GIS REGISTRY INFORMATION

SITE NAME:	Weaver & Sons Inc		
BRRTS #:	03-35-000011	**FID #** (if appropriate):	
COMMERCE #:	54452-2307-05-A		
CLOSURE DATE:	August 19, 2003		
STREET ADDRESS:	305 E 1st St		
CITY:	Merrill		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	543868		**Y =**	522932	
CONTAMINATED MEDIA:	Groundwater		Soil		Both	X
OFF-SOURCE GW CONTAMINATION >ES:			**Yes**		**No**	X
• **IF YES, STREET ADDRESS:**						
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**			**Y =**		
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	**Yes**			**No**	X	
• **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 or denial letter issued	X
Copy of any maintenance plan referenced in the final closure letter	
Copy of (soil or land use) deed notice *if any required as a condition of closure*	
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	X
County Parcel ID number, *if used for county*, for all affected properties	X
Location Map that 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. 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. 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).* 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*	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	
Letter informing ROW owner of residual contamination (if applicable) (public, highway or railroad ROW)	X

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
Stevens Point, Wisconsin 54481-
TDD #: (608) 264-8777
Fax #: (715) 345-5269
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

August 19, 2003

Paul Weaver
1001 St. Paul Drive
Merrill, WI 54452

RE: **Final Closure**

Commerce # 54452-2307-05 WDNR BRRTS # 03-35-000011
Weaver & Sons Inc, 305 E 1st St, Merrill

Dear Mr. Weaver:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If applicable, the PECFA claim for this site would also be reopened and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 342-3802.

Sincerely,

Dee Zoellner
Hydrogeologist
Site Review Section

cc: Cindy Zelenka, Central Wisconsin Engineers & Architects Inc
Case File

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2715 Post Road
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http://www.commerce.state.wi.us
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Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

July 29, 2003

Paul Weaver
Weaver & Sons Inc
1001 St. Paul Drive
Merrill, WI 54452

RE: **Conditional Case Closure**

Commerce # 54452-2307-05 WDNR BRRTS # 03-35-000011
Weaver & Sons Inc, 305 E 1st St, Merrill

Dear Mr. Weaver:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Central Wisconsin Engineers & Architects Inc, for the site referenced above. It is understood that residual soil and groundwater contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following conditions must be satisfied to obtain final closure:

- All monitoring wells (MW1 – MW7) and soil vapor extraction (SVE) and groundwater pump and treat system components must be properly abandoned. The appropriate documentation must be forwarded to the letterhead address.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (715) 342-3802.

Sincerely,

Dee Zoellner
Hydrogeologist
Site Review Section

cc: Cindy Zelenka, Central Wisconsin Engineers & Architects Inc
Case File

VOL 208 PAGE 144

State of Wisconsin,
Lincoln County. } ss.

Personally came before me, this 2nd *day of* January *, A. D., 19*59 *,*
the above named Oscar W. Weaver, one and the same person as Oscar Weaver, and Erna Weaver, each individually and as husband and wife,
to me known to be the person s *who executed the foregoing instrument and acknowledged the same.*

Francis J. Golden

Francis J. Golden

Notary Public, Lincoln *County, Wis.*

My commission expires April 2 *, A. D., 19*61.

181240

No.

To

WARRANTY DEED

State of Wisconsin,
Lincoln County. }

Received for Record this 6 day of April A. D., 1959, at 1:30 o'clock P. M., and recorded in Vol. 208 of Deeds on Page 143

Register of Deeds.

Deputy.

FORM NO. 985-A

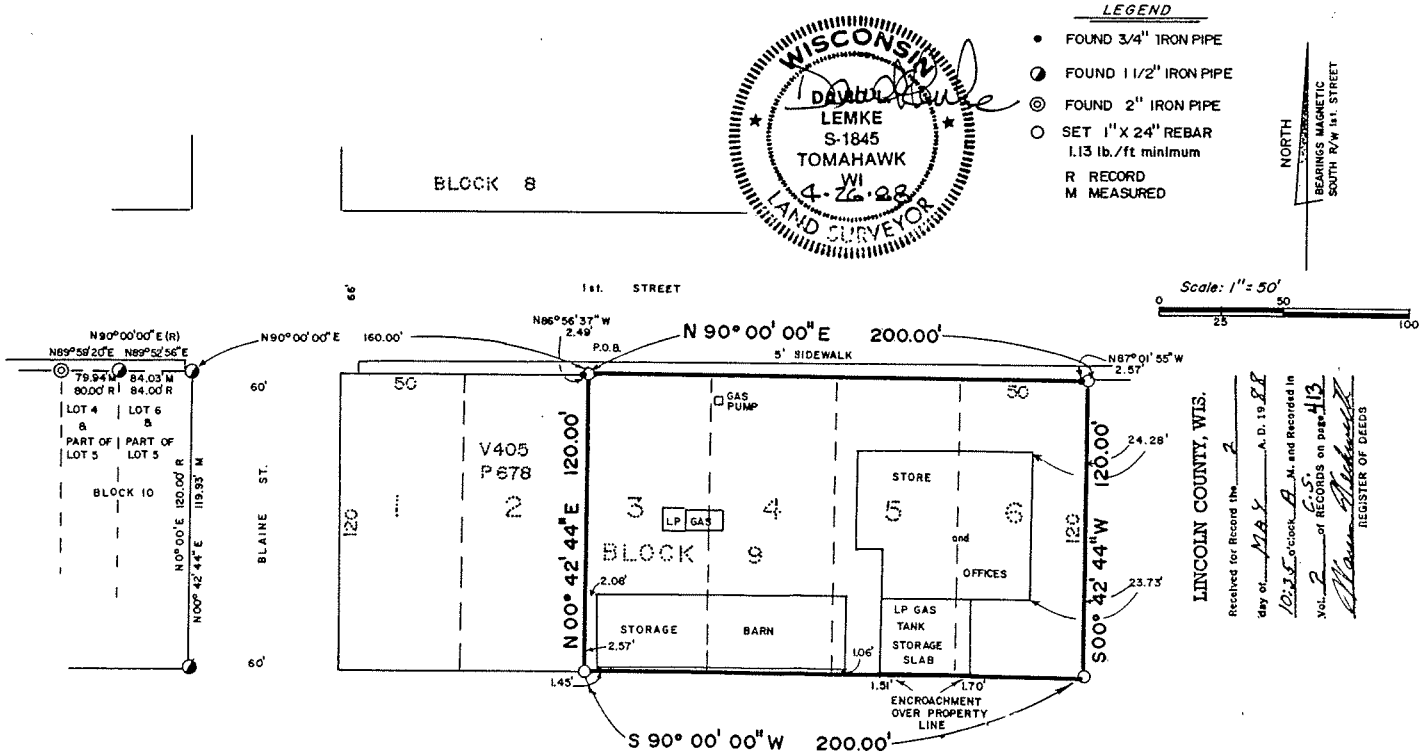
Stock No. 26273

CERTIFIED SURVEY MAP No. 505

296940

LOTS 3,4,5,6 BLOCK 9 of T.B.SCOTT LUMBER COMPANY ADDITION

BEING A PART OF THE SE 1/4 SE1/4 SECTION 11, T31N, R6E, CITY of MERRILL, LINCOLN COUNTY, WISCONSIN



LINCOLN COUNTY, WIS.
Received for Record the 2 day of May A.D. 19 88 10:25 o'clock A M. and Recorded in Vol. 2 of RECORDS on page 413
REGISTER OF DEEDS

413

Sheet 1 of 2

FORM NO. 985-A

Stock No. 26273

Legal Description of a Certified Survey Map
For Paul W. Weaver

Lots 3, 4, 5, 6 Block 9 of T.B. Scott Lumber Company Addition
Being part of the SE 1/4 SE 1/4 Section 11, T31N, R6E,
City of Merrill, Lincoln County, Wisconsin

Commencing at the northeast corner of Block 10 of T.B. Scott Lumber Company Addition to the City of Merrill, a found 1 1/2" iron pipe on the southerly right-of-way of 1st. Street and on the westerly right-of-way of Blaine Street. Thence N 90° 00' 00" E along said southerly right-of-way of 1st. Street a distance of 160.00 feet to a set 1" rebar, being the northwest corner of Lot 3 Block 9 of T.B. Scott Lumber Company Addition to the City of Merrill and the POINT OF BEGINNING of this description. Thence continuing along said right-of-way N 90° 00' 00" E a distance of 200.00 feet to a set 1" rebar at the northeast corner of Lot 6 Block 9 of said addition. Thence S 00° 42' 44" W along the easterly line of said Lot 6 a distance of 120.00 feet to a set 1" rebar at the southeast corner of said Lot 6. Thence S 90° 00' 00" W along the southerly line of said Block 9 a distance of 200.00 feet to a set 1" rebar at the southwest corner of Lot 3 Block 9 of said addition. Thence N 00° 42' 44" E along the westerly line of Lot 3 a distance of 120.00 feet to the POINT OF BEGINNING.

Said parcel contains 23,998.14 Sq. Ft.

Subject to and together with all easements, restrictions, and rights of record or of use.

SURVEYOR'S CERTIFICATE

I, David L. Lemke, Registered Land Surveyor No. 1845, hereby certify that I have surveyed the above described property; that I have made such survey by the order of Paul W. Weaver, and that I have complied with Chapter 236.34 of the Wisconsin Statutes.

