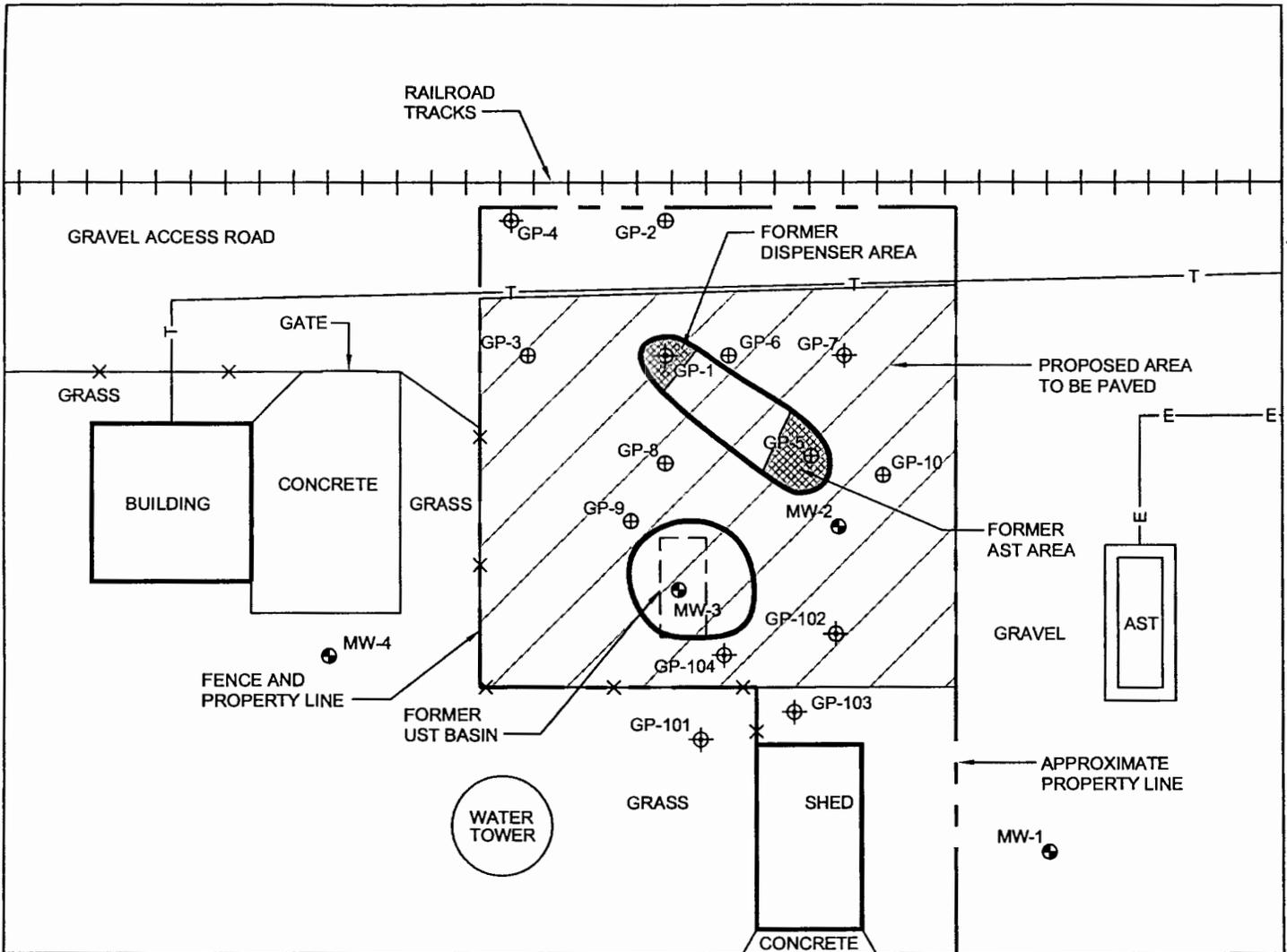
MALCOMSON PROPERTY  
OCONTO FALLS, WISCONSIN

SITE LOCATION AND  
LOCAL TOPOGRAPHY

 **Northern Environmental**<sup>SM</sup>  
Hydrologists • Engineers • Geologists

# AREA MAPS

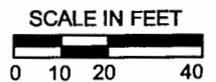




MONROE STREET

**LEGEND**

- T — BURIED PHONE/COMMUNICATION LINE
- E — BURIED ELECTRICAL
- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GEOPROBE SOIL AND WATER SAMPLE
- ⊕ GEOPROBE SOIL SAMPLE
- AST ABOVEGROUND STORAGE TANK
- UST UNDERGROUND STORAGE TANK
- ESTIMATED AREA OF RESIDUAL SOIL CONTAMINATION ABOVE NR 720 RCLs
- ESTIMATED AREA OF CONTAMINATED SOIL ABOVE NR 746 TABLE /

