GIS REGISTRY INFORMATION

SITE NAME: Miller of St. Nazianz

BRRTS #: 03-36-000917 **FID # (if appropriate):**

COMMERCE # (if appropriate):

CLOSURE DATE: 12/12/2003

STREET ADDRESS: 511 East Main Street

CITY: St. Nazianz

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): **X=** 687099 **Y=** 394793

CONTAMINATED MEDIA: Groundwater [ ] Soil [ ] Both [X]

OFF-SOURCE GW CONTAMINATION >ES: [ ] Yes [X] 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 [X] No

IF YES, STREET ADDRESS 1:

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

CONTAMINATION IN RIGHT OF WAY: [ ] Yes [X] 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)	NA
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	NA
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	NA

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

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

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TTY Access via relay - 711

December 15, 2003

Mr. Mike Malesevich
Miller - St. Nazianz, Inc.
511 East Main Street
St. Nazianz, WI 54232

SUBJECT: Final Case Closure By Closure Committee With Conditions Met for the Miller of St. Nazianz site, 511 East Main Street, St. Nazianz, Wisconsin WDNR BRRTS # 03-36-000917

Dear Mr. Malesevich:

On February 3, 2003, your site as described above was reviewed for closure by the 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 6, 2003, you were notified that the Closure Committee had granted conditional closure to this case.

On December 12, 2003, the Department received final correspondence indicating that you have complied with the conditions of closure (soil and groundwater GIS registration, monitoring well abandonment and waste disposal documentation provided). 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 on December 12, 2003, 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 there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

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 in Green Bay at (920) 492-5921.

Sincerely,

Keld B. Lauridsen
Hydrogeologist
Remediation & Redevelopment Program

cc: Gerard Phelan, Alpha Terra Science,
1642 S. County Road O, Mosinee, WI 54455

STATE OF WISCONSIN - FORM NO. 4 (PHOTOSTAT)
WARRANTY DEED — To Corporation

DOCUMENT NO. 472996

Section 235.16, Wisconsin Statutes

This Indenture, Made this 12 day of July, A. D., 19 72, between Henry Koeppen and Lena Koeppen, his wife, part ies of the first part, and JOHN MILLER SUPPLY COMPANY, INC., a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at St. Nazianz, Wisconsin, party of the second part,

Witnesseth, That the said part ies of the first part, for and in consideration of the sum of One and 00/100 Dollar ($1.00) to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the County of Manitowoc and State of Wisconsin, to-wit:

Northeast Quarter of the Northwest Quarter (NE¼ NW¼) of Section Thirty (30), Township Eighteen (18) N., Range Twenty-two (22) E.

This deed is given to satisfy a Land Contract as recorded in Volume 425 of Records on page 577.

Dated November 12, 1968, and recodded November 22, 1968.

Exempt Sec. 77.25 (10)

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 part 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 successors and assigns FOREVER.

And the said Henry Koeppen and Lena Koeppen, his wife, part ies of the first part, for themselves, their heirs, executors and administrators, do covenant, grant, bargain, and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensealing and delivery of these presents they are 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,

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

In Witness Whereof, the said part ies of the first part ha ve hereunto set their hand s and seal s this 12 day of July, A. D. 19 72.

SIGNED AND SEALED IN PRESENCE OF

Diana Schroeder
DIANA SCHROEDER

Ethel Abler
ETHEL ABLER

Henry Koeppen (SEAL)
HENRY KOEPPEN

Lena Koeppen (SEAL)
LENA KOEPPEN

(SEAL)

(SEAL)

THIS INSTRUMENT WAS DRAFTED BY
Attorney Victor A. Miller

RECEIVED FOR RECORD
this 18 day of JUL 1972 PM 1 49 A. D. 19
at o'clock M. and recorded
in Vol. 485 Records page 661

Register of Deeds

Deputy Register of Deeds

STATE OF WISCONSIN, } ss.
Manitowoc COUNTY.
Personally came before me, this 12 day of July, A. D. 19 72 the above named Henry Koeppen and Lena Koeppen, his wife, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

NOTARY PUBLIC (SEAL) STATE OF WISCONSIN

Diana Schroeder
DIANA SCHROEDER
Notary Public, Manitowoc County, Wis
My commission expires 3/16/75.

661

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary. Section 59.511 similarly requires that the name of the person who, or governmental agency which, drafted such instrument, shall be printed, typewritten, stamped or written thereon in a legible manner).

9-210

DOCUMENT NO.
473363

STATE BAR OF WISCONSIN—FORM 3
QUIT CLAIM DEED
THIS SPACE RESERVED FOR RECORDING DATA

RECEIVED FOR RECORD
1972 JUL 31 AM 10 55
Robert B. Brandl
REGISTER OF DEEDS

RETURN TO

BY THIS DEED, Miller Farms, a partnership
Grantor,
quit-claims to John Miller Supply Co., Inc.
a Wisconsin corporation, located at
St. Nazianz, Wisconsin
Grantee, for a valuable consideration
One Dollar ($1.00)
the following described real estate in Manitowoc County, State of Wisconsin:

Tax Key #
This is homestead property.

The Northeast Quarter of the Northwest Quarter (NE¼ NW¼) of Section Thirty (30), Township Eighteen (18) N., Range Twenty-two (22) East,

Now being a part of the Village of St. Nazianz.

T.F. Exempt: Sec. 77.25(3)

Executed at St. Nazianz, Wisconsin this 12 day of July, 19 72.

MILLER FARMS:

SIGNED AND SEALED IN PRESENCE OF

Diana Schroeder
DIANA SCHROEDER

Ethel Abler
ETHEL ABLER

Clarence J. Miller (SEAL)
CLARENCE J. MILLER, partner

V. A. Miller (SEAL)
VICTOR A. MILLER, partner

(SEAL)

(SEAL)

Signatures of
authenticated this day of , 19

Title: Member State Bar of Wisconsin or Other Party
Authorized under Sec. 706.06 viz.

STATE OF WISCONSIN
Manitowoc County, } ss.
Personally came before me, this 12 day of July, 19 72
the above named Clarence J. Miller and Victor A. Miller
to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Diana Schroeder
DIANA SCHROEDER
Notary Public Manitowoc County, Wis.
My Commission (Expires) 3/16/75.

This instrument was drafted by
Attorney Victor A. Miller

The use of witnesses is optional.

441

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

QUIT CLAIM DEED-STATE BAR OF WISCONSIN, FORM NO. 3 – 1971

H.C. Miller Company

RECEIVED FOR RECORD
VOL. 717 PAGE 376
1989 JUL 24 AM 8:35
MANITOWOC COUNTY, WIS.
PRESTON JONES
REGISTER OF DEEDS

657850

VILLAGE OF ST. NAZIANZ
MANITOWOC COUNTY, WISCONSIN

RESOLUTION VACATING 8TH AVENUE IN THE VILLAGE OF ST. NAZIANZ, MANITOWOC COUNTY, WISCONSIN.

WHEREAS, the Village Board of the Village of St. Nazianz received a petition from Miller - St. Nazianz, Inc. dated June 20, 1989 to discontinue 8th Avenue; and

WHEREAS, Notice of Pendency of the Application to vacate 8th Avenue was recorded on June 20, 1989 at the Office of the Register of Deeds for Manitowoc County as Document No. 656838; and

WHEREAS, notice of the petition was published in the Manitowoc Herald Times as a Class 3 notice as required by law; and

WHEREAS, the petition to vacate the street was signed by all of the abutting owners and the petition is to vacate the entire street, and not just a portion thereof; and

WHEREAS, no written objections to the proposed discontinuance were filed with the Village Clerk; and

WHEREAS, the Village Board, after hearing any comments at the public hearing on the petition to discontinue and vacate 8th Avenue, deems it in the public interest that 8th Avenue be discontinued and vacated;

NOW, THEREFORE, BE IT RESOLVED, that 8th Avenue in the Village of St. Nazianz, Manitowoc County, Wisconsin, described as follows, is hereby vacated and discontinued. 8th Avenue is described as follows:

The West 30 feet of the Northeast One-quarter of the Northwest One-quarter (NE 1/4 NW 1/4) of Section Thirty (30), Township Eighteen (18) North, Range Twenty-two (22) East, AND the East 30 feet of the Northwest One-quarter of the Northwest One-quarter (NW 1/4 NW 1/4) of Section Thirty (30), Township Eighteen (18) North, Range Twenty-two (22) East, Manitowoc County, Wisconsin.

BE IT FURTHER RESOLVED, that the above-described real estate, now vacated and discontinued, is deemed to be transferred to the abutting landowners as required by law, as follows:

To Miller - St. Nazianz, Inc., the entire street as described above.

BE IT FURTHER RESOLVED, that a certified copy of this resolution, together with a map showing the location of the vacated and discontinued street, be recorded in the Office of the Register of Deeds for Manitowoc County, all as prescribed in Section 840.11 of the Wisconsin Statutes.

ADOPTED: July 18, 1989.

VILLAGE OF ST. NAZIANZ

BY: Paul E. Schnell
Paul E. Schnell, President

ATTEST: Kay M. Mueller
Kay Mueller, Clerk

CERTIFICATION

Kay Mueller, being the Clerk of the Village of St. Nazianz, hereby certifies that the foregoing resolution is a true and correct copy of a resolution of the Village Board of the Village of St. Nazianz duly adopted at a regular meeting of said board on July 18, 1989. The original resolution is on file in my office.

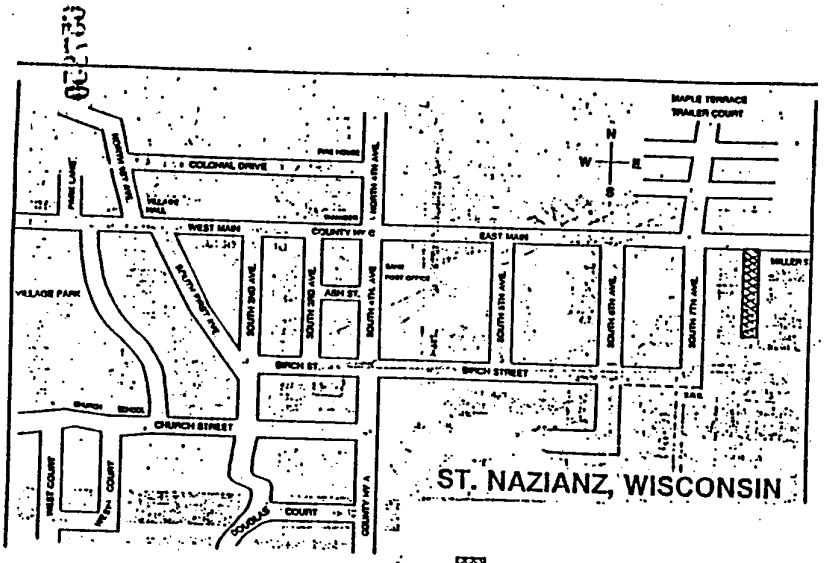
Dated: July 18, 1989.

Kay M. Mueller
Kay Mueller, Clerk

Subscribed and sworn to before me
this 18 day of July, 1989.

Katherine M. Reynolds
Notary Public, State of Wisconsin
My Commission is Permanent.