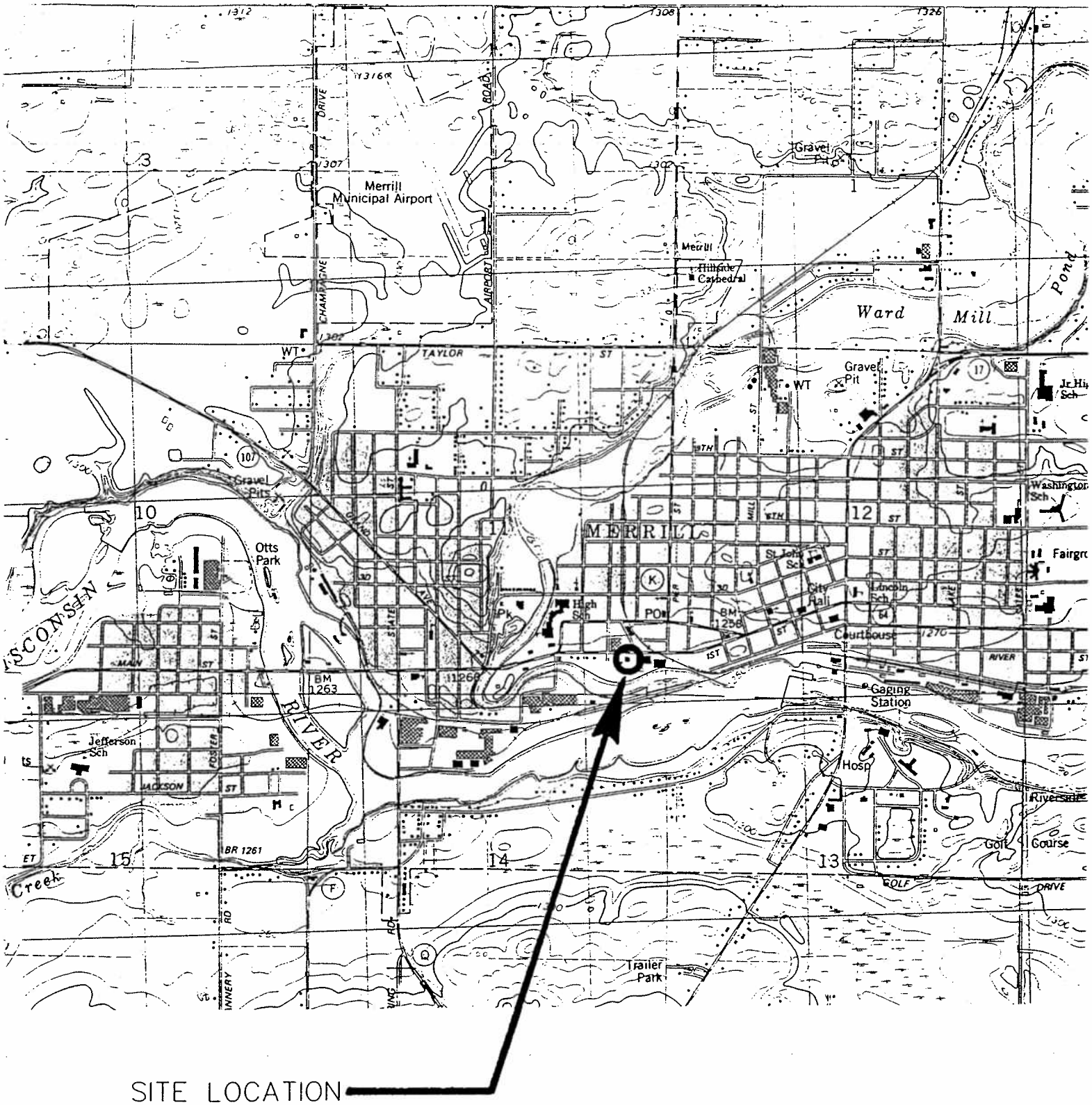
WISCONSIN
DAVID L. LEMKE
S-1845
TOMAHAWK
WI
4-26-88
LAND SURVEYOR

Prepared by: THE BOUNDARY HUNTER #6.00 Bd.
P.O. Box 442
Tomahawk, Wisconsin 54487
715-453-7035

296940

414

Parcel identification number for each property, *if the county in which the property is located uses parcel identificationnumbers.* 34.0092.003.815.00.00



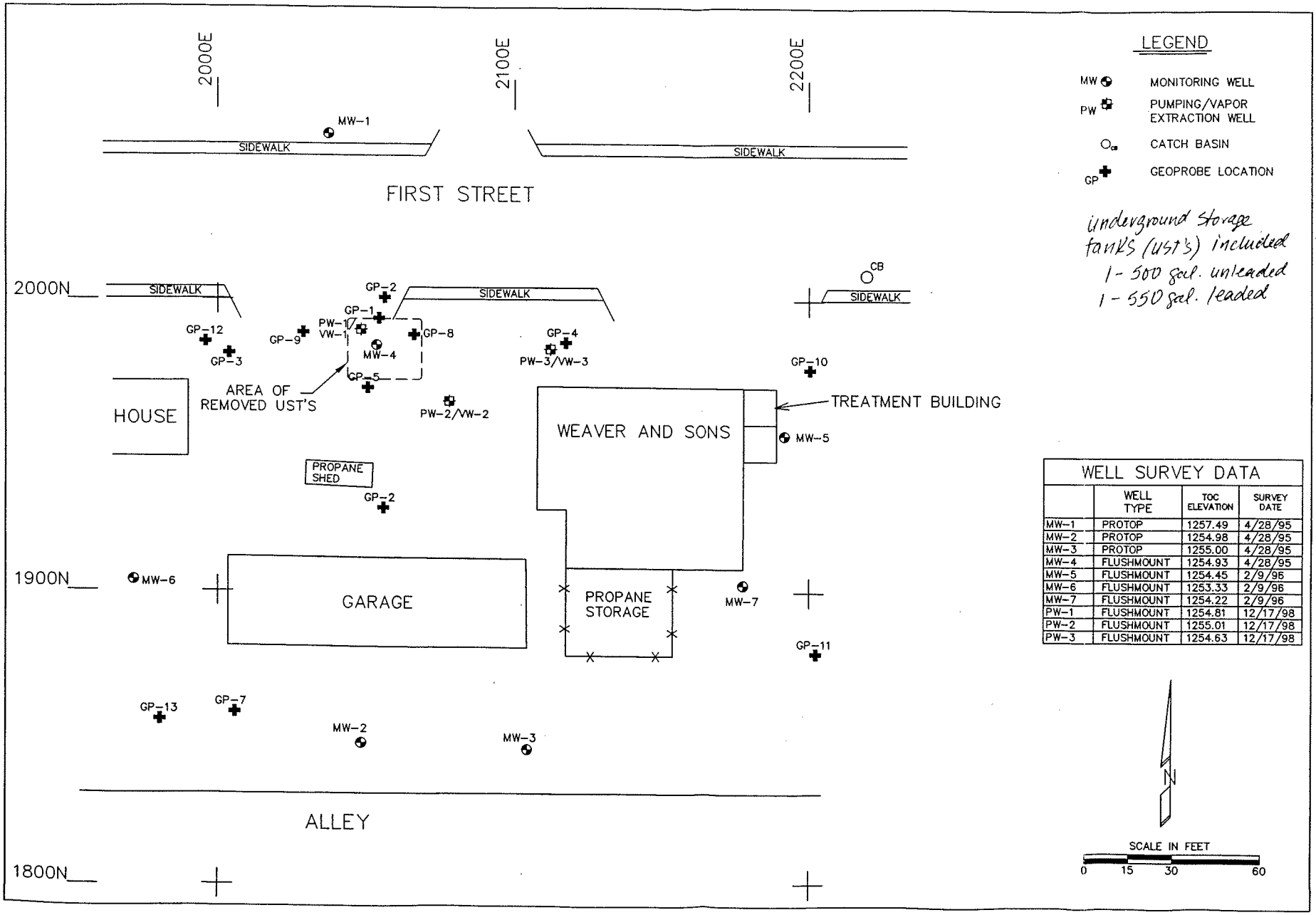
SOURCE:
U.S.G.S. QUADRANGLE MAPS
"MERRILL, WIS." 1982

SCALE: 1:24000

0 1/2 1 MILE

N

SHEET TITLE: SITE LOCATION MAP		
PROJECT: WEAVER AND SONS MERRILL, WISCONSIN		
CENTRAL WISCONSIN ENGINEERS & ARCHITECTS, INC.	DRAWN BY: S.A.S.	FIGURE 1
	CHECKED BY:	
	APPROVED BY:	PROJ. NO. 80395050
	DATE: 3/96	DNR NO. NCD/UID 11



WELL SURVEY DATA

	WELL TYPE	TOC ELEVATION	SURVEY DATE
MW-1	PROTOP	1257.49	4/28/95
MW-2	PROTOP	1254.98	4/28/95
MW-3	PROTOP	1255.00	4/28/95
MW-4	FLUSHMOUNT	1254.93	4/28/95
MW-5	FLUSHMOUNT	1254.45	2/9/96
MW-6	FLUSHMOUNT	1253.33	2/9/96
MW-7	FLUSHMOUNT	1254.22	2/9/96
PW-1	FLUSHMOUNT	1254.81	12/17/98
PW-2	FLUSHMOUNT	1255.01	12/17/98
PW-3	FLUSHMOUNT	1254.63	12/17/98

CENTRAL WISCONSIN ENGINEERS AND ARCHITECTS, INC.
5707 SCHOFIELD AVENUE WESTON, WISCONSIN 54476
PHONE: (715) 359-9400 FAX: (715) 355-4199

PROJECT:
SITE LAYOUT MAP
WEAVER AND SONS, INC.
MERRILL, WISCONSIN

DRAWN BY: H.S.
CHECKED BY:
APPROVED BY:
DATE: 08/00
PROJECT NO: 80395050
DNR NO: 03-36-000011

FIGURE: 1

CAD FILE: [illegible] Figure 2.dwg

TABLE 4
SUMMARY OF THE GEOPROBE GROUNDWATER CHEMISTRY RESULTS
Weaver and Sons
WDNR UID# 11

ABBREVIATIONS
PAL: Preventative Action Limit
ES: Enforcement Standard
PQL: Practical Quantitation Limit
DRO: Diesel Range Organics
GRO: Gasoline Range Organics
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds

Well I.D.				GP-2	GP-3	GP-4	GP-7	GP-10	GP-11
Sample Depth (Ft.)				7-9	10-12	10-12	8-10	8-10	6-8
Date				10/2/95	10/18/95	10/18/95	10/18/95	1/11/96	1/11/96
ORGANICS (TPH)	PAL	ES	PQL *						
GRO	–	–	50	10[1]	140	49[1]	ND	35	71
DRO	–	–	100	--	--	--	--	--	--
ORGANICS (VOC)	PAL	ES	PQL *						
Benzene	0.5	5	1	240	20	11,000	ND	ND	0.3
Ethylbenzene	140	700	1	760	3.7	2,000	ND	2.2	ND
Toluene	68.6	343	1	470	1.1	9,800	ND	ND	ND
o-Xylene	124	620	1	920	5.3	2,900	0.93	2.4	0.46
m- & p- Xylenes	124	620	1	2,500	35	6,300	ND	9.9	0.8
Total Xylenes	124	620	1	3,420	40.3	9,200	ND	12.3	1.3
Methyl-t-butyl ether	12	60	3	ND	ND	96	ND	ND	ND
1,2,4-Trimethylbenzene	–	–	1	910	5.6	1,300	ND	ND	0.95
1,3,5-Trimethylbenzene	–	–	1	240	3.9	510	ND	ND	0.26
METALS	PAL	ES	PQL *						
Lead	1.5	15	2	--	--	--	--	--	--

All results listed as μg/L, which is equivalent to parts per billion, unless otherwise stated

