

GIS REGISTRY INFORMATION

SITE NAME:	Waupun Public Utilities Wastewater Treatment Plan		
BRRTS #:	03-20-443019	FID #	
		(if appropriate):	
COMMERCE # (if appropriate):	53963-1559-01		
CLOSURE DATE:	November 02, 2004		
STREET ADDRESS:	501 Fond Du Lac Ave		
CITY:	Waupun		
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X = 623475	Y = 352832	
CONTAMINATED MEDIA:	Groundwater <input type="checkbox"/>	Soil <input checked="" type="checkbox"/>	Both <input type="checkbox"/>
OFF-SOURCE GW CONTAMINATION >ES:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
• IF YES, STREET ADDRESS:			
• GPS COORDINATES X = Y =			
(meters in WTM91 projection):			
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
• IF YES, STREET ADDRESS 1:			
• GPS COORDINATES X = Y =			
(meters in WTM91 projection):			
CONTAMINATION IN RIGHT OF WAY:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
<u>DOCUMENTS NEEDED</u>			
Closure Letter, and any conditional closure letter issued			X
Copy of most recent deed, including legal description, for all affected properties			X
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties			X
County Parcel ID number, if used for county, for all affected properties			X
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.			X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.			X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)			
Tables of Latest Soil Analytical Results (no shading or cross-hatching)			X
Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.			
GW: Table of water level elevations, with sampling dates, and free product noted if present			
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)			
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour			X
Geologic cross-sections, if required for SI. (8.5x14" if paper copy)			
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)			
Copy of (soil or land use) deed restriction (s) or deed notice if any required as a condition of closure			



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
Jim Doyle, Governor
Cory L. Nettles, Secretary

November 2, 2004

Dennis Westhouse
City of Waupun
Public Utilities
501 Fond Du Lac Ave
Waupun, WI 53963

RE: **Final Closure**

Commerce # 53963-1559-01 WDNR BRRTS # 03-20-443019
Waupun Public Utilities Wastewater Treatment Plan, 501 Fond Du Lac Ave, Waupun

Dear Mr. Westhouse:

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 state and federal 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.

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 (608) 261-5404.

Sincerely,

A handwritten signature in black ink, appearing to read "Gena M. Larson". The signature is written in a cursive style and is positioned above the typed name.

Gena M. Larson
Hydrogeologist
Site Review Section

cc: Scott McKittrick, Northern Environmental Technologies Inc
Case File



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
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P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
Jim Doyle, Governor
Cory L. Nettles, Secretary

October 11, 2004

Dennis Westhouse
City of Waupun
Public Utilities
501 Fond du Lac Ave
Waupun, WI 53963

RE: **Conditional Case Closure**

Commerce # 53963-1559-01 WDNR BRRTS # 03-20-443019
Waupun Public Utilities Wastewater Treatment Plan, 501 Fond du Lac Ave, Waupun

Dear Mr. Westhouse:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Northern Environmental Technologies Inc, for the site referenced above. It is understood that residual soil 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.

During the groundwater sampling event conducted on March 28, 2003, the preventive action limit (PAL) for Naphthalene was exceeded at monitoring point W-1, at 13 parts per billion. Commerce is issuing a PAL exemption, per NR 140.28(2), Wis. Adm. Code, for Naphthalene at the referenced property.

The following condition must be satisfied to obtain final closure:

- The sump constructed to assess groundwater quality and de-water during excavation activities must be properly abandoned and the appropriate documentation 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.

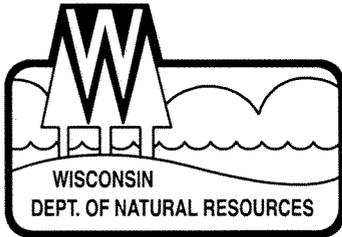
Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-5404.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Larson", written over a horizontal line.

Gena M. Larson
Hydrogeologist
Site Review Section

cc: Scott McKittrick, Northern
Case File



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ruthe E. Badger, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

October 1, 2004

539163-1559-01

Dennis Westhuis
City of Waupun – Public Utilities
817 South Madison Street
Waupun, WI 53963

SUBJECT: Closure of Landspreading Site
Source site: Waupun Wastewater Treatment Plant
501 Fond du Lac Avenue, Waupun, WI
WDNR BRRTS # 03-20-443019

Dear Mr. Westhuis:

On September 30, 2004, the South Central Region Closure Committee reviewed your request for closure of your landspreading site. The committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. The landspreading site is located on City of Waupun property located in the NE1/4, SE1/4, Section 29, T14N, R15E in the Town of Waupun, Fond du Lac County, just north of the City of Waupun and adjacent to a former city landfill.

Based on the information provided to the Department, the Closure Committee has determined that your landspreading site meets state standards and the Department considers this case closed and no further investigation, remediation or other action is required at this time.

The Department of Commerce has regulatory authority over the source site located at 501 Fond du Lac Avenue in Waupun. You will need to request final closure for that site from Commerce.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

If you have any questions regarding this letter, please contact me at (608) 275-3209.

