

GIS REGISTRY INFORMATION

SITE NAME: Menominee County Highway Department
BRRTS #: 03-40-114229 **FID # (if appropriate):** _____
COMMERCE # (if appropriate): _____
CLOSURE DATE: 01/30/2003
STREET ADDRESS: State Highway 55
CITY: Keshena

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):
 X= 626335 Y= 491605

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: _____

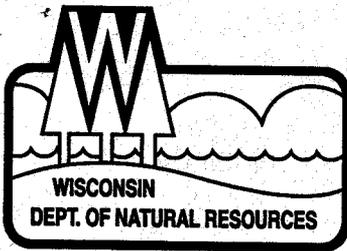
GPS COORDINATES (meters in WTM91 projection): X= _____ Y= _____

CONTAMINATION IN RIGHT OF WAY: Yes No

DOCUMENTS NEEDED:

- Closure Letter, and any conditional closure letter issued
- Copy of most recent deed, including legal description, for all affected properties
- Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties
- County Parcel ID number, if used for county, for all affected properties
- 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.
- 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.
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)
- Tables of Latest Soil Analytical Results (no shading or cross-hatching)
- 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.
- GW: Table of water level elevations, with sampling dates, and free product noted if present
- GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)
- SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour
- Geologic cross-sections, if required for SI. (8.5x14" if paper copy)
- RP certified statement that legal descriptions are complete and accurate
- Copies of off-source notification letters (if applicable)
- Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)
- Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure

X
X
X
X
X
X
X



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Shawano Field Office
647 Lakelande Road
Shawano, Wisconsin 54166
Telephone 715-524-2183
FAX 715-524-3214

January 30, 2003

COPY

Menominee County
Attn: Ron Corn
P.O. Box 279
Keshena, WI 54135

SUBJECT: Final Case Closure by Closure Committee
Menominee County Highway Department, State Highway 55, Keshena,
WI 54135,
WDNR BRRTS #: 03-40-114229

Dear Mr. Ron Corn:

On February 15, 2002 your site as described above was reviewed for closure by the Department's Northeast 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 February 15, 2002, you were notified that the Closure Committee had granted conditional closure to this case.

On January 6, 2003 the Department received correspondence indicating that you have complied with the conditions of closure. A statement signed by the responsible party that certifies that the legal descriptions that are attached to the statement are complete and accurate for all properties within or partially within the contaminated site's boundaries that have groundwater contamination that exceeds ch. NR140 enforcement standards at the time closure, has been received. 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 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 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 715-526-4230.

Sincerely,



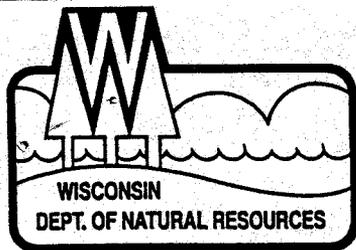
Tom Sturm

Hydrogeologist

Bureau for Remediation & Redevelopment

Y900 COPY

cc: Thomas O'Neil - Miller Engineers and Scientists, 1119 West Kennedy Ave., Suite A.,
Kimberly, WI 54136



Scott McCallum, Governor
Darrell Bazzell, Secretary
Ronald W. Kazmierczak, Regional Director

Shawano Office
647 Lakeland Rd.
Shawano, Wisconsin 54166-3843
Telephone 715-524-2183
FAX 715-524-3214

February 15, 2002

Menominee County
Att: Ron corn
PO Box 279
Keshena, WI 54135

COPY

*Updated
H. K. K.*

Subject: Conditional Case Closure
Menominee County Highway Department, STH 55, Keshena Wisconsin
WDNR BRRTS # 03-40-114229

Dear Mr. Corn:

On January 28, 2002, your request for closure of the case described above was reviewed by the Department's Northeast Region Closure Committee. The 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 committee has determined that the contamination on the site from the former underground storage tank appears to have been investigated and remediated to the extent practicable under site conditions. Your case will be closed under s. NR 726.05, Wis. Adm. Code, 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.. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw/ or provided by the Department of Natural Resources

WASTE AND SOIL PILE REMOVAL

Any remaining 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 waste and/or soil piles have been removed once that work is completed.

GROUNDWATER GIS REGISTRY

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Because your closure request was received after November 1, 2001 the date this new rule became effective requiring a \$250 fee, you will need to submit the fee as soon as possible so we can complete the closure. Information that was submitted with your closure request application will be included on the registry.

Most of the information that will be listed on the registry has already been submitted. However you will still need to submit the following as required by NR726.05(3)(a)4.f, Wisconsin

Administrative Code:

"A statement signed by the responsible party that certifies that the legal descriptions that are attached to the statement are complete and accurate for all properties within or partially within the contaminated site's boundaries that have groundwater contamination that exceeds ch. NR140 enforcement standards at the time closure is requested."

