State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
William R. Selbig, Regional Director

Oshkosh Service Center
905 Bay Shore Drive., P.O. Box 2565
Oshkosh, Wisconsin 54903
TELEPHONE 920-424-3050
FAX 920-424-4404

May 11, 1999

BRRTS #: 03-71-001913

Mark Frank
Winnebago County
PO Box 2764
Oshkosh, WI 54903-2764

SUBJECT: Conditional Closure for Winnebago County Human Services Site #2, 211 N. Commercial St., Neenah

Dear Mr. Frank:

On April 12, 1999, the above-named site was reviewed by the Northeastern Regional Close Out Committee members to determine whether or not the case qualified for close out under ch. NR 726, Wisconsin Administrative Code.

Based on the investigative documentation provided to the Department, it appears that the petroleum contamination at the above-named site is in compliance with the requirements of chs. NR 700 to NR 724, Wis. Admin. Code. Therefore, the Department considers this case closed on the conditions that the three monitoring wells (MW-4, MW-5, MW-6) and recovery well (RW-1) at the site be properly abandoned according to ch. NR 141, Wis. Admin. Code, and a groundwater use restriction be filed with the Winnebago County Register of Deeds Office in Oshkosh, Wisconsin for the remaining benzene contamination at MW-4.

There are several steps necessary to complete the filing of a groundwater use restriction:

1. Obtain an official copy of the deed for the above-named site from the Winnebago County Register of Deeds Office.
2. Submit an official copy of the deed to the Department. Once the current deed is received by the Department, a groundwater use restriction will be drafted and routed to our Program Attorney for review and approval.
3. Upon approval, the final groundwater use restriction will be sent to you to be reviewed. File the restriction with the Winnebago County Register of Deeds Office. There will be a fee to file the restriction.
4. The Register of Deeds Office will return the original groundwater use restriction to you once the restriction is filed. This may take two to six weeks, dependent upon the office's workload.
5. Send a copy of the stamped groundwater use restriction to the Department to confirm that the restriction has been filed.

Once the Department receives confirmation that the restriction has been filed along with the four well abandonment forms, the Department will track this site as closed.

No further remedial action is necessary at the site at this time. However, the case may be reopened pursuant to s. NR 726.09, Wis. Admin. 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 cooperation in restoring the environment and working to finalize the necessary paperwork. If you have any questions regarding this letter, please feel free to call me at the number below.

Sincerely,

Jennifer Tobias
Hydrogeologist
Bureau for Remediation & Redevelopment
(920) 424-7887

cc: David Haas, Graef, Anhalt, Schloemer & Assoc., Inc., 1150 Springhurst Drive, Green Bay, WI 54304-5950

Neenah
WISCONSIN
Public Works Department
211 Walnut St., P.O. Box 426, Neenah, WI 54957-0426
Phone: 920-751-4625 Fax: 920-751-4933

R + R - OSH
RECEIVED
NOV 16 1999
TRACKED ☑
REVIEWED ☑

November 15, 1999

Jennifer Tobias, Hydrogeologist
Bureau for Remediation & Redevelopment
DNR - Oshkosh Service Center
625 East County Road Y, STE 700
Oshkosh, WI 54901-9731

SUBJECT: WDNR LUST Case # 03-71-001913, 211 N. Commercial St., Neenah

Dear Ms. Tobias:

As per your Department's November 3 request, the City of Neenah has noted on its official utility maps that are used for diggers hotline locations, etc., that excavations in the street right-of-way at the corner of North Commercial Street and East North Water Street near the above mentioned property may encounter potentially contaminated ground water. Should contaminated ground water be encountered in any excavation in this area it shall be handled appropriately. Enclosed are copies of revised City maps and records indicating this condition.

Please do not hesitate to contact me if you have any questions or comments.