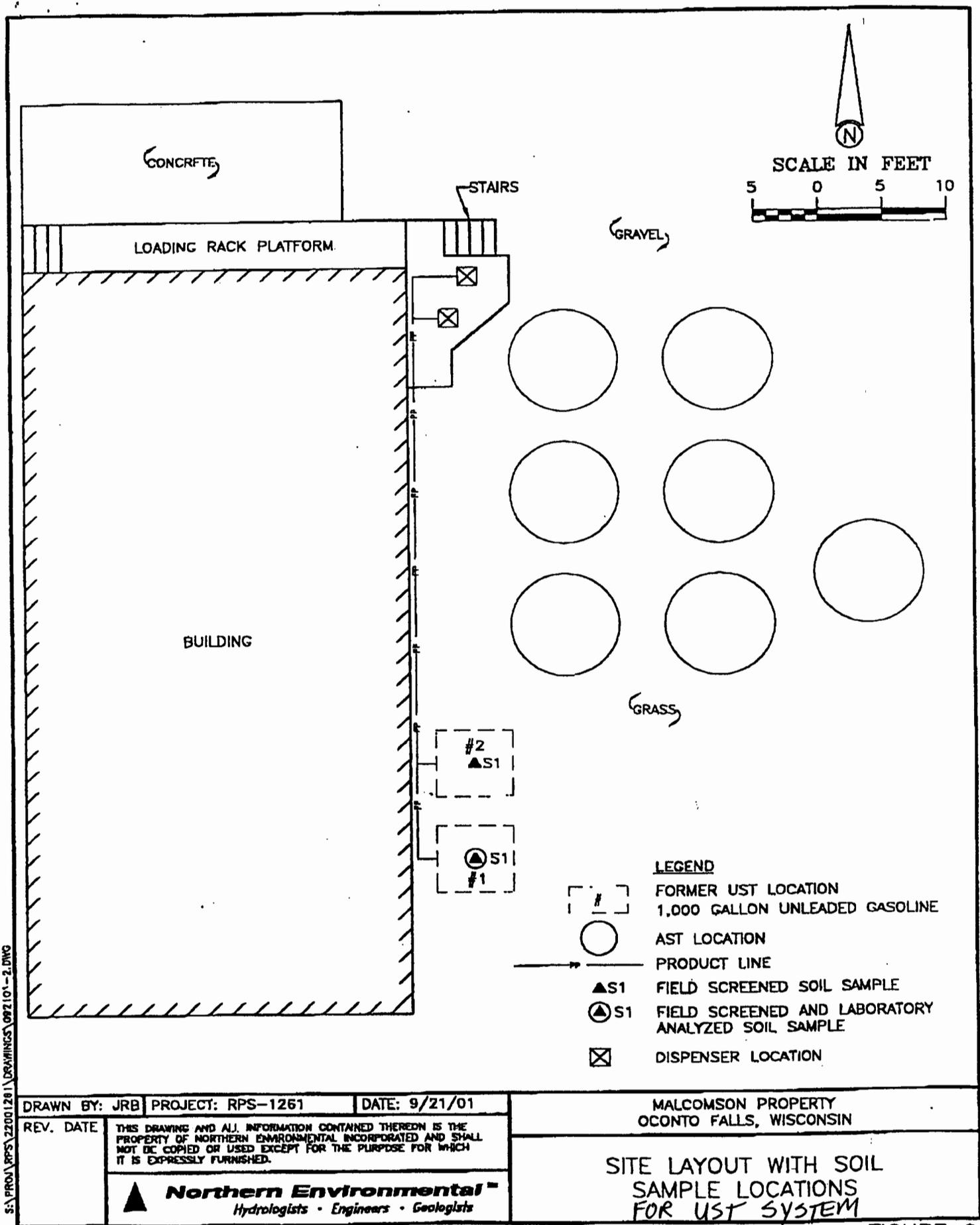


**WEA**  
CENTRAL  
WISCONSIN  
ENGINEERS  
ARCHITECTS

5707 SCHOFIELD AVENUE  
WESTON, WISCONSIN  
54476  
PHONE: (715) 359-9400  
FAX: (715) 355-4199  
general@cwengineers.com  
http://www.cwengineers.com

**SITE LAYOUT MAP**  
OCONTO FALLS MUNICIPAL UTILITY  
215 MONROE STREET  
OCONTO FALLS, WI

PROJECT:	
DRAWN BY:	J.B.
CHECKED BY:	
APPROVED BY:	
DATE:	AUGUST 2005
PROJECT NO.:	35620500
DNR NO.:	
FILE:	35620500.dwg
DATE:	9/6/2005
FIGURE 2	



S:\PROJ\RPS\22001281\DRAWINGS\092101-2.DWG

DRAWN BY: JRB PROJECT: RPS-1261 DATE: 9/21/01

REV. DATE THIS DRAWING AND ALL INFORMATION CONTAINED THEREIN IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.

MALCOMSON PROPERTY OCONTO FALLS, WISCONSIN

**Northern Environmental**  
Hydrologists • Engineers • Geologists

SITE LAYOUT WITH SOIL SAMPLE LOCATIONS FOR UST SYSTEM

FIGURE 2

Table 1  
Groundwater Analytical Results  
215 Monroe Street  
Oconto Falls, Wisconsin

Parameter		VOC																	
		Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	1,1-Dichloroethane	1,2-Dichloroethane	Ethylbenzene	Methyl-tertiary-butyl ether	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	1,2,3-Trichloropropane	Total Trimethylbenzenes	Vinyl Chloride	Total Xylene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Monitoring Well	Sample Date:																		
MW-3 <del>MW-1</del>	12/06/01	440	<12	22	<10	<17	<9.4	820	<13	61	--	180	160	<11	3500	<16	1760	<3.6	3800
MW-2	12/06/01	26	<0.61	0.86	<0.50	<0.48	<0.47	9	<0.67	2.1	--	1.0	3.6	<0.57	0.56	<0.78	<1.3	<0.18	8.1
NR 140 ES		5	--	--		850	5	700	60	--	--	40	--	5	1000	5	480	0.2	10000
NR 140 PAL		0.5	--	--		85	0.5	140	12	--	--	8	--	0.5	200	0.5	96	0.02	1000

Notes:

NR 140 ES = NR 140 Enforcement Standard Established March 2000  
NR 140 PAL = NR 140 Preventive Action Limit Established March 2000

22 NR 140 Enforcement Standard Exceedance

Site Investigation

Note:

MW-1 here is same as CWEA MW-3  
MW-2 here is same as CWEA MW-2

**Table 2**  
**Summary of Temporary Wells Chemistry Data**  
**Oconto Falls Bulk Plant, Oconto Falls WI**  
**CWEA #35620500**