To review the sites on the GIS Registry web page, visit
<http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

Residual soil contamination remains at GP-1 as noted on Figure 2 submitted in the closure request as indicated in the information submitted to the Department of Natural Resources. If soil in this location is excavated in the future, the property owner at that time will be required to sample and analyze the excavated soil in order to determine whether the contamination still remains. The owner will also have to properly store, treat, or dispose of any excavated materials, based upon the results of that characterization, and take special precautions during excavation activities to prevent a direct contact threat to humans.

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.

State Statute 101.143 requires that PECFA claimants seeking reimbursement of interest costs, 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 715-525-4230.

Sincerely,



Tom Sturm
Hydrogeologist
Remediation and Redevelopment Program
Email: sturmt@dnr.state.wi.us

cc: Thomas O'Neil - Miller Engineers and Scientists, 1119 West Kennedy Ave., Suite A, Kimberly, WI 54136

This Indenture, Made this 2nd day of January, A. D. 1964,

between MEMONINEE ENTERPRISES, INC.
a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at
Neopit, Wisconsin, party of the first part, and
TOWN OF MEMONINEE, a Municipal Corporation
party of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of
One Dollar and other good and valuable consideration

to it paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged,
has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents
does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part
its heirs and assigns forever, the following described real estate, situated in the County
of Menominee and State of Wisconsin, to-wit:

Parcel No. 44, also known as Lot No. 1, of a Certified
Survey containing 7.6 acres more or less, (commonly known
as Menominee County Highway Shop property), recorded in
Vol. 1, Pages 41-42, Miscellaneous Certified Surveys of
Menominee County.

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise
appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first part,
either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their
hereditaments and appurtenances.

To Have and to Hold the said premises as above described with the hereditaments and appurtenances, unto
the said party of the second part, and to its heirs and assigns FOREVER.

And the said MEMONINEE ENTERPRISES, INC.
party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party
of the second part, its heirs and assigns, that at the time of the enrolling and delivery of these
presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of
inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever.

No Exceptions

and that the above bargained premises in the quiet and peaceable possession of the said party of the second
part, its heirs and assigns, against all and every person or persons lawfully claiming the whole
or any part thereof, it will forever WARRANT AND DEFEND.

In Witness Whereof, the said MEMONINEE ENTERPRISES, INC.
party of the first part, has caused these presents to be signed by Joe C. Parker
its President, and countersigned by A. D. Clements its Secretary,
at Neopit, Wisconsin, and its corporate seal to be hereunto affixed, this 2nd
day of JANUARY, A. D. 1964.

SIGNED AND SEALED IN PRESENCE OF

[Signature]
Douglas D. Winter

MEMONINEE ENTERPRISES, INC.

[Signature]
A. D. Clements
SECRETARY

State of Wisconsin,
Menominee County

THIS INSTRUMENT WAS DRAFTED BY
Lloyd G. Andrews

Personally came before me, this 2nd day of January, A. D. 1964,
Joe G. Parker, President, and A. D. Clements,
of the above named Corporation, to me known to be the persons who executed the foregoing instrument and known to be such President and Secretary of said Corporation, and acknowledged that they executed the instrument as such officers of the deed of said Corporation, by its authority.

Lloyd G. Andrews
Lloyd G. Andrews
Notary Public, Menominee Shawano
My commission expires Permanent A. D. 1970



Notary
Menominee E. Enterprises
Secy.
to
Town of Menominee
a Municipal Corp.

Premises

Warranty Deed

This instrument is filed in the public records of the State of Wisconsin.