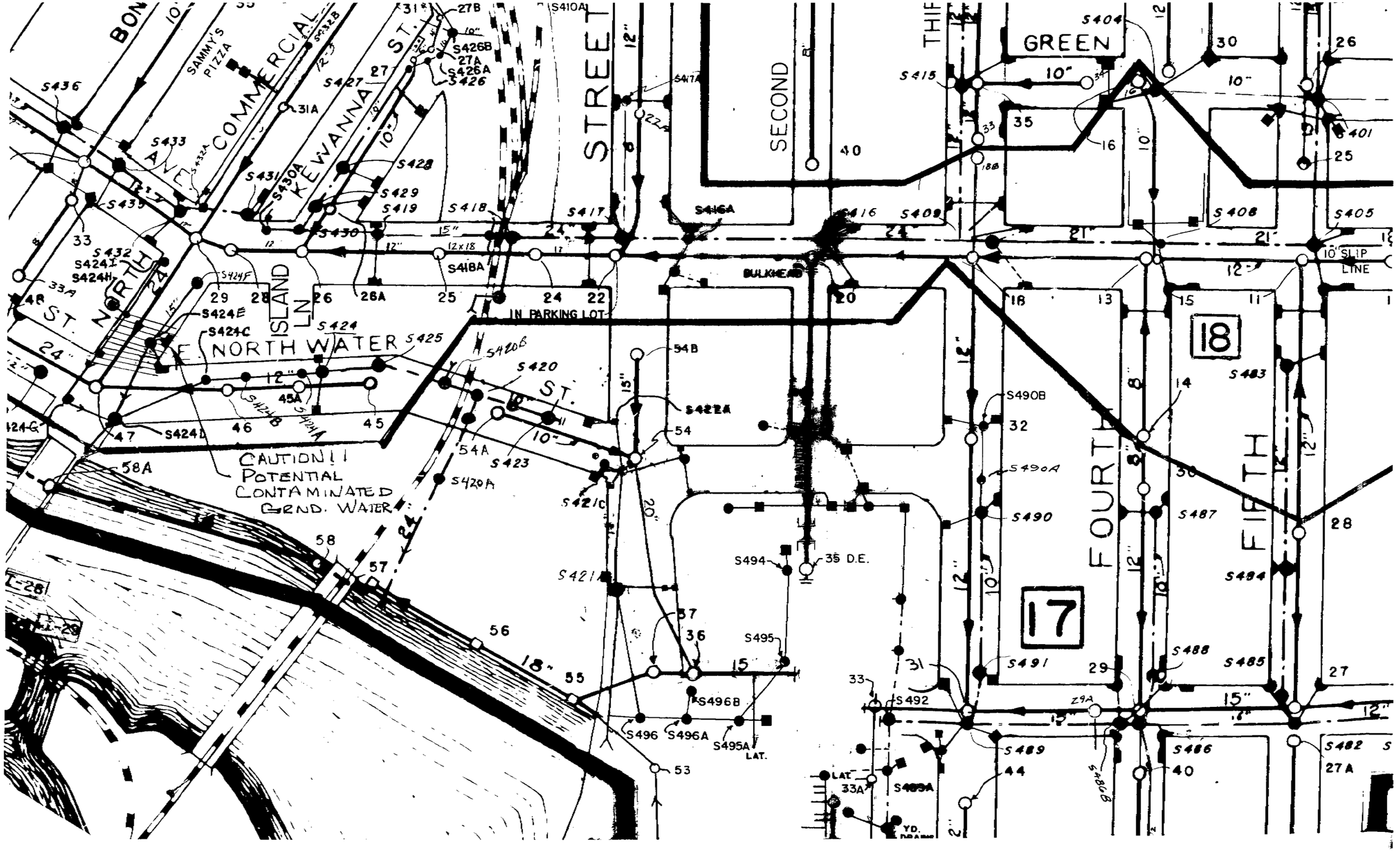
Sincerely,

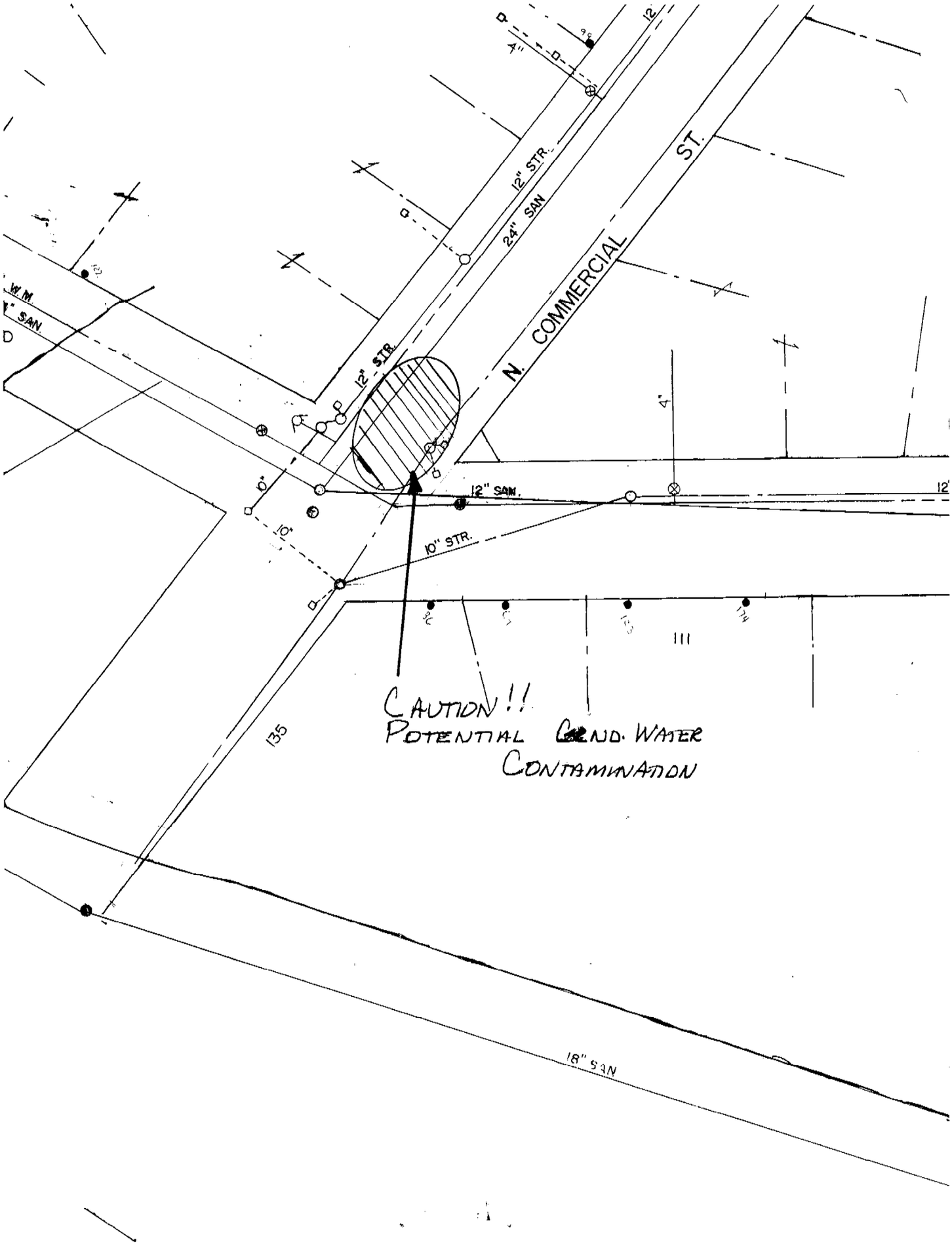
Tim Hamblin
Director of Public Works

TH:dt

cc: City Attorney Gunz

Enclosures


BON
SAMMY'S PIZZA
COMMERCIAL
AVE
KEWANNA ST.
STREET
SECOND
THIRD
GREEN
NORTH ST.
ISLAND
NORTH WATER ST.
FOURTH
FIFTH
BULKHEAD
IN PARKING LOT
10' SLIP LINE
CAUTION!! POTENTIAL CONTAMINATED GRND. WATER
35 D.E.
YD. DRAINS
LAT.
18
17


12" STR.
24" SAN
N. COMMERCIAL ST.
12" STR.
12" SAN.
10" STR.
10"
4"
12"
111
135
18" SAN
CAUTION!!
POTENTIAL GRND. WATER
CONTAMINATION