NOTES:
*: Listed values are commonly reported minimum PQLs, actual values may vary.
[1]: Results listed as mg/L which is equilivant to parts per million.
–: Regulatory limit not established.
-- – Not Analyzed
ND – Not Detected
FB – Field Blank

See lab reports for additional information.

f:\users\084\123data\weaver\weaverwa.wk1

TABLE 4 (Cont.)
SUMMARY OF THE GEOPROBE GROUNDWATER CHEMISTRY RESULTS
Weaver and Sons
WDNR UID# 11

ABBREVIATIONS
PAL: Preventative Action Limit
ES: Enforcement Standard
PQL: Practical Quantitation Limit
DRO: Diesel Range Organics
GRO: Gasoline Range Organics
TPH: Total Petroleum Hydrocarbons
VOC: Volatile Organic Compounds

	Well I.D.			GP-12	GP-13				
	Sample Depth (Ft.)			7-9	9-11				
	Date			1/11/96	1/11/96				
ORGANICS (TPH)	PAL	ES	PQL *						
GRO	–	–	50	ND	ND				
DRO	–	–	100	--	--				
ORGANICS (VOC)	PAL	ES	PQL *						
Benzene	0.5	5	1	ND	ND				
Ethylbenzene	140	700	1	ND	ND				
Toluene	68.6	343	1	ND	ND				
o-Xylene	124	620	1	ND	ND				
m- & p- Xylenes	124	620	1	ND	ND				
Total Xylenes	124	620	1	ND	ND				
Methyl-t-butyl ether	12	60	3	ND	ND				
1,2,4-Trimethylbenzene	–	–	1	ND	ND				
1,3,5-Trimethylbenzene	–	–	1	ND	ND				
METALS	PAL	ES	PQL *						
Lead	1.5	15	2	--	--				

All results listed as µg/L, which is equivalent to parts per billion, unless otherwise stated

NOTES:
*: Listed values are commonly reported minimum PQLs, actual values may vary.
–: Regulatory limit not established.
-- – Not Analyzed
ND – Not Detected
FB – Field Blank

See lab reports for additional information.

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TABLE 3
SUMMARY OF THE MOBILE LABORATORY CHEMISTRY RESULTS
Soil and Groundwater
Weaver and Sons, Merrill, WI
WDNR NCD/UID# 11

Sample Location		GP-10	GP-11	GP-12	GP-10	GP-11	GP-12	GP-13
Sample I.D.		GP-10	GP-11	GP-12	Water	Water	Water	Water
Sample Depth (ft.)		6-8	4-6	6-8				
Sample Date		1/11/96	1/11/96	1/11/96	1/11/96	1/11/96	1/11/96	1/11/96
ORGANICS (TPH)	PQL[1]							
GRO	<50	<50	<50	<50	<50	<50	<50	<50
DRO		--	--	--	--	--	--	--
ORGANICS (VOC)	PQL[1]							
Benzene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	1	1	<1	<1	3.7	<1	<1	<1
Toluene	1	2.5	<1	<1	<1	<1	<1	<1
o Xylene	1	<1	1.8	<1	3.4	<1	<1	<1
m&p Xylenes	1	3.7	2.8	<1	12.3	<1	<1	<1
Total xylenes	1	3.7	4.6	<1	15.7	<1	<1	<1
MTBE	3	<3	<3	<3	<3	<3	4.1	<3
1,2,4-TMB	1	1.9	1.9	1	<1	<1	<1	<1
1,3,5-TMB	1	1.9	2	<1	<1	<1	<1	<1

All results listed in ug/Kg, which is equilivent to parts per billion (ppb).

[1]Listed values are commonly reported minimum PQLs, actual values may vary.

-- = Not Analyzed
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds

MTBE = Methyl-t-butyl ether
TMB = Trimethylbenzene

f:\users\084\123data\weaver mlsum.wk1

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	MW-1																NR 140	NR 140
SAMPLE COLLECTION DATE	4/8/1996	5/13/1998	12/3/1998	7/14/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/2001	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003	ES[2]	PAL[3]
PVC Elevation = 1257.49	Pre-Remediation										Post-Remediation							
Depth to Groundwater	7.50	7.89	8.02	7.71	8.13	7.94	8.26	--	8.21	--	8.30	7.91	7.40	7.26	7.36	7.12		
Groundwater Elevation	1249.99	1249.60	1249.47	1249.78	1249.36	1249.55	1249.23	--	1249.28	--	1249.19	1249.58	1250.09	1250.23	1250.13	1250.37		
ANALYTICAL PARAMETERS																		
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	N	N	N	--	N	143	<17	--	<5.9	--	<5.9	<100	<100	<50	--	--	--	--
Volatile Organic Compounds[1]																		
Benzene	N	N	N	N	N	<0.5	<0.5	--	<0.21	--	<0.21	<0.21	<0.43	<0.31	--	--	5	0.5
Ethylbenzene	N	N	N	N	N	<0.6	<0.6	--	<0.23	--	<0.23	<0.22	<0.49	<0.5	--	--	700	140
Methyl tert-butyl ether	N	N	N	N	N	<0.92	<0.92	--	<0.091	--	<0.091	<0.46	<0.49	<0.3	--	--	60	12
Toluene	N	N	N	N	N	<0.6	<0.6	--	<0.22	--	<0.22	<0.41	<0.63	<0.3	--	--	1,000	200
1,2,4-Trimethylbenzene	N	N	N	N	N	<1.7	<1.7	--	<0.23	--	<0.23	<0.26	<0.42	<0.4	--	--	--	--
1,3,5-Trimethylbenzene	N	N	N	N	N	<0.9	<0.9	--	<0.21	--	<0.21	<0.34	<0.72	<0.31	--	--	--	--
Total Trimethylbenzene	N	N	N	N	N	<2.6	<2.6	--	<0.44	--	<0.44	<0.60	<1.14	<0.71	--	--	480	96
Total Xylenes	N	N	N	N	N	<1.7	<1.7	--	<0.44	--	<0.44	<0.69	<1.5	<0.92	--	--	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	1.3	--	--	--	0.2	4.6	6.7	--	--	2.9	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	6.26	6.24	6.34	--	--	6.60	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	305	319	820	--	--	566	--	--
Temperature (°C)	--	--	--	--	--	--	13.4	--	--	--	16.0	13.1	6.7	--	--	9.8	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	67	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	*0.15*	--	--	***0.50***	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	0.33	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	8.9	--	--	--	250	125

NOTES:

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

2) Bold/italicized results indicate an exceedance of NR 140 Enforcement Standards (ESs).

3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

Screen Length = 10 Feet

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	MW-2																NR 140 ES[2]	NR 140 PAL[3]
SAMPLE COLLECTION DATE	4/8/1996	5/13/1998	12/3/1998	7/14/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/2001	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003		
PVC Elevation = 1254.98	Pre-Remediation										Post-Remediation							
Depth to Groundwater	4.98	5.71	5.74	5.42	5.98	5.76	6.09	--	6.05	--	6.19	5.70	5.13	5.15	5.37	--		
Groundwater Elevation	1250.00	1249.27	1249.24	1249.56	1249.00	1249.22	1248.89	--	1248.93	--	1248.79	1249.28	1249.85	1249.83	1249.61	--		
ANALYTICAL PARAMETERS																		
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	N	N	N	--	N	49	<17	--	<5.9	--	<5.9	--	--	--	--	--	--	--
Volatile Organic Compounds[1]																		
Benzene	*0.6*	N	N	N	N	<0.5	<0.5	--	<0.21	--	<0.21	--	--	--	--	--	5	0.5
Ethylbenzene	N	N	N	N	N	<0.6	<0.6	--	<0.23	--	<0.23	--	--	--	--	--	700	140
Methyl tert-butyl ether	N	N	N	N	N	<0.92	<0.92	--	<0.091	--	<0.091	--	--	--	--	--	60	12
Toluene	0.46	N	N	N	N	<0.6	<0.6	--	<0.22	--	<0.22	--	--	--	--	--	1,000	200
1,2,4-Trimethylbenzene	N	N	N	N	N	<1.7	<1.7	--	<0.23	--	<0.23	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	N	N	N	N	N	<0.9	<0.9	--	<0.21	--	<0.21	--	--	--	--	--	--	--
Total Trimethylbenzene	N	N	N	N	N	<2.6	<2.6	--	<0.44	--	<0.44	--	--	--	--	--	480	96
Total Xylenes	N	N	N	N	N	<1.7	<1.7	--	<0.44	--	<0.44	--	--	--	--	--	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	--	--	--	--	0.0	--	--	--	--	--	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	6.10	--	--	--	--	--	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	580	--	--	--	--	--	--	--
Temperature (°C)	--	--	--	--	--	--	--	--	--	--	14.4	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	250	125

NOTES:

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

2) Bold/italicized results indicate an exceedance of NR 140 Enforcement Standards (ESs).

3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

Screen Length = 10 Feet

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	MW-3																NR 140 ES[2]	NR 140 PAL[3]
SAMPLE COLLECTION DATE	4/8/1996	5/13/1998	12/3/1998	7/14/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/2001	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003		
PVC Elevation = 1255.00	Pre-Remediation										Post-Remediation							
Depth to Groundwater	5.05	5.39	5.61	5.29	5.78	5.55	5.89	--	5.84	--	5.97	5.51	4.88	4.90	5.06	--		
Groundwater Elevation	1249.95	1249.61	1249.39	1249.71	1249.22	1249.45	1249.11	--	1249.16	--	1249.03	1249.49	1250.12	1250.10	1249.94	--		
ANALYTICAL PARAMETERS																		
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	N	N	N	--	N	33	<17	--	<5.9	--	<5.9	<100	<100	<50	--	--	--	--
Volatile Organic Compounds[1]																		
Benzene	N	N	N	N	N	<0.5	<0.5	--	<0.21	--	<0.21	<0.21	<0.43	<0.31	--	--	5	0.5
Ethylbenzene	N	N	N	N	N	<0.6	<0.6	--	<0.23	--	<0.23	<0.22	<0.49	<0.5	--	--	700	140
Methyl tert-butyl ether	N	N	N	N	N	<0.92	<0.92	--	<0.091	--	<0.091	<0.46	<0.49	<0.3	--	--	60	12
Toluene	N	N	N	N	N	<0.6	<0.6	--	<0.22	--	<0.22	<0.41	<0.63	<0.3	--	--	1,000	200
1,2,4-Trimethylbenzene	N	N	N	N	N	<1.7	<1.7	--	<0.23	--	<0.23	<0.26	<0.42	<0.4	--	--	--	--
1,3,5-Trimethylbenzene	N	N	N	N	N	<0.9	<0.9	--	<0.21	--	<0.21	<0.34	<0.72	<0.31	--	--	--	--
Total Trimethylbenzene	N	N	N	N	N	<2.6	<2.6	--	<0.44	--	<0.44	<0.60	<1.14	<0.71	--	--	480	96
Total Xylenes	N	N	N	N	N	<1.7	<1.7	--	<0.44	--	<0.44	<0.69	<1.5	<0.92	--	--	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	0.0	--	--	--	0.0	--	--	--	--	--	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	6.13	--	--	--	--	--	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	590	--	--	--	--	--	--	--
Temperature (°C)	--	--	--	--	--	--	12.5	--	--	--	14.0	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	250	125

NOTES:

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

2) Bold/italicized results indicate an exceedance of NR 140 Enforcement Standards (ESs).