REGISTRAR'S OFFICE,
State of Wisconsin,

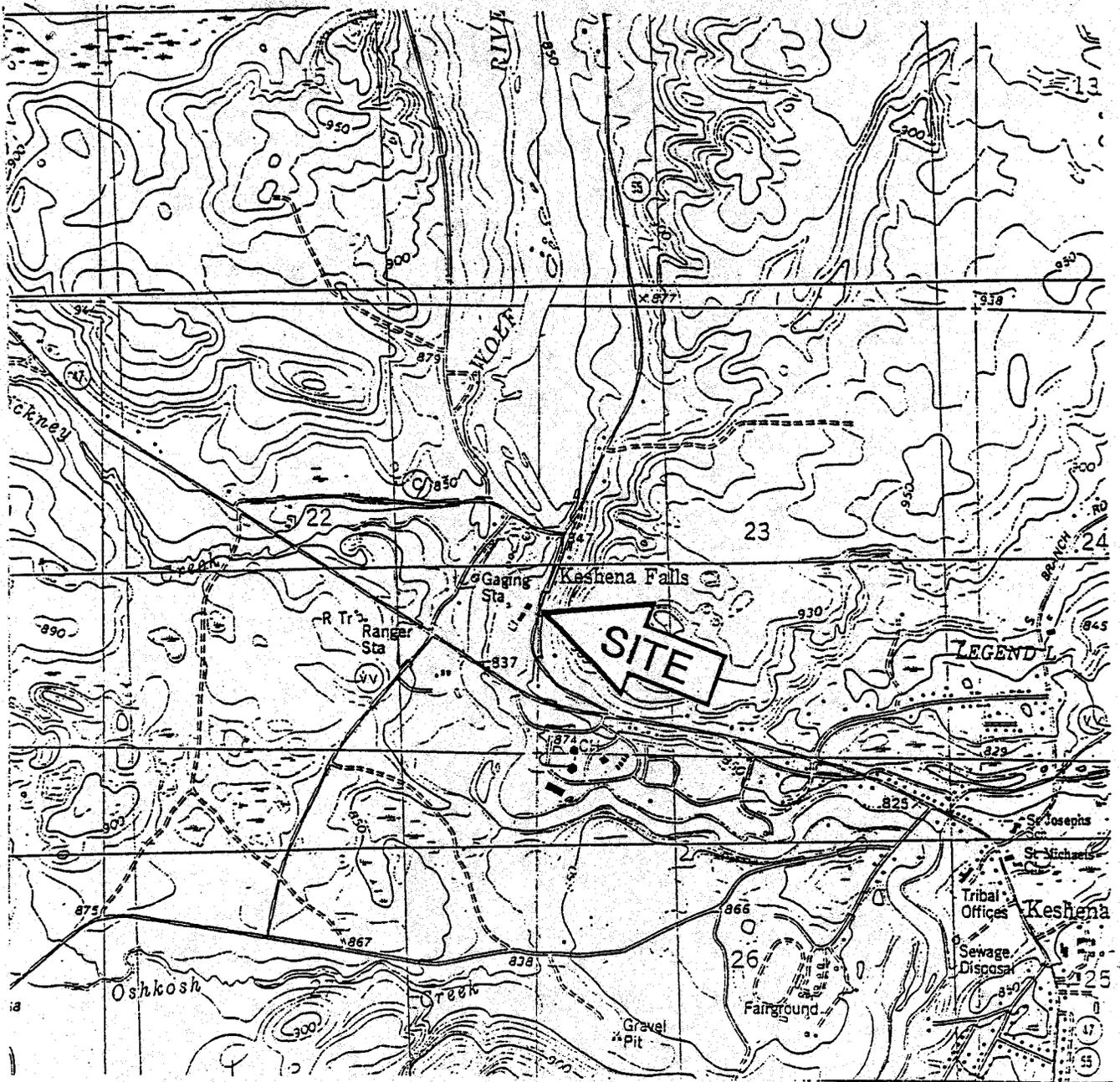
Menominee, County

Received for Record this 2nd day of
Sept., A. D. 1964.

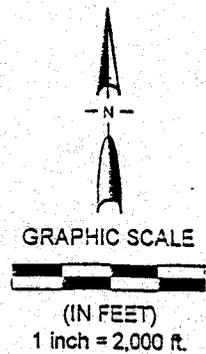
at 5 o'clock P. M. and recorded in
Book 529-530
Vol. 3 of Books, page 529-530

