GIS REGISTRY INFORMATION

SITE NAME: Water Street ROW

BRRTS #: 260183195 | 460174880

COMMERCE # (if appropriate):

CLOSURE DATE: 03/29/2000

STREET ADDRESS: 746 Water Street

CITY: Sheboygan ~~Sheboygan~~

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 703632 Y= 367050

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

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: [X] Yes [ ] No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	x
Copy of most recent deed, including legal description, for all affected properties	na
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	na
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)	
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.	na
GW: Table of water level elevations, with sampling dates, and free product noted if present	na
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	na
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	na
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	na
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

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Plymouth Service Center
1155 Pilgrim Rd.
P.O. Box 408
Plymouth, Wisconsin 53073-0408
Telephone 920-892-8756
FAX 920-892-6638

January 12, 2004

David Biebel
City of Sheboygan Department of Public Works
833 Center Street
Sheboygan, WI 53081

Dear Mr. Biebel:

Subject: Final case closure, former Water Street Right-of-Way, file reference FID #460174880, BRRTS #0260183195

Thank you for having your consultant submit final closure documentation. The department considers this case to have final closure status.

If you have any questions about this letter, please call me at 920-892-8756, extension 3023.

Sincerely

John Feeney
Wisconsin Department of Natural Resources

Cc: Miller Engineers and Scientists
SER file

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Annex
4041 North Richards Street
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-229-0800
FAX 414-229-0810

March 29, 2000

David Biebel
City of Sheboygan Department of Public Works
833 Center Street
Sheboygan, WI 53081

Dear Mr. Biebel:

Subject: Case closure, former Water Street Right-of-Way, file reference FID #460174880, BRRTS #0260183195

I have reviewed your case file based on documents submitted by Miller Engineers and Scientists. Based on this information I agree with Miller in that no further work is needed. The department reserves the right to reopen this case pursuant to s. NR726.09, Wisconsin Administrative Code (WAC), should additional information regarding site conditions indicate contamination on or from the site poses a threat to public health, safety or welfare or the environment.

To complete the closure of this site, you must place a groundwater use restriction on the property deed at the county register of deeds office which specifies the legal description of the property, the location, type, and concentration of the contaminants and includes the following language:

> Natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property. Construction of wells where water quality exceeds the drinking water standards in ch. NR809 is restricted by chs. NR811 and NR812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property.

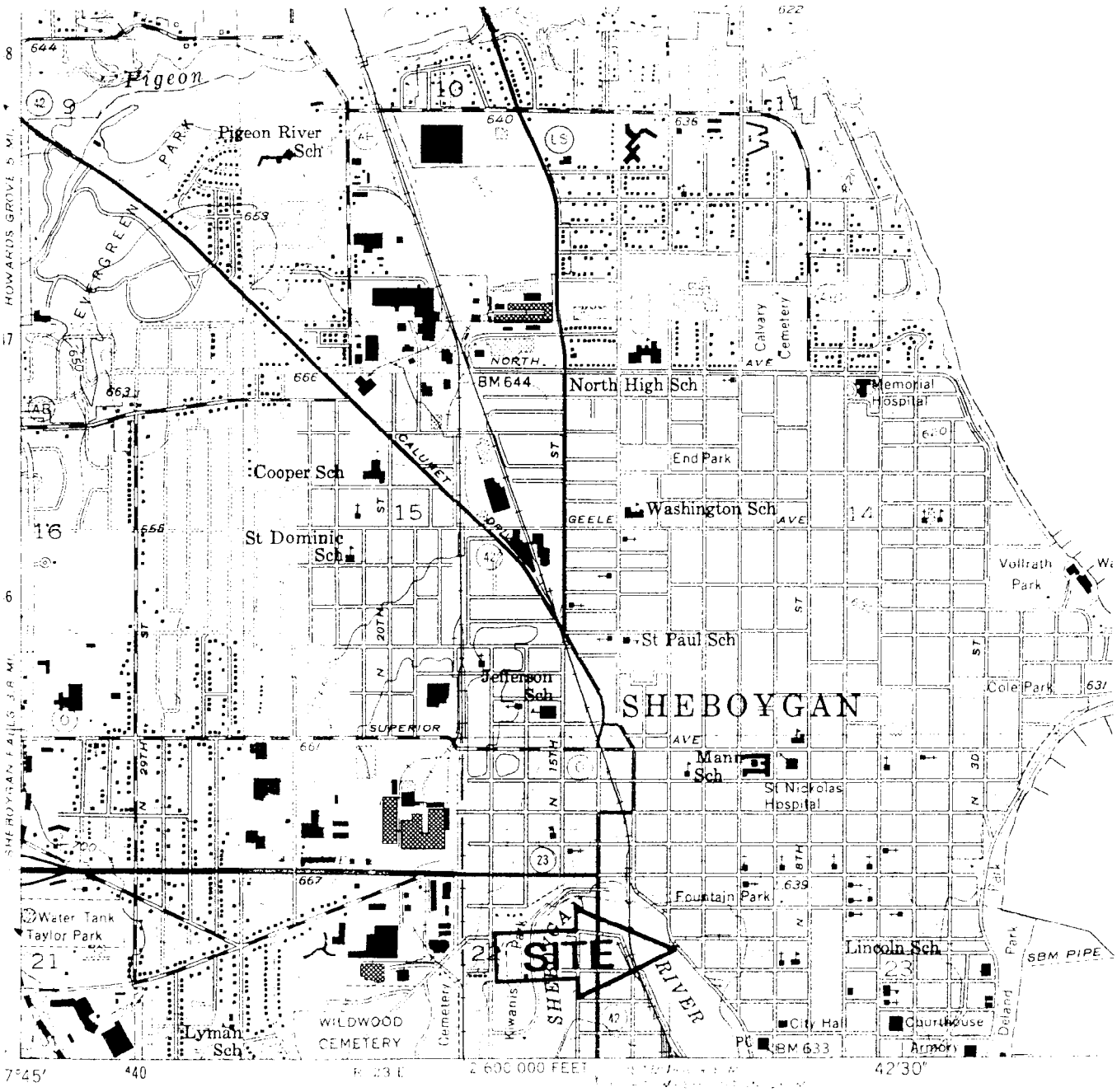
Within 60 days all of the groundwater monitoring wells at the site must be abandoned in accordance with WAC NR 141, and the completed abandonment forms must be submitted to the department. Once the department receives the abandonment forms and a copy of the filed and notarized deed notification, this case will be tracked as closed on our computer tracking system.