No. A-69

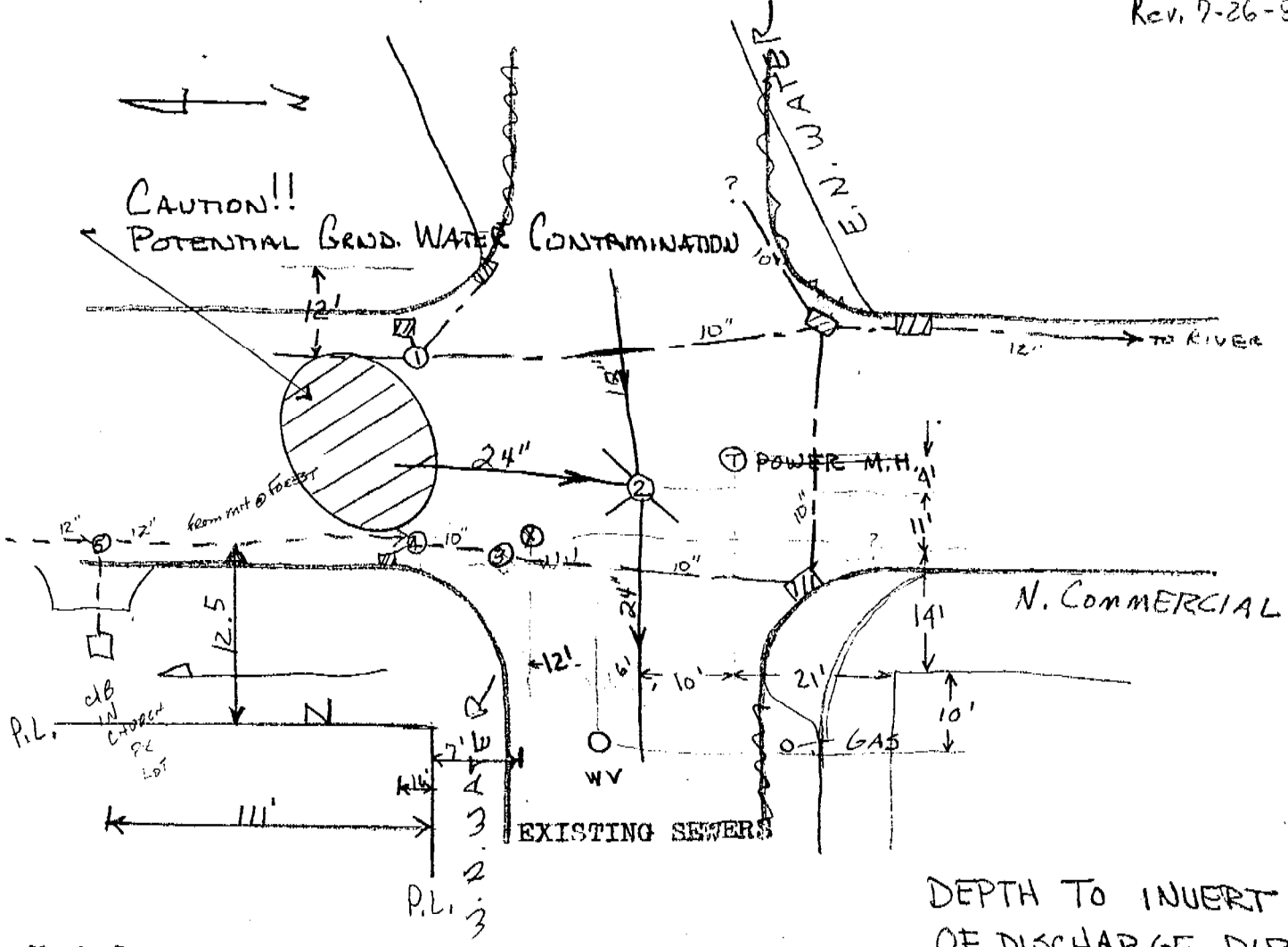
CITY OF NEENAH, WISCONSIN

MANHOLE AND CATCH BASIN SURVEY

Date 6/13/62

MANHOLE LOCATION N. COMMERCIAL & N. WATER ST.

Rev. 7-26-88



Manhole Number	Size	Direction	Remarks
1	ST18-0424D		5.42'
2	SA18-047		9.86'
3	ST18-0424C		5.30'
4			5.10'
5	ST18-0424F		4.90'

DOCUMENT NO.

WARRANTY DEED
STATE OF WISCONSIN - FORM 2

THIS SPACE RESERVED FOR RECORDING DATA

Register's Office
Winnebago County, Wis.
Received for record
this 18th Day of
October
A.D., 19 79 at
1:36 o'clock P M
Alan D. Bayne
REGISTER OF DEEDS

541846

RETURN TO
Gerald L. Engeldinger

This Indenture, Made this 1st day of October A. D. 19 79, between T. & J. Corporation, a Wisconsin corporation, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Winnebago County, a municipal corporation, party of the first part, and

party Y of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of $1.00 and other good and valuable consideration, receipt whereof is hereby confessed and acknowledged by said party Y of the second part, the receipt whereof is hereby confessed and acknowledged, has bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, remise, alien, convey, and confirm unto the said party Y of the second part, its heirs and assigns forever, the following described real estate, situated in Winnebago, State of Wisconsin, to-wit:

An undivided 1/2 interest in:
Lots Eight (8), Nine (9) and Ten (10) of Block Nine (9) in ASSESSOR'S PLAT OF SMITH & Jones' Plat of the Island, in the Third Ward, City of Neenah.

SECONDARY A part of Fractional Lot Six (6) of Section Twenty-two (22) Township Twenty (20) North, of Range Seventeen (17) East.

This conveyance is exempt from real estate transfer fee pursuant to sec. 77.25(2), Stats.

This is non homestead property.

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

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

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

And the said T. & J. Corporation party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party Y of the second part, its heirs and assigns, that at the time of the ensealing and delivery of these presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, free and clear from all incumbrances whatever, except easements and restrictions of record.

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

In Witness Whereof, the said T. & J. Corporation party of the first part has caused these presents to be signed by JOHN D. SCHMEREIN its President and countersigned by MARGARET G. SCHMEREIN its Secretary, at NEENAH, Wisconsin, and its corporate seal to be hereunto affixed, this 1st day of October A. D., 19 79.

SIGNED AND SEALED IN PRESENCE OF

T. & J. Corporation
Corporate Name
John D. Schmerein
John D. Schmerein
President
Margaret G. Schmerein
COUNTERSIGNED:
Margaret G. Schmerein
Secretary

STATE OF WISCONSIN
Winnebago County. } ss.

Personally came before me, this 10th day of October A. D., 19 79, JOHN D. SCHMEREIN President, and MARGARET G. SCHMEREIN Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

STEPHEN A. WINTER
Notary Public, Winnebago County, Wis.
My commission (expires) August 10, 1980

THIS INSTRUMENT WAS DRAFTED BY
Thomas J. Janssen

NOTARY SEAL

(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 59.513 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.)

DOCUMENT NO.

WARRANTY DEED
STATE OF WISCONSIN—FORM 4

THIS SPACE RESERVED FOR RECORDING DATA

Register's Office
Winnebago County, Wis.
Received for record
this 18th Day of
October
A.D. 19 79 at
1:34 o'clock PM
Helen M. Payne
REGISTER OF DEEDS

541845

RETURN TO
Gerald L. Engeldinger

THIS INDENTURE, Made this 9th day of October, A. D., 1979, between Stephen A. Winter and Mark J. Winter, part ies of the first part, and Winnebago County, Municipal, a Corporation duly organized and existing underand by virtue of the laws of the State of Wisconsin, located at Oshkosh, Wisconsin, party of the second part.

Witnesseth, That the said part ies of the first part, for and in consideration of the sum of $1.00 and other good and valuable consideration, 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 Winnebago and State of Wisconsin, to-wit:

An undivided 1/2 interest in:
Lots Eight (8), Nine (9) and Ten (10) of Block Nine (9) in ASSESSOR'S PLAT OF BLOCK 9, Jones' Plat of the Island, in the Third Ward, City of Neenah.

ORIGINALLY a part of Fractional Lot Six (6) of Section Twenty-two (22) Township Twenty (20) North, of Range Seventeen (17) East.

This conveyance is exempt from real estate transfer fee pursuant to sec. 77.25(2), Stats.

This is non-homestead property.

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

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 ies 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 Stephen A. Winter and Mark J. Winter for 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 were 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 except easements and restrictions of record.

and that the above bargained premises in the quiet and peaceful 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 have hereunto set their hand s and seal s this 9th day of October, A. D., 1979.

SIGNED AND SEALED IN PRESENCE OF

Stephen A. Winter (SEAL)
Stephen A. Winter

Mark J. Winter (SEAL)
Mark J. Winter

(SEAL)

(SEAL)

State of Wisconsin,
County of Outagamie } ss.