William P. Reed
Registrar of Deeds

Denary

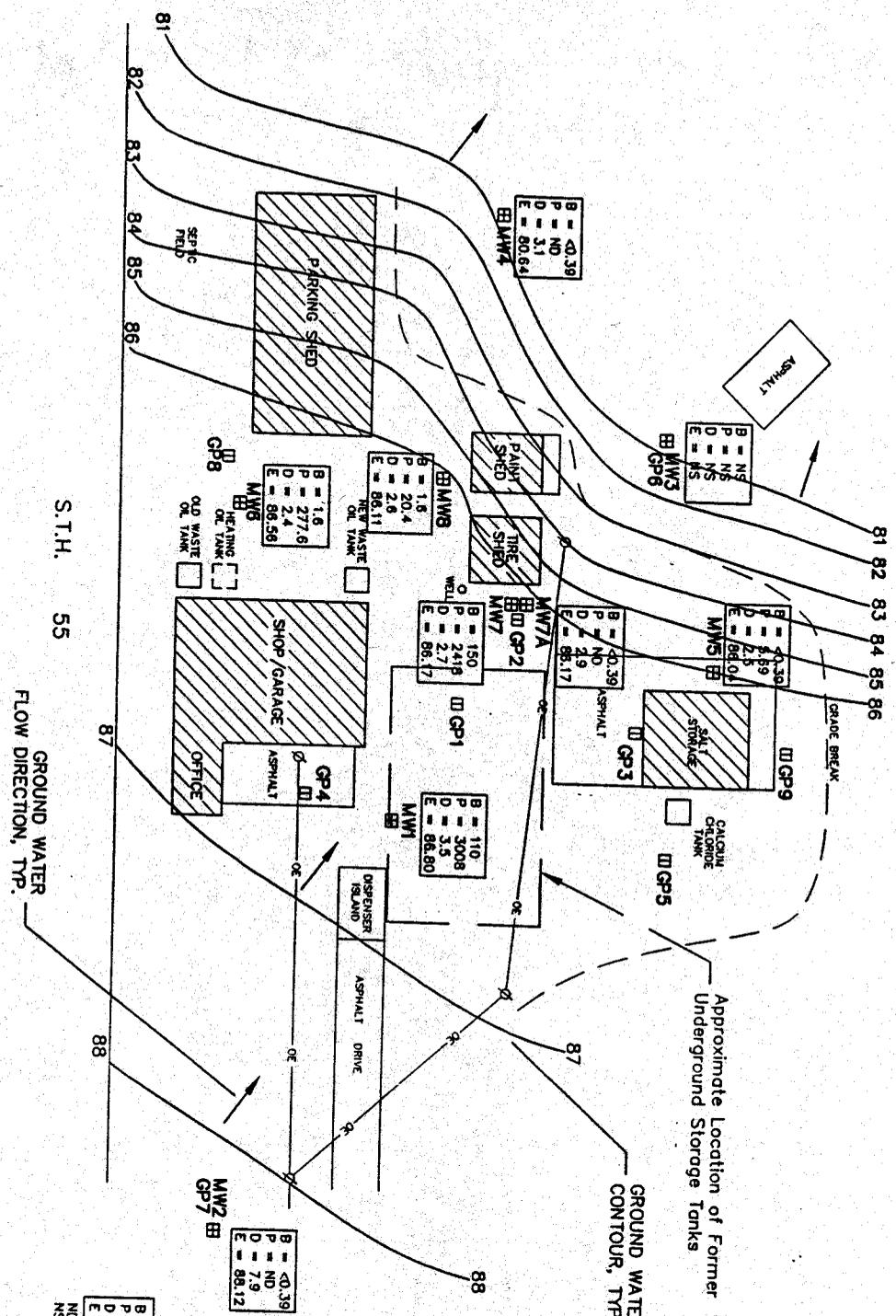


**KESHENA QUADRANGLE
 WISCONSIN-MENOMINEE COUNTY
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 NW/4 SHAWANO 15' QUADRANGLE**

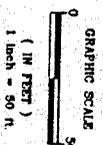


F-1	Date	02/03/99	By	LR	CLIENT:	MENOMINEE COUNTY
	Job No:	13749E	Ck	TMO	JOB:	COUNTY GARAGE/HIGHWAY DEPT.
					LOCATION:	S.T.H. 55 KESHENA, WISCONSIN

NOTE: SITE DATUM OF 100.00 FEET ESTABLISHED AT PK NAIL IN THE NORTH FACE OF THE POWER POLE IN THE NORTHEAST PART OF THE SITE.



B = BENZENE (ug/L)
 P = TOTAL PBOC (ug/L)
 D = DISS. OXYGEN
 E = GW ELEVATION (FT.)
 ND = NOT DETECTED
 NS = NOT SAMPLED



- LEGEND**
- UTILITIES**
- EXISTING
 - SANITARY SEWER
 - SANITARY LATERAL
 - STORM SEWER LATERAL
 - MANHOLE
 - CATCH BASIN
 - CURB INLET
 - CLEANOUT
 - WATER MAIN
 - WATER SERVICE
 - HYDRANT & VALVE
 - WATER VALVE
 - WATER METER
 - WATER STOP
 - WATER MAIN
 - GAS MAIN
 - GAS VALVE
 - GAS METER
- MISCELLANEOUS**
- OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - POWER POLE
 - ELECTRIC PEDESTAL
 - ELECTRIC TRANSFORMER
 - OVERHEAD TELEPHONE
 - UNDERGROUND TELEPHONE
 - TELEPHONE PEDESTAL
 - CABLE TV
- ENVIRONMENTAL**
- GROUND WATER MONITORING WELL
 - GROUND WATER RECOVERY WELL
 - GROUND WATER RECOVERY SHED
 - VAPOR MONITORING POINT
 - VAPOR EXTRACTION POINT
 - HYDROPHOBIC LOCATION
 - GEOPHONE
 - AIR SPRAYING POINT
- OTHER FEATURES**
- RIERS
 - POST
 - CONTIGUOUS
 - EASEMENTS
 - ROADWAY CENTERLINE