If you have any questions about this letter, please call me at 414-229-0850.

Sincerely,

John Feeney

Cc; Miller Engineers and Scientists



Produced by the United States Geological Survey

DATE	10/8/03	BY	JAK
PROJECT NO.	03-1-16242	CK	PGP
Sheboygan North Scale 1:24000 Wisconsin – Sheboygan Co.			

CLIENT: CITY OF SHEBOYGAN

JOB: GIS REGISTRATION

LOCATION: FORMER WATER STREET RIGHT-OF-WAY
SHEBOYGAN, WISCONSIN

MILLER
ENGINEERS
SCIENTISTS
An Employee Owned Company

Figure 1: Site Location Map

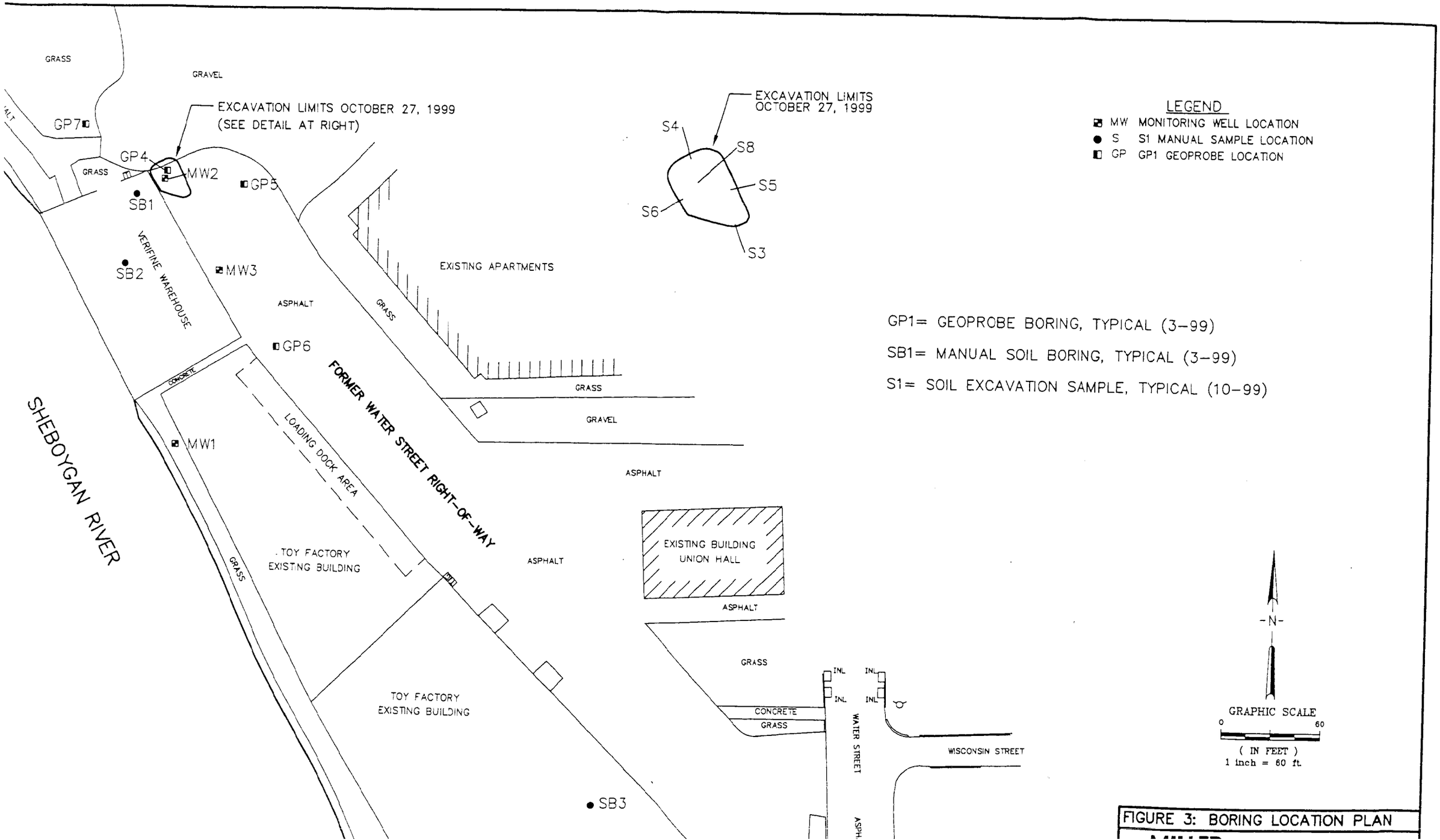
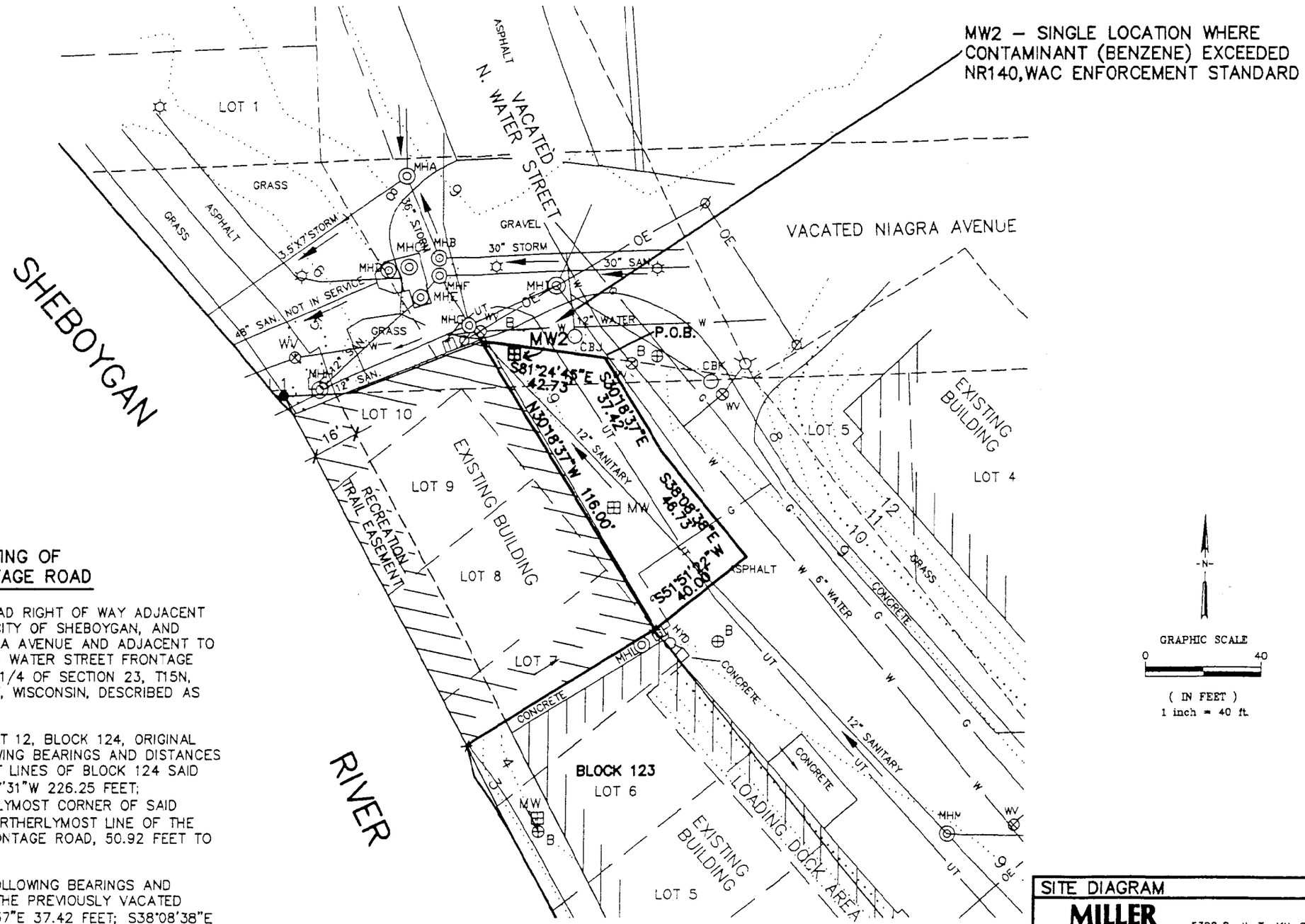