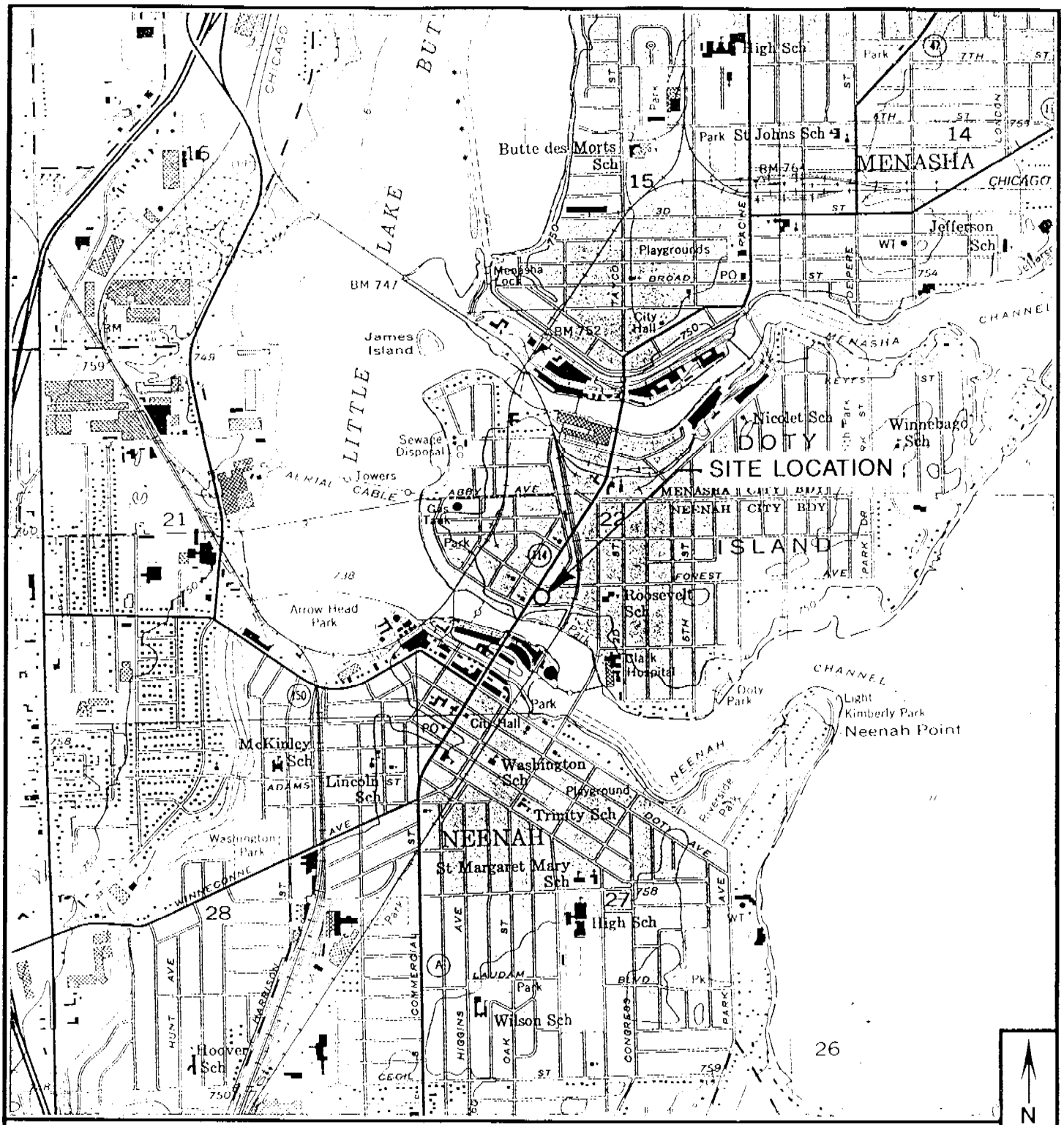
Personally came before me, this 9th day of October, A. D., 1979, the above named Stephen A. Winter and Mark J. Winter to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Russell L. Meerdink
Notary Public, Outagamie County, Wis.
My commission (expires) Nov. 16, 1979

RUSSELL L. MEERDINK NOTARY PUBLIC STATE OF WISCONSIN

THIS INSTRUMENT WAS DRAFTED BY
Thomas J. Janssen

(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 59.513 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.)



SOURCE: USGS, NEENAH QUADRANGLE, 7.5 MINUTE SERIES, 1984

SITE LOCATION MAP

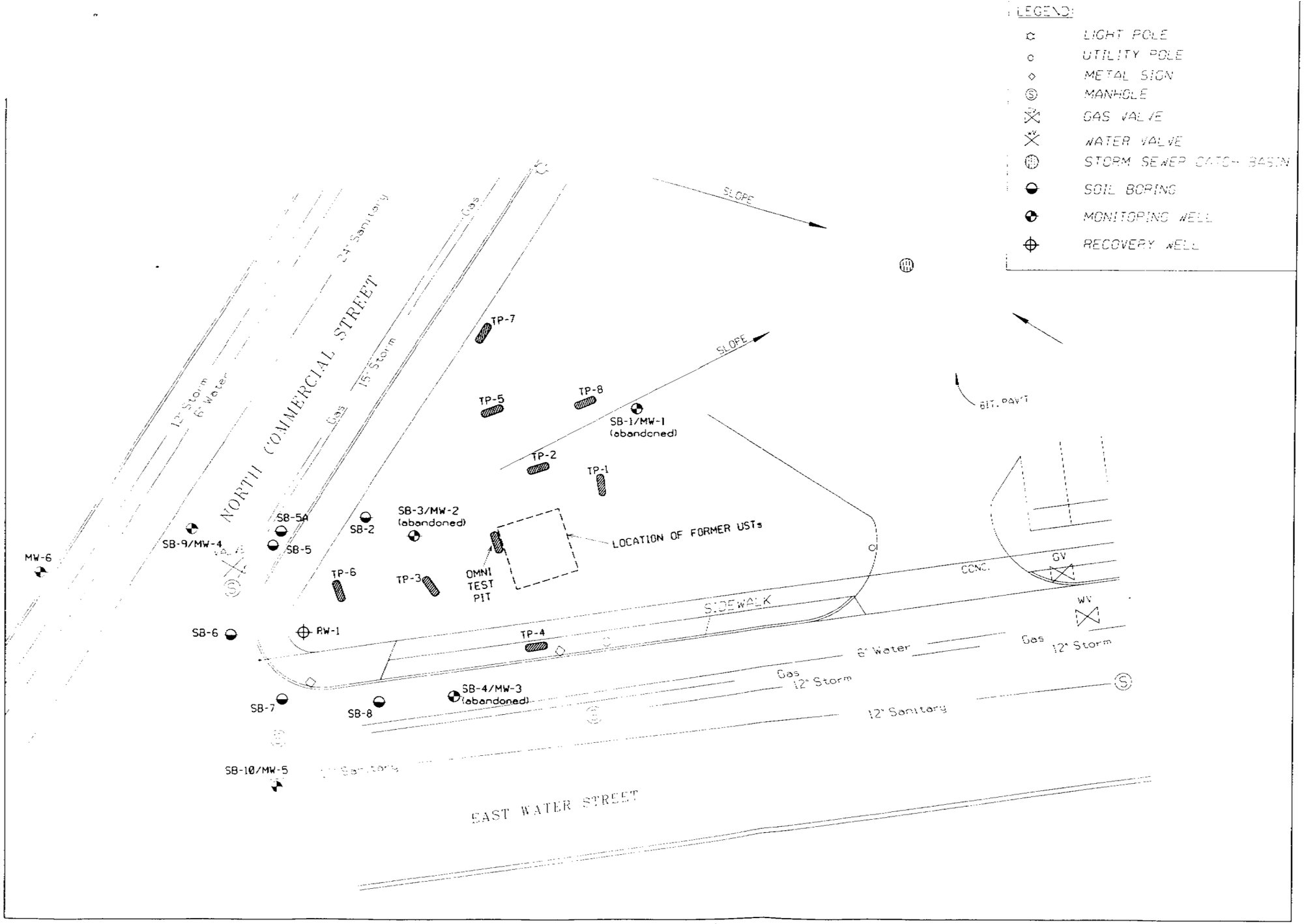
WINNEBAGO COUNTY HUMAN SERVICES
211 NORTH COMMERCIAL STREET
NEENAH, WI

SCALE:	1" = 2000'
DATE:	10-24-95
PROJECT MGR:	BJK
DRAWN BY:	JZ
JOB NUMBER:	948722
REVISION DATE:	