3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

Screen Length = 10 Feet

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	MW-4																NR 140 ES[2]	NR 140 PAL[3]
SAMPLE COLLECTION DATE	4/8/1996	5/13/1998	12/3/1998	7/29/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/01[5]	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003		
PVC Elevation = 1254.93	Pre-Remediation										Post-Remediation							
Depth to Groundwater	4.98	5.34	--	5.40	5.47	5.35	5.67	--	5.62	5.61	5.63	5.26	4.71	4.60	4.75	4.47		
Groundwater Elevation	1249.95	1249.59	--	1249.53	1249.46	1249.58	1249.26	--	1249.31	1249.32	1249.30	1249.67	1250.22	1250.33	1250.18	1250.46		
ANALYTICAL PARAMETERS																		
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	30,000	21,200	--	15,300	13,900	14,500	12,700	--	1,390	5,290	9,790	4,200	10,000	8,740	19,900	--	--	--
Volatile Organic Compounds[1]																		
Benzene	***1,600***	***825***	--	***880***	***485***	***703***	***522***	--	***264***	***195***	***300***	***71***	***140***	***150***	***454***	***409***	5	0.5
Ethylbenzene	*650*	*651*	--	*646*	*575*	*700*	*448*	--	*231*	*204*	*420*	*240*	*400*	*422*	*708*	*608*	700	140
Methyl tert-butyl ether	N	*< 25*	--	*< 46*	*< 46*	*< 9.2*	*35*	--	10	10	*19*	<4.6	<4.9	<3.0	<15	<30	60	12
Toluene	***7,500***	***4,890***	--	***3,590***	***3,160***	***2,650***	***2,980***	--	***1,490***	***1,140***	***1,610***	*200*	***1,300***	***1,150***	***4,630***	***3,170***	1,000	200
1,2,4-Trimethylbenzene	1,400	1,050	--	687	702	1,060	827	--	492	351	628	320	610	699	1290	1130	--	--
1,3,5-Trimethylbenzene	530	266	--	172	196	277	236	--	145	100	162	100	190	180	344	298	--	--
Total Trimethylbenzene	***1,930***	***1,316***	--	***859***	***898***	***1,337***	***1,063***	--	***637***	*451*	***790***	*420*	***800***	***879***	***1634***	***1428***	480	96
Total Xylenes	*6,500*	*6,420*	--	*4,100*	*4,020*	*4,220*	*4,220*	--	*2,210*	*1,760*	*3,280*	*1,300*	*3,200*	*3,234*	*7,430*	*6,400*	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	0.0	--	--	--	0.3	0.0	0.0	--	--	0.2	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	6.47	6.39	6.75	--	--	6.69	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	890	610	510	--	--	1132	--	--
Temperature (°C)	--	--	--	--	--	--	14.5	--	--	--	18.0	13.7	6.8	--	--	8.7	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	183	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	***13***	--	--	***15***	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	< 0.023	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	17	--	--	--	250	125

NOTES:

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

2) Bold/italicized results indicate an exceedance of NR 140 Enforcement Standards (ESs).

3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

5) Reported Values are from duplicate sample MW-40 due to a sampling error.

Screen Length = 10 Feet

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	MW-5																NR 140 ES[2]	NR 140 PAL[3]
SAMPLE COLLECTION DATE	4/8/1996	5/13/1998	12/3/1998	7/14/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/2001	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003		
PVC Elevation = 1254.45	Pre-Remediation										Post-Remediation							
Depth to Groundwater	4.48	4.65	5.05	4.74	5.22	4.98	5.33	--	5.30	--	5.40	4.97	4.39	4.32	4.50	4.20		
Groundwater Elevation	1249.97	1249.80	1249.40	1249.71	1249.23	1249.47	1249.12	--	1249.15	--	1249.05	1249.48	1250.06	1250.13	1249.95	1250.25		
ANALYTICAL PARAMETERS																		
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	210	205	52	--	18	108	45	--	<5.9	--	<5.9	<100	<100	<50	67	--	--	--
Volatile Organic Compounds[1]																		
Benzene	***120***	***87***	N	***26***	*2.9*	<0.5	*0.81*	--	<0.21	--	<0.21	<0.21	***18***	<0.31	*8*	--	5	0.5
Ethylbenzene	5	6.0	N	8.7	1.1	<0.6	<0.6	--	<0.23	--	<0.23	<0.22	1.4	<0.5	0.7	--	700	140
Methyl tert-butyl ether	3.5	1.5	N	N	N	<0.92	<0.92	--	<0.091	--	<0.091	<0.46	<0.49	<0.3	<0.3	--	60	12
Toluene	1.1	1.1	N	8.4	N	<0.6	1.1	--	<0.22	--	<0.22	<0.41	<0.63	<0.3	<0.3	--	1,000	200
1,2,4-Trimethylbenzene	7.5	2.0	N	N	N	<1.7	<1.7	--	<0.23	--	<0.23	<0.26	1.4	<0.4	4.8	--	--	--
1,3,5-Trimethylbenzene	0.68	N	N	N	N	<0.9	<0.9	--	<0.21	--	<0.21	<0.34	<0.72	<0.31	0.9	--	--	--
Total Trimethylbenzene	8.2	2.0	N	N	N	<2.6	<2.6	--	<0.44	--	<0.44	<0.60	1.4	<0.71	5.7	--	480	96
Total Xylenes	33	8.3	4.5	6.2	N	<1.7	1.8	--	<0.44	--	<0.44	<0.69	2.4	<0.92	15	--	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	0.0	--	--	--	2.1	0.0	0.1	--	--	0.1	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	6.22	6.37	6.48	--	--	6.72	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	590	379	321	--	--	1071	--	--
Temperature (°C)	--	--	--	--	--	--	14.4	--	--	--	16.8	13.1	7.1	--	--	9.0	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	166	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	***22***	--	--	***41***	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	<0.023	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	6.6	--	--	--	250	125

NOTES:

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3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

Screen Length = 10 Feet

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	MW-6																NR 140 ES[2]	NR 140 PAL[3]
SAMPLE COLLECTION DATE	4/8/1996	5/13/1998	12/3/1998	7/14/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/2001	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003		
PVC Elevation = 1253.33	Pre-Remediation										Post-Remediation							
Depth to Groundwater	3.32	3.80	3.88	3.53	3.98	3.78	4.11	--	4.07	--	4.20	3.76	3.20	3.17	3.31	--		
Groundwater Elevation	1250.01	1249.53	1249.45	1249.80	1249.35	1249.55	1249.22	--	1249.26	--	1249.13	1249.57	1250.13	1250.16	1250.02	--		
ANALYTICAL PARAMETERS																		
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	N	N	N	--	N	<17	<17	--	<5.9	--	<5.9	--	--	--	--	--	--	--
Volatile Organic Compounds[1]																		
Benzene	N	N	N	N	N	<0.5	<0.5	--	<0.21	--	<0.21	--	--	--	--	--	5	0.5
Ethylbenzene	N	N	N	N	N	<0.6	<0.6	--	<0.23	--	<0.23	--	--	--	--	--	700	140
Methyl tert-butyl ether	N	N	N	N	N	<0.92	<0.92	--	<0.091	--	<0.091	--	--	--	--	--	60	12
Toluene	N	N	N	N	N	<0.6	<0.6	--	<0.22	--	<0.22	--	--	--	--	--	1,000	200
1,2,4-Trimethylbenzene	N	N	N	N	N	<1.7	<1.7	--	<0.23	--	<0.23	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	N	N	N	N	N	<0.9	<0.9	--	<0.21	--	<0.21	--	--	--	--	--	--	--
Total Trimethylbenzene	N	N	N	N	N	<2.6	<2.6	--	<0.44	--	<0.44	--	--	--	--	--	480	96
Total Xylenes	N	N	N	N	N	<1.7	<1.7	--	<0.44	--	<0.44	--	--	--	--	--	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	--	--	--	--	20.0	--	--	--	--	--	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	5.89	--	--	--	--	--	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	310	--	--	--	--	--	--	--
Temperature (°C)	--	--	--	--	--	--	--	--	--	--	12.8	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	250	125

NOTES:

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

2) Bold/italicized results indicate an exceedance of NR 140 Enforcement Standards (ESs).

3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

Screen Length = 10 Feet

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	MW-7																NR 140 ES[2]	NR 140 PAL[3]
SAMPLE COLLECTION DATE	4/8/1996	5/13/1998	12/3/1998	7/14/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/2001	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003		
PVC Elevation = 1254.22	Pre-Remediation										Post-Remediation							
Depth to Groundwater	4.25	4.44	4.80	4.48	4.94	4.71	5.05	--	5.08	--	5.15	5.15	4.11	4.05	4.23	3.94		
Groundwater Elevation	1249.97	1249.78	1249.42	1249.74	1249.28	1249.51	1249.17	--	1249.14	--	1249.07	1249.07	1250.11	1250.17	1249.99	1250.28		
ANALYTICAL PARAMETERS																		
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	36	1,250	1,140	--	721	46	161	--	237	--	43	170	310	888	272	--	--	--
Volatile Organic Compounds[1]																		
Benzene	*4.9*	***72***	***194***	***40***	***117***	<0.5	***8.4***	--	***5.0***	--	*1.7*	***7.4***	***12***	***18***	***58***	<0.31	5	0.5
Ethylbenzene	3.2	125	87	9.2	87	<0.6	3.0	--	0.39	--	<0.23	10	38	100	20	<0.5	700	140
Methyl tert-butyl ether	N	N	N	N	N	<0.92	<0.92	--	<0.091	--	<0.091	<0.46	<0.49	<0.3	<0.3	<0.3	60	12
Toluene	N	N	9.9	N	2.9	<0.6	<0.6	--	0.41	--	<0.22	1.4	1.1	5.3	1.7	<0.3	1,000	200
1,2,4-Trimethylbenzene	2.9	102	69	10	66	<1.7	16	--	5.3	--	<0.23	17	30	114	23	<0.4	--	--
1,3,5-Trimethylbenzene	0.8	23	18	2.7	9.4	<0.9	3.4	--	0.71	--	<0.21	3.3	7.3	26	4.5	<0.31	--	--
Total Trimethylbenzene	3.7	*125*	87	13	75	<2.6	19	--	6.0	--	<0 .44	20	37	*140*	28	<0.71	480	96
Total Xylenes	10	407	205	32	68	<1.7	22	--	5.1	--	<0.44	39	100	315	86	<0.92	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	0.0	--	--	--	0.8	0.0	0.1	--	--	0.2	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	6.07	6.21	6.32	--	--	6.66	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	690	620	720	--	--	714	--	--
Temperature (°C)	--	--	--	--	--	--	13.0	--	--	--	15.8	13.2	8.0	--	--	10.2	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	176	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	***107***	--	--	***72***	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	<0.023	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	0.63	--	--	--	250	125

NOTES:

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

2) Bold/italicized results indicate an exceedance of NR 140 Enforcement Standards (ESs).