FIGURE 3: BORING LOCATION PLAN



DESCRIPTION – THE VACATING OF NORTH WATER STREET FRONTAGE ROAD

E NORTH WATER STREET FRONTAGE ROAD RIGHT OF WAY ADJACENT
K 123 OF THE ORIGINAL PLAT OF THE CITY OF SHEBOYGAN, AND
T TO THE PREVIOUSLY VACATED NIAGARA AVENUE AND ADJACENT TO
N OF THE PREVIOUSLY VACATED NORTH WATER STREET FRONTAGE
L LOCATED IN PART OF THE NW1/4 SW1/4 OF SECTION 23, T15N,
Y OF SHEBOYGAN, SHEBOYGAN COUNTY, WISCONSIN, DESCRIBED AS

ING AT THE SOUTHEAST CORNER OF LOT 12, BLOCK 124, ORIGINAL
Y OF SHEBOYGAN; THENCE THE FOLLOWING BEARINGS AND DISTANCES
E SOUTHERLYMOST AND WESTERLYMOST LINES OF BLOCK 124 SAID
PLAT; S88°23'08"W 29.89 FEET; N43°57'31"W 226.25 FEET;
"W 186.85 FEET TO THE NORTHWESTERLYMOST CORNER OF SAID
4; THENCE N81°24'45"W ALONG THE NORTHERLYMOST LINE OF THE
LY VACATED NORTH WATER STREET FRONTAGE ROAD, 50.92 FEET TO
T OF BEGINNING;

ROM SAID POINT OF BEGINNING, THE FOLLOWING BEARINGS AND
S ALONG THE WESTERLYMOST LINE OF THE PREVIOUSLY VACATED
ATER STREET FRONTAGE ROAD; S30°18'37"E 37.42 FEET; S38°08'38"E
T; S51°51'22"W 40.00 FEET TO A POINT ON THE EAST LINE OF LOT
123, SAID ORIGINAL PLAT; THENCE N30°18'37"W ALONG THE WEST

SITE DIAGRAM

MILLER ENGINEERS SCIENTISTS
5308 South Twelfth Street
Sheboygan, Wisconsin 53081
414-458-6164

TABLE 1
Pre-Remediation Soil Analytic Test Results

Verifine Warehouse Property
Sheboygan, Wisconsin
Project #14641E

Date Sampled	03/10/99	03/10/99	03/10/99	03/10/99	03/10/99		
Depth (ft.)	7	5	8	9	11		
PAH Analyte (mg/kg)	GP1-4	GP2-3	GP3-4	GP4-5	GP4-6	Groundwater Protection (mg/kg)[1]	Ingestion (mg/kg)[1]
Ancenaphthene	<0.021	--	<0.110	0.078	--	120	4700
Anthracene	<0.036	--	0.480	0.079	--	12000	23000
Benzo(a)anthracene	<0.023	--	<0.120	0.074	--	27	0.88
Benzo(b)fluoranthene	<0.046	--	<0.230	0.051	--	190	0.88
Chrysene	<0.042	--	0.310	0.100	--	3.7	88
Dibenzo(a,h)anthracene	<0.018	--	<0.090	0.020	--	70	0.088
Fluoranthene	<0.038	--	<0.190	0.340	--	8600	3100
Fluorene	<0.047	--	<0.240	0.100	--	210	3100
Indeno(1,2,3-cd)pyrene	<0.018	--	<0.090	0.024	--	490	0.88
1-Methyl naphthalene	<0.031	--	<0.160	0.038	--	0.61	--
2-Methyl naphthalene	0.023	--	<0.110	0.042	--	0.59	3100
Naphthalene	0.042	--	<0.150	0.100	--	0.44	3100
Phenanthrene	<0.035	--	0.350	0.370	--	7.6	--
Pyrene	<0.045	--	0.540	0.270	--	11000	--
VOC Analyte (µg/kg)						NR720 Residual Soil Standards	
Benzene	<25	<25	<25	--	3100	5.5	
Ethylbenzene	<25	<25	1400	--	34000	2900	
sec-Butylbenzene	<25	<25	1900	--	<250	--	
n-Butylbenzene	<25	<25	3300	--	350	--	
Isopropylbenzene	<25	<25	<25	--	1300	--	
p-Isopropyltoluene	46	<25	1800	--	<250	--	
Naphthalene	<25	<25	820	--	24000	--	
n-Propylbenzene	<25	<25	2400	--	1000	--	
Toluene	<25	<25	<25	--	<250	1500	
1,2,4-Trimethylbenzene	<25	<25	1400	--	18000	--	
1,3,5-Trimethylbenzene	<25	<25	1600	--	7500	--	
Total Xylenes	<75	<75	1590	--	100000	4100	