Sample ID	GW GP1	GW GP4	GW GP7	GP-101	GP-102	GP-103	GP-104		
Sample Collection Date	05/06/05	05/06/05	05/06/05	08/10/05	08/10/05	08/10/05	08/10/05		
Screened Interval	8' - 12'	8' - 12'	8' - 12'	8' - 12'	8' - 12'	8' - 12'	8' - 12'		
ANALYTICAL PARAMETERS		NR 140 PAL	NR 140 ES						
Volatile Organic Compounds									
Benzene	0.5	5	0.551	<0.31	<0.31	<0.31	723	1.96	1.24
Ethylbenzene	140	700	0.849	<0.5	<0.5	<0.5	93.2	6.16	2.86
Toluene	200	1,000	0.334	<0.3	<0.3	<0.3	20.6	1.15	2.50
Total Xylenes	1,000	10,000	5.6	1.38	<0.92	<0.92	68.0	1.16	4.99
Methyl tert-butyl ether	12	60	<0.3	<0.3	<0.3	<0.3	2.64	<0.3	<0.3
Total Trimethylbenzene	96	480	3.319	<0.71	<0.71	<0.71	82.5	0.546	2.273
n-Butylbenzene	--	--	--	--	--	<0.36	4.26	<0.36	2.35
sec-Butylbenzene	--	--	--	--	--	<0.4	5.27	0.711	3.28
Isopropylbenzene	--	--	--	--	--	<0.31	10.9	1.72	3.12
Naphthalene	8	40	--	--	--	<0.8	5.02	<0.8	<0.8
n-Propylbenzene	--	--	--	--	--	<0.3	13.3	2.24	2.05
Polycyclic Aromatic Hydrocarbons (PAHs)									
Benzo(a)Pyrene	0.02	0.2	--	--	--	<0.017	<0.017	1.83	<0.017
Benzo(b)Fluoranthene	0.02	0.2	--	--	--	<0.02	<0.02	2.48	<0.02
Benzo(k)Fluoranthene	--	--	--	--	--	<0.04	<0.04	0.949	<0.04
Benzo(ghi)Perylene	--	--	--	--	--	<0.05	<0.05	2.80	<0.05
Indeno(1,2,3-cd)Pyrene	--	--	--	--	--	<0.05	<0.05	2.16	<0.05
1-Methyl Naphthlene	--	--	--	--	--	<0.08	<0.08	6.04	<0.08
2-Methyl Naphthlene	--	--	--	--	--	<0.11	12.4	7.92	<0.11
Naphthalene	8	40	--	--	--	<0.1	6.06	6.12	0.841
Phenanthrene	--	--	--	--	--	0.168	<0.08	<0.2	<0.08

**NOTES:**

Results presented as micrograms per liter (µg/L), which is equivalent to parts per billion, unless otherwise stated.

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

< = Result is less than detection limit for analyte.

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

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

**Table 3**  
**Summary of Monitoring Wells Chemistry Data**  
**Oconto Falls Bulk Plant, Oconto Falls WI**  
**CWEA #35620500**

Sample ID			MW-1		MW-2		MW-3		MW-4	
Sample Collection Date			05/06/05	08/10/05	05/06/05	08/10/05	05/06/05	08/10/05	05/06/05	08/10/05
PVC Elevation			999.25		1002.81		1002.24		1000.83	
Depth to Groundwater			6.72	7.16	9.14	10.24	8.59	10.63	7.05	8.35
Groundwater Elevation			992.53	992.09	993.67	992.57	993.65	991.61	993.78	992.48
ANALYTICAL PARAMETERS			NR 140	NR 140						
Volatile Organic Compounds			PAL	ES						
Benzene	0.5	5	<0.31	<0.31	4.02	0.96	33.2	1.6	<0.31	<0.31
Ethylbenzene	140	700	<0.5	<0.5	1.31	0.78	281	60	<0.5	<0.5
Toluene	200	1,000	<0.3	<0.3	<0.3	<0.3	886	14	<0.3	<0.3
Total Xylenes	1,000	10,000	<0.92	<0.92	<0.92	<0.92	1,597	133	<0.92	<0.92
Methyl tert-butyl ether	12	60	<0.3	<0.3	<0.3	<0.3	<3.00	<0.3	<0.3	<0.3
Total Trimethylbenzene	96	480	<0.71	<0.71	0.643	1.02	661	252	<0.71	<0.71
Isopropylbenzene	--	--	<0.31	--	<0.31	--	14.2	--	<0.31	--
Naphthalene	8	40	<0.8	--	<0.8	--	39.3	--	<0.8	--
n-Propylbenzene	--	--	<0.3	--	<0.3	--	22.6	--	<0.3	--
Polycyclic Aromatic Hydrocarbons (PAHs)										
Benzo(b)Fluoranthene	0.02	0.2	0.052	<0.02	<0.02	<0.02	<0.1	<0.2	<0.02	<0.02
1-Methyl Naphthlene	--	--	0.155	<0.08	<0.08	<0.08	<0.4	<0.08	0.112	<0.08
2-Methyl Naphthlene	--	--	<0.11	<0.11	<0.11	<0.11	<0.55	1.76	<0.11	<0.11
Naphthalene	8	40	0.131	<0.1	0.101	<0.1	30.4	1.36	<0.1	<0.1
Phenanthrene	--	--	<0.08	<0.08	<0.08	<0.08	<0.4	<0.08	<0.08	0.126
Metals										
Sulfate (mg/L)	125	250	89.3	--	--	--	--	--	19.1	--
Nitrate + Nitrite (mg/L)	2	10	2.07	2.94	--	2.38	--	1.06	2.61	3.27
Iron (mg/L)	0.15	0.3	<0.01	--	--	--	--	--	<0.01	--
Lead	1.5	15	1.00	--	--	--	--	--	0.7	--

**NOTES:**

Results presented as micrograms per liter (µg/L), which is equivalent to parts per billion, unless otherwise stated.

Samples were analyzed for full suite of volatile organic compounds (VOCs) using EPA method 8021.

Compounds listed are those with regulatory standards.

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

< = Result is less than detection limit for analyte.

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

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

# ANALYTICAL REPORT

Client: Oconto Falls Municipal Utilities  
 Attn: Bob Schindel, WWTP  
 500 North Chestnut Street  
 P O Box 70  
 Oconto Falls, WI 54154 0070

*Municipal well data*

NLS Project: 91095

NLS Customer: 25364

Fax: 920 846 4348 Phone: 920 846 4514

Project: Drinking Water

**Entry Point 2-VOC NLS ID: 378074**

Ref. Line COC 79997 Entry Point 2-VOC Matrix: DW  
 Collected: 07/13/05 10:25 Received: 07/13/05

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					07/19/05	EPA 524.2	721026460

**Entry Point 2-IOC NLS ID: 378075**

Ref. Line COC 79997 Entry Point 2-IOC Matrix: DW  
 Collected: 07/13/05 10:25 Received: 07/13/05