DRAFTED BY:
MILLER & MILLER, S.C.
P. O. Box 117
St. Nazianz, WI 54232
(414) 773-2811



= STREET DISCONTINUED AND VACATED

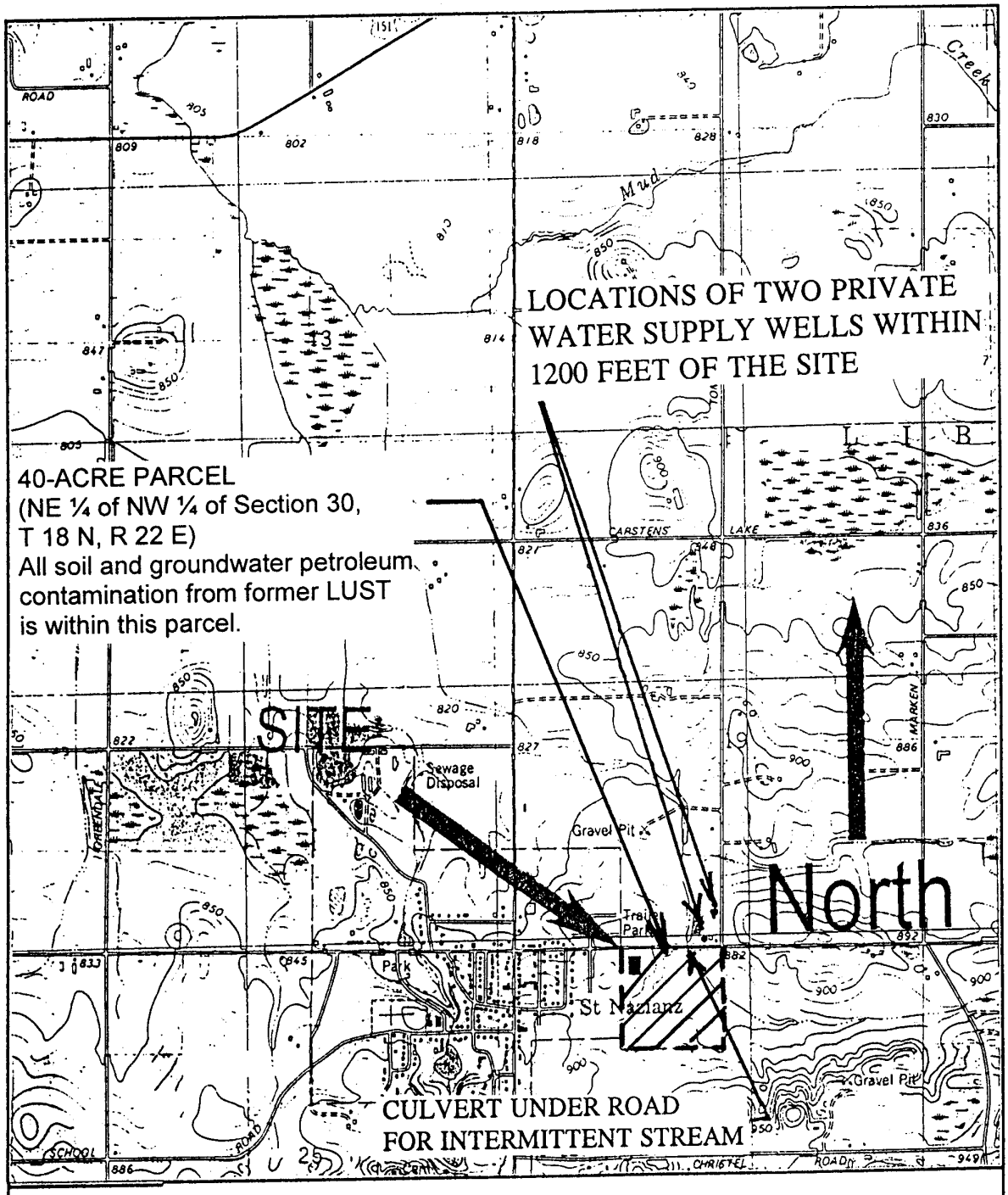


Figure 1. Site Location
Miller St. Nazianz Mfg Plant
St. Nazianz, Wisconsin

Scale: 1:24000

Source: United States Department of Interior: Geologic Survey; Valders Quadrangle, Wisconsin-Manitowoc Co.; 7.5 Minute Series (Topographic) 1978

GEOGRAPHIC POSITION
WTM91 projection of former LUST: 687099, 394793

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW1					NR140 ES/PAL (ug/l)
Sampling Date		31-May-95	1-Aug-96	24-Nov-97 Pre-RA	7-Jul-98 Post-RA	Note 8	
Parameter	Units						
VOC/PVOC							
Benzene	ug/l	<1	**3.3**	<0.5	<0.5		5/0.5
Ethyl Benzene	ug/l	<1	<1.8	<1.0	<1.0		700/140
Methyl-tert-butyl-ether	ug/l	<1	<1.6	<1.0	<1.0		60/12
Naphthalene	ug/l	<2	NA	NA	NA		40/8
Toluene	ug/l	<1	<1.4	<1.0	<1.0		1000/200
1,2,4-Trimethylbenzene	ug/l	<1	<1.9	<1.0	<1.0		See Note 2
1,3,5-Trimethylbenzene	ug/l	<1	<1.8	<1.0	<1.0		See Note 2
Total Xylene	ug/l	<2	<5.6	<2.0	<2.0		10,000/1000
Total BETX (calculated)	ug/l	*ND*	*3*	*ND*	*ND*		NS
LEAD							
Lead, Filtered	ug/l	<2.0	NA	NA	NA		15/1.5
GRO							
Gasoline Range Organics	ug/l	<50	<100	<50.0	<50.0		NS
DRO							
Diesel Range Organics	ug/l	120	350	See Note 6	126		NS
FIELD READINGS							
Field pH	-	NA	NA	6.65	NA		NS
Temperature	deg C	NA	NA	11.23	9.9		NS
Dissolved Oxygen	ppm	NA	NA	0.97	0.65		NS
Specific Conductance	mS/cm	NA	NA	1,543	NA		NS
Redox Potential	mV	NA	NA	526	NA		NS
NA PARAMETERS							
Methane	ug/l	NA	NA	20	NA		NS
Sulfate	mg/l	NA	NA	37.5	NA		250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	**69.9**	NA		44.27/8.854
Dissolved Iron	mg/l	NA	NA	<0.01	NA		0.3/0.15
Dissolved Manganese	mg/l	NA	NA	0.022	NA		0.05/0.025
Alkalinity	mg/l	NA	NA	645	NA		NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analyzed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold. Draft ES & PAL (in effect early 1999) for total Trimethylbenzene are 480 & 96 ug/l respectively,
(3) Non-Detected VOC parameters not shown unless they are on PVOC list.
(4) A duplicate of the August 1,1996 sample had a benzene value of 3.4 ug/l, other parameters had the same result
(5) A sample of free product taken from MW3 on May 31, 1995 was also analyzed. The analysis yielded 640,000 mg/l GRO and 206,000 mg/l DRO.
(6) Sample provided, but laboratory did not perform DRO analysis.
(7) Inaccessible on 1/18/99 due to frozen conditions.
(8) Mistakenly buried under new asphalt, spring 1999.

Key:

BOLD = PAL Exceedance
[ ] = ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW2					NR140 ES/PAL (ug/l)
Sampling Date		31-May-95	1-Aug-96	24-Nov-97	7-Jul-98	1-Jul-99	
Parameter	Units	Pre-RA	Pre-RA	Pre-RA	RA	Post-RA	
VOC/PVOC							
Benzene	ug/l	<1	<0.80	<0.5	<0.5	<0.26	5/0.5
Ethyl Benzene	ug/l	<1	<1.8	<1.0	<1.0	<0.24	700/140
Methyl-tert-butyl-ether	ug/l	<1	<1.6	<1.0	<1.0	<0.22	60/12
n-Propylbenzene	ug/l	<1	NA	NA	NA	NA	NS
Toluene	ug/l	<1	<1.4	<1.0	<1.0	2.2 [6]	1000/200
1,2,4-Trimethylbenzene	ug/l	<1	<1.9	<1.0	<1.0	<0.86	480/96
1,3,5-Trimethylbenzene	ug/l	<1	<1.8	<1.0	<1.0	<0.54	480/96
Total Xylene	ug/l	<2	<5.6	<2.0	<2.0	<1.34	10,000/1000
Total BETX (calculated)	ug/l	*ND*	*ND*	*ND*	*ND*	2.2 [6]	NS
LEAD							
Lead, Filtered	ug/l	<2.0	NA	NA	NA	NA	15/1.5
GRO							
Gasoline Range Organics	ug/l	<50	<100	<50.0	<50.0	<50	NS
DRO							
Diesel Range Organics	ug/l	<100	NA	NA	NA	NA	NS
FIELD READINGS							
Field pH	-	NA	NA	6.75	NA	7.15	NS
Temperature	deg C	NA	NA	11.37	9.6	9.1	NS
Dissolved Oxygen	ppm	NA	NA	2.79	3.04	1.93	NS
Specific Conductance	mS/cm	NA	NA	1,515	NA	NA	NS
Redox Potential	mV	NA	NA	526	NA	NA	NS
NA PARAMETERS							
Methane	ug/l	NA	NA	<0.5	NA	<10	NS
Sulfate	mg/l	NA	NA	22.3	NA	25	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	**58.0**	NA	**48.7**	44.27/8.854
Dissolved Iron	mg/l	NA	NA	<0.01	NA	<0.027	0.3/0.15
Dissolved Manganese	mg/l	NA	NA	0.009	NA	0.016	0.05/0.025
Alkalinity	mg/l	NA	NA	655	NA	530	NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analyzed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold. Draft ES & PAL (in effect early 1999) for total Trimethylbenzene are 480 & 96 ug/l respectively,
(3) Non-Detected VOC parameters not shown unless they are on PVOC list.
(4) A duplicate of the May 31, 1995 sample had the same results
(5) Inaccessible on 1/18/99 due to frozen conditions.
(6) Lab error.