PAH = Polynuclear Aromatic Hydrocarbons
VOC = Volatile Organic Compounds (EPA Method 8021)
< = Not detected above method Limit of Detection (LOD)
-- = Not tested
[1] = EPA Region III Risk-Based Concentrations, Oct. 22, 1997

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TABLE 1: Pre-Remediation Soil Analytic Test Results (Continued)

Date Sampled	05/17/99	05/17/99	05/17/99	05/17/99	05/17/99	05/17/99	05/17/99	05/26/99	05/26/99	05/26/99		
Depth (ft.)	2	3.5	3	2.5	3	7	2	1	1	1		
PAH Analyte (mg/kg)	MW2-1	MW3-1	GP5-2	GP6-1	GP7-1	GP7-2B	GP8-1	SB1	SB2	SB3	Groundwater Protection (mg/kg)[1]	Ingestion (mg/kg)[1]
Acenaphthene	0.060J	<0.021	<0.021	<0.021	0.026J	<0.021	<0.021	<0.021	<0.021	<0.021	120	4700
Acenaphthylene	0.055J	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	1.5	---
Anthracene	0.280	<0.036	<0.036	<0.036	0.120J	0.053J	0.054J	0.053J	0.042J	<0.036	12000	23000
Benzo(a)anthracene	2.100	<0.023	<0.023	0.026J	0.230	0.100	0.180	0.100	0.065J	<0.023	27	0.88
Benzo(a)pyrene	1.400	<0.034	<0.034	0.059J	0.230	0.073J	0.150	0.083J	0.071J	<0.034	750	0.088
Benzo(b)fluoranthene	1.700	<0.046	<0.046	0.056J	0.230	0.083J	0.220	0.120J	0.094J	<0.046	190	0.88
Benzo(g,h,i)perylene	0.570	<0.029	<0.029	0.041J	0.170	0.040J	0.100	0.086J	0.083J	<0.029	6900	---
Benzo(k)fluoranthene	0.910	<0.048	<0.048	<0.048	0.200	0.089J	0.091J	0.084J	0.062J	<0.048	480	8.8
Chrysene	1.600	<0.042	<0.042	<0.042	0.220	0.120J	0.170	0.120J	0.110J	<0.042	3.7	88
Dibenzo(a,h)anthracene	0.290	<0.018	<0.018	<0.018	0.070	<0.018	0.032J	0.078	0.069	<0.018	70	0.088
Fluoranthene	2.600	<0.038	<0.038	0.048J	0.460	0.200	0.270	0.017	0.140	<0.038	8600	3100
Fluorene	0.053J	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	210	3100
Indeno(1,2,3-cd)pyrene	0.620	<0.018	<0.018	0.034J	0.130	0.038J	0.089	0.052J	0.065	0.020J	490	0.88
1-Methyl naphthalene	0.120	<0.031	<0.031	<0.031	<0.031	0.031J	0.150	0.260	0.260	<0.031	0.61	---
2-Methyl naphthalene	0.100	<0.021	<0.021	<0.021	<0.021	0.037J	0.140	0.230	0.220	<0.021	0.59	3100
Naphthalene	0.100J	<0.030	<0.030	<0.030	<0.030	<0.030	0.073J	0.210	0.200	0.038J	0.44	3100
Phenanthrene	1.500	<0.035	<0.035	0.042J	0.350	0.170	0.320	0.280	0.210	<0.035	7.6	---
Pyrene	3.100	<0.045	<0.045	0.054J	0.450	0.220	0.310	0.180	0.150J	<0.045	11000	---
GRO (mg/kg)								<10	<10	<10	--	
Lead (mg/kg)	71	<6	11J	**100**	25	---	**240**	27	19J	8.5J	50/400[2]	

[1] EPA Region III Risk-Based Concentrations, Oct. 22, 1997

[2] EPA Solid Waste Directive "Clean-up of Residential Soil Lead"

MILLER ENGINEERS SCIENTISTS

TABLE 1: Pre-Remediation Soil Analytic Test Results (Continued)

Date Sampled	05/17/99	05/17/99	05/17/99	05/17/99	05/17/99	05/17/99	05/17/99	05/26/99	05/26/99	05/26/99		
Depth (ft.)	2	3.5	3	2.5	3	7	2	1	1	1		
PVOC Analyte (µg/kg)	MW2-1	MW3-1	GP5-2	GP6-1	GP7-1	GP7-2B	GP8-1	SB1	SB2	SB3	S7	NR 720 Residual Soil Standards
Benzene	**1100**	<25	<25	<25	<25	<25	**310**	<25	<25	<25	**1200**	5.5
Ethylbenzene	200	<25	<25	<25	<25	<25	<25	<25	<25	<25	520	2900
MTBE	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	--
Toluene	**2100**	<25	<25	<25	<25	<25	100	28	38	<25	**2900**	1500
1,2,4-Trimethylbenzene	570	<25	<25	<25	<25	<25	<25	<25	32	<25	4300	--
1,3,5-Trimethylbenzene	620	<25	<25	<25	<25	<25	<25	<25	<25	<25	3400	--
Xylene's	3900	<50	<50	<50	<50	<50	84	70	75	<50	**10000**	4100
GRO (mg/kg)	--	—	—	—	—	—	—	—	—	—	37	100

PAH = Polynuclear Aromatic Hydrocarbons
GRO = Gasoline Range Organics
PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)
Bold = Exceed NR 720 Residual Soil Standards (February 1997)
-- = No standards exist
— = Not tested
< = Not detected above method Limit of Detection (LOD)
J = Detected above LOD but below method Limit of Quantification (LOQ)