Sincerely,

Denise Nettlesheim
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Tim Coughlin, WDNR, Environmental Enforcement
Gena Larson, Department of Commerce (via email)
Scott McKittrick, Northern Environmental, 1203 Storbeck Drive, Waupun, WI 53963

NUMBER

54577

This Indenture, Made this 21st day of February, A. D. 1945.

between OTTO A. LOTHER and BERTHA LOTHER, husband and wife as Joint Tenants, and F. T. CLARK and ORA CLARK, husband and wife as Joint Tenants, parties of the first part, and CITY OF WAUPUN, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Waupun, Wisconsin, part Y of the second part.

WITNESSETH, That the said part 1e of the first part, for and in consideration of the sum of Twelve Hundred Seventy-five & No/100 Dollars

to them in hand paid by the said part Y 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 part Y of the second part, its SUCCESSORS and assigns forever, the following described real estate, situated in the County of Fond du Lac, and State of Wisconsin, to-wit:

(\$1.65 in Revenue stamps cancelled)

Commencing at a point One Thousand Fifty-four (1054) feet South of the point of intersection of the South line of the Waupun and Fond du Lac road and the line between the East One-half (E 1/2) and the West One-half (W 1/2) of Section Thirty Three (33), along the said line, and Four Hundred Seventeen (417) feet west measured at right angles with the said line, which point of commencement is in the west line of land now owned by the party of the second part described in deed recorded in Volume 226 of Deeds on pages 466 and 467, and is Three Hundred Nine (309) feet South from the Northwest corner thereof, running thence West about Seven Hundred Fifty Three (753) feet to the center of the Waupun and Fond du Lac Road, thence Southwesterly along the center of said road to the center of the Rock River as relocated, thence Southeasterly and Easterly along the center of Rock River to a point which intersects a line beginning at the point of commencement aforesaid, running thence south One Hundred Fifty Three (153) feet, thence South Thirty Four (34) degrees West about Two Hundred Seventy Five (275) feet, to the center of the Rock River, thence running from said point of intersection in the center of Rock River North Thirty Four (34) degrees East about Two Hundred Seventy Five (275) feet to a point in the west line of the land described in the Warranty Deed recorded in Volume 226 of Deeds on pages 466 and 467, thence North on the said West line One Hundred Fifty Three (153) feet to the place of beginning.

That if the party of the second part does abandon the site and has no further use therefor, the parties of the first part, their heirs, executors, administrators, and assigns, who own the real estate adjoining the above premises on the north, shall have the first option and opportunity to purchase the above described premises for the consideration expressed above.

That the parties of the first part give and grant to the party of the second part a perpetual easement and right to lay, construct and maintain a tile from the northerly line of the above described premises in a northerly direction to the sewer line and pipe as now laid and constructed pursuant to the grant and easement contained in the said warranty deed recorded in volume 226 of deeds on pages 466 and 467, and such grant and easement shall be governed by the same terms and provisions as contained in said deed, relating thereto.

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 parties 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 part Y of the second part, and to its SUCCESSORS and assigns FOREVER.

AND THE SAID parties of the first part,

for themselves, their heirs, executors and administrators, do covenant, grant, bargain and agree to and with the said part Y of the second part, its SUCCESSORS and assigns, that at the time of the sealing and delivery of these presents they are well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever.

and that the above bargained premises in the quiet and peaceable possession of the said part Y 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 1e of the first part hereunto set their hands and seal 21st day of February, A. D. 1945.

Signed and Sealed in Presence of

Maude Naumann

Margaret McKasson

STATE OF WISCONSIN, Dodge County, ss.

Otto A. Lother (SEAL)

Bertha Lother (SEAL)

Ora Clark (SEAL)

F. T. Clark (SEAL)

Personally came before me, this 21st day of February, A. D. 1945.

the above named Otto A. Lother and Bertha Lother, husband and wife as Joint Tenants, and

F. T. Clark and Ora Clark, husband and wife as Joint Tenants,

to me known to be the person s who executed the foregoing instrument and acknowledged the same.

Received for Record this 13th day of March, A. D. 1945, at 9:50 o'clock A. M.

and Recorded in Vol. 285, of Deeds, on Page 332

J. A. Brunkhorst Register of Deeds, Deputy.



W. A. Wagner Notary Public, Dodge County, Wis. My Commission expires January 4, A. D. 1948

Wisconsin Department of Natural Resources GIS Registry Packet
Waupun Public Utilities – Wastewater Treatment Plant
BRRTS#03-20-443019

Copy of Certified Survey Map

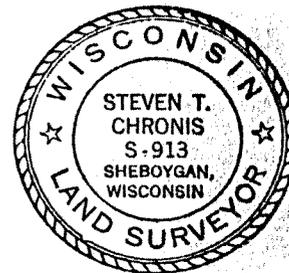
Waupun Public Utilities – Wastewater Treatment Plant
Parcel Identification Number: WPN-14-15-33-08-001-00