FIGURE 2: GROUNDWATER CONTOURS
 3/20/00

MILLER ENGINEERS SCIENTISTS 2308 South Fourth Street Sheboygan, Wisconsin 53081 414-458-9100		MENOMINEE COUNTY COUNTY GARAGE/HIGHWAY DEPT. S.T.H. 55 KESHENA, WISCONSIN	
DATE	BY	DATE	BY
8-3-00	KAV	8-3-00	KAV
13749E1E	THO		
SHEET		SHEET	
F-2		F-2	

TABLE 2
Historic Ground Water Natural Attenuation Monitoring Results

Menominee County Garage
Keshena, Wisconsin
Project #13749E

Date	Benzene (µg/L)	1,2-Dibromo- moethane (µg/L)	Methylene Chloride (µg/L)	Toluene (µg/L)	Trimethyl- benzenes (µg/L)	Xylenes (µg/L)	Total PVOC (µg/L)	Diss. Oxygen (mg/L)	REDOX Potential (mev)	pH	Diss. Fe (mg/L)	Diss. Mn (mg/L)	Nitrogen (mg/L)	Sulfate (mg/L)	Cond. (µmhos/cc)	Temp. (F)
06/04/97	24	1.5	<0.22	200	73	274	618.63	0.2	•	6.52	•	•	•	•	670	44
02/18/98	130	•	•	900	89	680	1952.3	0.7	•	6.83	•	•	•	•	970	38
05/28/98	92	5.6†	1.9†	830	87	750	1971.1	0.3	-272	6.72	•	•	•	•	1210	45
05/18/99	78	4.7	<0.29	640	271	1100	2189	3.1	•	6.92	•	•	•	•	1660	36
09/08/99	71	<3.5	<0.29	540	250	1020	1991	1.6	•	6.80	•	•	•	•	1230	44
12/29/99	110	<3.5	<20	830	300	1250	2600	6.4	•	7.02	•	•	•	•	980	34
03/20/00	110	7.4†	<5.7	1000	258	1500	3008	3.5	•	7.54	•	•	•	•	1620	33
MW2																
06/04/97	<0.41	<0.24	<0.22	<0.28	<0.55	<0.79	ND	5.7	•	6.77	•	•	•	•	4990	46
02/18/98	<0.16	•	•	<0.36	<0.64	<1.15	ND	0.7	•	6.68	•	•	•	•	1270	38
05/28/98	<0.26	•	•	<0.21	<1.4	<1.34	ND	3.4	194	7.25	•	•	•	•	1780	45
05/18/99	<0.32	•	•	<0.35	<0.99	<1	ND	5.3	•	7.19	•	•	•	•	810	36
09/08/99	<0.25	•	•	<0.38	<0.70	<1.04	ND	3.7	•	6.62	•	•	•	•	1320	46
12/29/99	<0.32	•	•	<0.35	<0.99	<1	ND	9.2	•	7.05	•	•	•	•	1010	34
03/20/00	<0.39	•	•	<0.37	<1.03	<1.4	ND	7.9	•	7.84	•	•	•	•	790	33
NR140 Ground Water																
Standard	Benzene	1,2-Dibromo- moethane	Methylene Chloride	Toluene	Trimethyl- benzenes	Xylenes	Total PVOC	Diss. Oxygen	REDOX Potential	pH	Diss. Fe	Diss. Mn	Nitrogen	Sulfate	Cond.	Temp.
Enforcement Standard (µg/L)	5	0.05	5	1000	5	200	480	10000	•	•	•	•	•	•	•	•
Preventive Action Limit (µg/L)	0.5	0.005	0.5	200	0.5	200	96	10000	•	•	•	•	•	•	•	•

PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)

ND = Not Detected Above Method Detection Limit

† = Analyte Detected Between Limit of Detection and Limit of Quantitation

• = Not Tested

TABLE 2 (cont.)
Historic Ground Water Natural Attenuation Monitoring Results

Menominee County Garage
Keshena, Wisconsin
Project #13749E

Date	1,2-Dibromo- moethane		Methylene Chloride	Toluene	Trimethyl- benzenes		Xylenes	Total PVOOC	Diss. Oxygen (mg/L)	REDOX Potential (mev)	pH	Diss. Fe (mg/L)	Diss. Mn (mg/L)	Nitrogen (mg/L)	Sulfate (mg/L)	Cond. (µmohs/cc)	Temp. (F)
	(µg/L)	(µg/L)			(µg/L)	(µg/L)											
06/04/97	8.4	<0.24	0.28 †	0.72 †	1.02 †	2.43	14.47	0.5	0.9	•	6.28	•	•	•	•	3250	45
02/18/98	3.1	•	•	1.5	0.3 †	<1.15	9.5	0.9	•	•	7.12	0.23	1.8	0.30	45	2310	38
05/28/98	9.7	<0.39	<0.36	1.9	0.25	1.88 †	18.8	0.3	-177	•	6.41	1.4	2.5	0.54	7.2	4870	45
05/18/99	18	•	•	0.56 †	0.45 †	1.9 †	23.21	2.6	•	•	6.80	2.8	2.2	0.66	32	3820	36
Well Damaged																	