GRAEF ANHALT SCHLOEMER and Associates Inc.
ENGINEERS & SCIENTISTS

QUAD-MAP.CVS

FIGURE 1



GRAEF ANHALT SCHLOEMER
grg associates inc.
ENGINEERS & SCIENTISTS

ENVIRONMENTAL SERVICES DIVISION

OTHER OFFICES LOCATED AT:

GREEN BAY, WISCONSIN
MADISON, WISCONSIN
CHICAGO, ILLINOIS

PROJECT NAME

WINNEBAGO COUNTY
HUMAN SERVICES BUILDING
211 NORTH COMMERCIAL ST.
NEENAH, WISCONSIN

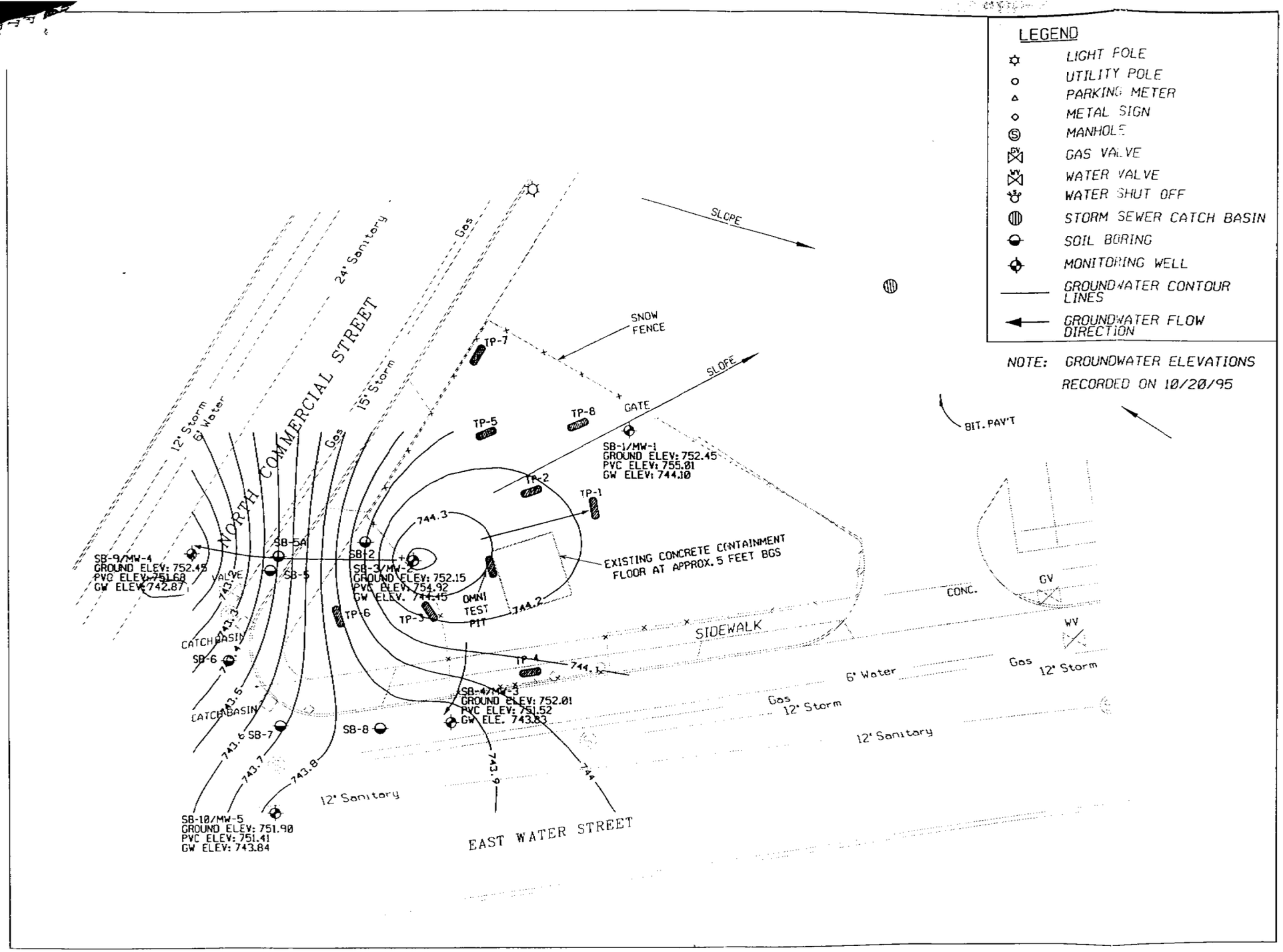
SHEET TITLE

SITE MAP

N

PROJECT NUMBER 948722
DATE 7/31/98
PROJECT MGR. BLK
DRAWN BY TWWALZ
FILE NAME SITELOC.DGN
SCALE 1" = 20'
REVISION 09 30 97

FIGURE 1



GRAEF ANHALT SCHLOEMER
and Associates Inc.
ENGINEERS & SCIENTISTS

ENVIRONMENTAL SERVICES DIVISION

OTHER OFFICES LOCATED AT:

GREEN BAY, WISCONSIN
MADISON, WISCONSIN
CHICAGO, ILLINOIS

PROJECT NAME:

WINNEBAGO COUNTY
HUMAN SERVICES BUILDING
211 NORTH COMMERCIAL ST.
NEENAH, WISCONSIN

SHEET TITLE:

GROUNDWATER FLOW DIRECTION MAP

PROJECT NUMBER: 948722

DATE: 10-20-95

PROJECT MGR: BJK

DRAWN BY: TMW/JZ

FILE NAME: GW-FLOW3.DGN

SCALE: 1"= 20'

FIGURE 5

TABLE 1

SUMMARY OF
GROUNDWATER ANALYTICAL RESULTS
March 2, 1998 and July 9, 1998

Winnwbago County
Human Health Services
211 North Commercial Street
Neenah, Wisconsin