I, Steven T. Chronis, Registered Land Surveyor, hereby certify that in full compliance with the provisions of Chapter 236.34 of the Wisconsin Statutes, I have surveyed and mapped a parcel of land located in the Southeast 1/4, Northwest 1/4 of Section 33, Township 14 North, Range 15 East, City of Waupun, Fond du Lac County, Wisconsin and more particularly described as follows: Commencing at a point on the East line of the Northwest 1/4 of Said Section 33, 1749.00 feet South from its Northeast corner, thence West 563.40 feet at right angles to the East line of the Northwest 1/4 of Said Section 33, thence South 30°-42'-10" West 192.34 feet, thence South 00°-02'-32" West 143.10 feet, thence South 89°-55'-31" West 444.97 feet, thence West 63.83 feet to a point on the centerline of S.T.H. "151" and "26", thence South 38°-31'-50" West 255.72 feet along the centerline of S.T.H. "151" and "26" to a point on the center of a bridge over the Rock River, thence Easterly and Northeasterly along the centerline of the Rock River to its intersection with the East Line of the Northwest 1/4 of Said Section 33, thence North 140 feet ± along the East Line of the Northwest 1/4 of Said Section 33 to the Place of Commencement.

That such parcel is a correct representation of all the exterior boundaries of the land surveyed.

Dated this 25 day of January, 1968.

Steven T. Chronis
Wisconsin Registered Land Surveyor S-913



Received for record this 22nd day of February, 1968 at 8:30 o'clock in the A.M., and recorded in Volume 1 of Certified Survey Maps of Fond du Lac County, Wisconsin, on page 68 & 68A as Document number 229324.

Kenneth E. Betz
Kenneth E. Betz
Register of Deeds

CHARGE & RETURN TO:
Clarence G. VandeZande
16 North Madison Street
Waupun, Wisconsin

CERTIFIED SURVEY MAP # 68 A

VOLUME 1

PAGE 68 A

Central Engineers & Surveyors, Inc.

112 1/2 S. Spring St. P.O. Box 381
Beaver Dam, WI 53916
(414) 887-3127

441641

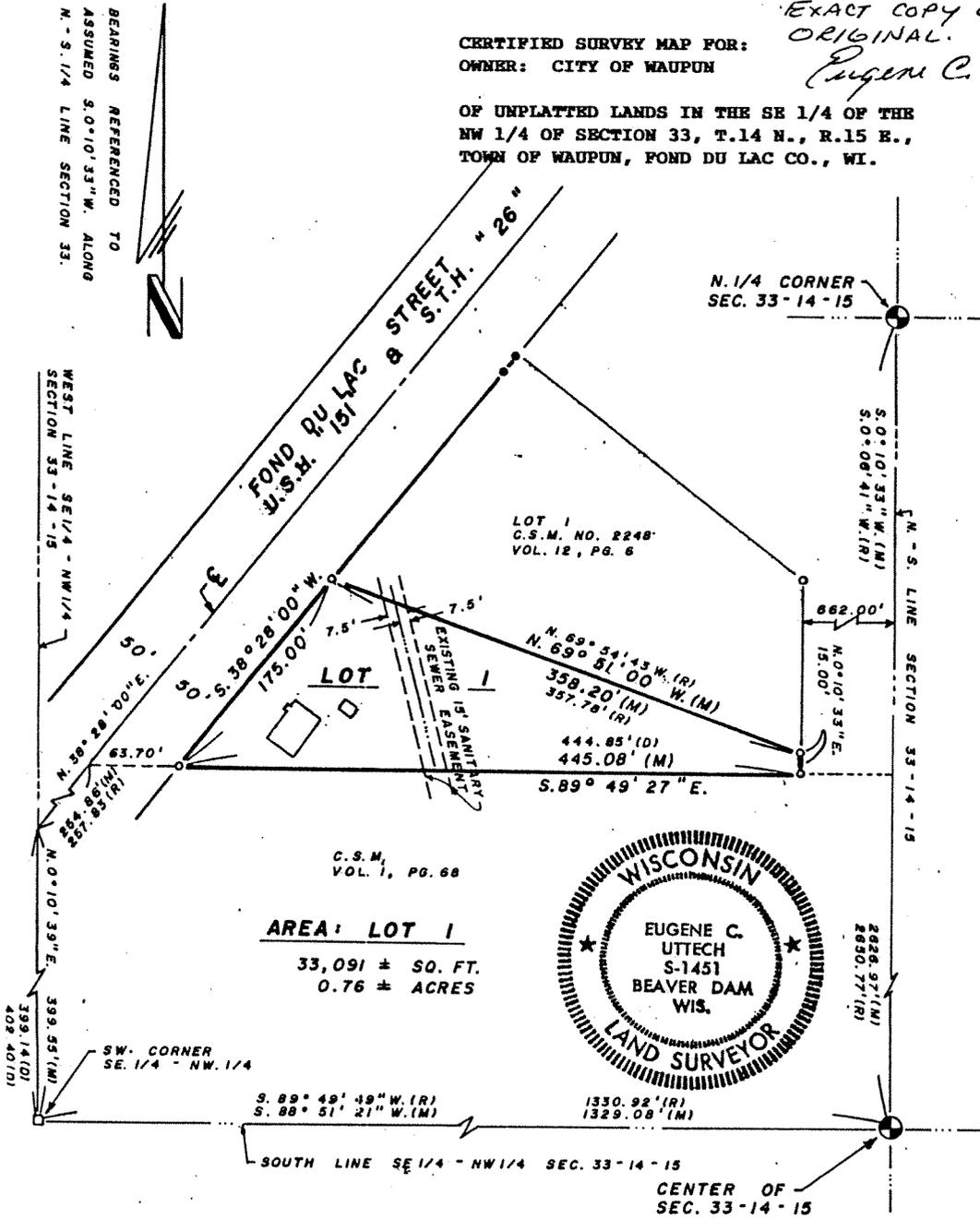
45 Sheboygan St. P.O. Box 413
Fond du Lac, WI 54935
(414) 921-5432