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
Antimony, tot. recoverable as Sb by furnace AAS		NOTHING ENTERED	1		/ 6.0		SM 3113B	721026460
Arsenic, tot. recoverable as As by furnace AAS	[1.4]	ug/L	1	0.66	2.3 / 50	07/23/05	SM 3113B	721026460
Barium, tot. recoverable as Ba by ICP-Trace	110	ug/L	1	2.5*	5.0* / 2000	07/14/05	EPA 200.7	721026460
Beryllium, tot. recoverable as Be by ICP-Trace	ND	ug/L	1	0.17	0.50 / 4.0	07/14/05	EPA 200.7	721026460
Cadmium, tot. recoverable as Cd by ICP-Trace	ND	ug/L	1	0.17	0.50 / 5.0	07/14/05	EPA 200.7	721026460
Chromium, tot. recoverable as Cr by ICP-Trace	ND	ug/L	1	0.55	1.7 / 100	07/14/05	EPA 200.7	721026460
Fluoride, as F (unfiltered)	0.64	mg/L	1	0.050	0.10 / 4.0	07/27/05	SM 4500F-C	721026460
Mercury (SDWA) by CVAA	ND	ug/L	1	0.10	0.39 / 2.0	07/20/05	EPA 245.1	721026460
Nickel, tot. recoverable as Ni by ICP-Trace	9.8	ug/L	1	1.1	3.4 / 100	07/14/05	EPA 200.7	721026460
Nitrogen, nitrite as N	ND	mg/L	1	0.0067*	0.020* / 1.0	07/13/05	SM 4500NO2B	721026460
Nitrogen, NO2 + NO3 as N (unfiltered)	[0.030]	mg/L	1	0.025	0.075 / 10	07/20/05	EPA 353.2	721026460
Selenium, tot. recoverable as Se by furnace		NOTHING ENTERED	1		/ 50		SM 3113B	721026460
Sodium, tot. recoverable as Na by ICP-Trace	10	mg/L	1	0.040	0.080	07/14/05	EPA 200.7	721026460
Thallium, tot. recoverable as Tl by furnace AAS (SDWA)	ND	ug/L	1	0.98	3.5 / 2.0	07/15/05	EPA 200.9	721026460

**Entry Point 2-SOC NLS ID: 378076**

Ref. Line COC 79997 Entry Point 2-SOC Matrix: DW  
 Collected: 07/13/05 10:25 Received: 07/13/05

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
Multi-Component Pesticides and PCBs by EPA 505	see attached					07/25/05	EPA 505	721026460
Micro extraction - (505)	yes					07/25/05	EPA 505	721026460
Endothall by EPA 548.1	ND	ug/L	1	0.53	1.8	07/19/05	EPA 548.1	721026460
		Surrogate recovered at 89%.						
Glyphosate by EPA 547	ND	ug/L	1	3.7	12	07/20/05	EPA 547	721026460
Carbamates by EPA 531.1	see attached					07/15/05	EPA 531.1	721026460
DW Synthetic Organics (SOCs)	NOTHING ENTERED						NA	721026460
EPA 525.2 Solid Phase Extraction	yes					07/20/05	EPA 525.2	721026460
EPA 548.1 Solid Phase Extraction	yes					07/15/05	NA	721026460
Semivolatile GC/MS by 525.2	see attached					07/27/05	EPA 525.2	721026460

**Entry Point 3-VOC NLS ID: 378077**

Ref. Line COC 79997 Entry Point 3-VOC Matrix: DW  
 Collected: 07/13/05 10:15 Received: 07/13/05

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					07/19/05	EPA 524.2	721026460





**ANALYTICAL RESULTS: Carbamates by EPA Method 531.1**

Customer: Oconto Falls Municipal Utilities NLS Project: 91095

Project Description: Drinking Water

Project Title: Template: 531DWS Printed: 08/02/2005 11:12

Sample: 378076 Entry Point 2-SOC Collected: 07/13/05 Analyzed: 07/15/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL
Carbofuran	ND	ug/L	1	0.51	1.7	40
Oxamyl (Vydate)	ND	ug/L	1	0.48	1.6	200

~~Sample: 378079 Entry Point 3-SOC Collected: 07/13/05 Analyzed: 07/16/05~~

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL
<del>Carbofuran</del>	<del>ND</del>	<del>ug/L</del>	<del>1</del>	<del>0.51</del>	<del>1.7</del>	<del>40</del>
<del>Oxamyl (Vydate)</del>	<del>ND</del>	<del>ug/L</del>	<del>1</del>	<del>0.48</del>	<del>1.6</del>	<del>200</del>

## ANALYTICAL RESULTS: GCMS 524.2 Safe Drinking Water Analysis - DNR Form

Page 1 of 3

Customer: Oconto Falls Municipal Utilities NLS Project: 91095

Project Description: Drinking Water

Project Title: Template: SAT3DNRS Printed: 08/02/2005 11:12

Sample: 378074 Entry Point 2-VOC

Collected: 07/13/05

Analyzed: 07/19/05 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL
BENZENE	ND	ug/L	1	0.17	0.58	5
CARBON TETRACHLORIDE	ND	ug/L	1	0.22	0.74	5
1,2-DICHLOROBENZENE (O-)	ND	ug/L	1	0.18	0.59	600
1,4-DICHLOROBENZENE (P-)	ND	ug/L	1	0.17	0.56	75
1,2-DICHLOROETHANE	ND	ug/L	1	0.19	0.64	5
1,1-DICHLOROETHYLENE	ND	ug/L	1	0.19	0.63	7
1,2-DICHLOROETHYLENE CIS	ND	ug/L	1	0.18	0.60	70
1,2-DICHLOROETHYLENE, TRA	ND	ug/L	1	0.17	0.58	100
DICHLOROMETHANE	ND	ug/L	1	0.19	0.64	5
1,2-DICHLOROPROPANE	ND	ug/L	1	0.17	0.56	5
ETHYL BENZENE	ND	ug/L	1	0.18	0.60	700
CHLOROBENZENE	ND	ug/L	1	0.19	0.62	100
STYRENE	ND	ug/L	1	0.17	0.55	100
TETRACHLOROETHYLENE	ND	ug/L	1	0.18	0.60	5
TOLUENE	ND	ug/L	1	0.17	0.56	1000
1,2,4-TRICHLOROBENZENE	ND	ug/L	1	0.18	0.61	70
1,1,1-TRICHLOROETHANE	ND	ug/L	1	0.17	0.57	200
1,1,2-TRICHLOROETHANE	ND	ug/L	1	0.17	0.57	5
TRICHLOROETHYLENE	ND	ug/L	1	0.18	0.61	5
VINYL CHLORIDE	ND	ug/L	1	0.17	0.57	2
XYLENE TOTAL	ND	ug/L	1	0.54	1.8	10000
4-Bromofluorobenzene (SURR**)	97%					
1,2-Dichlorobenzene-d4 (SURR**)	102%					