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW2 - CONTINUED					NR140 ES/PAL (ug/l)
		Post-RA					
Sampling Date		3-May-00					
Parameter	Units	Post-RA					
VOC/PVOC							
Benzene	ug/l	<0.15					5/0.5
Ethyl Benzene	ug/l	<0.5					700/140
Methyl-tert-butyl-ether	ug/l	<0.3					60/12
n-Propylbenzene	ug/l	--					NS
Toluene	ug/l	<0.4					1000/200
1,2,4-Trimethylbenzene	ug/l	<0.4					480/96
1,3,5-Trimethylbenzene	ug/l	<0.15					480/96
Total Xylene	ug/l	<0.4					10,000/1000
Total BETX (calculated)	ug/l						NS
LEAD							
Lead, Filtered	ug/l	--					15/1.5
GRO							
Gasoline Range Organics	ug/l	<50					NS
DRO							
Diesel Range Organics	ug/l	--					NS
FIELD READINGS							
Field pH	-	7					NS
Temperature	deg C	8					NS
Dissolved Oxygen	ppm	5					NS
Specific Conductance	mS/cm	--					NS
Redox Potential	mV	--					NS
NA PARAMETERS							
Methane	ug/l	--					NS
Sulfate	mg/l	36					250/125
Nitrate + Nitrite (as NO_3)	mg/l	**27.5**					44.27/8.854
Dissolved Iron	mg/l	0.028					0.3/0.15
Dissolved Manganese	mg/l	**0.026**					0.05/0.025
Alkalinity	mg/l	--					NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analyzed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold. Draft ES & PAL (in effect early 1999) for total Trimethylbenzene are 480 & 96 ug/l respectively,
(3) Non-Detected VOC parameters not shown unless they are on PVOC list.
(4) A duplicate of the May 31, 1995 sample had the same results
(5) Inaccessible on 1/18/99 due to frozen conditions.
(6) Lab error.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW-3 (used as a recovery well)					NR140 ES/PAL (ug/l)
		RA	RA	RA	Post-RA	Post-RA	
Sampling Date		14-Jan-98	7-Jul-98	18-Jan-99	1-Jul-99	15-Oct-99	
Parameter	Units	(see Note 4)	(see Note 4)	(see Note 4)			
PVOC							
Benzene	ug/l	**8,930**	**554**	**280**	**5700**	**5100**	5/0.5
Ethyl Benzene	ug/l	**3,490**	**1,930**	**320**	**2700**	**3100**	700/140
Methyl-tert-butyl-ether	ug/l	<250	<100	<2.2	<28	<28	60/12
Toluene	ug/l	**29,700**	**5,890**	**1,600**	**25,000**	**24,000**	1000/200
1,2,4-Trimethylbenzene	ug/l	**4,300**	**5,800**	**840**	**2600**	**4400**	480/96
1,3,5-Trimethylbenzene	ug/l	**1,020**	**1,580**	**240**	**740**	**1200**	480/96
Total Xylene	ug/l	**19,510**	**10,570**	**2,140**	**13,700**	**15,900**	10,000/1000
Total BETX (calculated)	ug/l	*61,630*	*18,944*	*4,340*	*47,100*	*48,100*	NS
GRO							
Gasoline Range Organics	ug/l	87,270	54,700	10,000	69,000	80,000	NS
FIELD READINGS							
Field pH	-	NA	NA	NA	7.02	NA	NS
Temperature	deg C	NA	NA	NA	10.4	13	NS
Dissolved Oxygen	ppm	NA	NA	NA	0.21	0.27	NS
Specific Conductance	mS/cm	NA	NA	NA	NA	NA	NS
Redox Potential	mV	NA	NA	NA	NA	NA	NS
NA PARAMETERS							
Methane	ug/l	NA	NA	NA	<10	NA	NS
Sulfate	mg/l	NA	NA	NA	28	NA	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	NA	2.0	NA	44.27/8.854
Dissolved Iron	mg/l	NA	NA	NA	**5.2**	NA	0.3/0.15
Dissolved Manganese	mg/l	NA	NA	NA	**0.85**	NA	0.05/0.025
Alkalinity	mg/l	NA	NA	NA	540	NA	NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) Sample taken from sampling port. Results likely have a low bias due to volatilization during sampling.
(5) Well had free product in May, 1995. MW-3 not sampled prior to start of remediation system.
(6) Drop pipe removed and well bailed. Remediation system had been down for several weeks.

Key:

BOLD = PAL Exceedance
[ ] = ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW-3 - CONTINUED				NR140 ES/PAL (ug/l)
		Post-RA	Post-RA	Post-RA	Post-RA	
Sampling Date		3-May-00	22-May-02	21-Nov-02	21-Nov-02 DUPL	
Parameter	Units					
PVOC						
Benzene	ug/l	**3,910**	**1,900**	**3,200**	**3,900**	5/0.5
Ethyl Benzene	ug/l	**3,270**	**2,000**	**2,000**	**2,000**	700/140
Methyl-tert-butyl-ether	ug/l	<150	<32	<16	<16	60/12
Toluene	ug/l	**33,800**	**16,000**	**15,000**	**17,000**	1000/200
1,2,4-Trimethylbenzene	ug/l	**3,860**	**3,200**	**2,800**	**2,700**	480/96
1,3,5-Trimethylbenzene	ug/l	**990**	**810**	**710**	**700**	480/96
Total Xylene	ug/l	**20,080**	**16,000**	**15,000**	**15,000**	10,000/1000
Naphthalene	ug/l	NA	NA	**740**	**750**	40/8
Total BETX (calculated)	ug/l	61,060	35,900	35,200	37,900	NS
GRO						
Gasoline Range Organics	ug/l	72,600	53,000	56,000	57,000	NS
FIELD READINGS						
Field pH	-	7.07	NA	NA	NA	NS
Temperature	deg C	8.0	NA	NA	NA	NS
Dissolved Oxygen	ppm	1.29	NA	NA	NA	NS
Specific Conductance	mS/cm	NA	NA	NA	NA	NS
Redox Potential	mV	NA	NA	NA	NA	NS
NA PARAMETERS						
Methane	ug/l	NA	NA	NA	NA	NS
Sulfate	mg/l	13.3	NA	NA	NA	250/125
Nitrate + Nitrite (as NO_3)	mg/l	<1.33	NA	NA	NA	44.27/8.854
Dissolved Iron	mg/l	**6.63**	NA	NA	NA	0.3/0.15
Dissolved Manganese	mg/l	**0.606**	NA	NA	NA	0.05/0.025
Alkalinity	mg/l	NA	NA	NA	NA	NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) Sample taken from sampling port. Results likely have a low bias due to volatilization during sampling.
(5) Well had free product in May, 1995
(6) Drop pipe removed and well bailed. Remediation system had been down for several weeks.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW4							NR140 ES/PAL (ug/l)
		Pre-RA	Pre-RA	Pre-RA	Pre-RA	RA	Post-RA	Post-RA	
Sampling Date		31-May-95	1-Aug-96	24-Nov-97	24-Nov-97 Duplicate	7-Jul-98	1-Jul-99	15-Oct-99	
Parameter	Units								
VOC/PVOC									
Benzene	ug/l	**12,000**	**1,100**	**10,700**	**9,010**	**7,830**	**8,300**	**8,800**	5/0.5
Ethylbenzene	ug/l	**530**	**340**	**550**	**418**	**619**	**670**	**760**	700/140
Methyl-tert-butyl-ether	ug/l	ND	**130**	<200	<200	<200	**23**	**31**	60/12
Naphthalene	ug/l	<400	NA	NA	NA	NA	**82**	NA	40/8
Toluene	ug/l	**4,200**	**640**	**4,380**	**3,390**	**3,810**	**4,300**	**4,300**	1000/200
1,2,4-Trimethylbenzene	ug/l	ND	**130**	<200	<200	**196**	**220**	**280**	480/96
1,3,5-Trimethylbenzene	ug/l	ND	42	<200	<200	50.6	60	77	480/96
Total Xylene	ug/l	**1,390**	660	**1,363**	972	**1,744**	**1,790**	**1,930**	10,000/1000
Total BETX (calculated)	ug/l	*18,120*	*2,740*	*16,993*	*13,790*	*14,003*	*15,060*	*15,790*	NS
LEAD									
Lead, Filtered	ug/l	<2.0	NA	NA	NA	NA	NA	NA	15/1.5
GRO									
Gasoline Range Organics	ug/l	23,000	16,000	25,300	21,700	19,100	23,000	23,000	NS
DRO									
Diesel Range Organics	ug/l	2,600	NA	NA	NA	NA	NA	NA	NS
FIELD READINGS									
Field pH	-	NA	NA	6.51	NA	NA	7.23	NA	NS
Temperature	deg C	NA	NA	11.30	NA	10.1	9.7	12.7	NS
Dissolved Oxygen	ppm	NA	NA	1.66	NA	1.70	0.23	0.24	NS
Specific Conductance	mS/cm	NA	NA	1,651	NA	NA	NA	NA	NS
Redox Potential	mV	NA	NA	180	NA	NA	NA	NA	NS
NA PARAMETERS									
Methane	ug/l	NA	NA	110	97	NA	27	NA	NS
Sulfate	mg/l	NA	NA	<1.5	<1.5	NA	3.3	NA	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	<0.3	<1.3	NA	0.42	NA	44.27/8.854
Dissolved Iron	mg/l	NA	NA	**7.83**	**9.23**	NA	**3.6**	NA	0.3/0.15
Dissolved Manganese	mg/l	NA	NA	**1.23**	**0.991**	NA	**0.76**	NA	0.05/0.025
Alkalinity	mg/l	NA	NA	620	620	NA	630	NA	NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Non-Detected VOC parameters not shown unless they are on PVOC list.
(4) Inaccessible on 1/18/99 due to frozen conditions.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW4 - CONTINUED							NR140 ES/PAL (ug/l)
		Post-RA	Post-RA	Post-RA					
Sampling Date		3-May-00	22-May-02	21-Nov-02					
Parameter	Units								
VOC/PVOC									
Benzene	ug/l	**12,500**	**7,800**	**8,300**					5/0.5
Ethylbenzene	ug/l	**930**	**1,000**	**1,000**					700/140
Methyl-tert-butyl-ether	ug/l	<30	<32	<13					60/12
Naphthalene	ug/l	NA	NA	**140**					40/8
Toluene	ug/l	**6,280**	**3,300**	**2,100**					1000/200
1,2,4-Trimethylbenzene	ug/l	**259**	**340**	**290**					480/96
1,3,5-Trimethylbenzene	ug/l	53.1	84.0	59					480/96
Total Xylene	ug/l	**1,808**	**1,800**	**1,500**					10,000/1000
Total BETX (calculated)	ug/l	21,518	13,900	12,900					NS
LEAD									
Lead, Filtered	ug/l	NA	NA	NA					15/1.5
GRO									
Gasoline Range Organics	ug/l	30,200	16,000	15,000					NS
DRO									
Diesel Range Organics	ug/l	NA	NA	NA					NS
FIELD READINGS									
Field pH	-	7	NA	NA					NS
Temperature	deg C	8	NA	NA					NS
Dissolved Oxygen	ppm	0	NA	NA					NS
Specific Conductance	mS/cm	NA	NA	NA					NS
Redox Potential	mV	NA	NA	NA					NS
NA PARAMETERS									
Methane	ug/l	NA	NA	NA					NS
Sulfate	mg/l	<5	NA	NA					250/125
Nitrate + Nitrite (as NO_3)	mg/l	<1.33	NA	NA					44.27/8.854
Dissolved Iron	mg/l	**6**	NA	NA					0.3/0.15
Dissolved Manganese	mg/l	**0.552**	NA	NA					0.05/0.025
Alkalinity	mg/l	NA	NA	NA					NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Non-Detected VOC parameters not shown unless they are on PVOC list.
(4) Inaccessible on 1/18/99 due to frozen conditions.

Key:

BOLD = PAL Exceedance
[ ] = ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW5					NR140 ES/PAL (ug/l)
		Pre-RA	Pre-RA	Pre-RA	RA	RA	
Sampling Date		10-Jan-96	1-Aug-96	24-Nov-97	7-Jul-98	18/19-Jan-99 (See Note 4)	
Parameter	Units						
PVOC							
Benzene	ug/l	<1.0	<0.80	<0.5	<0.5	<0.26	5/0.5
Ethyl Benzene	ug/l	<1.0	<1.8	<1.0	<1.0	<0.24	700/140
Methyl-tert-butyl-ether	ug/l	<1.0	<1.6	<1.0	<1.0	<0.22	60/12
Toluene	ug/l	<1.0	<1.4	<1.0	<1.0	<0.21	1000/200
1,2,4-Trimethylbenzene	ug/l	<1.0	<1.9	<1.0	<1.0	<0.86	480/96
1,3,5-Trimethylbenzene	ug/l	<1.0	<1.8	<1.0	<1.0	<0.54	480/96
Total Xylene	ug/l	<2.0	<5.6	<2.0	<2.0	<0.97	10,000/1000
Total BETX (calculated)	ug/l	*ND*	*ND*	*ND*	*ND*	*ND*	NS
GRO							
Gasoline Range Organics	ug/l	<100	<100	<50.0	<50.0	<50.0	NS
FIELD READINGS							
Field pH	-	NA	NA	6.73	NA	NA	NS
Temperature	deg C	NA	NA	10.64	10.4	8.3	NS
Dissolved Oxygen	ppm	NA	NA	0.73	0.68	0.70	NS
Specific Conductance	mS/cm	NA	NA	1,276	NA	NA	NS
Redox Potential	mV	NA	NA	527	NA	NA	NS
NA PARAMETERS							
Methane	ug/l	NA	NA	<0.5	NA	<0.9	NS
Sulfate	mg/l	NA	NA	14.4	NA	15	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	**13.6**	NA	4.43	44.27/8.854
Dissolved Iron	mg/l	NA	NA	0.018	NA	<0.047	0.3/0.15
Dissolved Manganese	mg/l	NA	NA	**0.410**	NA	**0.33**	0.05/0.025
Alkalinity	mg/l	NA	NA	363	NA	360	NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) Field Readings Taken 1/18/99, Samples Taken 1/19/99.
(5) Lab error.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW5 - CONTINUED					NR140 ES/PAL (ug/l)
		Post-RA	Post-RA				
Sampling Date		1-Jul-99	3-May-00				
Parameter	Units						
PVOC							
Benzene	ug/l	<0.26	<0.15				5/0.5
Ethyl Benzene	ug/l	<0.24	<0.5				700/140
Methyl-tert-butyl-ether	ug/l	<0.22	<0.3				60/12
Toluene	ug/l	2.6 [5]	<0.4				1000/200
1,2,4-Trimethylbenzene	ug/l	<0.86	<0.4				480/96
1,3,5-Trimethylbenzene	ug/l	<0.54	<0.15				480/96
Total Xylene	ug/l	<0.97	<0.4				10,000/1000
Total BETX (calculated)	ug/l	*ND*	*ND*				NS
GRO							
Gasoline Range Organics	ug/l	<50	<50				NS
FIELD READINGS							
Field pH	-	7.45					NS
Temperature	deg C	9.5					NS
Dissolved Oxygen	ppm	0.62					NS
Specific Conductance	mS/cm	NA					NS
Redox Potential	mV	NA					NS
NA PARAMETERS							
Methane	ug/l	<10	NA				NS
Sulfate	mg/l	14	14.5				250/125
Nitrate + Nitrite (as NO_3)	mg/l	**13.7**	13				44.27/8.854
Dissolved Iron	mg/l	<0.027	0.033				0.3/0.15
Dissolved Manganese	mg/l	**0.350**	0.474				0.05/0.025
Alkalinity	mg/l	360	NA				NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) Field Readings Taken 1/18/99, Samples Taken 1/19/99.
(5) Lab error.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW6					NR140 ES/PAL (ug/l)
		Pre-RA	Pre-RA	Pre-RA	RA	RA	
Sampling Date		10-Jan-96	1-Aug-96	24-Nov-97	7-Jul-98	18/19-Jan-99 (See Note 5)	
Parameter	Units						
PVOC							
Benzene	ug/l	<1.0	<0.80	<0.5	<0.5	<0.26	5/0.5
Ethyl Benzene	ug/l	<1.0	<1.8	<1.0	<1.0	<0.24	700/140
Methyl-tert-butyl-ether	ug/l	<1.0	<1.6	<1.0	<1.0	<0.22	60/12
Toluene	ug/l	<1.0	<1.4	<1.0	<1.0	<0.21	1000/200
1,2,4-Trimethylbenzene	ug/l	<1.0	<1.9	<1.0	<1.0	<0.86	480/96
1,3,5-Trimethylbenzene	ug/l	<1.0	<1.8	<1.0	<1.0	<0.54	480/96
Total Xylene	ug/l	<2.0	<5.6	<2.0	<2.0	<0.97	10,000/1000
Total BETX (calculated)	ug/l	*ND*	*ND*	*ND*	*ND*	*ND*	NS
GRO							
Gasoline Range Organics	ug/l	<100	<100	<50	<50	<50	NS
FIELD READINGS							
Field pH	-	NA	NA	6.86	NA	NA	NS
Temperature	deg C	NA	NA	9.88	13.5	5.6	NS
Dissolved Oxygen	ppm	NA	NA	1.81	0.65	5.78	NS
Specific Conductance	mS/cm	NA	NA	1,235	NA	NA	NS
Redox Potential	mV	NA	NA	524	NA	NA	NS
NA PARAMETERS							
Methane	ug/l	NA	NA	21	NA	<0.9	NS
Sulfate	mg/l	NA	NA	25.9	NA	20	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	**28.40**	NA	**10.60**	44.27/8.854
Dissolved Iron	mg/l	NA	NA	0.017	NA	<0.047	0.3/0.15
Dissolved Manganese	mg/l	NA	NA	0.016	NA	0.012	0.05/0.025
Alkalinity	mg/l	NA	NA	393	NA	380	NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) A duplicate of the January 10, 1996 sample had the same results
(5) Field Readings Taken 1/18/99, Samples Taken 1/19/99.
(6) Lab error

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW6 - CONTINUED					NR140 ES/PAL (ug/l)
		Post-RA	Post-RA				
Sampling Date		1-Jul-99	3-May-00				
Parameter	Units						
PVOC							
Benzene	ug/l	<0.26	<0.15				5/0.5
Ethyl Benzene	ug/l	<0.24	<0.5				700/140
Methyl-tert-butyl-ether	ug/l	<0.22	<0.3				60/12
Toluene	ug/l	2.3 [6]	<0.4				1000/200
1,2,4-Trimethylbenzene	ug/l	<0.86	<0.4				480/96
1,3,5-Trimethylbenzene	ug/l	<0.54	<0.15				480/96
Total Xylene	ug/l	<0.97	<0.4				10,000/1000
Total BETX (calculated)	ug/l	*ND*	*ND*				NS
GRO							
Gasoline Range Organics	ug/l	<50	<50				NS
FIELD READINGS							
Field pH	-	NA	7				NS
Temperature	deg C	11.2	7.1				NS
Dissolved Oxygen	ppm	0.28	2.74				NS
Specific Conductance	mS/cm	NA	NA				NS
Redox Potential	mV	NA	NA				NS
NA PARAMETERS							
Methane	ug/l	<10	NA				NS
Sulfate	mg/l	16	12.70				250/125
Nitrate + Nitrite (as NO_3)	mg/l	8.85	**15.80**				44.27/8.854
Dissolved Iron	mg/l	0.046	0.01				0.3/0.15
Dissolved Manganese	mg/l	**0.039**	0.005				0.05/0.025
Alkalinity	mg/l	400	NA				NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) A duplicate of the January 10, 1996 sample had the same results
(5) Field Readings Taken 1/18/99, Samples Taken 1/19/99.
(6) Lab error

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. P6A							NR140 ES/PAL (ug/l)
		Pre-RA	Pre-RA	Pre-RA	RA	RA	Post-RA	Post-RA	
Sampling Date		10-Jan-96	1-Aug-96	24-Nov-97	7-Jul-98	18/19-Jan-99 (See Note 4)	1-Jul-99	3-May-00	
Parameter	Units								
PVOC									
Benzene	ug/l	<1.0	<0.80	<0.5	<0.5	<0.26	<0.26	<0.15	5/0.5
Ethyl Benzene	ug/l	<1.0	<1.8	<1.0	<1.0	<0.24	<0.24	<0.5	700/140
Methyl-tert-butyl-ether	ug/l	<1.0	<1.6	<1.0	<1.0	<0.22	<0.22	<0.3	60/12
Toluene	ug/l	<1.0	<1.4	<1.0	<1.0	<0.21	2.5 [6]	<0.4	1000/200
1,2,4-Trimethylbenzene	ug/l	<1.0	<1.9	<1.0	<1.0	<0.86	<0.86	<0.4	480/96
1,3,5-Trimethylbenzene	ug/l	<1.0	<1.8	<1.0	<1.0	<0.54	<0.54	<0.15	480/96
Total Xylene	ug/l	<2.0	<5.6	<2.0	<2.0	<0.97	<0.97	<0.4	10,000/1000
Total BETX (calculated)	ug/l	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	NS
GRO									
Gasoline Range Organics	ug/l	<100	<100	<50.0	<50.0	<50.0	<50.0	<50	NS
FIELD READINGS									
Field pH	-	NA	NA	7.71	NA	NA	NA	7.95	NS
Temperature	deg C	NA	NA	9.88	9.30	8.3	10.2	7.0	NS
Dissolved Oxygen	ppm	NA	NA	0.53	0.16	See Note 5	0.51	3.70	NS
Specific Conductance	mS/cm	NA	NA	294	NA	NA	NA	NA	NS
Redox Potential	mV	NA	NA	480	NA	NA	NA	NA	NS
NA PARAMETERS									
Methane	ug/l	NA	NA	<0.5	NA	28	22	NA	NS
Sulfate	mg/l	NA	NA	7.14	NA	<8.8	7.2	7.77	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	<1.3	NA	<0.075	<0.075	<1.33	44.27/8.854
Dissolved Iron	mg/l	NA	NA	0.058	NA	0.048	0.034	0.036	0.3/0.15
Dissolved Manganese	mg/l	NA	NA	<0.002	NA	0.0045	0.0057	0.0050	0.05/0.025
Alkalinity	mg/l	NA	NA	197	NA	180	210	NA	NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) Field Readings Taken 1/18/99, Samples Taken 1/19/99.
(5) An invalid reading of 19.00 mg/l was obtained.
(6) Lab error

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW7					NR140 ES/PAL (ug/l)
		Pre-RA	Pre-RA	Pre-RA	RA	RA	
Sampling Date		2-May-97	2-May-97	24-Nov-97	7-Jul-98	7-Jul-98	
Parameter	Units		Duplicate			Duplicate	
PVOC							
Benzene	ug/l	**12,000**	**7,240**	**8,400**	**5,940**	**6,770**	5/0.5
Ethyl Benzene	ug/l	**1,730**	**1,130**	**1,220**	**1,140**	**1,280**	700/140
Methyl-tert-butyl-ether	ug/l	<10.0	<10.0	<200	<200	<200	60/12
Toluene	ug/l	**13,300**	**8,410**	**11,200**	**7,040**	**7,900**	1000/200
1,2,4-Trimethylbenzene	ug/l	**732**	**742**	**521**	**567**	**629**	480/96
1,3,5-Trimethylbenzene	ug/l	**268**	**275**	<200	**173**	**194**	480/96
Total Xylene	ug/l	**4,580**	**3,080**	**3,670**	**2,805**	**3,190**	10,000/1000
Total BETX (calculated)	ug/l	*31,610*	*19,860*	*24,490*	*16,925*	*19,140*	NS
GRO							
Gasoline Range Organics	ug/l	38,300	16,300	33,000	25,100	28,600	NS
FIELD READINGS							
Field pH	-	NA	NA	6.64	NA	NA	NS
Temperature	deg C	NA	NA	10.14	8.7	NA	NS
Dissolved Oxygen	ppm	NA	NA	1.10	0.30	NA	NS
Specific Conductance	mS/cm	NA	NA	2,197	NA	NA	NS
Redox Potential	mV	NA	NA	265	NA	NA	NS
NA PARAMETERS							
Methane	ug/l	NA	NA	97	NA	NA	NS
Sulfate	mg/l	NA	NA	<1.5	NA	NA	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	<1.3	NA	NA	44.27/8.854
Dissolved Iron	mg/l	NA	NA	**4.93**	NA	NA	0.3/0.15
Dissolved Manganese	mg/l	NA	NA	**0.904**	NA	NA	0.05/0.025
Alkalinity	mg/l	NA	NA	534	NA	NA	NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) Field Readings Taken 1/18/99, Samples Taken 1/19/99.