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TABLE 2
Post-Remediation Soil Analytic Test Results

Verifine Warehouse Property
Sheboygan, Wisconsin
Project #14641E

Sample Location	S3***	S4***	S5***	S6***	S8**	NR720 Residual Soil Standards
Sample Depth (ft.)	4	3.5	3	4.5	7	
Field Headspace (FID, ppmv)	110	130	135	155	100	
Analyte (mg/kg)						
GRO	<10	<10	<10	<10	<10	--
Cadmium	<1.2	--	--	--		--
Lead	9.3	--	--	--		--
PVOC Analyte (µg/kg)						--
Benzene	**29**	**42**	<25	**67**	**140**	5.5
Ethylbenzene	31	<25	<25	<25	45	2900
MTBE	<25	<25	<25	<25	<25	--
Toluene	78	150	<25	190	320	1500
1,2,4-Trimethylbenzene	310	69	<25	40	300	--
1,3,5-Trimethylbenzene	220	66	<25	45	300	--
Total Xylenes	450	400	<50	190	820	4100

** Excavation Bottom Limit Sample
*** Excavation Sidewall Limit Sample
GRO = Gasoline Range Organics
PVOC = Petroleum Volatile Organic Compounds (EPA Method SW 8020)
Bold = Exceed NR 720 Residual Soil Standards (February 1997)
< = Not detected above method Limit of Detection (LOD)
-- = Not tested

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TABLE 3
Ground Water Analytic Test Results (May 1999)

Verifine Warehouse Property
Sheboygan, Wisconsin
Project #14641E

PVOC Analyte (µg/L)	GP5	GP6	GP7	GP8	MW1	MW2	MW3	NR 140 Enforcement Standards	NR 140 Preventive Action Limits
Benzene	<0.32	<0.32	<0.32	0.83J	—	—	—	5	0.5
Ethylbenzene	<0.34	<0.34	<0.34	<0.34	—	—	—	700	140
MTBE	<0.31	<0.31	<0.31	<0.31	—	—	—	60	12
Toluene	<0.35	0.37J	0.6J	0.83J	—	—	—	343	68.6
Total Trimethylbenzenes	<0.64	<0.64	<0.64	<0.64	—	—	—	480	96
Total Xylenes	<1	<1	1.1J	<1	—	—	—	620	124
PAH Analyte (µg/L)									
Acenaphthene	—	—	—	—	<0.042	<0.14>	<0.042	--	--
Acenaphthylene	—	—	—	—	<1.8	<1.8	<1.8	--	--
Anthracene	—	—	—	—	<0.037	0.14	<0.037	3000	600
Benzo(a)anthracene	—	—	—	—	<0.047	<0.047	<0.047	--	--
Benzo(a)pyrene	—	—	—	—	<0.07	<0.07	<0.07	--	--
Benzo(b)fluoranthene	—	—	—	—	<0.1	<0.1	<0.1	0.2	0.02
Benzo(g,h,i)perylene	—	—	—	—	<0.22	<0.22	<0.22	--	--
Benzo(k)fluorenthene	—	—	—	—	<0.043	<0.043	<0.043	--	--
Chrysene	—	—	—	—	<0.14	<0.14	<0.14	0.2	0.02
Dibenzo(a,h)anthracene	—	—	—	—	<0.2	<0.2	<0.2	--	--
Fluoranthene	—	—	—	—	<0.25	0.46J	<0.25	400	80
Fluorene	—	—	—	—	<0.14	<0.14	<0.14	400	80
Indeno(1,2,3-cd)pyrene	—	—	—	—	<0.17	<0.17	<0.17	--	--
1-Methyl naphthalene	—	—	—	—	<0.52	0.81J	<0.52	--	--
2-Methyl naphthalene	—	—	—	—	<0.66	<0.66	<0.66	--	--
Naphthalene	—	—	—	—	<0.59	**8.5**	<0.59	40	8
Phenanthrene	—	—	—	—	<0.14>	0.23	<0.058	--	--
Pyrene	—	—	—	—	<0.074	<0.074	<0.074	250	50

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TABLE 3: Ground Water Analytic Test Results (May 1999) (Continued)

VOC Analyte (µg/L)	GP2A	MW1	MW2	MW3	Field	Dup	NR 140 Enforcement Standards	NR 140 Preventive Action Limits
Benzene	<0.32	<0.32	**28**	<0.32	<0.32	**30**	5	0.5
Bromabenzene	<0.32	<0.32	<3.2	<0.32	<0.32	<3.2	--	--
Bromachloromethane	<0.38	<0.38	<3.8	<0.38	<0.38	<3.8	--	--
tert-Butylbenzene	<0.33	<0.33	<3.3	<0.33	<0.33	<3.3	--	--
sec-Butylbenzene	<0.34	<0.34	<3.4	<0.34	<0.34	<3.4	--	--
n-Butylbenzene	<0.23	<0.23	<2.3	<0.23	<0.23	<2.3	--	--
Carbon Tetrachloride	<0.47	<0.47	<4.7	<0.47	<0.47	<4.7	5	0.5
Chlorobenzene	<0.31	<0.31	<3.1	<0.31	1.4	<3.1	--	--
Chloroethane	<0.13	<0.13	<1.3	<0.13	<0.13	<1.3	400	80
Chloroform	<0.4	<0.4	<4	<0.4		<4	6	0.6
Chloromethane	<0.18	<0.18	<1.8	<0.18	<0.18	<1.8	3	0.3
2-Chlorotoluene	<0.31	<0.31	<3.1	<0.31	<0.31	<3.1	--	--
4-Chlorotoluene	<0.31	<0.31	<3.1	<0.31	<0.31	<3.1	--	--
1,2-Dibromo-3-chloropropane	<0.22	<0.22	<2.2	<0.22	<0.22	<2.2	0.2	0.02
Dibromochloromethane	<0.37	<0.37	<3.7	<0.37	<0.37	<3.7	60	6
1,4-Dichlorobenzene	<0.28	<0.28	<2.8	<0.28	<0.28	<2.8	75	15
1,2-Dichlorobenzene	<0.29	<0.29	<2.9	<0.29	<0.29	<2.9	600	60
Dichlorodifluoromethane	<0.28	<0.28	<2.8	<0.28	<0.28	<2.8	1000	200
1,2-Dichloroethane	<0.36	<0.36	<3.6	<0.36	<0.36	<3.6	5	0.5
1,1-Dichloroethane	<0.34	<0.34	<3.4	<0.34	<0.34	<3.4	850	85
1,1-Dichloroethene	<0.39	<0.39	<3.9	<0.39	<0.39	<3.9	--	--
cis-1,2-Dichloroethene	<0.32	<0.32	<3.2	<0.32	<0.32	<3.2	--	--
trans-1,2-Dichloroethene	<0.38	<0.38	<3.8	<0.38	<0.38	<3.8	--	--
1,2-Dichloropropane	<0.38	<0.38	<3.8	<0.38	<0.38	<3.8	5	0.5
2,2-Dichloropropane	<0.56	<0.56	<5.6	<0.56	<0.56	<5.6	--	--
1,3-Dichloropropane	<0.28	<0.28	<2.8	<0.28	<0.28	<2.8	--	--
Di-isopropyl ether	<0.32	<0.32	<3.2	<0.32	<0.32	<3.2	--	--
EDB (1,2-Dibromoethane)	<0.35	<0.35	<3.5	<0.35	<0.35	<0.35	0.05	0.005
Ethylbenzene	<0.34	<0.34	140	<0.34	<0.34	120	700	140
Hexachlorobutadiene	<0.27	<0.27	<2.7	<0.27	<0.27	<2.7	--	--
Isopropylbenzene	<0.34	<0.34	23	<0.34	<0.34	23	--	--
p-Isopropyltoluene	0.39J	<0.31	<3.1	<0.31	<0.31	<3.1	--	--