Table 1 Summary of UST System Information, Malcomson Property, Oconto Falls, Wisconsin

UST Number	Registration Number	UST Construction	Volume (gallons)	Contents	Status	Date Installed	Type of Delivery System	Piping Construction	Location of Check Valves
UST 1	*	Bare Steel	1,000	Unleaded Gasoline	Removed	Unknown	Suction Lift	Bare Steel	Pump
UST 2	*	Bare Steel	1,000	Unleaded Gasoline	Removed	Unknown	Suction Lift	Bare Steel	Pump

Table 2 Summary of UST System Inspection, Malcomson Property, Oconto Falls, Wisconsin

UST Number	UST Condition	Piping Condition	Piping Joint Integrity	Dispenser Condition	Apparent Releases
UST 1	Two 1/2" holes, moderate pitting and rust	Good	Fair	Good	Yes
UST 2	Moderate pitting and rust	Good	Fair	Good	Yes

UST Removal

Table 3 Summary of Soil Sample Field-Screening and Laboratory Analysis, Malcomson Property, Oconto Falls, Wisconsin

Sample Number	Associated UST System	Location	Depth (fbg)	Date Collected	Time Screened	PID Response (iui)	Sample Petroleum Odor	Soil Description	Soil Type (USCS)	Laboratory Analytical Results (mg/kg) GRO
S1	UST1	Center	7	7/19/01	1127	289	Old, Strong Petroleum	Sand	SP	---
S2	UST 2	Center	7	7/19/01	1130	301	Old, Strong Petroleum	Sand	SP	210

Key:

UST = underground storage tank  
 fbg = feet below grade  
 --- = not analyzed

iui = instrument units as isobutylene  
 USCS = Unified Soil Classification System

\* = Registration numbers are currently being assigned by WDCOMM

mg/kg = milligram per kilogram  
 GRO = gasoline range organics

5  
 Table 2  
 Soil Analytical Results  
 215 Monroe Street  
 Oconto Falls, Wisconsin

*same as MW-3*

Analyte	Units	HA-1 (6.0-8.0 ft) 12/5/01	<sup>1</sup> WAC NR 720 RCL	WAC NR 746 Indicators
<b>VOC</b>				
Benzene	ug/kg	<1000	5.5	8500
Toluene	ug/kg	23000	1,500	38000
Ethylbenzene	ug/kg	19000	2,900	4600
Total Xylenes	ug/kg	103000	4,100	42000
1,2-Dichloroethane	ug/kg	<1000	4.9	600
1,2,4-Trimethylbenzene	ug/kg	110000		83000
1,3,5-Trimethylbenzene	ug/kg	33000		11000
Naphthalene	ug/kg	8300		2700

Notes:

WAC NR 720 RCL = Wisconsin Administrative Code Chapter NR 720 Residual Contaminant Level

<sup>1</sup>WAC NR 720 RCLs are based on the protection of groundwater.

WAC NR 746 values are indicators of residual petroleum product in soil pores.

"<" = analyte not detected above method detection limit  
 ug/kg = micrograms per kilogram

*Tank Bed - Site Investigation*

**Table 1**  
**Soil Chemistry Data - Geoprobe Investigation**  
**Oconto Falls Bulk Plant, Oconto Falls, WI**  
**CWEA #35620500**

Sample ID	GP1-2	GP1-4	GP2-2	GP2-4	GP3-2	GP3-4	GP3-6	GP4-2	GP4-4	GP5-2	GP5-3	
Sample Depth	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'	10' - 12'	2' - 4'	6' - 8'	2' - 4'	4' - 6'	
PID Reading**	>500	418	0	>500	0	0	0	0	0	75	446	
Sample Collection Date	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	
	NR 720 RCL	NR 746 Table 1										
<b>Volatile Organic Compounds</b>												
Benzene	0.0055	8.5	1.03	0.239	<0.025	<0.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.4
Ethylbenzene	2.9	4.6	14.7	2.36	<0.025	1.08	<0.025	<0.025	<0.025	<0.025	<0.025	0.194
Methyl tert-butyl ether	--	--	<0.5	<0.1	<0.025	<0.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.4
Toluene	1.5	38	<0.5	0.297	<0.025	<0.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.4
1,2,4-Trimethylbenzene	--	83	93.1	17.6	<0.025	2.80	<0.025	<0.025	<0.025	<0.025	<0.025	0.488
1,3,5-Trimethylbenzene	--	11	27.6	9.41	<0.025	2.02	<0.025	<0.025	<0.025	<0.025	<0.025	0.312
Total Trimethylbenzene	--	--	120.7	27.01	<0.05	4.82	<0.05	<0.05	<0.05	<0.05	<0.05	0.800
Total Xylenes	4.1	42	149.7	15.02	<0.05	0.373	<0.05	<0.05	<0.05	<0.05	<0.05	0.194
n-Butylbenzene	--	--	18.1	--	--	--	--	--	--	--	--	0.315
p-Isopropyltoluene	--	--	5.39	--	--	--	--	--	--	--	--	0.0374
Naphthalene	--	2.7	29.8	--	--	--	--	--	--	--	--	0.292
n-Propylbenzene	--	--	12.3	--	--	--	--	--	--	--	--	0.225
<b>Polycyclic Aromatic Hydrocarbons (PAHs)*</b>												
Acenaphthene	900*	--	<0.277	--	--	--	--	--	--	--	--	<0.00533
Benzo(a)Pyrene	0.0088*	--	<0.135	--	--	--	--	--	--	--	--	<0.00261
Benzo(b)Fluoranthene	0.088*	--	<0.124	--	--	--	--	--	--	--	--	0.00437
Benzo(k)Fluoranthene	0.88*	--	<0.171	--	--	--	--	--	--	--	--	0.00333
Benzo(ghi)Perylene	1.8*	--	<0.124	--	--	--	--	--	--	--	--	0.00855
Chrysene	8.8*	--	<0.135	--	--	--	--	--	--	--	--	0.00362
Fluoranthene	600*	--	<0.13	--	--	--	--	--	--	--	--	0.0261
Indeno(1,2,3-cd)Pyrene	0.088*	--	<0.0942	--	--	--	--	--	--	--	--	0.00467
1-Methyl Naphthalene	1100*	--	9.21	--	--	--	--	--	--	--	--	0.0535
2-Methyl Naphthalene	600*	--	16.1	--	--	--	--	--	--	--	--	0.115
Naphthalene	20*	--	8.84	--	--	--	--	--	--	--	--	0.0136
Pyrene	500*	--	0.0141	--	--	--	--	--	--	--	--	<0.00238
<b>Metals</b>												
Lead	500	--	--	--	--	3.90	2.72	--	--	--	--	3.02

**NOTES:**

Results presented as micrograms per kilogram (mg/Kg) which is equivalent to parts per million unless otherwise noted. Compounds not listed were not detected above method detection limits (MDLs).