THIS IS A TRUE AND EXACT COPY OF THE ORIGINAL. 7/10/87

Eugene C. Uttech

CERTIFIED SURVEY MAP FOR:
OWNER: CITY OF WAUPUN

OF UNPLATTED LANDS IN THE SE 1/4 OF THE
NW 1/4 OF SECTION 33, T.14 N., R.15 E.,
TOWN OF WAUPUN, FOND DU LAC CO., WI.

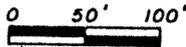


CERTIFIED SURVEY MAP NO. 3450 VOLUME 19 PAGE 9

AREA: LOT 1
33,091 ± SQ. FT.
0.76 ± ACRES



Scale of Map: 1 inch = 100'



STATE OF WISCONSIN }
COUNTY OF DODGE } ss

(D) DESCRIBED
(M) MEASURED
(R) RECORDED

LEGEND

- Iron Pipes Found
- 1" x 24" Iron Pipes Set, 1.13 lb./ft.
- Stone Mon. Found
- △ Iron Pins Set
- ⊙ Soil Tests

I have surveyed the above-described property, and the above map is a true representation thereof and shows the size and location of the property, its exterior boundaries, the location of all visible structures thereon, fences, apparent easements and roadways and visible encroachments, if any. This survey is made for the exclusive use of the present owners of the property, and also those who purchase, mortgage, or guarantee the title thereto, within one year from date hereof, and as to them I certify the accuracy of said survey and map.

Dated at BEAVER DAM, WI., this 10 day of JULY, 19 87.

WAUPUN PUBLIC UTILITIES
SEC. 33-14-15 L-6393

Eugene C. Uttech
Registered Land Surveyor

Central Engineers & Surveyors, Inc.

112 1/2 S. Spring St. P.O. Box 381
 Beaver Dam, WI 53918
 (414) 887-3127

45 Sheboygan St. P.O. Box 413
 Fond du Lac, WI 54935
 (414) 921-5432

THIS IS A TRUE AND
 EXACT COPY OF THE
 ORIGINAL. 7-10-87
Eugene C. Uttech

I, Eugene C. Uttech, Registered Land Surveyor of the State of Wisconsin, do hereby certify that by order of Mr. Al Leu, I have made a survey of part of the SE 1/4 of the NW 1/4 of Section 33, T.14N., R.15E., Town of Waupun, Fond du Lac County, Wisconsin, and being more particularly described as follows:

Commencing at the North 1/4 corner of said Section 33; thence S.0°10'33"W., along the North-South 1/4 line of said Section 33, 2626.97 feet to the center of Section 33; thence S.88°51'21"W., along the South line of said SE 1/4 of the NW 1/4, 1329.08 feet to a stone monument at the Southwest corner of said SE 1/4 of the NW 1/4; thence N.0°10'39"E., along the West line of said SE 1/4 of the NW 1/4, 399.55 feet to the centerline of Fond du Lac Street (S.T.H. "26" and Business U.S.H. "151"); thence N.38°28'00"E., along said centerline, 254.86 feet; thence S.89°49'27"E., 63.70 feet to the Easterly right-of-way line of said Fond du Lac Street, and being the Southwesterly corner of lands deeded to the City of Waupun as recorded in Volume 891 of Records on Page 124 in the Fond du Lac County Register of Deeds and being also the point of beginning of lands to be described; thence continuing S.89°49'27"E., along a Northerly line of Certified Survey Map as recorded in Volume 1 of Certified Surveys on Page 68 in said Fond du Lac County Register of Deeds Office, 445.08 feet to the Southeast corner of lands deeded to the City of Waupun as described in Volume 837 of Records on page 769 in said Fond du Lac County Register of Deeds Office, and being a point located 662.00 feet West of as measured normal to said North-South 1/4 line of Section 33; thence N.0°10'33"E., along a line parallel with said North-South 1/4 line, 15.00 feet to the Southeast corner of Lot 1 of Certified Survey Map No. 2248, as recorded in Volume 12 of Certified Surveys on Page 6 in said Fond du Lac County Register of Deeds Office; thence N.69°51'00"W., 358.20 feet to the Southwest corner of said Lot 1 of Certified Survey Map No. 2248 and being on said Easterly right-of-way line of Fond du Lac Street; thence S.38°28'00"W., along said right-of-way line, 175.00 feet to the point of beginning.

Said parcel contains 0.76 acres, more or less, and being subject to existing 15 foot wide sanitary sewer easement of record and recorded in Volume 342 of Mortgages on Pages 383 and 384 in said Fond du Lac County Register of Deeds Office.