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TABLE 3: Ground Water Analytic Test Results (May 1999) (Continued)

VOC Analyte (µg/L)	GP2A	MW1	MW2	MW3	Field	Dup	NR 140 Enforcement Standards	NR 140 Preventive Action Limits
Methylene chloride	<0.29	<0.29	<2.9	<0.29	<0.29	<2.9	5	0.5
MTBE	<0.31	<0.31	<3.1	<0.31	<0.31	<3.1	60	12
Naphthalene	<0.88	<0.88	<8.8	<0.88	<0.88	<8.8	40	8
n-Propylbenzene	<0.30	<0.3	5.2J	<0.3	<0.3	5.1J	--	--
1,1,2,2-Tetrachloroethane	<0.35	<0.35	<3.5	<0.35	<0.35	<3.5	70	7
1,3-DCP, Tetrachloroethene	<0.75	<0.75	<7.5	<0.75	<0.75	<7.5	--	--
Tetrachloroethene	<0.35	<0.35	<3.5	<0.35	<0.35	<3.5	--	--
Toluene	<0.35	<0.35	3.5J	<0.35	<0.35	<3.5	343	68.6
1,2,4-Trichlorobenzene	<0.41	<0.41	<4.1	<0.41	<0.41	<4.1	70	14
1,2,3-Trichlorobenzene	<0.45	<0.45	<4.5	<0.45	<0.45	<4.5	--	--
1,1,1-Trichloroethane	<0.45	<0.45	<4.5	<0.45	<0.45	<4.5	200	40
1,1,2-Trichloroethane	<0.37	<0.37	<3.7	<0.37	<0.37	<3.7	5	0.5
Trichloroethene	<0.48	<0.48	<4.8	<0.48	<0.48	<4.8	--	--
Trichlorofluoromethane	<0.15	<0.15	<1.5	<0.15	<0.15	<1.5	--	--
Total Trimethylbenzenes	<0.99	<0.64	14	<0.64	<0.64	13	480	96
Vinyl Chloride	<0.15	<0.15	<1.5	<0.15	<0.15	<1.5	0.2	0.002
Total Xylenes	<0.98	<0.66	**162**	<0.66	<0.66	**155**	620	124

Exceeds Preventive Action Limit (December 1998)

< = Not detected above method limit of detection (LOD)

J = Detected above LOD but below method limit of quantitation (LOQ)

--- = Not tested

-- = No standards exist

PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)

PAH = Polynuclear Aromatic Hydrocarbons

VOC = Volatile Organic Compounds (EPA Method 8021)

N:\14641E\GWREV599.WB2

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TABLE 4

Ground Water Analytic Test Results (October 1999)

Verifine Warehouse Property
Sheboygan, Wisconsin
Project #14641E

PVOC Analyte (µg/L)	MW1	MW2	MW3	Field	Dup (MW2)	NR 140 Enforcement Standards	NR 140 Preventive Action Limits
Benzene	<0.32	**20**	<0.32	<0.32	**28**	5	0.5
Ethylbenzene	<0.34	27	<0.34	<0.34	35	700	140
MTBE	<0.31	<0.31	<0.31	<0.31	<0.31	60	12
Toluene	<0.35	<0.35	<0.35	<0.35	<0.35	343	68.6
Total Trimethylbenzenes	<0.99	9.41	<0.99	<0.99	9	480	96
Total Xylenes	<1	16	<1	<1	18	620	124
PAH Analyte (µg/L)							
Acenaphthene	—	<0.042	—	—	—	--	--
Acenaphthylene	—	<1.8	—	—	—	--	--
Anthracene	—	<0.037	—	—	—	3000	600
Benzo(a)anthracene	—	<0.047	—	—	—	--	--
Benzo(a)pyrene	—	<0.07	—	—	—	--	--
Benzo(b)fluoranthene	—	<0.1	—	—	—	0.2	0.02
Benzo(g,h,i)perylene	—	<0.22	—	—	—	--	--
Benzo(k)fluorenthene	—	<0.043	—	—	—	--	--
Chrysene	—	<0.14	—	—	—	0.2	0.02
Dibenzo(a,h)anthracene	—	<0.2	—	—	—	--	--
Fluoranthene	—	<0.25	—	—	—	400	80
Fluorene	—	<0.14	—	—	—	400	80
Indeno(1,2,3-cd)pyrene	—	<0.17	—	—	—	--	--
1-Methyl naphthalene	—	<0.52	—	—	—	--	--
2-Methyl naphthalene	—	<0.66	—	—	—	--	--
Naphthalene	—	<0.59	—	—	—	40	8
Phenanthrene	—	<0.12	—	—	—	--	--
Pyrene	—	<0.074	—	—	—	250	50

Exceeds Preventive Action Limit (December 1998)

< = Not detected above method limit of detection (LOD)

— = Not tested

-- = No standards exist

PVOC = Petroleum Volatile Organic Compounds (EPA Method 8020)

PAH = Polynuclear Aromatic Hydrocarbons

N:\14641E\GWRE1099.WB2

October 17, 2003

Remediation and Redevelopment Program
WDNR
P.O. Box 12436
Milwaukee, WI 53212

RE: Legal Description for the Vacated Water Street Right-of-Way, Sheboygan, Wisconsin.