\*Suggested generic residual contaminant levels (RCLs) for Polycyclic Aromatic Hydrocarbons (PAHs) compounds in soil for non-industrial direct contact pathway, per Wisconsin Department of Natural Resources Publication RR-519-97, dated April 1997.

\*\*Photoionization Detector (PID) calibrated to 100 parts per million isobutylene.

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

26 NR 720 Residual Contaminant Levels (RCL) exceedance. RCLs based on protection of groundwater.

125 NR 746 Table 1 screening levels exceedance. Indicators of residual petroleum products in soil pores.

**Table 1**  
**Soil Chemistry Data - Geoprobe Investigation**  
**Oconto Falls Bulk Plant, Oconto Falls, WI**  
**CWEA #35620500**

Sample ID	GP6-2	GP6-3	GP7-2	GP7-4	GP8-2	GP8-3	GP9-2	GP9-4	GP10-2	GP10-4	
Sample Depth	2' - 4'	4' - 6'	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'	
PID Reading**	190	294	0	0	0	338	0	0	0	0	
Sample Collection Date	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	05/06/05	
	NR 720 RCL	NR 746 Table 1									
<b>Volatile Organic Compounds</b>											
Benzene	0.0055	8.5	<0.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Ethylbenzene	2.9	4.6	<0.2	0.308	<0.025	<0.025	<0.025	0.0502	<0.025	<0.025	<0.025
Methyl tert-butyl ether	--	--	<0.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Toluene	1.5	38	<0.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-Trimethylbenzene	--	83	3.68	2.15	<0.025	<0.025	<0.025	0.162	<0.025	<0.025	<0.025
1,3,5-Trimethylbenzene	--	11	2.96	1.53	<0.025	<0.025	<0.025	0.0813	<0.025	<0.025	<0.025
Total Trimethylbenzene	--	--	6.64	3.68	<0.05	<0.05	<0.05	0.2433	<0.05	<0.05	<0.05
Total Xylenes	4.1	42	0.284	0.328	<0.05	<0.05	<0.05	0.0468	<0.05	<0.05	<0.05
n-Butylbenzene	--	--	--	--	--	--	--	0.13	--	--	--
p-Isopropyltoluene	--	--	--	--	--	--	--	0.102	--	--	--
Naphthalene	--	2.7	--	--	--	--	--	0.171	--	--	--
n-Propylbenzene	--	--	--	--	--	--	--	<0.025	--	--	--
<b>Polycyclic Aromatic Hydrocarbons (PAHs)*</b>											
Acenaphthene	900*	--	--	--	--	--	--	0.00868	--	--	--
Benzo(a)Pyrene	0.0088*	--	--	--	--	--	--	<0.00262	--	--	--
Benzo(b)Fluoranthene	0.088*	--	--	--	--	--	--	<0.00239	--	--	--
Benzo(k)Fluoranthene	0.88*	--	--	--	--	--	--	<0.0033	--	--	--
Benzo(ghi)Perylene	1.8*	--	--	--	--	--	--	<0.00239	--	--	--
Chrysene	8.8*	--	--	--	--	--	--	<0.00262	--	--	--
Fluoranthene	600*	--	--	--	--	--	--	<0.00251	--	--	--
Indeno(1,2,3-cd)Pyrene	0.088*	--	--	--	--	--	--	<0.00182	--	--	--
1-Methyl Naphthalene	1100*	--	--	--	--	--	--	0.0813	--	--	--
2-Methyl Naphthalene	600*	--	--	--	--	--	--	0.0197	--	--	--
Naphthalene	20*	--	--	--	--	--	--	<0.00182	--	--	--
Pyrene	500*	--	--	--	--	--	--	<0.00239	--	--	--
<b>Metals</b>											
Lead	500	--	--	--	--	--	--	1.48	--	--	--

**NOTES:**

Results presented as micrograms per kilogram (mg/Kg) which is equivalent to parts per million unless otherwise  
 Compounds not listed were not detected above method detection limits (MDLs).

\*Suggested generic residual contaminant levels (RCLs) for Polycyclic Aromatic Hydrocarbons (PAHs)  
 compounds in soil for non-industrial direct contact pathway, per Wisconsin Department of Natural Resources  
 Publication RR-519-97, dated April 1997.

\*\*Photoionization Detector (PID) calibrated to 100 parts per million isobutylene.

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

26 NR 720 Residual Contaminant Levels (RCL) exceedance. RCLs based on protection of groundwater  
 125 NR 746 Table 1 screening levels exceedance. Indicators of residual petroleum products in soil pore

**Table 1**  
**Soil Chemistry Data - Geoprobe Investigation**  
**Oconto Falls Bulk Plant, Oconto Falls, WI**  
**CWEA #35620500**