3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

Screen Length = 10 Feet

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	PW-1																NR 140 ES[2]	NR 140 PAL[3]
SAMPLE COLLECTION DATE	5/13/1998	12/3/1998	2/15/1999	7/14/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/2001	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003		
ANALYTICAL PARAMETERS	Pre-Remediation										Post-Remediation							
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	--	9,850	--	--	--	--	<17	--	603	--	254	320	--	--	--	--	--	--
Volatile Organic Compounds[1]																		
Benzene	--	***94***	***5.6***	*2.1*	--	--	<0.5	--	***47***	--	*4.8*	***6.4***	--	--	--	--	5	0.5
Ethylbenzene	--	*283*	42	5.8	--	--	<0.6	--	29	--	9.6	13.0	--	--	--	--	700	140
Methyl tert-butyl ether	--	N	N	N	--	--	<0.92	--	3.6	--	<0.091	<0.46	--	--	--	--	60	12
Toluene	--	*480*	26	7.6	--	--	<0.6	--	65	--	8.8	2.5	--	--	--	--	1,000	200
1,2,4-Trimethylbenzene	--	740	162	14	--	--	<1.7	--	39	--	20	38	--	--	--	--	--	--
1,3,5-Trimethylbenzene	--	259	54	5.3	--	--	<0.9	--	11	--	5.9	8.3	--	--	--	--	--	--
Total Trimethylbenzene	--	***999***	*216*	19	--	--	<2.6	--	50	--	26	46	--	--	--	--	480	96
Total Xylenes	--	*3,217*	282	46	--	--	<1.7	--	177	--	115	120	--	--	--	--	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	--	--	--	--	0.2	--	--	--	--	--	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	6.03	--	--	--	--	--	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	910	--	--	--	--	--	--	--
Temperature (°C)	--	--	--	--	--	--	--	--	--	--	11.0	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	250	125

NOTES:

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

2) Bold/italicized results indicate an exceedance of NR 140 Enforcement Standards (ESs).

3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

Screen Length = Unknown

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	PW-2																NR 140 ES[2]	NR 140 PAL[3]
SAMPLE COLLECTION DATE	5/13/1998	12/3/1998	2/15/1999	7/14/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/2001	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003		
ANALYTICAL PARAMETERS	Pre-Remediation										Post-Remediation							
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	--	2,320	--	--	--	--	949	--	--	--	1,590	330	--	--	--	--	--	--
Volatile Organic Compounds[1]																		
Benzene	--	***138***	***43***	***11***	--	--	***101***	***66***	***63***	--	***86***	***11***	--	--	--	--	5	0.5
Ethylbenzene	--	49	44	20	--	--	52	43	45	--	*152*	25	--	--	--	--	700	140
Methyl tert-butyl ether	--	N	N	N	--	--	8.7	3.2	4.9	--	2.0	<0.46	--	--	--	--	60	12
Toluene	--	109	82	13	--	--	194	89	93	--	59	2.6	--	--	--	--	1,000	200
1,2,4-Trimethylbenzene	--	101	50	38	--	--	62	52	57	--	149	41	--	--	--	--	--	--
1,3,5-Trimethylbenzene	--	45	15	13	--	--	18	12	15	--	39	2.7	--	--	--	--	--	--
Total Trimethylbenzene	--	*146*	65	51	--	--	80	64	72	--	*188*	44	--	--	--	--	480	96
Total Xylenes	--	429	140	87	--	--	324	249	257	--	670	77	--	--	--	--	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	--	--	--	--	0.2	--	--	--	--	--	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	6.04	--	--	--	--	--	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	780	--	--	--	--	--	--	--
Temperature (°C)	--	--	--	--	--	--	--	--	--	--	11.0	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	250	125

NOTES:

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

2) Bold/italicized results indicate an exceedance of NR 140 Enforcement Standards (ESs).

3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

Screen Length = Unknown

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

Table 5
Summary of Groundwater Monitoring Data
Weaver & Sons, Merrill, Wisconsin

SAMPLE LOCATION	PW-3																NR 140 ES[2]	NR 140 PAL[3]
SAMPLE COLLECTION DATE	5/13/1998	12/3/1998	2/15/1999	7/14/1999	12/21/1999	6/12/2000	11/27/00[4]	2/6/2001	2/28/2001	3/15/2001	9/6/2001	12/4/2001	4/16/2002	10/14/2002	4/8/2003	5/8/2003		
ANALYTICAL PARAMETERS	Pre-Remediation										Post-Remediation							
Total Petroleum Hydrocarbons[1]																		
Gasoline Range Organics	--	1,360	--	--	--	--	288	--	<5.9	--	23	<100	--	--	--	--	--	--
Volatile Organic Compounds[1]																		
Benzene	--	***93***	***91***	***6.1***	--	--	***24***	<0.21	<0.21	--	<0.21	0.34	--	--	--	--	5	0.5
Ethylbenzene	--	31	24	N	--	--	12	<0.23	<0.23	--	0.9	1.1	--	--	--	--	700	140
Methyl tert-butyl ether	--	N	N	N	--	--	2.0	<0.091	<0.091	--	<0.091	<0.46	--	--	--	--	60	12
Toluene	--	47	18	N	--	--	43	<0.22	<0.22	--	0.88	1.0	--	--	--	--	1,000	200
1,2,4-Trimethylbenzene	--	21	19	N	--	--	14	<0.23	<0.23	--	2.3	1.0	--	--	--	--	--	--
1,3,5-Trimethylbenzene	--	4.8	2.9	N	--	--	4.1	<0.21	<0.21	--	0.65	0.44	--	--	--	--	--	--
Total Trimethylbenzene	--	26	22	N	--	--	18.1	<0.44	<0.44	--	2.95	1.44	--	--	--	--	480	96
Total Xylenes	--	113	45	N	--	--	77	<0.44	<0.44	--	9.9	6.1	--	--	--	--	10,000	1,000
Field Measurements/Inorganic																		
Dissolved Oxygen (mg/L)	--	--	--	--	--	--	--	--	--	--	0.2	--	--	--	--	--	--	--
p.H. (S.U.)	--	--	--	--	--	--	--	--	--	--	5.69	--	--	--	--	--	--	--
Conductivity (µmho/cm)	--	--	--	--	--	--	--	--	--	--	453	--	--	--	--	--	--	--
Temperature (°C)	--	--	--	--	--	--	--	--	--	--	11.6	--	--	--	--	--	--	--
Alkalinity (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.3	0.15
Nitrate+Nitrate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	2
Sulfate (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	250	125

NOTES:

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

2) Bold/italicized results indicate an exceedance of NR 140 Enforcement Standards (ESs).

3) Italicized results indicate an exceedance of NR 140 Preventive Action Limits (PALs).

4) Sample holding times were exceeded during analysis.

Screen Length = Unknown

N = Not Detected above Method Detection Limits (MDLs); please refer to the attached laboratory reports for MDLs.

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

TABLE 2
SUMMARY OF SOIL CHEMISTRY RESULTS
Weaver and Sons, Merrill, WI
WDNR NCD/UID# 11

Sample Location		MW-4	MW-4	GP-1	GP-2	GP-3		GP-4
Sample I.D.		MW4-4	MW4-7	GP1-8	GP2-5	GP3-2	GP3-5	GP4-2
Sample Depth (ft.)		8-10	14-16	20-22	16-18	4-6	10-12	4-6
Sample Date		4/28/95	4/28/95	10/2/95	10/2/95	10/18/95	10/18/95	10/18/95
ORGANICS (TPH)	PQL[1]							
GRO	5	120	79	0.64	2.3	ND	2.8	5.9
DRO	5	--	--	--	--	--	--	--
ORGANICS (VOC)	PQL[1]							
Benzene	0.1	ND	ND	ND	ND	ND	ND	55
n-Butylbenzene	0.19	12	0.018	--	--	--	--	--
Ethylbenzene	0.2	6.2	0.0029	ND	ND	ND	ND	95
Naphthalene	0.019	3.2	0.036	--	--	--	--	--
n-Propylbenzene	0.025	3.4	ND	--	--	--	--	--
Toluene	0.3	12	0.014	0.09	0.029	ND	18	85
o Xylene	0.2	16	0.016	0.043	0.032	ND	ND	76
m&p Xylenes	0.2	39	0.032	0.065	0.048	ND	ND	200
Total xylenes	0.2	55	0.048	0.108	0.08	ND	ND	276
MTBE	0.3	ND	ND	ND	ND	ND	ND	ND
1,2,4-TMB	0.2	26	0.035	ND	0.087	ND	ND	32
1,3,5-TMB	0.2	13	0.013	ND	0.02	ND	ND	31

in ppm

Sample Location		GP-5		GP-6	GP-8		GP-9	GP-10
Sample I.D.		GP5-3	GP5-5	GP6-2	GP8-1	GP8-3	GP9-1	GP10-1
Sample Depth (ft.)		4-6	10-12	4-6	4-6	10-12	4-6	4-6
Sample Date		10/18/95	10/18/95	10/18/95	10/18/95	10/18/95	10/18/95	1/11/96
ORGANICS (TPH)	PQL[1]							
GRO	5	1100	21	5	2600	0.93	2.7	ND
DRO	5	--	--	--	--	--	--	--
ORGANICS (VOC)	PQL[1]							
Benzene	0.1	ND	26	71	13000	ND	54	ND
Ethylbenzene	0.2	14000	230	61	59000	ND	29	ND
Toluene	0.3	7000	190	73	180000	33	32	ND
o Xylene	0.2	17000	290	19	100000	ND	130	ND
m&p Xylenes	0.2	55000	880	76	350000	ND	550	ND
Total xylenes	0.2	72000	1170	95	350000	ND	680	ND
MTBE	0.3	ND	ND	ND	ND	ND	ND	ND
1,2,4-TMB	0.2	65000	800	38	150000	ND	200	ND
1,3,5-TMB	0.2	21000	290	ND	53000	ND	49	ND
METALS	PQL[1]							
Lead	6	--	--	--	--	--	--	

in ppb

[1]Listed values are commonly reported minimum PQLs, actual values may vary.