Date	Benzene (µg/L)	1,2-Dibromo- moethane		Methylene Chloride	Toluene	Trimethyl- benzenes		Xylenes	Total PVOOC	Diss. Oxygen (mg/L)	REDOX Potential (mev)	pH	Diss. Fe (mg/L)	Diss. Mn (mg/L)	Nitrogen (mg/L)	Sulfate (mg/L)	Cond. (µmohs/cc)	Temp. (F)
		(µg/L)	(µg/L)			(µg/L)	(µg/L)											
06/04/97	<0.41	<0.24	0.4 †	<0.28	<0.55	<0.79	ND	0.2	•	•	6.37	6.4	5.2	0.77	26	3700	45	
02/18/98	<0.16	•	•	<0.36	<0.64	<1.15	5.47	0.5	•	•	6.75	<2.3	4.2	3.2	7.2	4650	45	
05/28/98	<0.27	<0.39	0.44 †	<0.27	<0.49	<0.67	5.47	0.4	10	•	6.46	<0.139	2.9	2.1	18	3530	36	
05/18/99	<0.32	•	•	<0.35	<0.99	<0.98	ND	2.4	•	•	5.71	<0.139	2.9	2.1	18	3530	36	
09/08/99	<0.32	•	•	<0.35	<0.99	<0.98	ND	2.9	•	•	6.57	<0.278	3.3	1.1	25	4290	46	
12/29/99	<0.32	•	•	<0.35	<0.99	<0.98	ND	3.0	•	•	6.80	<0.139	0.84	1.3	26	2340	35	
03/20/00	<0.39	<0.65	•	<0.37	<1.03	<1.43	ND	3.1	•	•	6.29	<0.139	3.8	1.3	23	3450	33	

NR140 Ground Water Standard	Benzene	1,2-Dibromo- moethane	Methylene- Chloride	Toluene	Trimethyl- benzenes	Xylenes
Enforcement Standard (µg/L)	5	0.05	5	1000	480	10000
Preventive Action Limit (µg/L)	0.5	0.005	0.5	200	96	1000

PVOOC = Petroleum Volatile Organic Compounds (EPA Method 8020)
 ND = Not Detected Above Method Detection Limit
 † = Analyte Detected Between Limit of Detection and Limit of Quantitation
 • = Not Tested

MWS

TABLE 2 (cont.)
Historic Ground Water Natural Attenuation Monitoring Results

Menominee County Garage
Keshena, Wisconsin
Project #13749E

Date	1,2-Dibromo- moethane		Methylene Chloride	Toluene	Trimethyl- benzenes		Total PVOC	Diss. Oxygen (mg/L)	REDOX Potential (mev)	pH	Diss. Fe (mg/L)	Diss. Mn (mg/L)	Nitrogen (mg/L)	Sulfate (mg/L)	Cond. (µmols/cc)	Temp. (F)
	(µg/L)	(µg/L)			(µg/L)	(µg/L)										
06/04/97	0.42	<0.24	0.43 †	<0.28	1.8	<0.79	12.8	0.9	•	7.02	•	•	•	•	2370	38
02/18/98	0.41 †	•	•	0.21 †	<1.4	1.3 †	4.1	0.3	-147	6.56	•	•	•	•	2760	45
05/28/98	0.33 †	•	•	<0.35	0.81 †	<1	1.58	1.8	•	6.80	•	•	•	•	2540	36
09/08/99	0.44 †	•	•	0.42 †	0.47 †	<1.04	1.33	1.5	•	6.52	•	•	•	•	3280	46
12/29/99	0.44 †	•	•	<0.35	<0.99	<1	0.44	3.6	•	6.93	•	•	•	•	3680	35
03/20/00	<0.39	•	•	0.68 †	2.6 †	1.9 †	5.69	2.5	•	6.92	•	•	•	•	1820	33

MW6

Date	1,2-Dibromo- moethane		Methylene Chloride	Toluene	Trimethyl- benzenes		Total PVOC	Diss. Oxygen (mg/L)	REDOX Potential (mev)	pH	Diss. Fe (mg/L)	Diss. Mn (mg/L)	Nitrogen (mg/L)	Sulfate (mg/L)	Cond. (µmols/cc)	Temp. (F)
	(µg/L)	(µg/L)			(µg/L)	(µg/L)										
06/04/97	0.44	<0.24	0.43 †	12	22.4	34	95.52	0.5	•	7.19	0.57	0.64	0.055	19	1060	38
02/18/98	1.1	•	•	19	82	166	298.01	0.4	-132	6.61	37	1.5	0.11	32	2260	45
05/28/98	<3.20	•	•	70	116	180	396	2.0	•	6.55	63	2.2	0.089	20	3920	36
09/08/99	0.44 †	•	•	14	26.1	60	111.54	1.0	•	6.85	7.3	0.72	0.16	31	1650	45
12/29/99	0.5	•	•	3.8	15.1	17	44.1	4.8	•	6.95	4.7	0.81	0.1	25	1700	35
03/20/00	1.6	•	•	78	44	130	277.6	2.4	•	6.8	18	1.1	0.023	21	1530	33