Sample ID			GP101-1	GP101-2	GP102-1	GP102-2	GP103-1	GP103-2	GP104-1	GP104-2
Sample Depth			2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	6' - 8'
PID Reading**			0	0	0	0	0	0	0	0
Sample Collection Date			08/10/05	08/10/05	08/10/05	08/10/05	08/10/05	08/10/05	08/10/05	08/10/05
	NR 720 RCL	NR 746 Table 1								
<b>Volatile Organic Compounds</b>										
Benzene	0.0055	8.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Ethylbenzene	2.9	4.6	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Methyl tert-butyl ether	--	--	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Toluene	1.5	38	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-Trimethylbenzene	--	83	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,3,5-Trimethylbenzene	--	11	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Total Trimethylbenzene	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Total Xylenes	4.1	42	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
n-Butylbenzene	--	--	--	<0.025	--	<0.025	--	<0.025	--	<0.025
p-Isopropyltoluene	--	--	--	<0.025	--	<0.025	--	<0.025	--	<0.025
Naphthalene	--	2.7	--	<0.025	--	<0.025	--	<0.025	--	<0.025
n-Propylbenzene	--	--	--	<0.025	--	<0.025	--	<0.025	--	<0.025
<b>Polycyclic Aromatic Hydrocarbons (PAHs)*</b>										
Acenaphthene	900*	--	--	<0.00553	--	<0.0055	--	<0.00553	--	<0.00545
Benzo(a)Pyrene	0.0088*	--	--	<0.00271	--	<0.00269	--	<0.00271	--	<0.00267
Benzo(b)Fluoranthene	0.088*	--	--	<0.00247	--	<0.00246	--	<0.00247	--	<0.00244
Benzo(k)Fluoranthene	0.88*	--	--	<0.00341	--	<0.0034	--	<0.00341	--	<0.00336
Benzo(ghi)Perylene	1.8*	--	--	<0.00247	--	<0.00246	--	<0.00247	--	<0.00244
Chrysene	8.8*	--	--	<0.00271	--	<0.00269	--	<0.00271	--	<0.00267
Fluoranthene	600*	--	--	0.0117	--	0.00375	--	<0.00259	--	<0.00255
Indeno(1,2,3-cd)Pyrene	0.088*	--	--	<0.00188	--	<0.00187	--	<0.00188	--	<0.00286
1-Methyl Naphthalene	1100*	--	--	<0.00412	--	<0.0041	--	<0.00412	--	<0.00406
2-Methyl Naphthalene	600*	--	--	<0.00483	--	<0.0048	--	<0.00483	--	<0.00476
Naphthalene	20*	--	--	<0.00188	--	<0.00187	--	<0.00188	--	<0.00186
Pyrene	500*	--	--	0.0109	--	<0.00246	--	<0.00247	--	<0.00244
<b>Metals</b>										
Lead	500	--	--	--	--	1.48	--	--	--	--

**NOTES:**

Results presented as micrograms per kilogram (mg/Kg) which is equivalent to parts per million unless otherwise noted. Compounds not listed were not detected above method detection limits (MDLs).

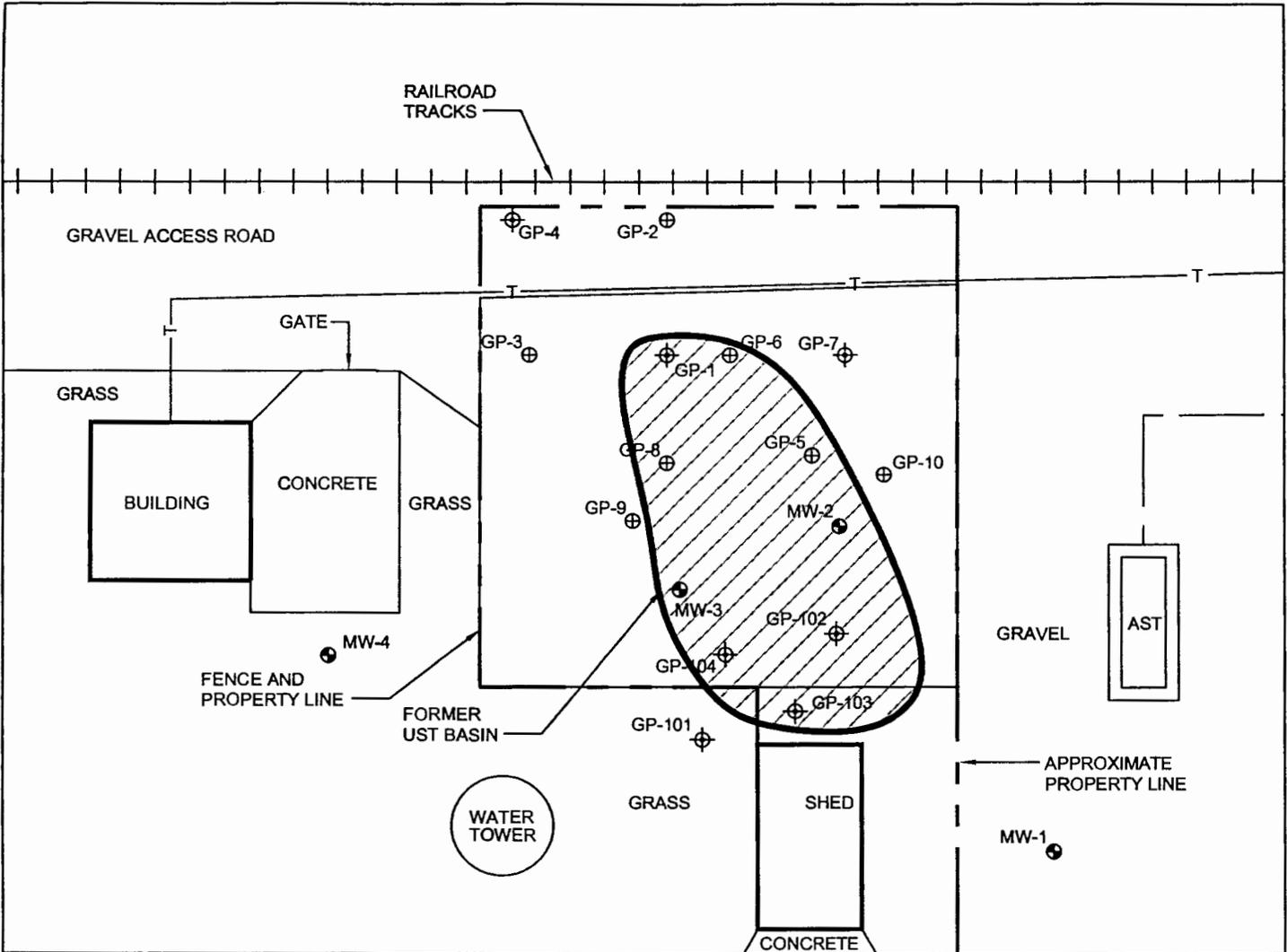
\*Suggested generic residual contaminant levels (RCLs) for Polycyclic Aromatic Hydrocarbons (PAHs) compounds in soil for non-industrial direct contact pathway, per Wisconsin Department of Natural Resources Publication RR-519-97, dated April 1997.

\*\*Photoionization Detector (PID) calibrated to 100 parts per million isobutylene.