ND = Not detected
-- = Not Analyzed
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds

MTBE = Methyl-t-butyl ether
TMB = Trimethylbenzene

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TABLE 2 Cont.

SUMMARY OF SOIL CHEMISTRY RESULTS

Weaver and Sons, Merrill, WI
WDNR NCD/UID# 11

Sample Location		GP-11	GP-12	GP-13	MW-5		MW-6	
Sample I.D.		GP11-1	GP12-1	GP13-1	MW5-1	MW5-3	MW6-1	MW6-2
Sample Depth (ft.)		4-6	6-8	6-8	4-6	12-14	4-6	12-14
Sample Date		1/11/96	1/11/96	1/11/96	2/6/96	2/6/96	2/6/96	2/6/96
ORGANICS (TPH)	PQL[1]							
GRO	5	ND	ND	4.4	ND	ND	ND	ND
DRO	5	--	--	--	--	--	--	--
ORGANICS (VOC)	PQL[1]							
Benzene	0.1	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	0.2	ND	ND	58	ND	ND	ND	ND
Toluene	0.3	ND	ND	ND	ND	14	ND	ND
o Xylene	0.2	ND	ND	ND	ND	ND	ND	ND
m&p Xylenes	0.2	ND	ND	ND	ND	ND	ND	ND
Total xylenes	0.2	ND	ND	ND	ND	ND	ND	ND
MTBE	0.3	ND	ND	ND	ND	ND	ND	ND
1,2,4-TMB	0.2	ND	ND	ND	25	ND	ND	ND
1,3,5-TMB	0.2	ND	ND	ND	ND	ND	ND	ND

Sample Location		Field						
Sample I.D.		Blank						
Sample Depth (ft.)		--						
Sample Date		2/6/96						
ORGANICS (TPH)	PQL[1]							
GRO	5	ND						
DRO	5	--						
ORGANICS (VOC)	PQL[1]							
Benzene	0.1	ND						
Ethylbenzene	0.2	ND						
Toluene	0.3	ND						
o Xylene	0.2	ND						
m&p Xylenes	0.2	ND						
Total xylenes	0.2	ND						
MTBE	0.3	ND						
1,2,4-TMB	0.2	23						
1,3,5-TMB	0.2	ND						

All GRO results listed as mg/Kg, which is equivalent to parts per million (ppm), all others are in ug/Kg which is equivalent to parts per billion (ppb)
[1]Listed values are commonly reported minimum PQLs, actual values may vary.

ND = Not detected
-- = Not Analyzed
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds

MTBE = Methyl-t-butyl ether
TMB = Trimethylbenzene

TABLE 3
SUMMARY OF THE MOBILE LABORATORY CHEMISTRY RESULTS
Soil and Groundwater
Weaver and Sons, Merrill, WI
WDNR NCD/UID# 11

Sample Location		GP-10	GP-11	GP-12	GP-10	GP-11	GP-12	GP-13
Sample I.D.		GP-10	GP-11	GP-12	Water	Water	Water	Water
Sample Depth (ft.)		6-8	4-6	6-8				
Sample Date		1/11/96	1/11/96	1/11/96	1/11/96	1/11/96	1/11/96	1/11/96
ORGANICS (TPH)	PQL[1]							
GRO	<50	<50	<50	<50	<50	<50	<50	<50
DRO		--	--	--	--	--	--	--
ORGANICS (VOC)	PQL[1]							
Benzene	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	1	1	<1	<1	3.7	<1	<1	<1
Toluene	1	2.5	<1	<1	<1	<1	<1	<1
o Xylene	1	<1	1.8	<1	3.4	<1	<1	<1
m&p Xylenes	1	3.7	2.8	<1	12.3	<1	<1	<1
Total xylenes	1	3.7	4.6	<1	15.7	<1	<1	<1
MTBE	3	<3	<3	<3	<3	<3	4.1	<3
1,2,4-TMB	1	1.9	1.9	1	<1	<1	<1	<1
1,3,5-TMB	1	1.9	2	<1	<1	<1	<1	<1

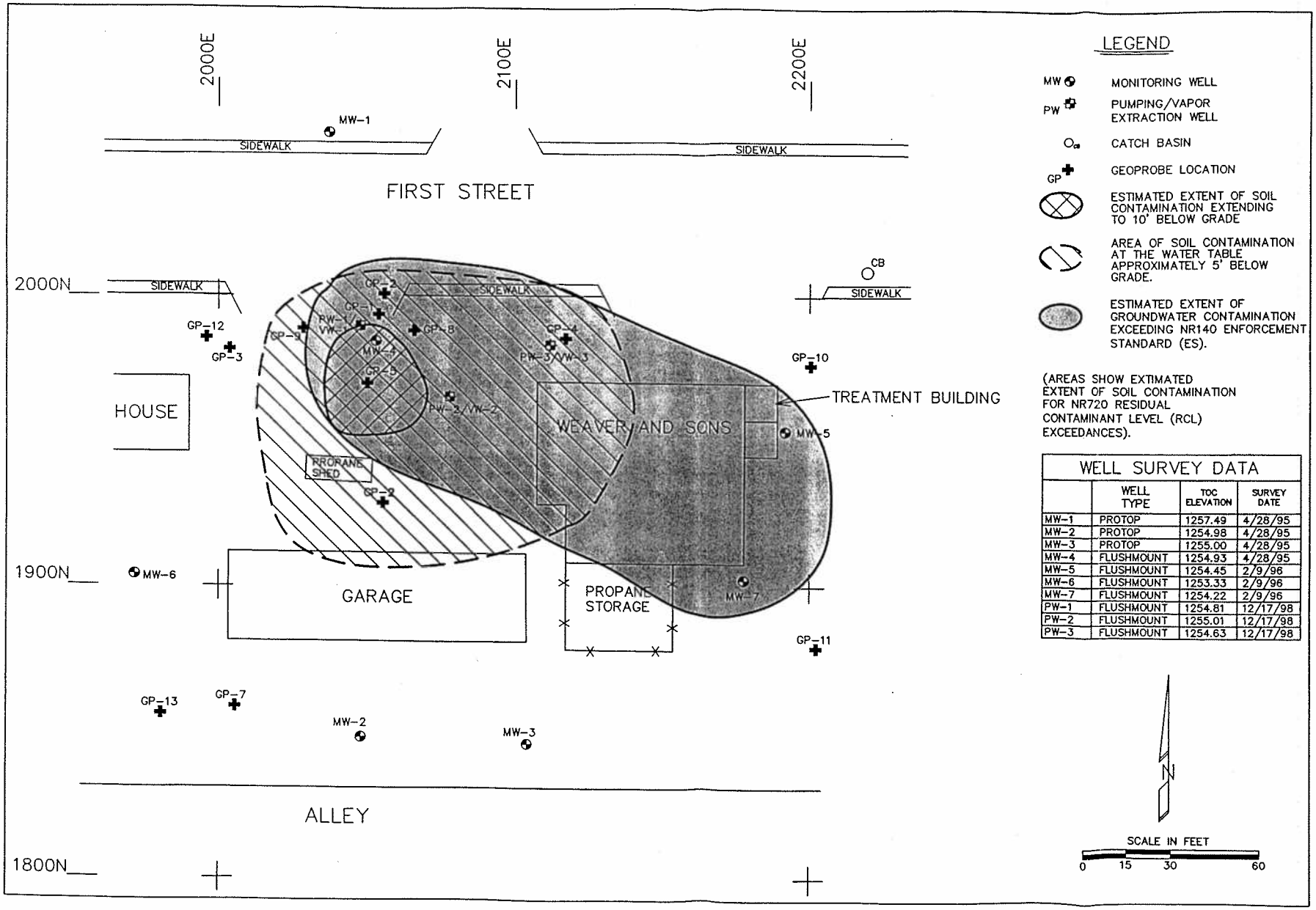
All results listed in ug/Kg, which is equilivent to parts per billion (ppb).

[1]Listed values are commonly reported minimum PQLs, actual values may vary.

-- = Not Analyzed
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds

MTBE = Methyl-t-butyl ether
TMB = Trimethylbenzene

f:\users\084\123data\weaver mlsum.wk1



WELL SURVEY DATA

	WELL TYPE	TOC ELEVATION	SURVEY DATE
MW-1	PROTOP	1257.49	4/28/95
MW-2	PROTOP	1254.98	4/28/95
MW-3	PROTOP	1255.00	4/28/95
MW-4	FLUSHMOUNT	1254.93	4/28/95
MW-5	FLUSHMOUNT	1254.45	2/9/96
MW-6	FLUSHMOUNT	1253.33	2/9/96
MW-7	FLUSHMOUNT	1254.22	2/9/96
PW-1	FLUSHMOUNT	1254.81	12/17/98
PW-2	FLUSHMOUNT	1255.01	12/17/98
PW-3	FLUSHMOUNT	1254.63	12/17/98