I further certify that I have complied with Chapter 236 of the Wisconsin State Statutes in surveying and mapping the same.

CERTIFIED SURVEY MAP NO. 3450 VOLUME 19 PAGE 9 A.

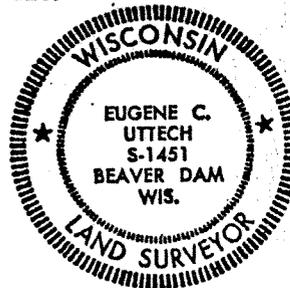
REGISTER'S OFFICE

Fond du Lac County, Wis.
 Recorded at 10 AM

JUL 13 1987

Vol. 19 CSM Records Page 9 & 9 A.

MARY A. BRICKLE
 REGISTER OF DEEDS



LEGEND

- Iron Pipes Found
- 1" x 24" Iron Pipes Set, 1.13 lb./ft.
- Stone Mon. Found
- △ Iron Pins Set
- ⊙ Soil Tests

Scale of Map: 1 inch =

STATE OF WISCONSIN }
 COUNTY OF Dodge }

I have surveyed the above-described property, and the above map is a true representation thereof and shows the size and location of the property, its exterior boundaries, the location of all visible structures thereon, fences, apparent easements and roadways and visible encroachments, if any. This survey is made for the exclusive use of the present owners of the property, and also those who purchase, mortgage, or guarantee the title thereto, within one year from date hereof, and as to them I certify the accuracy of said survey and map.

WAUPUN PUBLIC UTILITIES
 SEC. 33 - 14 - 15 L - 6393

Dated at BEAVER DAM, WI, this 10 day of July, 19 87.

Eugene C. Uttech
 (Registered Land Surveyor)



SCALE IN FEET

1" = 2000'



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



BASE MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE, WAUPUN SOUTH, WISCONSIN, 1981 (NATIONAL GEOGRAPHIC TOPO! 2001)

QUADRANGLE LOCATION

Northern Environmental SM
Hydrologists • Engineers • Geologists

1203 Storbeck Drive, Waupun, Wisconsin
Phone: 800-498-3921 Fax 920-324-3023

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

CREATION DATE: 07/16/03

DRAWN BY: DDP

REVISION DATE: 00/00/00

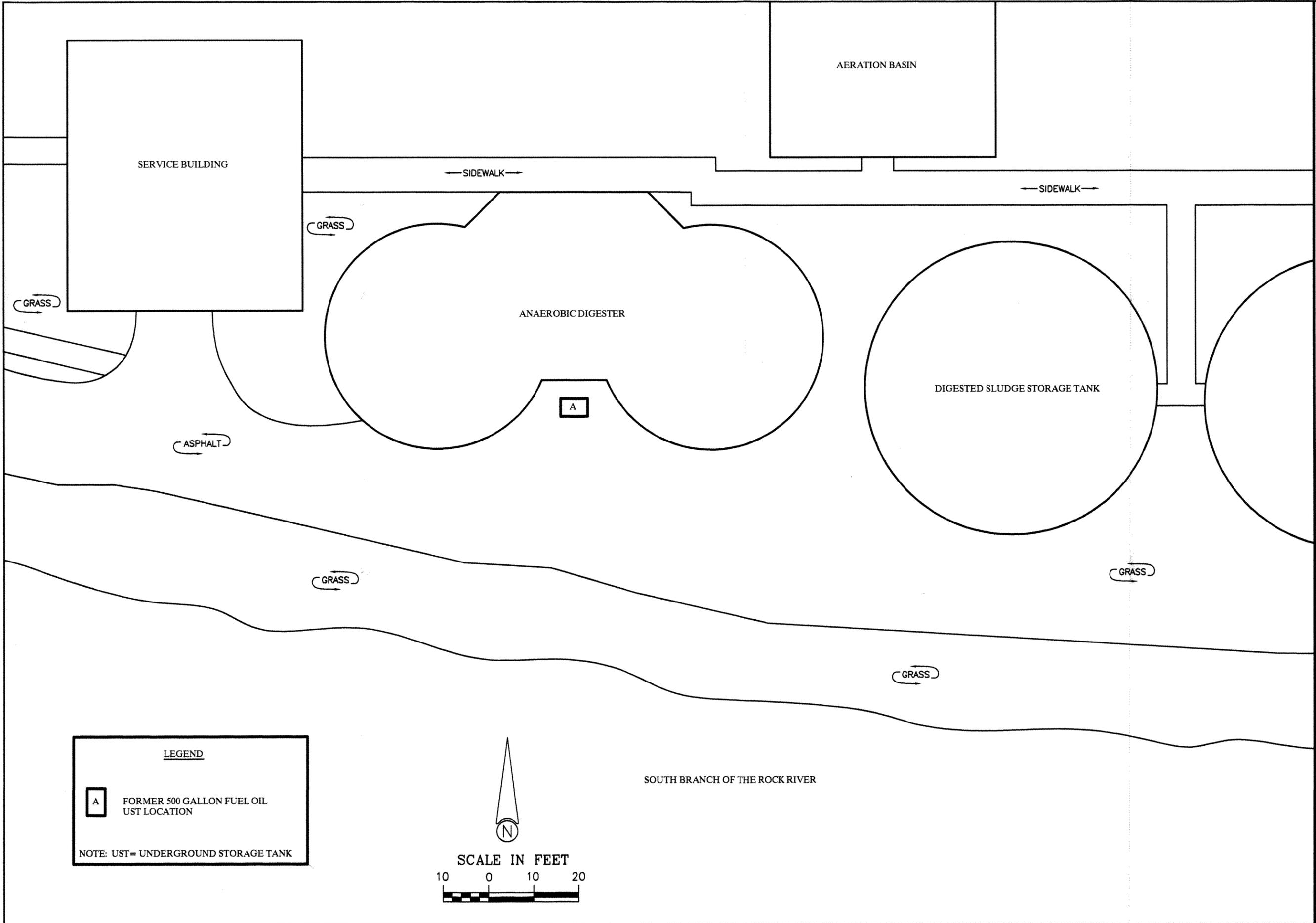
THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.