Standard	Benzene	1,2-Dibromo- moethane	Methylene Chloride	Toluene	Trimethyl- benzenes	Xylenes
Enforcement Standard (µg/L)	5	0.05	5	1000	480	10000
Preventive Action Limit (µg/L)	0.5	0.005	0.5	200	96	1000

PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)
 ND = Not Detected Above Method Detection Limit
 † = Analyte Detected Between Limit of Detection and Limit of Quantitation
 • = Not Tested

TABLE 2 (cont.)
Historic Ground Water Natural Attenuation Monitoring Results

Menominee County Garage
 Keshena, Wisconsin
 Project #13749E

Date	1,2-Dibro-moethane		Methylene Chloride		Toluene		Trimethyl-benzenes		Xylenes		Total PVOOC (µg/L)	Diss. Oxygen (mg/L)	REDOX Potential (mev)	pH	Diss. Fe (mg/L)	Diss. Mn (mg/L)	Nitrogen (mg/L)	Sulfate (mg/L)	Cond. (µmohs/cc)	Temp. (F)
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)										
06/04/97	140.0	2.4	0.88 †	280	212	777	1876.81	•	•	7.21	2.4	0.58	0.048	17	1450	38				
02/18/98	190	4.1 †	5.9 †	1500	334	1690	4291.1	0.4	-160	6.64	5.2	1.2	0.0062	7.2	1760	44				
05/28/98	270	•	<2.9	1500	440	2070	4750	1.8	•	6.74	8.1	2.5	<0.02	19	2520	38				
05/18/99	190	<3.5	<2.9	1000	331	1550	3431	0.9	•	6.65	5.5	1.8	<0.02	16	2160	44				
09/08/99	230	•	<20	1100	330	1520	3510	6.0	•	7.05	6.1	2	<0.02	14	1970	35				
12/29/99	150	<6.5	<5.7	770	188	1050	2418	2.7	•	6.93	4.9	1.7	0.014	10	1590	33				

MW7A

Date	1,2-Dibro-moethane		Methylene Chloride		Toluene		Trimethyl-benzenes		Xylenes		Total PVOOC (µg/L)	Diss. Oxygen (mg/L)	REDOX Potential (mev)	pH	Diss. Fe (mg/L)	Diss. Mn (mg/L)	Nitrogen (mg/L)	Sulfate (mg/L)	Cond. (µmohs/cc)	Temp. (F)	
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)											
06/04/97	<0.41	<0.24	0.26 †	<0.28	<0.55	<0.79	0.3	•	•	7.68	•	•	•	•	•	•	•	•	•	320	38
02/18/98	<0.26	•	•	0.21	<1.40	<1.34	0.21	3.4	-49	7.13	•	•	•	•	•	•	•	•	•	310	45
05/28/98	<0.32	•	<0.29	<0.35	<0.99	<0.98	ND	2.0	•	7.14	•	•	•	•	•	•	•	•	•	570	36
05/18/99	<0.32	•	<0.29	<0.35	<0.99	<0.98	ND	1.3	•	6.78	•	•	•	•	•	•	•	•	•	620	40
09/08/99	<0.32	<0.35	<2	<0.35	<0.99	<0.98	ND	5.6	•	6.92	•	•	•	•	•	•	•	•	•	500	35
12/29/99	<0.32	<0.35	<0.57	<0.37	<1.03	<1.43	ND	2.9	•	7.28	•	•	•	•	•	•	•	•	•	950	36
03/20/00	<0.39	<0.65																			

Well Not Constructed

Standard	Benzene	1,2-Dibro-moethane	Methylene Chloride	Toluene	Trimethyl-benzenes	Xylenes
NR140 Ground Water						
Enforcement Standard (ug/L)	5	0.05	5	1000	480	10000
Preventive Action Limit (ug/L)	0.5	0.005	0.5	200	96	1000

PVOOC = Petroleum Volatile Organic Compounds (EPA Method 8020)
 ND = Not Detected Above Method Detection Limit
 † = Analyte Detected Between Limit of Detection and Limit of Quantitation
 • = Not Tested