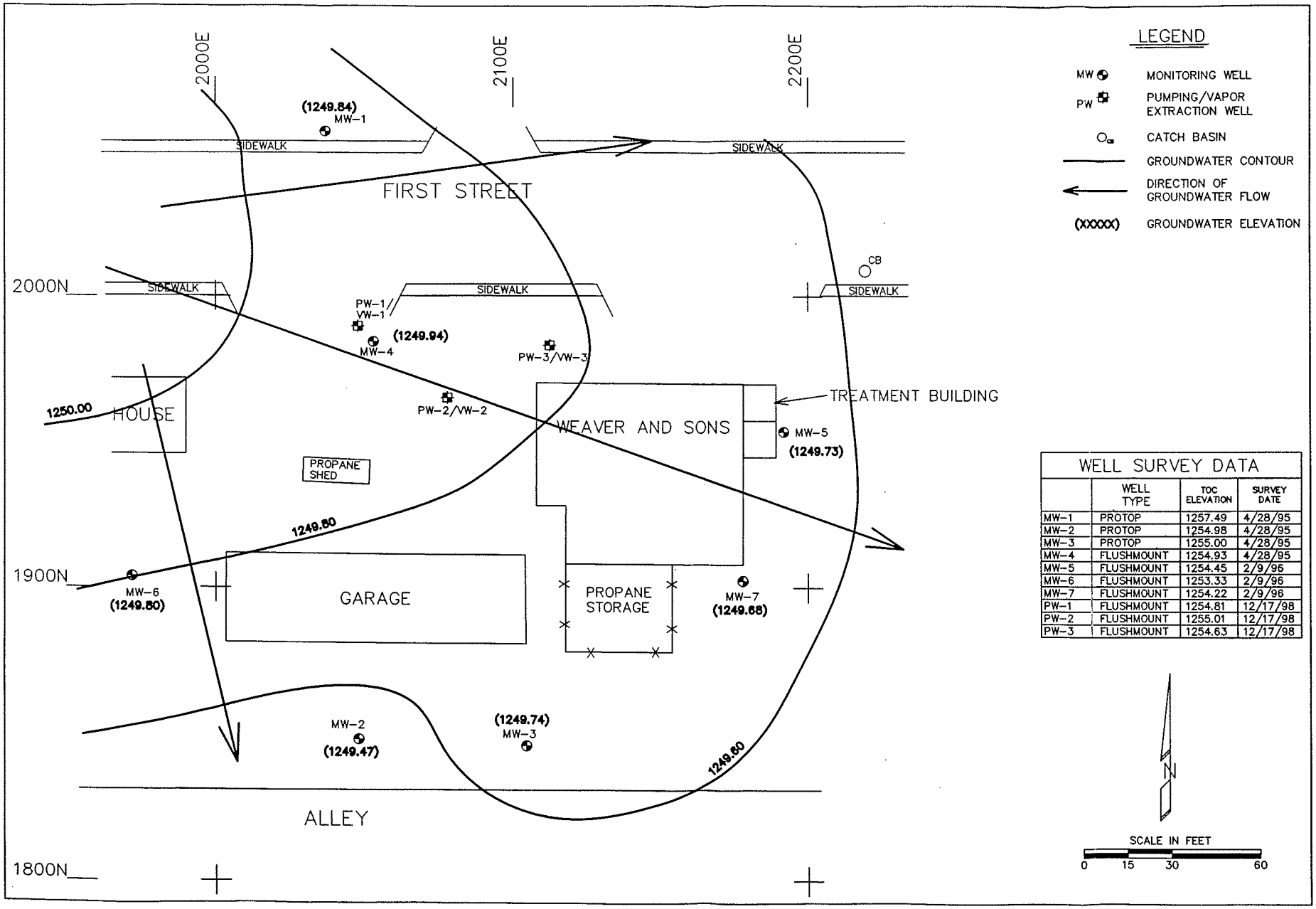
CENTRAL WISCONSIN ENGINEERS AND ARCHITECTS, INC.
5707 SCHOFIELD AVENUE WESTON, WISCONSIN 54476
PHONE: (715) 359-9400 FAX: (715) 355-4199

PROJECT:
ESTIMATED EXTENT OF RESIDUAL SOIL AND GROUNDWATER CONTAMINATION
WEAVER AND SONS, INC.
MERRILL, WISCONSIN

DRAWN BY: AJK
CHECKED BY:
APPROVED BY:
DATE: 06/03
PROJECT NO: B0395050
DNR NO: 03-36-000011

FIGURE: 3

CAD FILE:



WELL SURVEY DATA

	WELL TYPE	TOC ELEVATION	SURVEY DATE
MW-1	PROTOP	1257.49	4/28/95
MW-2	PROTOP	1254.98	4/28/95
MW-3	PROTOP	1255.00	4/28/95
MW-4	FLUSHMOUNT	1254.93	4/28/95
MW-5	FLUSHMOUNT	1254.45	2/9/96
MW-6	FLUSHMOUNT	1253.33	2/9/96
MW-7	FLUSHMOUNT	1254.22	2/9/96
PW-1	FLUSHMOUNT	1254.81	12/17/98
PW-2	FLUSHMOUNT	1255.01	12/17/98
PW-3	FLUSHMOUNT	1254.63	12/17/98

CENTRAL WISCONSIN ENGINEERS AND ARCHITECTS, INC.
5707 SCHOFIELD AVENUE WESTON, WISCONSIN 54476
PHONE: (715) 359-9400 FAX: (715) 355-4199

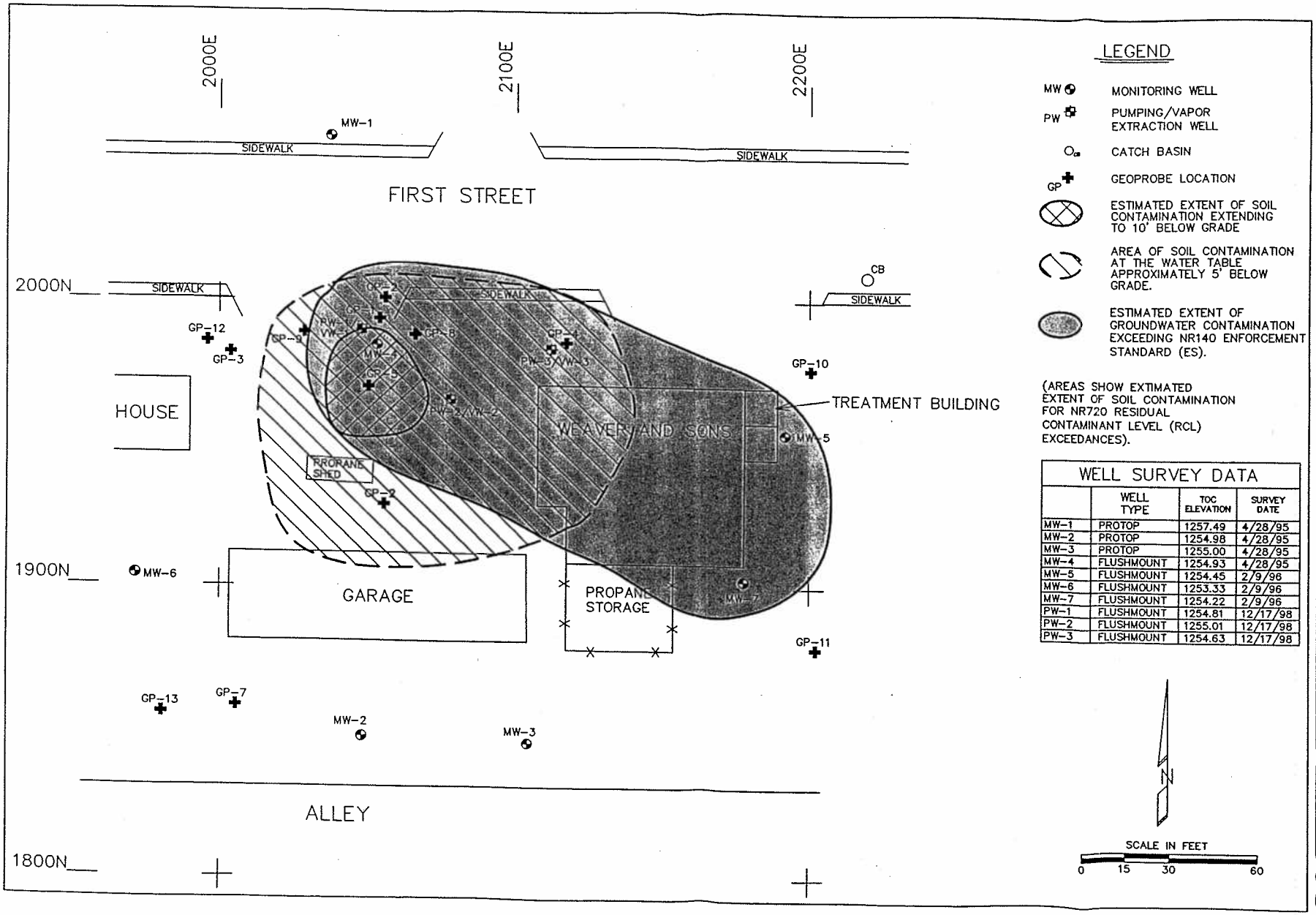
PROJECT:

GROUNDWATER CONTOUR MAP
FOR POST-REMEDIATION DATA
WEAVER AND SONES, INC.
MERRILL, WISCONSIN

DRAWN BY: H.S.
CHECKED BY:
APPROVED BY:
DATE: 08/00
PROJECT NO: 80395050
DWR NO: 03-36-000011

FIGURE: 4C

CAD FILE: [illegible]



WELL SURVEY DATA

	WELL TYPE	TOC ELEVATION	SURVEY DATE
MW-1	PROTOP	1257.49	4/28/95
MW-2	PROTOP	1254.98	4/28/95
MW-3	PROTOP	1255.00	4/28/95
MW-4	FLUSHMOUNT	1254.93	4/28/95
MW-5	FLUSHMOUNT	1254.45	2/9/96
MW-6	FLUSHMOUNT	1253.33	2/9/96
MW-7	FLUSHMOUNT	1254.22	2/9/96
PW-1	FLUSHMOUNT	1254.81	12/17/98
PW-2	FLUSHMOUNT	1255.01	12/17/98
PW-3	FLUSHMOUNT	1254.63	12/17/98

CENTRAL WISCONSIN ENGINEERS AND ARCHITECTS, INC.
5707 SCHOFIELD AVENUE WESTON, WISCONSIN 54476
PHONE: (715) 359-9400 FAX: (715) 355-4199