Key:

BOLD = PAL Exceedance
[ ] = ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW7 - CONTINUED						NR140 ES/PAL (ug/l)
		RA	RA	Post-RA	Post-RA	Post-RA	Post-RA	
Sampling Date		18/19-Jan-99	18/19-Jan-99	1-Jul-99	15-Oct-99	3-May-00	3-May-00	
Parameter	Units	(See Note 4)	Duplicate				DUPL	
PVOC								
Benzene	ug/l	**4,600**	**4,500**	**3,800**	**3,400**	**3,580**	**3,420**	5/0.5
Ethyl Benzene	ug/l	**910**	**910**	**930**	**970**	**1,270**	**868**	700/140
Methyl-tert-butyl-ether	ug/l	**13**	**15**	**36**	**32**	<15	<15	60/12
Toluene	ug/l	**4,600**	**4,500**	**2,900**	**2,900**	**2,370**	**1,910**	1000/200
1,2,4-Trimethylbenzene	ug/l	**430**	**420**	**470**	**510**	**557**	**316**	480/96
1,3,5-Trimethylbenzene	ug/l	**150**	**140**	**170**	**170**	**180**	**101**	480/96
Total Xylene	ug/l	**1,680**	**1,680**	**1,460**	**1,640**	**1,748**	**1,169**	10,000/1000
Total BETX (calculated)	ug/l	*11,790*	*11,590*	*9,090*	*8,910*	*8,968*	*7,367*	NS
GRO								
Gasoline Range Organics	ug/l	18,000	17,000	15,000	15,000	13,400	11,300	NS
FIELD READINGS								
Field pH	-	NA	NA	7	NA			NS
Temperature	deg C	10.5	NA	8.7	10.6			NS
Dissolved Oxygen	ppm	0.63	NA	0.21	0.24			NS
Specific Conductance	mS/cm	NA	NA	NA	NA			NS
Redox Potential	mV	NA	NA	NA	NA			NS
NA PARAMETERS								
Methane	ug/l	49	NA	33	NA	NA	NA	NS
Sulfate	mg/l	19	NA	2	NA	<5	<5	250/125
Nitrate + Nitrite (as NO_3)	mg/l	<0.075	NA	<0.075	NA	<1.33	<1.33	44.27/8.854
Dissolved Iron	mg/l	**5.30**	NA	**5.1**	NA	**7.32**	**4.86**	0.3/0.15
Dissolved Manganese	mg/l	**0.77**	NA	**0.77**	NA	**0.13**	**0.608**	0.05/0.025
Alkalinity	mg/l	470	NA	540	NA	NA	NA	NS

Notes:

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(3) Table only includes parameters with detected amounts.
(4) Field Readings Taken 1/18/99, Samples Taken 1/19/99.

Key:

BOLD = PAL Exceedance
[ ] = ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW7 - CONTINUED						NR140 ES/PAL (ug/l)
		Post-RA	Post-RA					
Sampling Date		22-May-02	21-Nov-02					
Parameter	Units							
PVOC								
Benzene	ug/l	**1,100**	**1,200**					5/0.5
Ethyl Benzene	ug/l	**1,000**	**1,000**					700/140
Methyl-tert-butyl-ether	ug/l	<3.2	<1.9					60/12
Toluene	ug/l	**390**	**470**					1000/200
1,2,4-Trimethylbenzene	ug/l	**380**	**410**					480/96
1,3,5-Trimethylbenzene	ug/l	**160**	**190**					480/96
Total Xylene	ug/l	**1,000**	**1,200**					10,000/1000
Naphthalene	ug/l	NA	**300**					
Total BETX (calculated)	ug/l	3,490	3,870					NS
GRO								
Gasoline Range Organics	ug/l	6,500	7,800					NS
FIELD READINGS								
Field pH	-	NA	NA					NS
Temperature	deg C	NA	NA					NS
Dissolved Oxygen	ppm	NA	NA					NS
Specific Conductance	mS/cm	NA	NA					NS
Redox Potential	mV	NA	NA					NS
NA PARAMETERS								
Methane	ug/l	NA	NA					NS
Sulfate	mg/l	NA	NA					250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA					44.27/8.854
Dissolved Iron	mg/l	NA	NA					0.3/0.15
Dissolved Manganese	mg/l	NA	NA					0.05/0.025
Alkalinity	mg/l	NA	NA					NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW8					NR140 ES/PAL (ug/l)
		Pre-RA	Pre-RA	RA	RA	Post-RA	
Sampling Date		2-May-97	24-Nov-97	7-Jul-98	18/19-Jan-99 (See Note 4)	1-Jul-99	
Parameter	Units						
PVOC							
Benzene	ug/l	**174**	**32.7**	<0.5	<0.26	<0.26	5/0.5
Ethyl Benzene	ug/l	26.2	<1.0	<1.0	<0.24	<0.24	700/140
Methyl-tert-butyl-ether	ug/l	<1.0	<1.0	<1.0	<0.22	<0.22	60/12
Toluene	ug/l	2.87	<1.0	<1.0	<0.21	2.3 [5]	1000/200
1,2,4-Trimethylbenzene	ug/l	<1	<1.0	<1.0	<0.86	<0.86	480/96
1,3,5-Trimethylbenzene	ug/l	2.06	<1.0	<1.0	<0.54	<0.54	480/96
Total Xylene	ug/l	6.87	<2.0	<2.0	<0.97	<0.97	10,000/1000
Total BETX (calculated)	ug/l	*210*	*33*	*ND*	*ND*	*ND*	NS
GRO							
Gasoline Range Organics	ug/l	481	<50	<50	<50	<50.0	NS
FIELD READINGS							
Field pH	-	NA	6.68	NA	NA	7.13	NS
Temperature	deg C	NA	11.37	10.1	8.3	11.7	NS
Dissolved Oxygen	ppm	NA	2.79	3.97	0.70	2.57	NS
Specific Conductance	mS/cm	NA	1,515	NA	NA	NA	NS
Redox Potential	mV	NA	526	NA	NA	NA	NS
NA PARAMETERS							
Methane	ug/l	NA	<0.5	NA	<0.9	<10	NS
Sulfate	mg/l	NA	13.5	NA	26	17	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	**14.70**	NA	**10.60**	**18.15**	44.27/8.854
Dissolved Iron	mg/l	NA	0.066	NA	<0.047	<0.027	0.3/0.15
Dissolved Manganese	mg/l	NA	**1.20**	NA	**0.062**	**0.066**	0.05/0.025
Alkalinity	mg/l	NA	515	NA	420	410	NS

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(3) Table only includes parameters with detected amounts.
(4) Field Readings Taken 1/18/99, Samples Taken 1/19/99.
(5) Lab error

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW8 - CONTINUED					NR140 ES/PAL (ug/l)
		Post-RA	Post-RA	Post-RA	Post-RA	Post-RA	
Sampling Date		3-May-00	9-Aug-00	9-Aug-00 DUPL	22-May-02	22-May-02 DUPL	
Parameter	Units						
PVOC							
Benzene	ug/l	**31.7**	<0.15	<0.15	<0.13	<0.13	5/0.5
Ethyl Benzene	ug/l	<0.5	<0.5	<0.5	<0.22	<0.22	700/140
Methyl-tert-butyl-ether	ug/l	<0.3	<0.3	<0.3	<0.16	<0.16	60/12
Toluene	ug/l	<0.4	<0.4	<0.4	<0.20	<0.20	1000/200
1,2,4-Trimethylbenzene	ug/l	<0.4	<0.4	<0.4	<0.22	<0.22	480/96
1,3,5-Trimethylbenzene	ug/l	<0.15	<0.15	<0.15	<0.29	<0.29	480/96
Total Xylene	ug/l	<0.4	<0.4	<0.4	0.75	<0.23	10,000/1000
Total BETX (calculated)	ug/l	32	ND	ND	0.75	ND	NS
GRO							
Gasoline Range Organics	ug/l	65.2	<50	<50	<50	<50	NS
FIELD READINGS							
Field pH	-	7	NA	NA	NA	NA	NS
Temperature	deg C	8	NA	NA	NA	NA	NS
Dissolved Oxygen	ppm	2.25	NA	NA	NA	NA	NS
Specific Conductance	mS/cm	--	NA	NA	NA	NA	NS
Redox Potential	mV	--	NA	NA	NA	NA	NS
NA PARAMETERS							
Methane	ug/l	NA	NA	NA	NA	NA	NS
Sulfate	mg/l	12.2	NA	NA	NA	NA	250/125
Nitrate + Nitrite (as NO_3)	mg/l	6.5	NA	NA	NA	NA	44.27/8.854
Dissolved Iron	mg/l	0.018	NA	NA	NA	NA	0.3/0.15
Dissolved Manganese	mg/l	**0.102**	NA	NA	NA	NA	0.05/0.025
Alkalinity	mg/l	NA	NA	NA	NA	NA	NS

Notes:

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(3) Table only includes parameters with detected amounts.
(4) Field Readings Taken 1/18/99, Samples Taken 1/19/99.
(5) Lab error

Key:

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[ ] = ES Exceedance

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Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. MW8 - CONTINUED					NR140 ES/PAL (ug/l)
		Post-RA					
Sampling Date		21-Nov-02					
Parameter	Units						
PVOC							
Benzene	ug/l	<0.13					5/0.5
Ethyl Benzene	ug/l	<0.22					700/140
Methyl-tert-butyl-ether	ug/l	<0.16					60/12
Toluene	ug/l	<0.20					1000/200
1,2,4-Trimethylbenzene	ug/l	<0.22					480/96
1,3,5-Trimethylbenzene	ug/l	<0.29					480/96
Total Xylene	ug/l	<0.23					10,000/1000
Total BETX (calculated)	ug/l	ND					NS
GRO							
Gasoline Range Organics	ug/l	<50					NS
FIELD READINGS							
Field pH	-	NA					NS
Temperature	deg C	NA					NS
Dissolved Oxygen	ppm	NA					NS
Specific Conductance	mS/cm	NA					NS
Redox Potential	mV	NA					NS
NA PARAMETERS							
Methane	ug/l	NA					NS
Sulfate	mg/l	NA					250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA					44.27/8.854
Dissolved Iron	mg/l	NA					0.3/0.15
Dissolved Manganese	mg/l	NA					0.05/0.025
Alkalinity	mg/l	NA					NS

Notes:

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(4) Field Readings Taken 1/18/99, Samples Taken 1/19/99.
(5) Lab error

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
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Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. RW-1					NR140 ES/PAL (ug/l)
		Pre-RA	RA	RA	RA	Post-RA	
Sampling Date		30-Oct-96	14-Jan-98	7-Jul-98	18-Jan-99	1-Jul-99	
Parameter	Units	(see Note 5)	(see Note 4)	(see Note 4)	(see Note 4)		
PVOC							
Benzene	ug/l	**2,100**	**2,480**	**72**	**47**	**1,200**	5/0.5
Ethyl Benzene	ug/l	**780**	**1,000**	94.2	61	**1,600**	700/140
Methyl-tert-butyl-ether	ug/l	<80	<100	<20.0	<0.44	**21**	60/12
Toluene	ug/l	**4,700**	**6,820**	**325**	**260**	**4,900**	1000/200
1,2,4-Trimethylbenzene	ug/l	**690**	**1,030**	**219**	**140**	**1,500**	480/96
1,3,5-Trimethylbenzene	ug/l	**160**	**274**	57.9	38	**420**	480/96
Total Xylene	ug/l	**3,000**	**4,910**	580	370	**5900**	10,000/1000
Naphthalene	ug/l	NA	NA	NA	NA	**490**	40/8
Total BETX (calculated)	ug/l	*10,580*	*15,210*	*1,072*	*738*	*13,600*	NS
GRO							
Gasoline Range Organics	ug/l	18,000	21,270	2,440	1,700	21,000	NS
FIELD READINGS							
Field pH	-	NA	NA	NA	NA	6.82	NS
Temperature	deg C	NA	NA	NA	NA	9.7	NS
Dissolved Oxygen	ppm	NA	NA	NA	NA	0.24	NS
Specific Conductance	mS/cm	NA	NA	NA	NA	NA	NS
Redox Potential	mV	NA	NA	NA	NA	NA	NS
NA PARAMETERS							
Methane	ug/l	NA	NA	NA	NA	69	NS
Sulfate	mg/l	NA	NA	NA	NA	26	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	NA	NA	2.97	44.27/8.854
Dissolved Iron	mg/l	NA	NA	NA	NA	**9.5**	0.3/0.15
Dissolved Manganese	mg/l	NA	NA	NA	NA	**0.4**	0.05/0.025
Alkalinity	mg/l	NA	NA	NA	NA	710	NS