SITE LOCATION AND LOCAL TOPOGRAPHY

WAUPUN UTILITIES
WASTE WATER TREATMENT FACILITY
WAUPUN, WISCONSIN

PROJECT NUMBER: WPU08-2200-0612

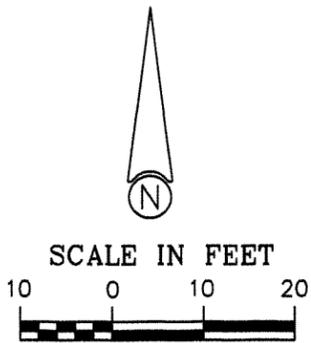
FIGURE 1



LEGEND

A FORMER 500 GALLON FUEL OIL UST LOCATION

NOTE: UST= UNDERGROUND STORAGE TANK



SOUTH BRANCH OF THE ROCK RIVER

SITE LAYOUT

WAUPUN UTILITIES
WASTE WATER TREATMENT FACILITY
WAUPUN, WISCONSIN

PROJECT NUMBER: WPU08-2200-0612

FIGURE 2

Northern Environmental
Hydrologists · Engineers · Geologists

1203 Starbeck Drive, Waupun, Wisconsin
Phone: 800-498-3921 Fax 920-324-3023

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

SM
THIS DRAWING AND ALL INFORMATION CONTAINED
HEREON IS THE PROPERTY OF NORTHERN
ENVIRONMENTAL INCORPORATED AND SHALL NOT
BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR
WHICH IT IS EXPRESSLY FURNISHED.

CREATION DATE:	07/16/03
DRAWN BY:	DDP
REVISION DATE:	00/00/00

Table 1: Soil Field Screening and Laboratory Analytical Results, Waupun Public Utilities - Wastewater Treatment Plant, Waupun, Wisconsin