Analytical Parameters	NR 140*		RW-1		MW-4		MW-6		Duplicate		Trip Blank	
	ES	PAL							MW-6	RW-1		
			3/2/98	7/9/98	3/2/98	7/9/98	3/2/98	7/9/98	3/2/98	7/9/98	3/2/98	7/9/98
Petroleum Volatile Organic Compounds (PVOCs)(in ppb)												
Analytical Methods: US EPA 5030/8021												
Benzene	5	0.5	<0.21	<0.32	**14**	**16**	**0.36****	<0.32	**0.37****	<0.32	<0.21	<0.32
Ethylbenzene	700	140	<0.68	<0.34	**0.7**	**0.74****	<0.68	<0.34	<0.68	<0.34	<0.68	<0.34
Methyl-butyl-ether (MTBE)	60	12	<0.21	<0.31	<0.21	<0.31	<0.21	<0.31	<0.21	<0.31	<0.21	<0.31
Toluene	343	68.6	<1.5	<0.35	<1.5	<0.35	<1.5	<0.35	<1.5	<0.35	<1.5	<0.35
1,2,4-Trimethylbenzene	***	***	<1	<0.35	<1	<0.35	<1	<0.35	<1	<0.35	<1	<0.35
1,3,5-Trimethylbenzene	***	***	<0.86	<0.64	<0.86	<0.64	<0.86	<0.64	<0.86	<0.64	<0.86	<0.64
Total Xylenes	620	124	<1.8	<1	<1.8	<1	<1.8	<1	<1.8	<1	<1.8	<1
Field Parameters												
pH (negative base-10 logarithmic units)	***	***	7.61	7.41	7.25	7.13	7.28	7.27	NT	NT	NT	NT
Temperature (degrees C)	***	***	6.9	13.7	9.8	15.7	7.8	15.6	NT	NT	NT	NT
Specific Conductivity (mS/cm)	***	***	3.35	3.61	3.70	3.76	2.90	2.96	NT	NT	NT	NT

EXPLANATION:

* = Chapter NR140 groundwater quality standards, Wisconsin Administrative Code.
** = Detection was between the limit of detection (LOD) and the limit of quantification (LOQ).
*** = No groundwater standards currently exist.
ppm = parts per million.
ppb = parts per billion.

EPA = Environmental Protection Agency
WDNR = Wisconsin Department of Natural Resources.
NT = Not Tested
Analytical detections are bold
NR140 exceedances are shaded
PAL= Preventive Action Limit;
ES = Enforcement Standard

TABLE 1

SUMMARY OF
GROUNDWATER ANALYTICAL RESULTS
May 19, 1997 and August 19, 1997

Winnwbago County
Human Health Services
211 North Commercial Street
Neenah, Wisconsin

Analytical Parameters	NR 140*		SU-1		MW-4		Duplicate		Trip Blank	
	ES	PAL	5/19/97	8/19/97	5/19/97	8/19/97	5/19/97	8/19/97	5/19/97	8/19/97
Petroleum Volatile Organic Compounds (PVOCs)(in ppb)										
Analytical Methods: US EPA 5030/8021										
Benzene	5	0.5	**0.93**	**1.3**	**17**	**16**	**19**	**1.03**	<0.21	<0.21
Ethylbenzene	700	140	<0.68	<0.68	<0.68	**0.82**	<0.68	<0.68	<0.68	<0.68
Methyl-butyl-ether (MTBE)	60	12	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
Toluene	343	68.6	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
1,2,4-Trimethylbenzene	***	***	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	***	***	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
Total Xylenes	620	124	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Field Parameters										
pH (negative base-10 logarithmic units)	***	***	7.45	7.17	7.57	7.33	NT	NT	NT	NT
Temperature (degrees C)	***	***	9.0	16.0	11.2	15.6	NT	NT	NT	NT
Specific Conductivity (mS/cm)	***	***	3.44	3.21	3.76	3.88	NT	NT	NT	NT

EXPLANATION:

* = Chapter NR140 groundwater quality standards, Wisconsin Administrative Code.
*** = No groundwater standards currently exist.
ppm = parts per million.
ppb = parts per billion.

EPA = Environmental Protection Agency
WDNR = Wisconsin Department of Natural Resources.
NT = Not Tested
Analytical detections are bold
NR140 exceedances are shaded
PAL= Preventive Action Limit:
ES = Enforcement Standard.

TABLE 2

SUMMARY OF
GROUNDWATER ANALYTICAL DETECTIONS -
MONITORING WELL MW-1, MW-2 and MW-3

Winnebago County Human Resources Facility
211 North Commercial Street
Neenah, Wisconsin