Notes:

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(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) Sample taken from sampling port. Results likely have a low bias due to volatilization during sampling.
(5) Sample taken during vacuum-enhanced pilot testing . Results may be low due to volatilization during sampling

Key:

BOLD = PAL Exceedance
[ ] = ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. RW-1 - CONTINUED				NR140 ES/PAL (ug/l)
		Post-RA	Post-RA	Post-RA	Post-RA	
Sampling Date		15-Oct-99	3-May-00	22-May-02	21-Nov-02	
Parameter	Units					
PVOC						
Benzene	ug/l	**1,400**	**243**	**210**	**270**	5/0.5
Ethyl Benzene	ug/l	**1500**	**538**	**210**	**270**	700/140
Methyl-tert-butyl-ether	ug/l	**23**	<3	<1.6	<3.7	60/12
Toluene	ug/l	**3500**	**111**	**300**	**470**	1000/200
1,2,4-Trimethylbenzene	ug/l	**1400**	**824**	**760**	**1,000**	480/96
1,3,5-Trimethylbenzene	ug/l	**410**	**255**	**260**	**270**	480/96
Total Xylene	ug/l	**4900**	**1,489**	**1,400**	**1,700**	10,000/1000
Naphthalene	ug/l	NA	NA	NA	**340**	40/8
Total BETX (calculated)	ug/l	11,300	2,381	2,120	2,710	NS
GRO						
Gasoline Range Organics	ug/l	21,000	6,150	5,800	9,700	NS
FIELD READINGS						
Field pH	-	NA	7.12	NA	NA	NS
Temperature	deg C	11.4	8.1	NA	NA	NS
Dissolved Oxygen	ppm	0.36	1.55	NA	NA	NS
Specific Conductance	mS/cm	NA	NA	NA	NA	NS
Redox Potential	mV	NA	NA	NA	NA	NS
NA PARAMETERS						
Methane	ug/l	NA	NA	NA	NA	NS
Sulfate	mg/l	NA	34.4	NA	NA	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	2.61	NA	NA	44.27/8.854
Dissolved Iron	mg/l	NA	**6.86**	NA	NA	0.3/0.15
Dissolved Manganese	mg/l	NA	**0.293**	NA	NA	0.05/0.025
Alkalinity	mg/l	NA	NA	NA	NA	NS

Notes:

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(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) Sample taken from sampling port. Results likely have a low bias due to volatinization during sampling.
(5) Sample taken during vacuum-enhanced pilot testing . Results may be low due to volatilization during sampling

Key:

BOLD = PAL Exceedance
[ ] = ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. RW-2					NR140 ES/PAL (ug/l)
		RA	RA	RA	Post-RA	Post-RA	
Sampling Date		14-Jan-98	7-Jul-98	18-Jan-99	1-Jul-99	15-Oct-99	
Parameter	Units	(see Note 4)	(see Note 4)	(see Note 4)			
PVOC							
Benzene	ug/l	**670**	**79**	**21**	**780**	**1,400**	5/0.5
Ethylbenzene	ug/l	**256**	23.8	9.4	**970**	**1,100**	700/140
Methyl-tert-butyl-ether	ug/l	<10	<5.0	<2.7	**34**	**32**	60/12
Toluene	ug/l	**352**	**118.0**	38.0	**780**	**610**	1000/200
1,2,4-Trimethylbenzene	ug/l	**597**	27.1	14.0	**650**	**550**	480/96
1,3,5-Trimethylbenzene	ug/l	**189.00**	7.52	5.00	**200**	**180**	480/96
Total Xylene	ug/l	546	92.8	51.0	**1670**	**1620**	10,000/1000
Naphthalene	ug/l	NA	NA	NA	**240**	NA	40/8
Total BETX (calculated)	ug/l	*1,824*	*313*	*119*	*4,200*	*4,730*	NS
GRO							
Gasoline Range Organics	ug/l	5,380	629	270	8,900	9,500	NS
FIELD READINGS							
Field pH	-	NA	NA	NA	7.14	NA	NS
Temperature	deg C	NA	NA	NA	10.2	11.2	NS
Dissolved Oxygen	ppm	NA	NA	NA	0.26	0.26	NS
Specific Conductance	mS/cm	NA	NA	NA	NA	NA	NS
Redox Potential	mV	NA	NA	NA	NA	NA	NS
NA PARAMETERS							
Methane	ug/l	NA	NA	NA	<10	NA	NS
Sulfate	mg/l	NA	NA	NA	7.7	NA	250/125
Nitrate + Nitrite (as NO_3)	mg/l	NA	NA	NA	<0.075	NA	44.27/8.854
Dissolved Iron	mg/l	NA	NA	NA	**6.2**	NA	0.3/0.15
Dissolved Manganese	mg/l	NA	NA	NA	**0.25**	NA	0.05/0.025
Alkalinity	mg/l	NA	NA	NA	500	NA	NS

Notes:

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(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.
(4) Sample taken from sampling port. Results likely have a low bias due to volatilization during sampling.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Well No. RW-2 - CONTINUED					NR140 ES/PAL (ug/l)
		Post-RA	Post-RA	Post-RA			
Sampling Date		3-May-00	22-May-02	21-Nov-02			
Parameter	Units						
PVOC							
Benzene	ug/l	**2,180**	**2,100**	**900**			5/0.5
Ethyl Benzene	ug/l	**1,510**	**2,200**	**1,500**			700/140
Methyl-tert-butyl-ether	ug/l	<15	<6.4	<3.2			60/12
Toluene	ug/l	**915**	**2,600**	**760**			1000/200
1,2,4-Trimethylbenzene	ug/l	**804**	**1,200**	**1,000**			480/96
1,3,5-Trimethylbenzene	ug/l	**275**	**380**	**290**			480/96
Total Xylene	ug/l	**3,136**	**5,100**	**3,600**			10,000/1000
Naphthalene	ug/l	NA	NA	**470**			40/8
Total BETX (calculated)	ug/l	*7,741*	*12,000*	*6,760*			NS
GRO							
Gasoline Range Organics	ug/l	13,400	19,000	14,000			NS
FIELD READINGS							
Field pH	-	7.09	NA	NA			NS
Temperature	deg C	8.4	NA	NA			NS
Dissolved Oxygen	ppm	1.81	NA	NA			NS
Specific Conductance	mS/cm	NA	NA	NA			NS
Redox Potential	mV	NA	NA	NA			NS
NA PARAMETERS							
Methane	ug/l	NA	NA	NA			NS
Sulfate	mg/l	<5	NA	NA			250/125
Nitrate + Nitrite (as NO_3)	mg/l	<1.33	NA	NA			44.27/8.854
Dissolved Iron	mg/l	**7.32**	NA	NA			0.3/0.15
Dissolved Manganese	mg/l	**0.13**	NA	NA			0.05/0.025
Alkalinity	mg/l	NA	NA	NA			NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

Table 1 - Laboratory Analysis of Groundwater Samples
Miller St. Nazianz, St. Nazianz, Wisconsin

Sampling Location		Private Water Supply Well - Endries Trucking & Excavating Post-RA					NR140 ES/PAL (ug/l)
Sampling Date		9-Aug-00					
Parameter	Units						
PVOC							
Benzene	ug/l	<0.15					5/0.5
Ethyl Benzene	ug/l	<0.5					700/140
Methyl-tert-butyl-ether	ug/l	<0.3					60/12
Toluene	ug/l	<0.4					1000/200
1,2,4-Trimethylbenzene	ug/l	<0.4					480/96
1,3,5-Trimethylbenzene	ug/l	<0.15					480/96
Total Xylene	ug/l	<0.55					10,000/1000
Naphthalene	ug/l	NA					40/8
							NS
GRO							
Gasoline Range Organics	ug/l	<50					NS

Notes:

(1) ND = Not Detected, see laboratory reports for detection limits, NA = Not Analysed, NS = No Standard
(2) ES=Enforcement Standard, PAL=Preventive Action Limit. Results exceeding ES or PAL are marked in bold.
(3) Table only includes parameters with detected amounts.

Key:

BOLD = PAL Exceedance
= ES Exceedance

Pre-RA = sample taken before start-up of remediation sytem.
RA = sample taken during period of active remediation.
Post-RA = sample taken after remediation system shutdown.

PRE-REMEDIAL ACTION - GEOPROBE GRAB GROUNDWATER CHEMISTRY SUMMARY DATA TABLE

Project: Miller St. Nazianz, St. Nazianz, WI

Units are µg/L unless otherwise indicated.

Boring & Sample	Sample Date	Depth of Boring (feet)	GRO	Benzene	Ethylbenzene	Toluene	Xylene (total)	1,2,4-TMB	1,3,5-TMB	MtBE
GP-2	09/06/95	12'	3,900	**2,900**	<25	<25	<25	<25	<25	**61**
GP-3	09/06/95	8'	2,600	**1,600**	<10	<10	<10	<10	<10	*42*
GP-4	09/06/95	8'	<50	*1.8*	<1	<1	<1	<1	<1	<1
GP-5	09/06/95	14'	600	**400**	<2.5	3.5	<2.5	<2.5	<2.5	<2.5
GP-5 D	09/06/95	14'	610	**400**	<2.5	3.4	<2.5	<2.5	<2.5	<2.5
GP-6	09/06/95	16'	<50	*2.3*	<1	<1	<1	<1	<1	<1
GP-7	09/06/95	10'	9,600	**6,100**	*140*	*200*	87	<50	<50	**160**
NR140 Standards (ES/PAL µg/l))			--	5 / 0.5	700 / 140	1000 / 200	10,000 / 1000	480 / 96	480 / 96	60 / 12

NOTES:
GRO = gasoline-range organics
ES = NR 140 Enforcement Standard
PAL = NR 140 Preventive Action Limit
BOLD results are above ES
ITALICIZED results are above PAL but below ES
All chemistry results listed as µg/L, which is equivalent to parts per billion, unless otherwise noted.
<"n" denotes not detected where "n" is the detection limit other than listed under MDL.
-- indicates not sampled
D = Duplicate sample

Alpha Terra Science, Inc.