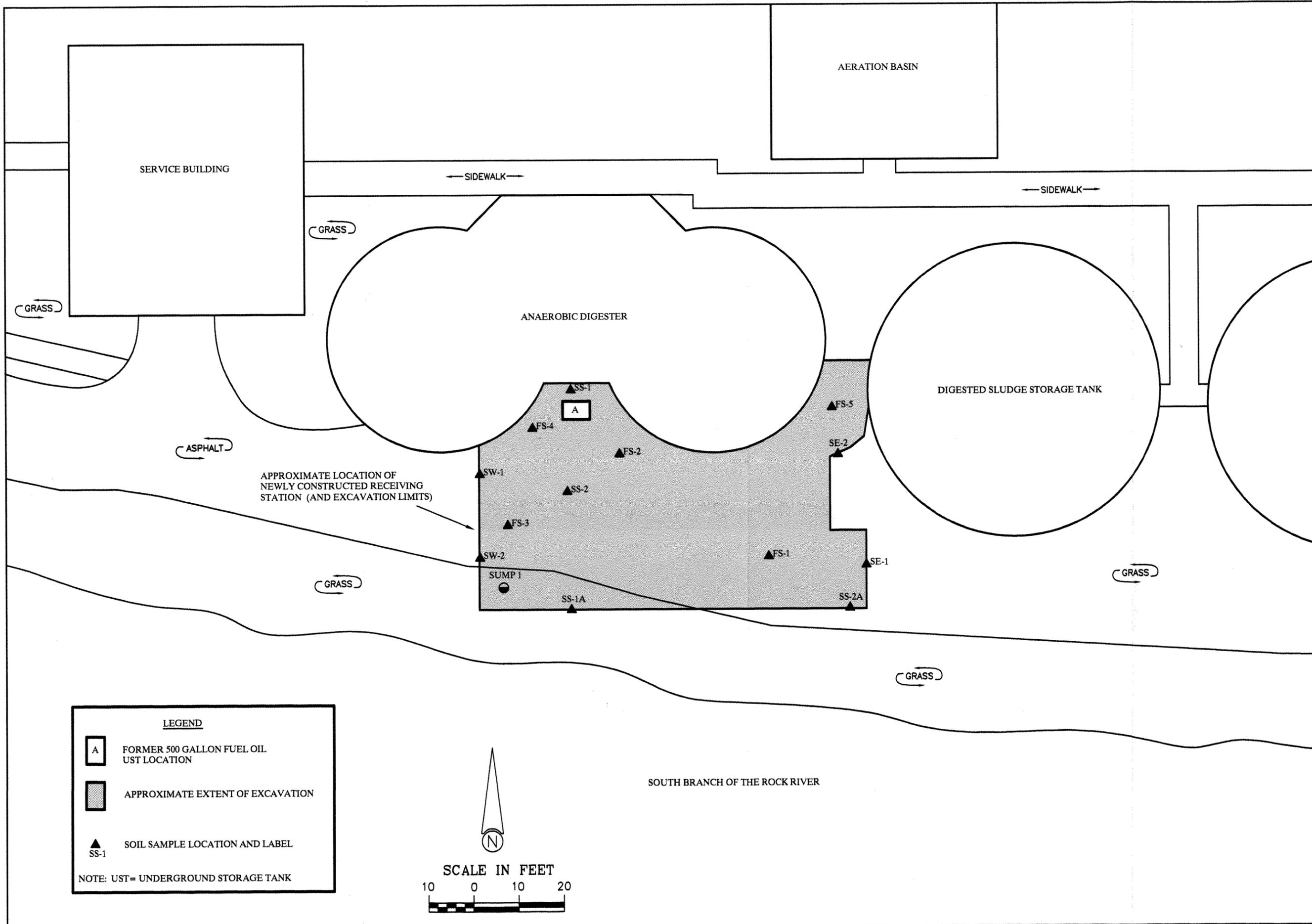
Site Location	Soil Sample	Depth (feet)	Date Collected	PID Headspace Analysis			Sample Description	GRO (mg/kg)	DRO (mg/kg)	Dissolved Lead	"Detected" VOCs												
				Time Collected	Time Analyzed	PID Response (µi)					Benzene	s-Butylbenzene	n-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
Wis. Admin Code Chapter NR720 RCLs							250	250		5.5	NE		2,900	NE	NE	NE	NE	NE	1,500	NE	NE	4,100	
Comm 46.06/ NR 746 Table 1 Indicators of Residual Product in Soil Pores							NE	NE	NE	8,500	NE		4,600	NE	NE	NE	2,700	NE	38,000	83,000	11,000	42,000	
Comm 46.06/ NR 746 Table 2 Direct Contact Criteria (Only for samples collected from 0-4 ft)							NE	NE	NE	1,100	NE		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
Building	SS1		03/27/03	8:10		218	Clay	180	950	---	<25	1,000	1,600	<25	480	<25	<25	11,000	1,000	<25	<25	<25	<75
Building	SS2		03/27/03	8:12		38	Clay	25	53	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Truck	S3		03/28/03	7:13		299	Clay and Gravel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S4		03/28/03	7:20		319	Clay and Gravel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S5		03/28/03	7:25		339	Clay and Gravel	320	1,100	---	<25	---	---	<25	---	---	<25	13,000	---	84	2,000	850	750
Truck	S6		03/28/03	7:33		188	Clay and Gravel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S7		03/28/03	7:40		124	Clay and Gravel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S8		03/28/03	7:50		158	Clay and Gravel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S9		03/28/03	7:56		137	Clay and Gravel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S10		03/28/03	8:31		38	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S11		03/28/03	8:37		45	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S12		03/28/03	8:43		37	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S13		03/28/03	8:56		6	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S14		03/28/03	9:00		45	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S15		03/28/03	9:06		98	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S16		03/28/03	9:20		18	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S17		03/28/03	9:29		1	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S18		03/28/03	9:35		2	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S19		03/28/03	9:50		0	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S20		03/28/03	9:58		0	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S21		03/28/03	10:12		128	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stockpile	S22		03/28/03	10:22		43	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stockpile	S23		03/28/03	10:23		0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S24		03/31/03	7:07		0	Clayey Silt, Trace Gravel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S25		03/31/03	7:12		0	Clayey Silt, Trace Gravel	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S26		03/31/03	7:18		0	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S27		03/31/03	7:25		0	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S28		03/31/03	7:34		0	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S29		03/31/03	7:45		5	Clayey Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S30		03/31/03	7:51		10	Clayey Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S31		03/31/03	7:56		2	Clayey Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S32		03/31/03	8:05		73	Clayey Silt	23	86	---	<14	---	---	<13	---	<13	2,000	---	<14	110	<13	41	
Truck	S33		03/31/03	8:16		1	Clayey Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S34		03/31/03	8:25		1	Clayey Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S35		03/31/03	8:32		* NO	Clayey Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S36		03/31/03	8:38		* NO	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S37		03/31/03	8:42		* NO	Clayey Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S38		03/31/03	8:52		* NO	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S39		03/31/03	9:01		* NO	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S40		03/31/03	9:09		* Odor	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S41		03/31/03	9:15		* NO	Silt	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S42		03/31/03	9:28		* NO	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S43		03/31/03	9:37		* NO	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S44		03/31/03	9:43		* NO	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S45		03/31/03	9:48		* NO	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S46		03/31/03	9:53		* NO	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S47		03/31/03	10:00		* Odor	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S48		03/31/03	10:06		* NO	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S49		03/31/03	10:11		* NO	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S50		03/31/03	10:16		* NO	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S51		03/31/03	10:26		* NO	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S52		03/31/03	10:40		* NO	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S53		03/31/03	11:42		* NO	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S54		03/31/03	12:01		* NO	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S55		03/31/03	12:26		* NO	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S56		03/31/03	12:34		* NO	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S57		03/31/03	12:49		* NO	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S58		03/31/03	12:55		* NO	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S59		03/31/03	13:18		* Odor	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S60		03/31/03	13:23		141	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S61		03/31/03	13:55		* Odor	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S62		03/31/03	14:21		40	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S63		03/31/03	14:32		2	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S64		03/31/03	14:37		0	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S65		03/31/03	14:51		0	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S66		03/31/03	15:00		0	Silty Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Truck	S67		03/31/03	15:07		0	Silty Clay	---	---	---	---												