abandon

Analytical Parameters	NR 140* PAL	NR 140* ES	TRIP BLANK	MW-1 5/30/95 (GLA)	MW-2 5/30/95 (GLA)	MW-3 5/30/95 (GLA)
Gasoline Range Organics (GRO)(in ppb)	***	***	NT	86	16,000	<50.0
Analytical Method: WDNR modified GRO						
Diesel Range Organics (DRO)(in ppm)	***	***	NT	<0.10	1.4	0.13
Analytical Method: WDNR modified DRO						
Petroleum VOCs (PVOCs)** (in ppb)						
Analytical Methods: US EPA (see across)				*(5030/8021)*	*(5030/8021)*	*(5030/8021)*
Benzene (71-43-2)	0.5	5	<0.5	1.4	180.0	<0.5
Ethylbenzene (100-41-4)	140	700	<0.5	<0.5	900.0	<0.5
Methyl-t-butyl ether (163-40-4)	12	60	<5.0	<5.0	<500.0	<5.0
Toluene (108-88-3)	68.6	343	<0.5	1.2	950.0	<0.5
1,2,4-Trimethylbenzene (95-63-6)	***	***	<1.0	<1.0	110.0	<1.0
1,3,5-Trimethylbenzene (108-67-8)	***	***	<1.0	<1.0	150.0	<1.0
m-Xylene (108-38-3)	total					
o-Xylene (95-47-6)	Xylenes					
p-Xylene (106-42-3)	124	620				
or						
Xylenes, total	124	620	<0.5	<0.5	3,200.0	<0.5
Volatile Organic Compounds (VOCs)(in ppb)						
Analytical Methods: US EPA (see columns)				*(5030/8021)*	*(5030/8021)*	*(5030/8021)*
Bromobenzene (108-86-1)	***	***	<0.5	<0.5	<50.0	<0.5
Bromochloromethane (74-97-5)	***	***				
Bromodichloromethane (75-27-4)	36	179	<0.5	<0.5	<50.0	<0.5
Bromoform (75-25-2)	0.44	4.4				
Bromomethane (74-83-9)	***	***				
t-Butylalcohol (97-95-0)	***	***				
n-Butylbenzene (104-51-8)	***	***	<0.5	<0.5	68.0	<0.5
sec-Butylbenzene (135-98-8)	***	***	<0.5	<0.5	<50.0	<0.5
tert-Butylbenzene (98-06-6)	***	***	<0.5	0.55	<50.0	<0.5
Carbon tetrachloride (56-23-5)	0.5	5	<0.5	<0.5	<50.0	<0.5
Chlorobenzene (108-90-7)	***	***	<0.5	<0.5	<50.0	<0.5
Chloroethane (75-00-3)	80	400	<0.5	<0.5	<50.0	<0.5
Chloroform (67-66-3)	0.6	6	<0.5	<0.5	<50.0	<0.5
Chloromethane (74-87-3)	***	***	<0.5	<0.5	<50.0	<0.5
2-Chlorotoluene (95-49-8)	***	***	<0.5	<0.5	<50.0	<0.5
4-Chlorotoluene (106-43-4)	***	***	<0.5	<0.5	<50.0	<0.5
Dibromochloromethane (124-48-1)	43	215	<0.5	<0.5	<50.0	<0.5
1,2-Dibromo-3-chloropropane (96-12-8)	0.02	0.2	<1.0	<1.0	<100.0	<1.0
1,2-Dibromoethane (106-93-4)	0.005	0.05	<0.5	<0.5	<50.0	<0.5
Dibromomethane (74-95-3)	***	***				
1,2-Dichlorobenzene (95-50-1)	60	600	<0.5	<0.5	<50.0	<0.5
1,3-Dichlorobenzene (541-73-1)	125	1250	<0.5	<0.5	<50.0	<0.5
1,4-Dichlorobenzene (106-46-7)	15	75	<0.5	<0.5	<50.0	<0.5
Dichlorodifluoromethane (75-71-8)	200	1000	<0.5	<0.5	<50.0	<0.5
1,1-Dichloroethane (75-34-3)	85	850	<0.5	<0.5	<50.0	<0.5
1,2-Dichloroethane (107-06-2)	0.5	5	<0.5	<0.5	<50.0	<0.5
1,1-Dichloroethene (75-35-4)	0.7	7	<0.5	<0.5	<50.0	<0.5
cis-1,2-Dichloroethene (156-59-2)	***	***	<0.5	<0.5	<50.0	<0.5
trans-1,2-Dichloroethene (156-60-5)	***	***	<0.5	<0.5	<50.0	<0.5
1,2-Dichloropropane (78-87-5)	0.5	5	<0.5	<0.5	<50.0	<0.5
1,3-Dichloropropane (142-28-9)	***	***	<0.5	<0.5	<50.0	<0.5
2,2-Dichloropropane (594-20-7)	***	***	<0.5	<0.5	<50.0	<0.5
1,1-Dichloropropene (563-58-6)	***	***				
cis-1,3-Dichloropropene (542-75-6)	***	***				
trans-1,3-Dichloropropene (542-75-6)	***	***				
Hexachlorobutadiene (87-68-3)	***	***	<5.0	<5.0	<500.0	<5.0
Isopropylbenzene (98-82-8)	***	***	<0.5	<0.5	72.0	<0.5
di-Isopropyl ether (108-20-3)	***	***	<5.0	<5.0	<500.0	<5.0
p-Isopropyltoluene (99-87-6)	***	***	<0.5	<0.5	<50.0	<0.5
Methylene chloride (75-09-2)	15	150	<0.5	<0.5	<50.0	<0.5
Naphthalene (91-20-3)	8	40	<8.0	<8.0	<800.0	<8.0
n-Propylbenzene (103-65-1)	***	***	<0.5	<0.5	73.0	<0.5
Styrene (100-42-5)	10	100				
1,1,1,2-Tetrachloroethane (630-20-6)	***	***				
1,1,2,2-Tetrachloroethane (79-34-5)	***	***	<0.5	<0.5	<50.0	<0.5
Tetrachloroethene (127-18-4)	0.5	5	<0.5	<0.5	<50.0	<0.5
1,2,3-Trichlorobenzene (87-61-6)	***	***	<2.0	<2.0	<200.0	<2.0
1,2,4-Trichlorobenzene (120-82-1)	***	***	<2.0	<2.0	<200.0	<2.0
1,1,1-Trichloroethane (71-55-6)	40	200	<0.5	<0.5	<50.0	<0.5
1,1,2-Trichloroethane (79-00-5)	***	***	<0.5	<0.5	<50.0	<0.5
Trichloroethene (79-01-6)	0.5	5	<0.5	<0.5	<50.0	<0.5
Trichlorofluoromethane (75-69-4)	698	3490	<0.5	<0.5	<50.0	<0.5
1,2,3-Trichloropropane (96-18-4)	***	***				
Vinyl chloride (75-01-4)	0.02	0.2	<0.2	<0.2	<20.0	<0.2
Field Parameters						
pH (negative base-10 logarithmic units)	***	***		7.88	7.9	7.85
Temperature (degrees C)	***	***		14.8	12.5	16.1
Specific Conductivity (umhos/cm)	***	***		3,680	2,460	5180

EXPLANATION:

* = Chapter NR140 groundwater quality standards, Wisconsin Administrative Code.
** = Subset of VOCs, often analyzed in lieu of the full VOC suite.
*** = No groundwater standards currently exist.

Analyses by Great Lakes Analytical Laboratories, Inc. (GLA), Buffalo Grove, IL, Certification #9999-17-160.
Analyses by Percision Analytical Laboratories, Inc. (PAL), Milwaukee, WI, Certification #241369260.

NT = Not Tested

ppm = parts per million
ppb = parts per billion

EPA = Environmental Protection Agency
WDNR = Wisconsin Department of Natural Resources.

Analyte (CAS Number)

NR140 exceedances:
PAL= Preventive Action Limit;
ES = Enforcement Standard.