PRE-REMEDIAL ACTION - SOIL CHEMISTRY SUMMARY DATA TABLE

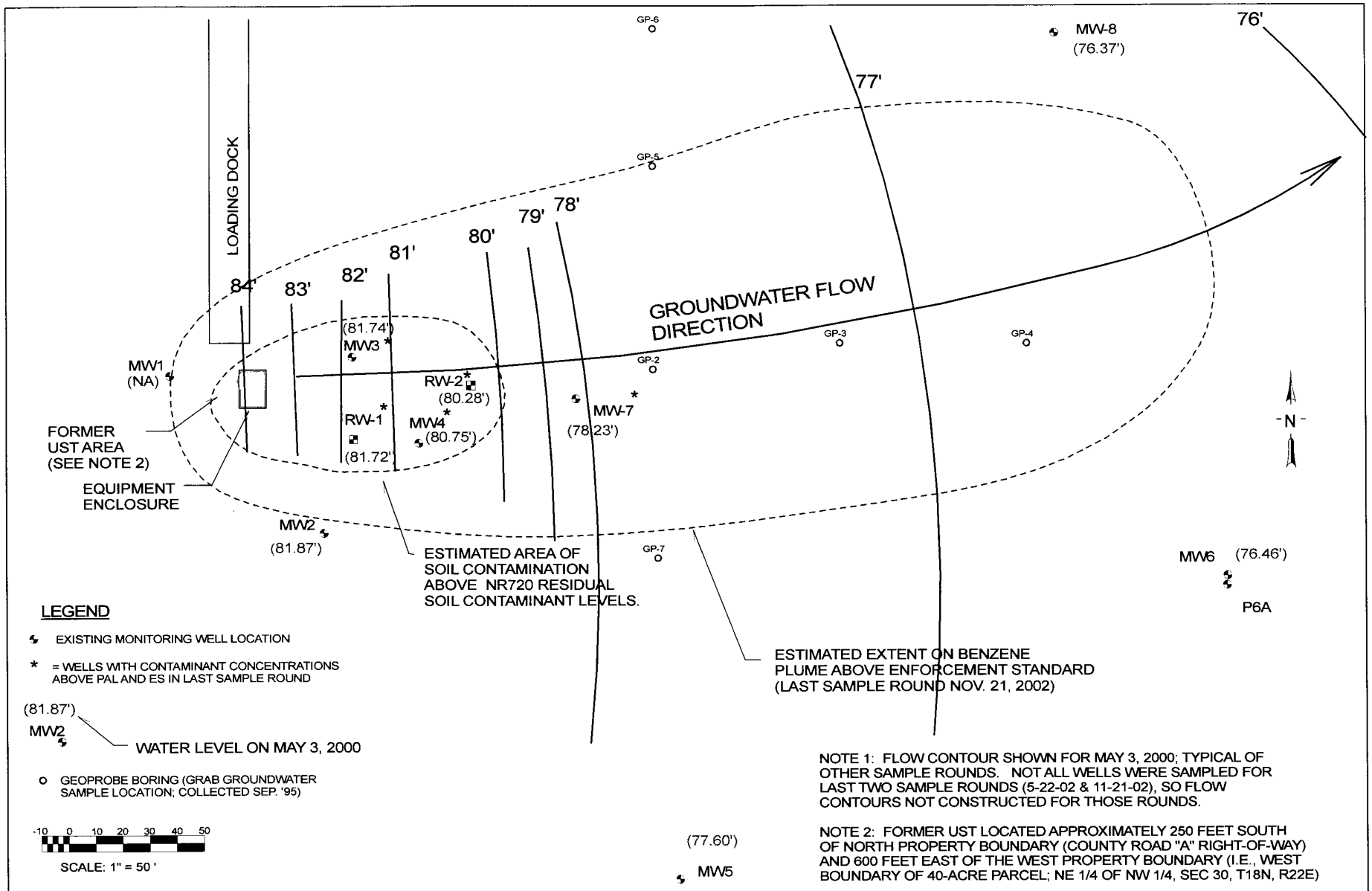
Project: Miller St. Nazianz, St. Nazianz, WI

Units are µg/kg unless otherwise indicated.

Boring & Sample	Sample Date	Depth (Feet bgs)	GRO (mg/kg)	Benzene	Ethylbenzene	Toluene	m- & p-Xylene	o-Xylene	1,2,4-TMB	1,3,5-TMB	MtBE
B1, S5	09/09/94	11-12.5'	<3	**27**	<1.1	6.4	38	2.6	68	26	<1.1
B2, S4	09/09/94	8.5-10'	**120**	**610**	750	860	3,400	610	5,700	2,100	<120
B2, S6	09/09/94	13.5-15'	15	**340**	470	1,000	1,400	400	930	300	<59
B3, S6	09/09/94	13.5-15'	**1,200**	**7,000**	**29,000**	**48,000**	**110,000**	**40,000**	69,000	21,000	2,800
B4, S5	09/09/94	11-13.5'	**1,700**	**2,300**	**34,000**	**57,000**	**140,000**	**48,000**	95,000	31,000	<1200
B5, S5	12/19/94	11-12.5'	<2.8	**10**	13	61	35	12	3.8	1.5	<1.1
MW-1, S5	12/19/94	11-12.5'	<3	**29**	13	95	40	12	29	17	4.9
MW-2, S6	12/19/94	13.5-15'	<2.9	1.3	<1.1	6	2.6	<1.1	1.7	<1.1	<1.1
MW-3, S4	12/19/94	8.5-10'	**1,100**	**13,000**	**29,000**	**91,000**	**98,000**	**39,000**	57,000	17,000	3,200
MW-4, S5	12/19/94	11-12.5'	**320**	**3,500**	**9,300**	**26,000**	**31,000**	**13,000**	19,000	5,700	580
GP8, S8	09/06/95	17.5'	5.1	**32**	100	72	160	320	540	160	<25
GP9, S7	09/06/95	14-16'	<2.5	<25	<25	<25	<25	<25	<25	<25	<25
B2A, S8	11/27/95	32.5-34.4'	<2.7	<25	<25	<25	<25	<25	<25	<25	<25
B6, S1	11/27/95	2.5-4.5'	<3	<25	<25	<25	<25	<25	<25	<25	<25
B6, S9	11/27/95	22.5-24.5'	<2.8	<25	<25	<25	<25	<25	<25	<25	<25
MW-5, S2	11/27/95	5-7'	<3.1	<25	<25	<25	<25	<25	<25	<25	<25
RW-1, S5	10/17/96	12.5-14.5'	**670**	**6,600**	**16,000**	**38,000**	**48,000**	**18,000**	33,000	11,000	<190
VP-1, S4	10/17/96	10-12'	**640**	**7,600**	**16,000**	**37,000**	**53,000**	**20,000**	30,000	9,600	<190
VP-2, S4	10/17/96	11-13'	**470**	**7,600**	**11,000**	**32,000**	**37,000**	**13,000**	20,000	6,100	<190
VP-3, S4	10/17/96	11-13'	1.6	**310**	23	26	56	<21	30	20	<20
SP-2	10/17/96	12.5-14.5'	**2,200**	**33,000**	**57,000**	**160,000**	**170,000**	**69,000**	100,000	33,000	<190
MW-7	04/07/97	15-17'	**257**	<246	1,390	**1,970**	2,660	1,260	19,200	9,120	<246
MW-8	04/07/97	7.5-9.5'	<5.5	<31	<31	<31	<31	<31	<31	<31	<31
RW-2, S4	08/27/97	10-12'	9.4	226	192	115	143	86	388	202	<29
RW-2, S5	08/27/97	13.5-14'	48.6	**1,830**	1,260	**2,290**	3,050	1,200	4,360	1,310	<30
RW-2, S9	08/27/97	23-24'	13.1	**841**	726	**1,750**	1,610	342	1,240	303	<40
NR 720.09 RCLs			100	5.5	2,900	1,500	4,100	4,100	--	--	--
NR 746.06 Table 1 (free product)			--	8,500	4,600	38,000	42,000	42,000	83,000	11,000	--
NR 746.06 Table 2 (direct contact)			--	1,100	--	--	--	--	--	--	--

NOTES: feet bgs = feet below ground surface
GRO = gasoline-range organics
-- = not analyzed
<"n" denotes not detected where "n" is the detection limit.
Bold = above NR720.09 RCL

Alpha Terra Science, Inc.



NOTE 1: FLOW CONTOUR SHOWN FOR MAY 3, 2000; TYPICAL OF OTHER SAMPLE ROUNDS. NOT ALL WELLS WERE SAMPLED FOR LAST TWO SAMPLE ROUNDS (5-22-02 & 11-21-02), SO FLOW CONTOURS NOT CONSTRUCTED FOR THOSE ROUNDS.

NOTE 2: FORMER UST LOCATED APPROXIMATELY 250 FEET SOUTH OF NORTH PROPERTY BOUNDARY (COUNTY ROAD "A" RIGHT-OF-WAY) AND 600 FEET EAST OF THE WEST PROPERTY BOUNDARY (I.E., WEST BOUNDARY OF 40-ACRE PARCEL; NE 1/4 OF NW 1/4, SEC 30, T18N, R22E)

Title:	GROUNDWATER SAMPLE LOCATIONS & FLOW CONTOUR MAP (SEE NOTE 1)
Project:	REMEDIATION
Client:	MILLER ST. NAZIANZ - ST. NAZIANZ, WISCONSIN

ALPHA TERRA SCIENCE

SCALE:	As Shown	DWG NO:	Figure 1
DRAWN BY:	GCP	DATE:	1-27-03

Groundwater Elevation Data - Sheet 1 of 3

Miller St. Nazianz - Remediation Project

Well Number	Top of PVC Elevation (Feet)	Well Point Elevation (Feet)	Top of Screen Elevation (Feet)	Groundwater Levels - Feet							
				30-May-95		10-Jan-96		1-Aug-96		24&25-Nov-97	
				Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.
MW1	99.28	79.68	89.68	14.48	84.80	Inaccessible		13.20	86.08	15.07	84.21
MW2	95.23	77.13	87.13	12.85	82.38	Inaccessible		11.95	83.28	13.70	81.53
MW3(3)	94.90	77.30	87.30	12.9	82.00	Inaccessible		12.1	82.80	Conv to Rec. Well	
MW4	94.53	77.93	87.93	13.15	81.38	Inaccessible		12.63	81.90	13.90	80.63
MW5	84.48	68.48	78.48	Not Installed		7.64	76.84	6.75	77.73	7.87	76.61
MW6	80.53	62.53	72.53	Not Installed		4.50	76.03	4.10	76.43	4.95	75.58
P6A	81.21	41.21	46.21	Not Installed		5.23	75.98	5.34	75.87	5.40	75.81
MW7	96.74	70.24	80.24	Not Installed		Not Installed		Not Installed		19.05	77.69
MW8	87.46	69.96	79.96	Not Installed		Not Installed		Not Installed		12.04	75.42
RW1	94.77	73.57	83.57	Not Installed		Not Installed		Not Installed		Not measured (4)	
RW2	94.32	73.12	83.12	Not Installed		Not Installed		Not Installed		Not measured (4)	
Stream											