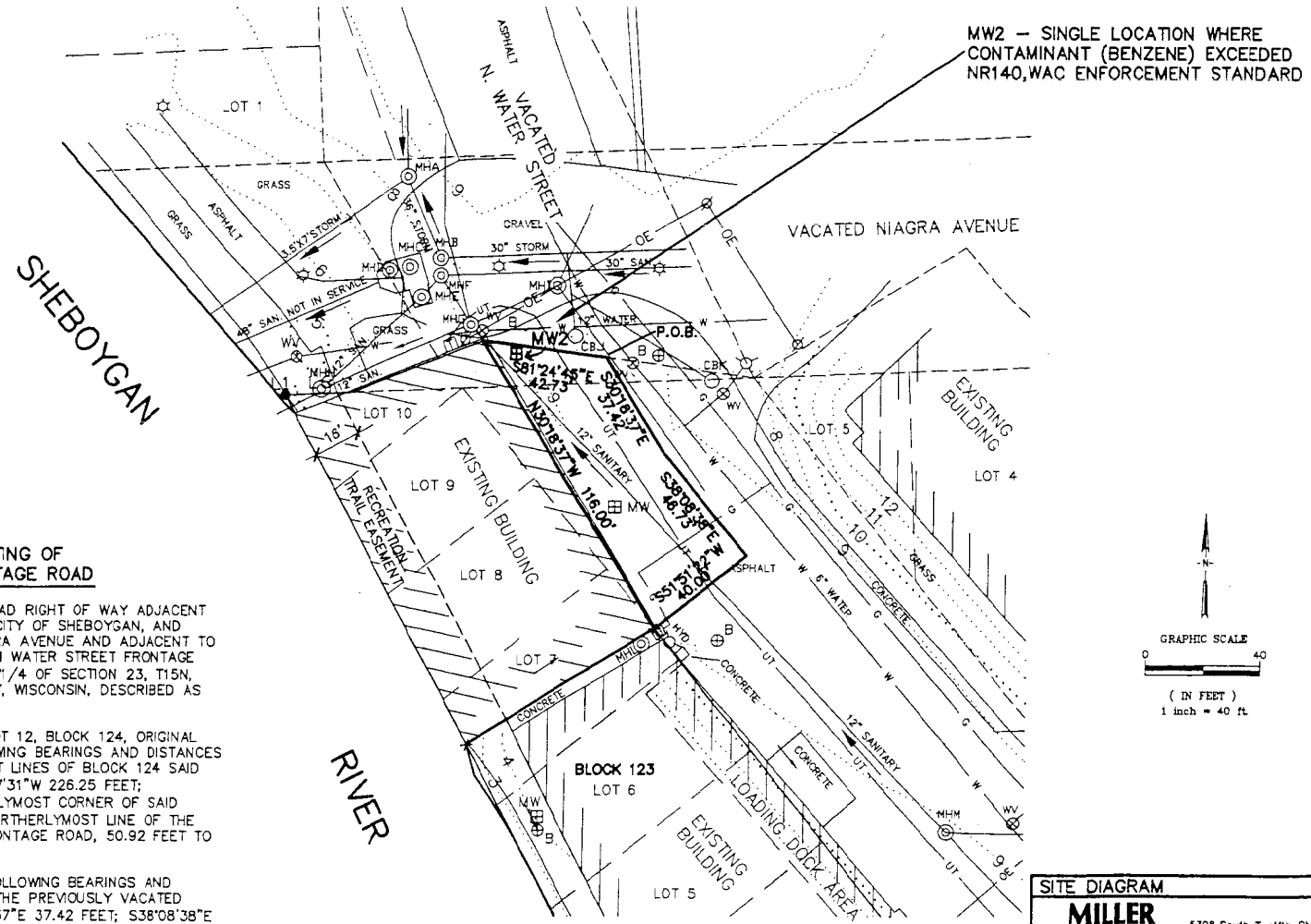
BRRTS # 02-60-183195

Dear Sir or Madam,

In accordance with WDNR GIS Registry requirements, attached please find the legal descriptions and survey map for the above-mentioned property. To the best of my knowledge, a legal description has been attached for each affected parcel. Parcel Identification Numbers are not applicable as they are not assigned to publicly owned right-of-way. In addition, there is no deed for right-of-way.

Signed

10-22-03
Date



DESCRIPTION – THE VACATING OF NORTH WATER STREET FRONTAGE ROAD

BEING THE NORTH WATER STREET FRONTAGE ROAD RIGHT OF WAY ADJACENT TO BLOCK 123 OF THE ORIGINAL PLAT OF THE CITY OF SHEBOYGAN, AND ADJACENT TO THE PREVIOUSLY VACATED NIAGARA AVENUE AND ADJACENT TO A PORTION OF THE PREVIOUSLY VACATED NORTH WATER STREET FRONTAGE ROAD, ALL LOCATED IN PART OF THE NW1/4 SW1/4 OF SECTION 23, T15N, R23E, CITY OF SHEBOYGAN, SHEBOYGAN COUNTY, WISCONSIN, DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF LOT 12, BLOCK 124, ORIGINAL PLAT, CITY OF SHEBOYGAN; THENCE THE FOLLOWING BEARINGS AND DISTANCES ALONG THE SOUTHERLYMOST AND WESTERLYMOST LINES OF BLOCK 124 SAID ORIGINAL PLAT; S88°23'08"W 29.89 FEET; N43°57'31"W 226.25 FEET; N38°08'38"W 186.85 FEET TO THE NORTHWESTERLYMOST CORNER OF SAID BLOCK 124; THENCE N81°24'45"W ALONG THE NORTHERLYMOST LINE OF THE PREVIOUSLY VACATED NORTH WATER STREET FRONTAGE ROAD, 50.92 FEET TO THE POINT OF BEGINNING;