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

**26** NR 720 Residual Contaminant Levels (RCL) exceedance. RCLs based on protection of groundwater.

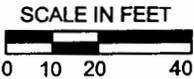
**125** NR 746 Table 1 screening levels exceedance. Indicators of residual petroleum products in soil pores.



MONROE STREET

**LEGEND**

- T — BURIED PHONE/COMMUNICATION LINE
- — BURIED ELECTRICAL
- ⊕ GROUNDWATER MONITORING WELL
- ⊕ GEOPROBE SOIL AND WATER SAMPLE
- ⊕ GEOPROBE SOIL SAMPLE
-  ESTIMATED GROUNDWATER CONTAMINATION

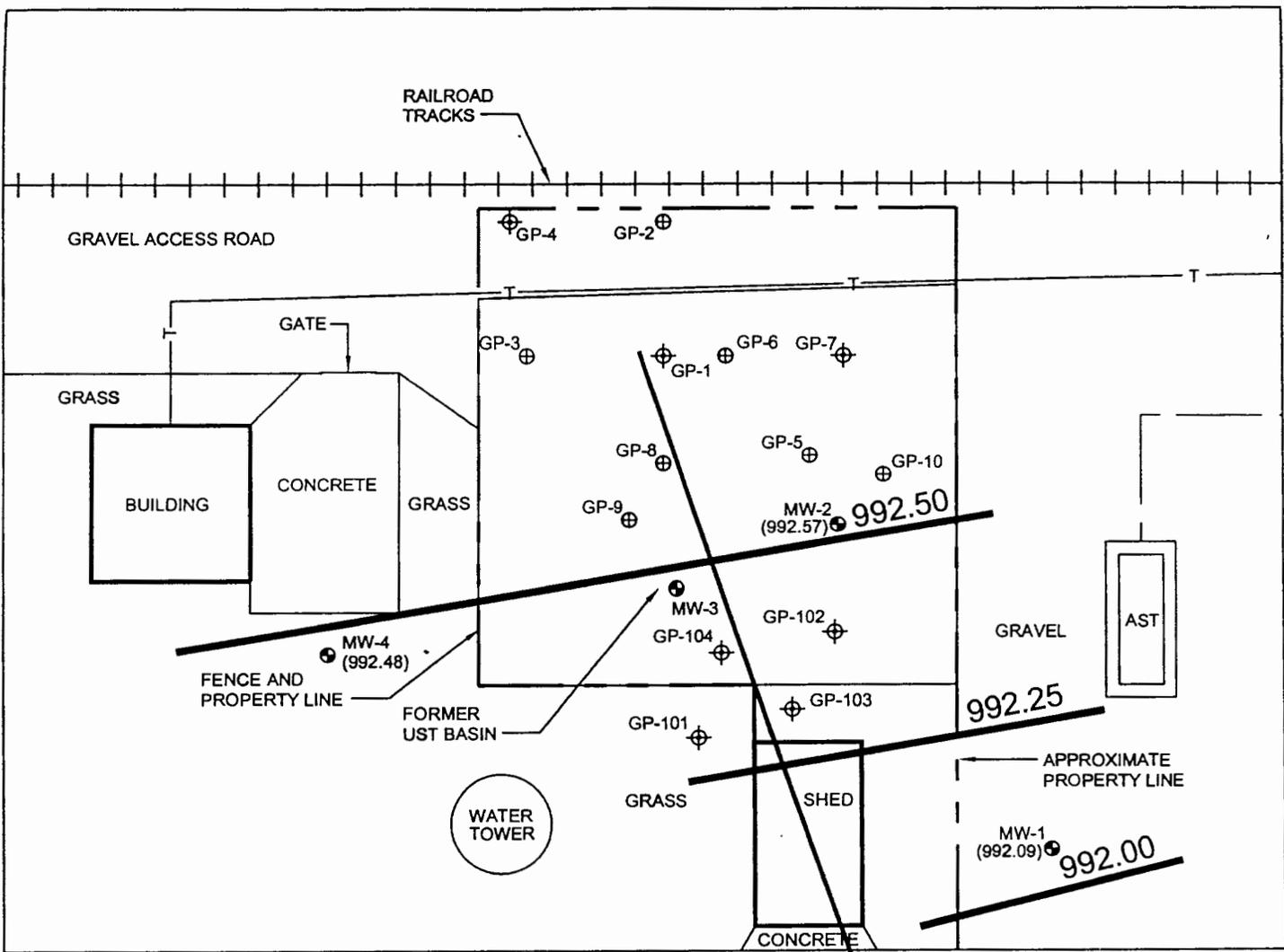


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ESTIMATED AREA OF  
GROUNDWATER CONTAMINATION  
OCONTO FALLS MUNICIPAL UTILITY  
OCONTO FALLS, WI

DRAWN BY:	J.B.
CHECKED BY:	
APPROVED BY:	
DATE:	AUGUST 2005
PROJECT NO.:	35620500
DWG NO.:	
<b>FIGURE 3</b>	
DWG FILE: L:\Environmental Drafting\35620500\FIG2.DWG	



MONROE STREET

**LEGEND**

- T — BURIED PHONE/COMMUNICATION LINE
- — BURIED ELECTRICAL
- GROUNDWATER MONITORING WELL
- ⊕ GEOPROBE SOIL AND WATER SAMPLE
- ⊕ GEOPROBE SOIL SAMPLE
- GROUNDWATER CONTOUR
- (###) GROUNDWATER ELEVATION (MW-3 EXCLUDED)



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GROUNDWATER CONTOUR MAP  
8-10-05  
OCONTO FALLS MUNICIPAL UTILITY  
OCONTO FALLS, WI

DRAWN BY:	
CHECKED BY:	
APPROVED BY:	
DATE:	AUGUST 2005
PROJECT:	35620500
DNR NO.:	
FIGURE:	4
CAD FILE:	Used in Project L:\35620500.dwg

### Responsible Party Statement

By signing this document, I, Charles Grady, Jr., Utility Manager for the Village of Oconto Falls, attest that the legal description as recorded on the Warranty Deed recorded on January 9, 2004, in Document No. 553333, Oconto County, Wisconsin, is correct for the Former Malcomson Bulk Plant Property located at 215 Monroe Street in Oconto Falls, Wisconsin.

Charles Grady Jr.

Charles Grady, Jr.  
Village of Oconto Falls

7-5-05

Date