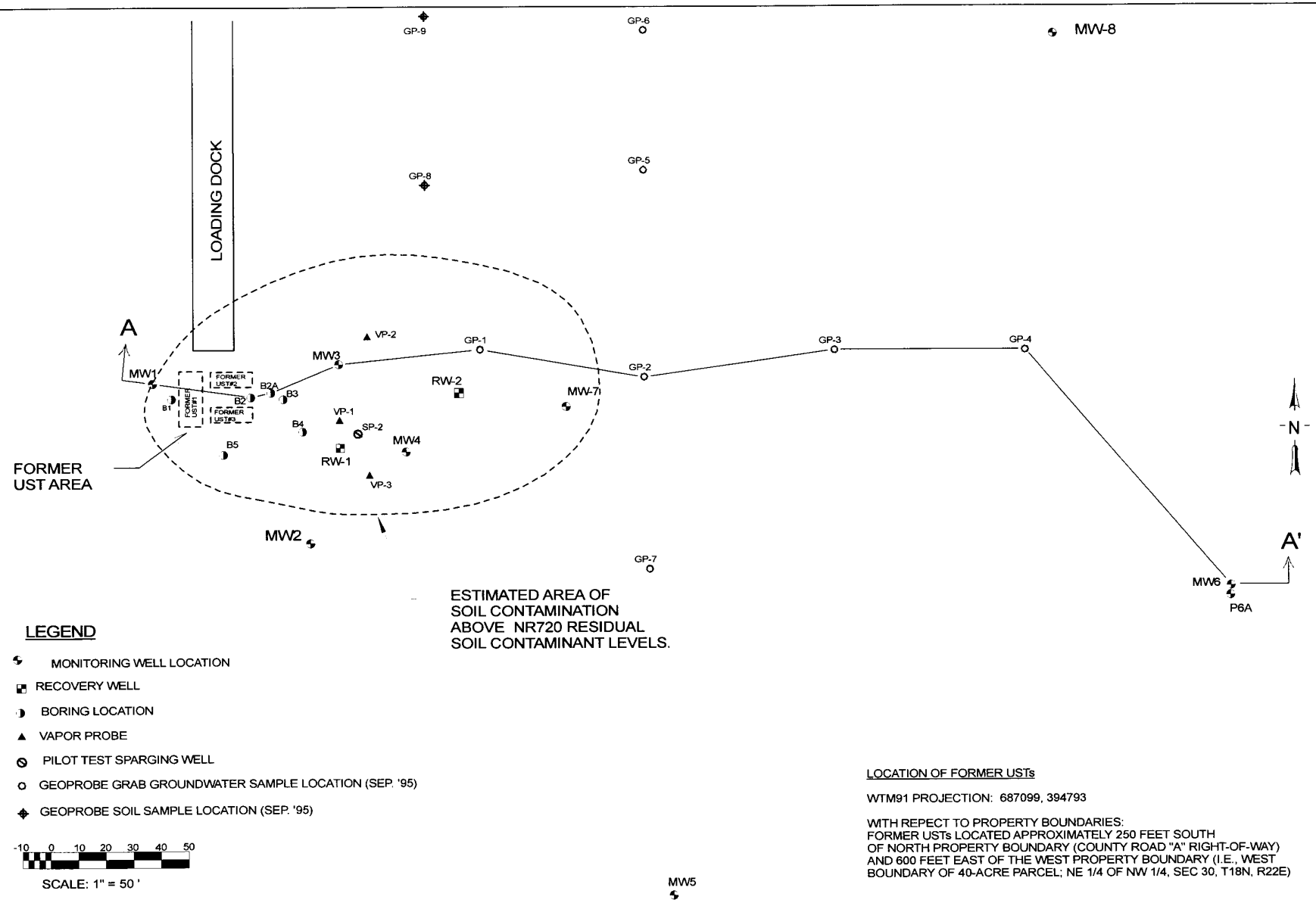
Notes:
(1) Datum is site datum
(2) Reference elevations based on -- survey by Alpha Terra Science
(3) Water depths for MW3 are approximate because of the presence of free product
(4) Recovery well GW elevations not measured until system operation was discontinued.

Groundwater Elevation Data - Sheet 2 of 3
Miller St. Nazianz - Remediation Project

Well Number	Resurvey 7-7-98 Top of PVC (Feet)	Groundwater Levels - Feet									
		7-Jul-98		18-Jan-99		1-Jul-99		15-Oct-99		3-May-00	
		Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.
MW1	99.27	13.90	85.37	Innaccessible		Inaccessible		Inaccessible		Inaccessible	
MW2	95.23	13.65	81.58	Inaccessible		11.88	83.35	Not sampled		13.37	81.86
MW3(3)	-	-	-	Not measured (4)		11.36	-	12.28	-	12.85	-
MW4	94.59	13.95	80.64	Inaccessible		12.64	81.89	13.51	81.02	13.86	80.67
MW5	84.55	6.61	77.94	7.65	76.90	5.84	78.64	Not sampled		6.88	77.60
MW6	80.70	4.10	76.60	3.61	77.09	3.26	77.27	Not sampled		4.07	76.46
P6A	81.25	4.25	77.00	4.30	76.95	3.54	77.67	Not sampled		4.33	76.88
MW7	96.76	18.50	78.26	19.31	77.45	17.95	78.79	18.58	78.16	18.51	78.23
MW8	87.40	10.91	76.49	11.35	76.05	10.51	76.95	Not sampled		11.09	76.37
RW1	-	Not measured (4)		Not measured (4)		11.66	83.11	12.52	82.25	13.05	81.72
RW2	-	Not measured (4)		Not measured (4)		13.15	81.17	13.81	80.51	14.04	80.28

Groundwater Elevation Data Sheet 3 of 3
Miller St. Nazianz - Remediation Project

Well Number	Resurvey 7-7-98 Top of PVC (Feet)	Groundwater Levels - Feet									
		22-May-02		21-Nov-02							
		Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.
MW1	99.27	Innaccessible		Innaccessible							
MW2	95.23	Not measured		Not measured							
MW3(3)	-	10.3	-	12.2	-						
MW4	94.59	11.83	82.76	13.36	81.23						
MW5	84.55	Not measured		Not measured							
MW6	80.70	Not measured		Not measured							
P6A	81.25	Not measured		Not measured							
MW7	96.76	17.65	79.11	18.20	78.56						
MW8	87.40	10.29	77.11	10.97	76.43						
RW1	-	10.65	84.12	12.43	82.34						
RW2	-	12.86	81.46	13.63	80.69						



LEGEND

- MONITORING WELL LOCATION
- RECOVERY WELL
- BORING LOCATION
- VAPOR PROBE
- PILOT TEST SPARGING WELL
- GEOPROBE GRAB GROUNDWATER SAMPLE LOCATION (SEP. '95)
- GEOPROBE SOIL SAMPLE LOCATION (SEP. '95)

-10 0 10 20 30 40 50

SCALE: 1" = 50 '

LOCATION OF FORMER USTs

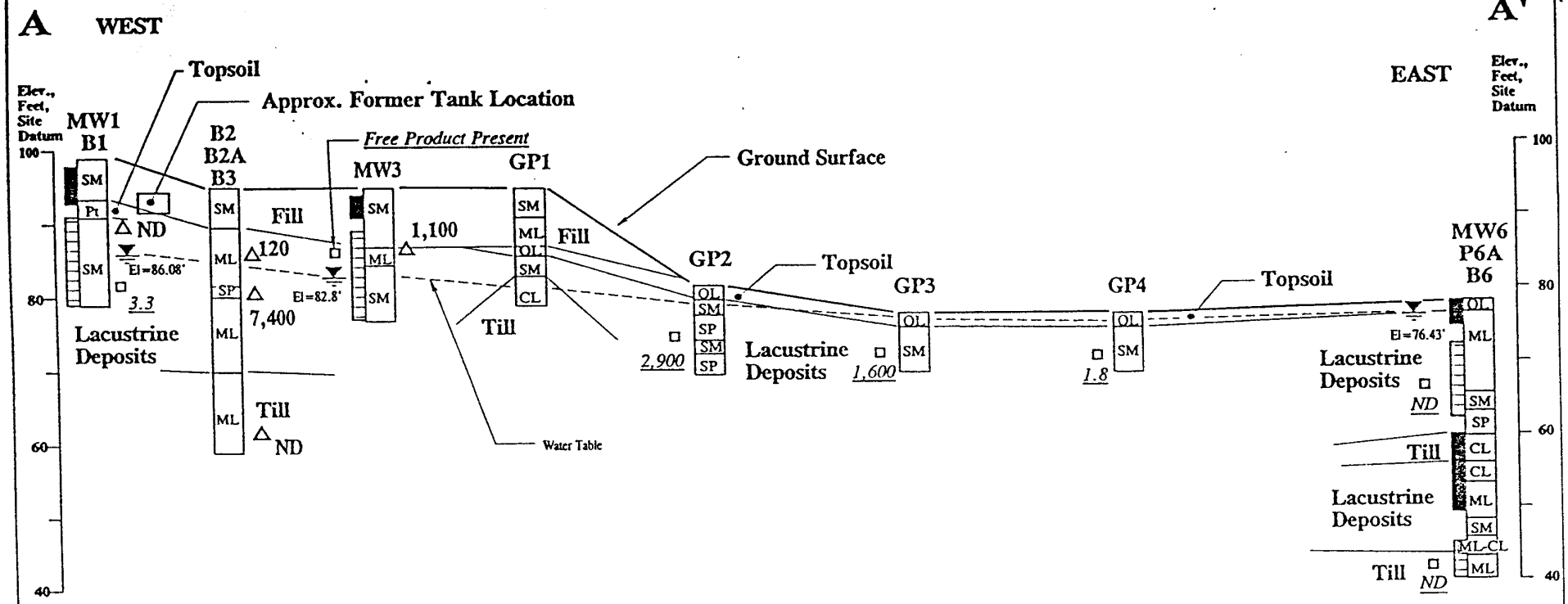
WTM91 PROJECTION: 687099, 394793

WITH REPECT TO PROPERTY BOUNDARIES:
FORMER USTs LOCATED APPROXIMATELY 250 FEET SOUTH OF NORTH PROPERTY BOUNDARY (COUNTY ROAD "A" RIGHT-OF-WAY) AND 600 FEET EAST OF THE WEST PROPERTY BOUNDARY (I.E., WEST BOUNDARY OF 40-ACRE PARCEL; NE 1/4 OF NW 1/4, SEC 30, T18N, R22E)

Title:	SOIL SAMPLE LOCATIONS
Project:	REMEDIATION
Client:	MILLER ST. NAZIANZ - ST. NAZIANZ, WISCONSIN

ALPHA TERRA SCIENCE

SCALE:	As Shown	DWG NO:	FIGURE 3
DRAWN BY:	GCP	DATE:	1-27-03



NOTES

1) Groundwater Elevations Based on Measurements Taken August 1, 1996.

2) Symbols on Boring Logs Show General USCS Soil Types. See Boring Logs for More Detailed Descriptions. Key to Symbols: CL=Lean Clay, SM=Silty Sand, SW=Well-Graded Sand, SP=Poorly Graded Sand, GW=Well-Graded Gravel, GP=Poorly-Graded Gravel, Pt=Peat.

3) Datum is Site Datum.

4) Horizontal Scale 1"=20', Vertical Scale 1"=50", Vertical Exageration 2.5X.

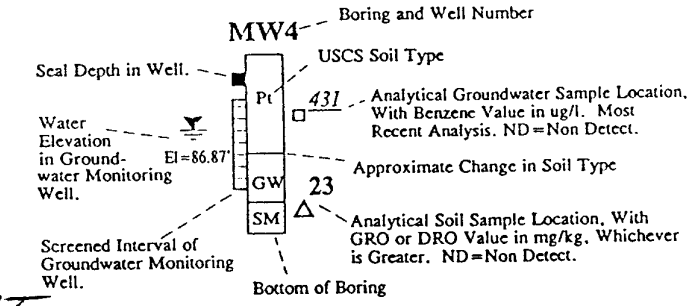
5) Contacts between geologic units are generalized between boring logs. They are intended to show general relationships between units and not the exact distribution of soil types.

LEGEND

Water Table

Contact Between Major Geologic Units.

KEY TO BORING LOG SYMBOLS



FROM SI REPORT

Title: **GEOLOGIC CROSS SECTION A-A'**

ALPHA TERRA SCIENCE

Project: SITE INVESTIGATION

Client: MILLER ST. NAZIANZ - ST. NAZIANZ, WISCONSIN

SCALE: As Shown	DWG NO: FIGURE 5
DRAWN BY: J P R	DATE: 12/18/96

WDNR BRRTS CASE # 03-36-000917 WDNR SITE NAME: Miller St. Nazianz

The legal description of the property included on the attached deed (document no. 472996; NE ¼ of NW ¼ of Section 30, T 18 N, R 22 E) completely encompasses the soil and groundwater gasoline contamination at the property known as the Miller St. Nazianz former leaking underground storage tank site.

SIGNED: _____ DATE: 1/31/03

PARCEL ID # : 037-130-005-003.00