THENCE FROM SAID POINT OF BEGINNING, THE FOLLOWING BEARINGS AND DISTANCES ALONG THE WESTERLYMOST LINE OF THE PREVIOUSLY VACATED NORTH WATER STREET FRONTAGE ROAD; S30°18'37"E 37.42 FEET; S38°08'38"E 46.73 FEET; S51°51'22"W 40.00 FEET TO A POINT ON THE EAST LINE OF LOT 7, BLOCK 123, SAID ORIGINAL PLAT; THENCE N30°18'37"W ALONG THE WEST LINE OF THE NORTH WATER STREET FRONTAGE ROAD, 116.00 FEET TO A POINT ON THE SOUTH LINE OF VACATED NORTH WATER STREET; THENCE S81°24'45"E ALONG SAID SOUTH LINE, 42.73 FEET TO THE POINT OF BEGINNING AND CONTAINING 3,486 S.F. (0.080 AC.) OF LAND.

NO.	DATE	DESCRIPTION	BY

SITE DIAGRAM

MILLER ENGINEERS SCIENTISTS
5308 South Twelfth Street
Sheboygan, Wisconsin 53081
414-458-6164

CITY OF SHEBOYGAN
VACATED N. WATER ST. FRONTAGE ROAD

SHEBOYGAN, WISCONSIN

SCALE	DATE	BY	SHEET
HOR. 1"=40'	10-20-03	SAB	
VER.	JOB 03-16242-A	CK JK	OF

K:\PATH

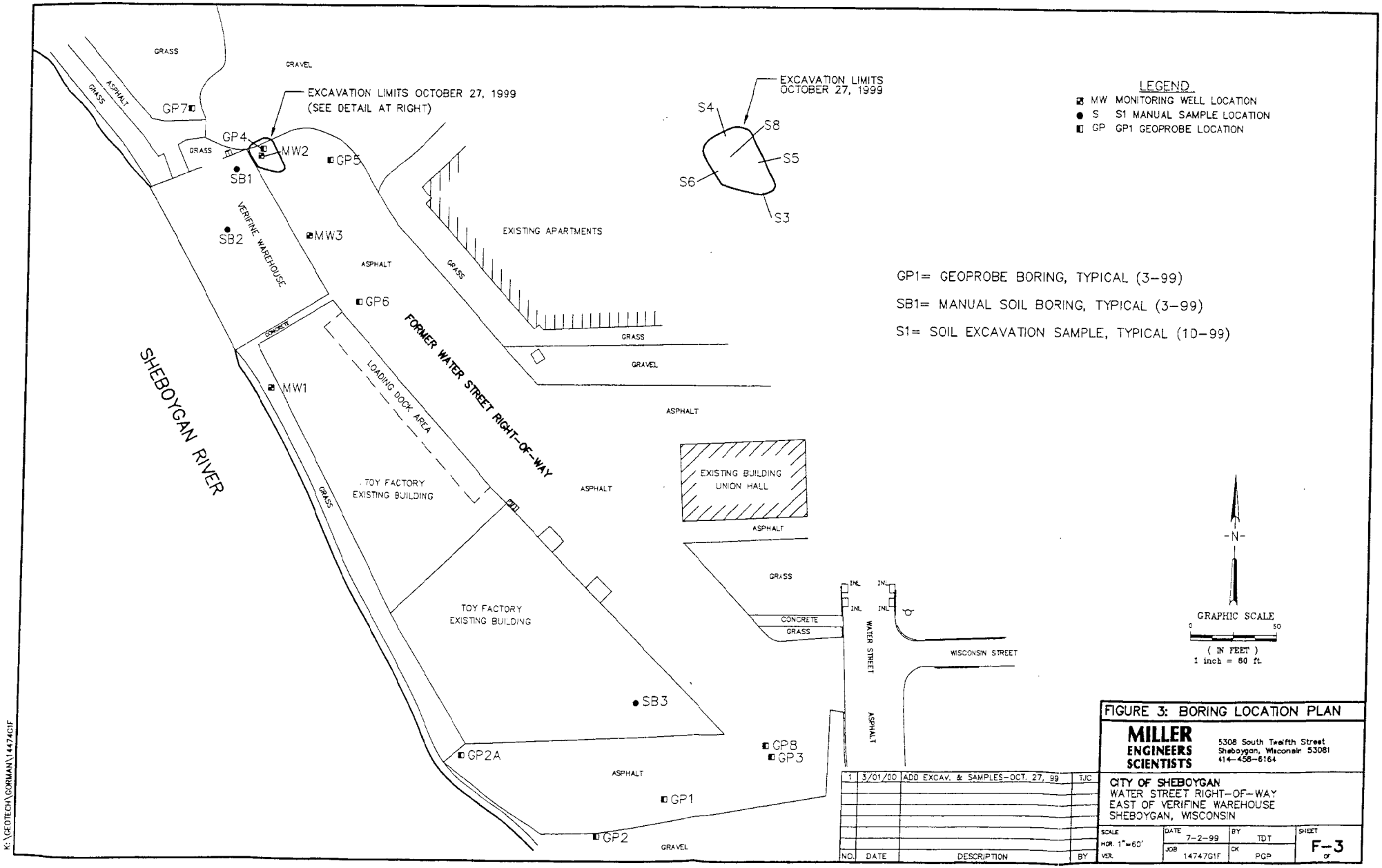


FIGURE 3: BORING LOCATION PLAN

MILLER ENGINEERS SCIENTISTS
5308 South Twelfth Street
Sheboygan, Wisconsin 53081
414-458-6164

CITY OF SHEBOYGAN
WATER STREET RIGHT-OF-WAY
EAST OF VERIFINE WAREHOUSE
SHEBOYGAN, WISCONSIN

NO.	DATE	DESCRIPTION	BY
1	3/01/00	ADD EXCAV. & SAMPLES-OCT. 27, 99	TJC

SCALE	DATE	BY	SHEET
HOR. 1"=60'	7-2-99	TDT	F-3
VER.	JOB 14747G1F	CK PGP	OF

K:\GEOTECH\GORMAN\14747G1F