MW8

TABLE 2 (cont.)
Historic Ground Water Natural Attenuation Monitoring Results

Menominee County Garage
Keshena, Wisconsin
Project #13749E

Date	1,2-Dibromo- moethane		Methylene Chloride	Toluene		Trimethyl- benzenes		Xylenes	Total PVOC	Diss. Oxygen	REDOX Potential	pH	Diss. Fe	Diss. Mn	Nitrogen	Sulfate	Cond. (µmols/cc)	Temp. (F)
	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)											
06/04/97	2.6	<0.24	0.43 †	1.4	23.7	24.9	102.3	0.3	0.3	•	7.49	0.0049	0.73	0.099	15	780	38	
02/18/98	9.3	<0.39	<0.36	14	56.7	60	250.5	0.4	0.4	-32	6.74	0.035	0.41	<0.026	7.2	1480	45	
05/28/98	1 †	•	•	3.5	11.8 †	20.6	42.9	2.6	2.6	•	6.78	0.38 †	0.26	0.15	38	2070	36	
09/08/99	1.2	•	•	<0.35	2.13 †	3.61 †	12.44	2.0	2.0	•	7.00	0.22 †	0.16	0.14	14	570	45	
12/29/99	2.4	•	•	2.4	17.5 †	33	59.3	2.5	2.5	•	7.24	0.20 †	0.17	0.13	12	640	35	
03/20/00	1.6	•	•	<0.37	5.9 †	9.0	20.4	2.6	2.6	•	6.6	0.21 †	0.26	0.18	35	1100	33	

Well Not Constructed

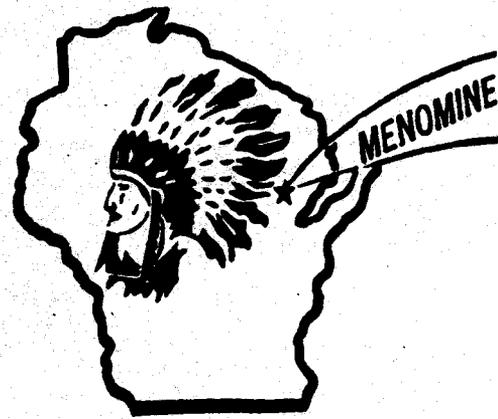
Date	1,2-Dibromo- moethane		Methylene Chloride	Toluene		Trimethyl- benzenes		Xylenes	Total PVOC	Diss. Oxygen	REDOX Potential	pH	Diss. Fe	Diss. Mn	Nitrogen	Sulfate	Cond. (µmols/cc)	Temp. (F)
	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)	(µg/L)											
06/04/97	<0.41	<0.24	<0.22	<0.28	<0.55	<0.79	ND	•	ND	•	7.17	•	•	•	•	•	350	70
07/15/97	<0.41	<0.24	<0.22	<0.28	<0.55	<0.28	ND	•	ND	•	•	•	•	•	•	•	•	•
02/23/98	<0.41	<0.24	<0.22	<0.28	<0.55	<0.28	ND	•	ND	•	•	•	•	•	•	•	•	•
05/28/98	<0.27	<0.39	<0.36	<0.27	<0.49	<0.67	ND	•	ND	•	6.9	•	•	•	•	•	430	55
05/18/99	<0.32	<0.35	<0.29	<0.35	<0.99	<0.98	ND	•	ND	•	6.40	•	•	•	•	•	790	42
09/08/99	<0.32	<0.35	<0.29	<0.35	<0.99	<0.98	ND	•	ND	•	7.02	•	•	•	•	•	410	45
12/29/99	<0.32	<0.35	<2	<0.35	<0.99	<0.98	ND	•	ND	•	7.52	•	•	•	•	•	410	40
03/20/00	<0.39	<0.65	<0.57	<0.37	<1.03	<1.43	ND	•	ND	•	7.46	•	•	•	•	•	400	35

NR 140 Ground Water Standard	Benzene	1,2-Dibromo- moethane	Methylene Chloride	Toluene	Trimethyl- benzenes	Xylenes
Enforcement Standard (µg/L)	5	0.05	5	1000	480	10000
Preventive Action Limit (µg/L)	0.5	0.005	0.5	200	96	1000

PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)
 ND = Not Detected Above Method Detection Limit
 † = Analyte Detected Between Limit of Detection and Limit of Quantitation
 • = Not Tested
 Value µg/ml (1775) µg/liter x 10⁻²

**Office of County Coordinator
MENOMINEE COUNTY COURTHOUSE**

**P.O. BOX 279
KESHENA, WISCONSIN 54135
(715) 799-3024**



January 6, 2003

Tom Sturm, WDNR
Shawano Office
647 Lakeland Road
Shawano, WI 54166

Dear Tom:

Enclosed you will find a copy of the property deed for the Menominee County Highway site. The property described on the deed is accurate and encompasses the area of remaining contamination as described in our request for conditional case closure.

If you have any questions or concerns please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to be the initials 'R' followed by a horizontal line.

Ron Corn, Administrative Coordinator

cc: Peter Pitner, Miller Engineers
File