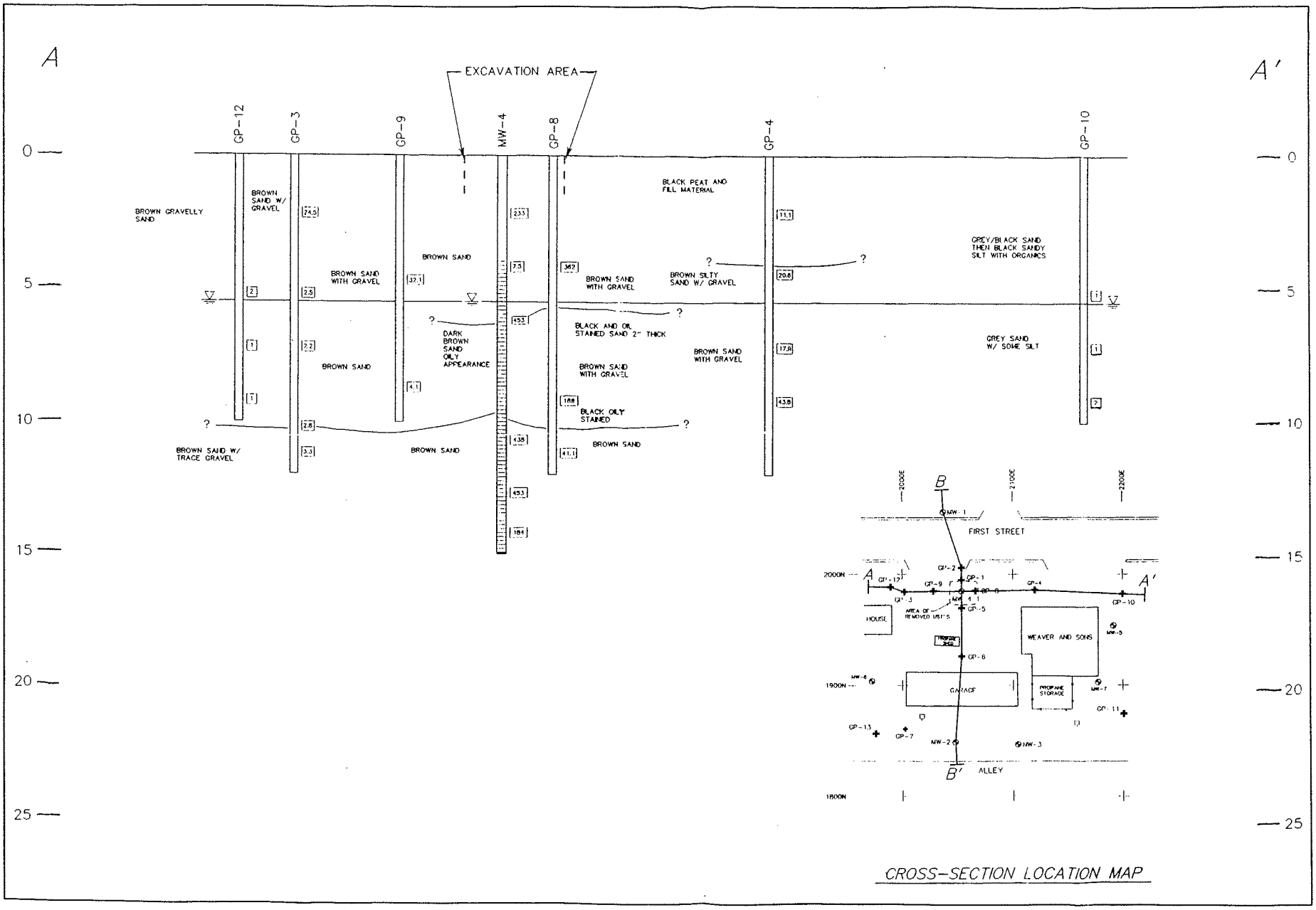
PROJECT:

ESTIMATED EXTENT OF RESIDUAL SOIL AND GROUNDWATER CONTAMINATION
WEAVER AND SONS, INC.
MERRILL, WISCONSIN

DRAWN BY: AJK
CHECKED BY:
APPROVED BY:
DATE: 06/03
PROJECT NO: 80395050
DWG NO: 03-38-000011

FIGURE: 3

CAD FILE:



CROSS-SECTION LOCATION MAP

CENTRAL WISCONSIN ENGINEERS AND ARCHITECTS, INC.
5707 SCHOFIELD AVENUE WESTON, WISCONSIN 54476
PHONE: (715) 359-9400 FAX: (715) 355-4199

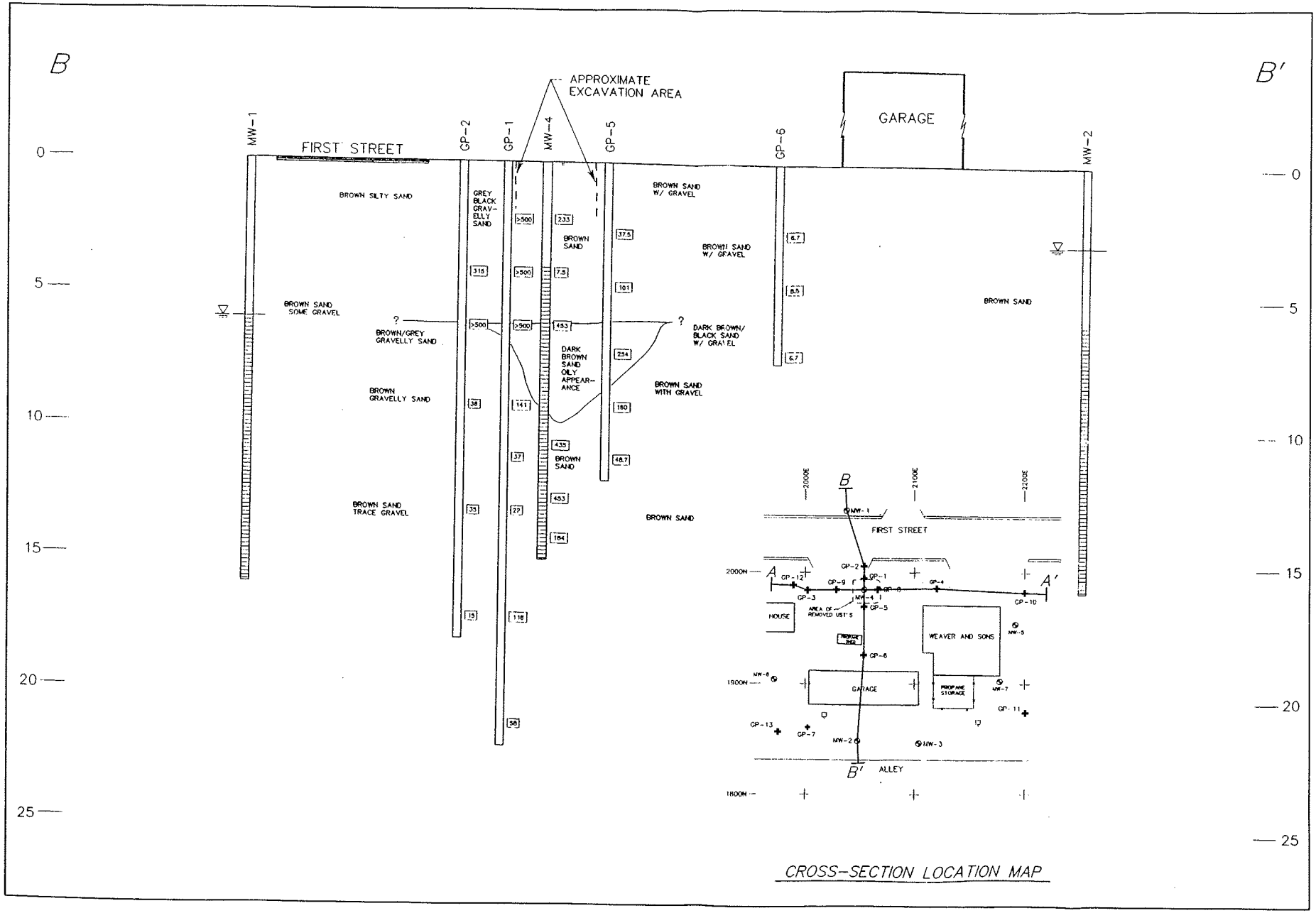
PROJECT:

GEOLOGIC CROSS-SECTION A-A'
WEAVER AND SONS, INC.
MERRILL, WISCONSIN

DRAWN BY: H.S.
CHECKED BY:
APPROVED BY:
DATE: 08/00
PROJECT NO: 80395050
DWG NO: 03-36-000011

FIGURE: 3A

CAD FILE: [illegible]



CENTRAL WISCONSIN ENGINEERS AND ARCHITECTS, INC.
5707 SCHOFIELD AVENUE WESTON, WISCONSIN 54476
PHONE: (715) 359-9400 FAX: (715) 355-4199

PROJECT:
GEOLOGIC CROSS-SECTION B-B'
WEAVER AND SONS, INC.
MERRILL, WISCONSIN

DRAWN BY: H.S.
CHECKED BY:
APPROVED BY:
DATE: 08/00
PROJECT NO: 80395050
DWG NO: 03-38-000011

FIGURE: 3B

CAD FILE:

RESPONSIBLE PARTY STATEMENT

By signing this document, I, **Paul Weaver**, responsible party for the **Weaver & Sons** petroleum contamination investigation and remediation project in Merrill, Wisconsin, attest that the legal description as recorded on the Property Deed in Volume 208 pages 143-144 recorded on January 2, 1959 and attached Certified Survey Map No. 505 recorded on May 2, 1988 are correct for the property located at 305 East First Street in Merrill, Wisconsin located in Lincoln County.

Paul Weaver

Paul Weaver

7-1-03

Date

CENTRAL WISCONSIN ENGINEERS & ARCHITECTS

Engineers · Architects · Scientists · Surveyors

5707 Schofield Avenue
P.O. Box 107
Weston, WI 54476-0107
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Tel 715.359.9400
Fax 715.355.4199
Toll-free 800.261.5707
general@cwengineers.com

July 1, 2003

Mr. Patrick Giesendorf, City Engineer
City of Merrill
1004 East First Street
Merrill, WI 54452

Subject: **Notice of Residual Soil and Groundwater Contamination**
(Former) Weaver & Sons, 305 East First Street, Merrill, WI
Commerce Site # 54452-2307-05
DNR Site # 03-35-000011
CWEA Project # 80395050

Dear Mr. Giesendorf:

On behalf of Mr. Paul Weaver, Central Wisconsin Engineers & Architects, Inc. (CWEA) is providing notice of residual soil and groundwater contamination which may exist in the right-of-way for the property at 305 East First Street in Merrill, Wisconsin. See attached map labeled Figure 1.

Petroleum contamination associated with former underground storage tanks (USTs) was discovered during the removal of two underground tanks in 1989. Since that time, CWEA has conducted an ongoing investigation/remediation of the contamination. A subsurface treatment system was installed at the site to address the soil and groundwater contamination.

Based on the decreasing contaminant levels, the Wisconsin Department of Commerce has determined that the site qualifies for case closure. Natural attenuation will continue to remediate the soil and groundwater, and compliance with regulatory standards is expected within a reasonable period of time. Note that if future construction or utility work is performed in these areas, proper environmental and safety precautions should be undertaken to ensure public welfare.

If you have any questions regarding this matter, please contact Mr. Pete Arntsen, Project Manager at Central Wisconsin Engineers & Architects, Inc. at (715) 359-9400.

Sincerely,
Central Wisconsin Engineers & Architects, Inc.

Cindy L. Zelenka

Cindy L. Zelenka
Environmental Technician

Enclosure

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