248722.12 GW 5/30/95

TABLE 3

SUMMARY OF
GROUNDWATER ANALYTICAL DETECTIONS -
MONITORING WELL MW-4, MW-5

Sampling Date: 9/29/95

Winnebago County Human Services Facility
211 N. Commercial St.
Neenah, Wisconsin

Analytical Parameters	NR 140* PAL	NR 140* ES	TRIP BLANK	MW-4 9/29/95 (GLA)	MW-5 9/29/95 (GLA)	MW-4 Duplicate 9/29/95 (GLA)
Gasoline Range Organics (GRO)(in ppb)	***	***		61.0	<50.0	
Analytical Method: WDNR modified GRO						
Diesel Range Organics (DRO)(in ppm)	***	***		<0.10	<0.10	
Analytical Method: WDNR modified DRO						
Petroleum VOCs (PVOCs)** (in ppb)						
Analytical Methods: US EPA (see across)						
Benzene (71-43-2)	0.5	5	<0.5	27.0	<0.5	33.0
Ethylbenzene (100-41-4)	140	700	<0.5	<0.5	<0.5	<0.5
Methyl-t-butyl ether (163-40-4)	12	60	<5.0	<5.0	<5.0	<5.0
Toluene (108-88-3)	68.6	343	<0.5	0.78	<0.5	10.0
1,2,4-Trimethylbenzene (95-63-6)	***	***	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene (108-67-8)	***	***	<1.0	<1.0	<1.0	<1.0
Xylenes, total	124	620	<0.5	<0.5	<0.5	1.1
Volatile Organic Compounds (VOCs)(in ppb)						
Analytical Methods: US EPA (see columns)						
Bromobenzene (108-86-1)	***	***	<0.5	<0.5	<0.5	<0.5
Bromochloromethane (74-97-5)	***	***	--	--	--	--
Bromodichloromethane (75-27-4)	36	179	0.76	<0.5	<0.5	<0.5
Bromoform (75-25-2)	0.44	4.4	--	--	--	-
Bromomethane (74-83-9)	***	***	--	--	--	
t-Butylalcohol (97-95-0)	***	***	--	--	-	--
n-Butylbenzene (104-51-8)	***	***	<0.5	<0.5	<0.5	<0.5
sec-Butylbenzene (135-98-8)	***	***	<0.5	<0.5	<0.5	<0.5
tert-Butylbenzene (98-06-6)	***	***	<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride (56-23-5)	0.5	5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene (108-90-7)	***	***	<0.5	<0.5	<0.5	<0.5
Chloroethane (75-00-3)	80	400	<0.5	<0.5	<0.5	<0.5
Chloroform (67-66-3)	0.6	6	1.2	<0.5	<0.5	<0.5
Chloromethane (74-87-3)	***	***	<0.5	<0.5	<0.5	<0.5
2-Chlorotoluene (95-49-8)	***	***	<0.5	<0.5	<0.5	<0.5
4-Chlorotoluene (106-43-4)	***	***	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane (124-48-1)	43	215	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-chloropropane (96-12-8)	0.02	0.2	<1.0	<1.0	<1.0	
1,2-Dibromoethane (106-93-4)	0.005	0.05	<0.5	<0.5	<0.5	<0.5
Dibromomethane (74-95-3)	***	***	--	--	--	--
1,2-Dichlorobenzene (95-50-1)	60	600	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene (541-73-1)	125	1250	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene (106-46-7)	15	75	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane (75-71-8)	200	1000	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane (75-34-3)	85	850	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane (107-06-2)	0.5	5	<0.5	0.8	<0.5	0.84
1,1-Dichloroethene (75-35-4)	0.7	7	<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene (156-59-2)	***	***	<0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene (156-60-5)	***	***	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane (78-87-5)	0.5	5	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane (142-28-9)	***	***	<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane (594-20-7)	***	***	<0.5	<0.5	<0.5	<0.5
1,1-Dichloropropene (563-58-6)	***	***	--	--	--	--
cis-1,3-Dichloropropene (542-75-6)	***	***	--	--	--	--
trans-1,3-Dichloropropene (542-75-6)	***	***	--	--	--	
Hexachlorobutadiene (87-68-3)	***	***	<5.0	<5.0	<5.0	<5.0
Isopropylbenzene (98-82-8)	***	***	<0.5	<0.5	<0.5	<0.5
di-Isopropyl ether (108-20-3)	***	***	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene (99-87-6)	***	***	<0.5	<0.5	<0.5	<0.5
Methylene chloride (75-09-2)	15	150	<0.5	<0.5	<0.5	<0.5
Naphthalene (91-20-3)	8	40	<8.0	<8.0	<8.0	<8.0
n-Propylbenzene (103-65-1)	***	***	<0.5	<0.5	<0.5	<0.5
Styrene (100-42-5)	10	100	--	--	--	--
1,1,1,2-Tetrachloroethane (630-20-6)	***	***	--	--	--	--
1,1,2,2-Tetrachloroethane (79-34-5)	***	***	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene (127-18-4)	0.5	5	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene (87-61-6)	***	***	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene (120-82-1)	***	***	<2.0	<2.0	<2.0	<2.0
1,1,1-Trichloroethane (71-55-6)	40	200	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane (79-00-5)	***	***	<0.5	<0.5	<0.5	<0.5
Trichloroethene (79-01-6)	0.5	5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane (75-69-4)	698	3490	<0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane (96-18-4)	***	***	--	--	--	--
Vinyl chloride (75-01-4)	0.02	0.2	<0.2	<0.2	<0.2	<0.2
Field Parameters						
pH (negative base-10 logarithmic units)	***	***		7.6	7.7	
Temperature (degrees C)	***	***				
Specific Conductivity (mS/cm)	***	***		5.0	5.8	

EXPLANATION:

* = Chapter NR140 groundwater quality standards, Wisconsin Administrative Code
** = Subset of VOCs, often analyzed in lieu of the full VOC suite
*** = No groundwater standards currently exist
Analyses by Great Lakes Analytical (GLA), Buffalo Grove, IL. Certification #9999-17-160
NS = Not Sampled
-- = Not Tested
ppm = parts per million
ppb = parts per billion

EPA = Environmental Protection Agency
WDNR = Wisconsin Department of Natural Resources

Analyte (CAS Number)
NR140 exceedances
PAL= Preventive Action Limit;
ES = Enforcement Standard

State of Wisconsin
Department of Natural Resources

Route To:
- ☐ Solid Waste
- ☐ Emergency Response
- ☐ Wastewater
- ☐ Superfund
- ☐ Haz. Waste
- ☒ Underground Tanks
- ☐ Water Resources
- ☐ Other _____

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 5-92

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Winnebago Co. Human Health Services-Neenah		**SB-9**

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Aaron Brunette **Environmental Drilling Services, Inc.**	09 / 28 / 95 (MM DD YY)	09 / 28 / 95 (MM DD YY)	**HSA**

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-4	___ Feet MSL	___ Feet MSL	**8.30** inches

Boring Location
State Plane ___ N, ___ E
NE 1/4 of **SW** 1/4 of Section **22**, T **20** N, R **17** E
Lat ___ ° ' "
Long ___ ° ' "

Local Grid Location (If applicable)
☐ N ☐ E
___ Feet ☐ S ___ Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
Winnebago	**71**	**Neenah**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				0.0 to 0.2 Asphalt										
			0.5	**0.2 to 0.8 Concrete**										
	14	8 9 11 15	1.0 1.5	**0.8 to 1.0 GRAVEL, fine to medium, little clay, organics, gravel brown (10YR 4/3), clay black (10YR 2/1), moist, (GC, buried soil horizon)**	GC CL				12.4					
			2.0 2.5	**1.0 to 3.0 CLAY, trace fine sand and organics, low plasticity, blocky, reddish brown (5YR 4/4), moist, (CL, fine grained till)**										
	18	27 3 9 18	3.0 3.5 4.0 4.5	**3.0 to 5.0 CLAY, trace silt, fine to coarse grained sand, fine to coarse gravel and organics, low plasticity, blocky, reddish brown (5YR 4/4), silt pink (5YR 8/4), moist, (CL, fine grained till)**	CL				6.8					
	18	13 18 23 24	5.0 5.5 6.0	**5.0 to 8.0 CLAY, trace silt, fine grained sand and organics, low plasticity, blocky, odor, brown (7.5YR 4/2 to 7.5YR 4/3), moist, (CL, fine grained till)**	CL				12.2					**odor 5-12 ft bgs**

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *David Haas (BTK)*

Firm **Graef, Anhalt, Schloemer, and Associates, Inc.**
11540 W. Theo Trecker Way, West Allis, WI 53214

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

948722

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A
Rev. 5-92

Boring Number **SB-9**

Use only as an attachment to Form 4400-122.

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	24	5 7 13 20	6.5, 7.0, 7.5					15.6						lab samples 7 to 11 feet bgs and 11 to 12 ft bgs
			8.0	8.0 to 9.0 CLAY, some fine grained sand, trace medium to coarse grained sand, low plasticity, odor, brown (10YR 4/3), moist, (CL, fine grained till)	CL									
SS-1	15	11 15 32 52	8.5, 9.0	9.0 to 9.5 GRAVEL, coarse, angular, white (5Y 8/1) to light olive gray (5Y 6/2), dry, (GP, granite rock)	GP			25.2						
			9.5	9.5 to 11.0 CLAY, some fine to medium grained sand, little coarse grained sand and fine to coarse gravel, nonplastic, odor, stained gray (N/5) to dark gray (N/4), moist, (SC, fine grained till)	SC									
SS-2	11	100/12	10.0, 10.5, 11.0	11.0 to 12.0 SAND, fine to coarse grained, little fine to coarse gravel, few clay, poorly sorted, odor, well compacted, stained gray (N/5) to dark gray (N/4), moist, (SW, fine grained till)	SW			17.2						
			11.5, 12.0	12.0 to 20.5 BLIND DRILLED										
			12.5, 13.0, 13.5, 14.0, 14.5, 15.0, 15.5, 16.0											

Winnebago Co. Human Health Services-Neenah

948722