Table 1: Soil Field Screening and Laboratory Analytical Results, Waupun Public Utilities - Wastewater Treatment Plant, Waupun, Wisconsin

Site Location	Soil Sample	Depth (feet)	Date Collected	PID Headspace Analysis			Sample Description	GRO (mg/kg)	DRO (mg/kg)	Dissolved Lead	"Detected" VOCs														
				Time Collected	Time Analyzed	PID Response (iui)					Benzene	s-Butylbenzene	n-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	MTBE	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes		
Wis. Admin Code Chapter NR720 RCLs							250	250		5.5	NE		2,900	NE	NE	NE	NE	NE	1,500	NE	NE	4,100			
Comm 46.06/ NR 746 Table 1 Indicators of Residual Product in Soil Pores							NE	NE	NE	8,500	NE		4,600	NE	NE	NE	NE	NE	2,700	NE	NE	38,000	83,000	11,000	42,000
Comm 46.06/ NR 746 Table 2 Direct Contact Criteria (Only for samples collected from 0-4 ftg)							NE	NE	NE	1,100	NE		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
West Wall	SW2	7'	04/01/03	7:03	7:42	0	Clay	0.60	<10		<14	---	---	<13	---	---	<13	<13	---	<14	<25	<13	<57		
East Wall	SE1		04/01/03	7:14	7:43	0	Clay	<1.1	<10		<14	---	---	<13	---	---	<13	<13	---	<14	<25	<13	<57		
Stock Pile	CS1		04/01/03	12:59		0		0.40	<10		<14	---	---	<13	---	---	<13	<13	---	<14	<25	<13	<57		
Stock Pile	CS2		04/01/03	12:59		0		0.34	<10		<14	---	---	<13	---	---	<13	<13	---	<14	<25	<13	<57		
Truck	S68		04/01/03	7:52	8:20	0	Sandy Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S69		04/01/03	7:41	8:21	0	Sandy Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S70		04/01/03	7:54	8:23	1	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Floor	FS1		04/01/03	7:50	8:24	0	Clay	2.1	<10		<14	---	---	<13	---	---	<13	<13	---	<14	<25	<13	<57		
Floor	FS2		04/01/03	7:52	8:25	30	Clay	37	190		<14	---	---	87	---	---	<13	1,100	---	<14	210	<13	130		
Floor	FS3		04/01/03	7:53	8:26	0	Clay	<1.1	<10		<14	---	---	<13	---	---	<13	<13	---	<14	<25	<13	<57		
Floor	FS4		04/01/03	7:55	8:27	8	Clay	83	110		<14	---	---	270	---	---	<13	3,500	---	<14	<25	<13	330		
Truck	S71		04/01/03	8:14	8:36	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S72		04/01/03	8:18	8:38	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S73		04/01/03	8:42	9:11	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S74		04/01/03	8:49	9:12	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S75		04/01/03	9:00	9:33	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S76		04/01/03	9:10	9:34	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S77		04/01/03	9:19	9:46	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S78		04/01/03	9:26	9:47	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S79		04/01/03	9:32	10:11	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S80		04/01/03	9:40	10:12	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S81		04/01/03	9:58	10:38	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S82		04/01/03	10:04	10:39	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S83		04/01/03	10:10	10:40	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S84		04/01/03	10:22	10:56	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S85		04/01/03	10:30	10:57	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S86		04/01/03	10:33	11:08	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S87		04/01/03	10:45	11:09	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S88		04/01/03	10:52	11:10	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S89		04/01/03	10:57	11:11	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S90		04/01/03	11:06	11:49	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S91		04/01/03	11:14	11:50	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S92		04/01/03	11:22	11:51	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S93		04/01/03	11:30	11:52	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Truck	S94		04/01/03	11:38	11:53	0	Clay	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Floor	FS5		04/01/03	11:40	12:01	0	Clay	<1.1	<10		<14	---	---	<13	---	---	<13	<13	---	<14	<25	<13	<57		
East Wall	SE2		04/01/03	11:42	12:03	0	Sand	<1.1	<10		<14	---	---	<13	---	---	<13	<13	---	<14	<25	<13	<57		
South Wall	SS2A		04/01/03	11:44	12:05	0	Clay	2	<10		<14	---	---	<13	---	---	<13	140	---	<14	<25	<13	<57		

NOTES:

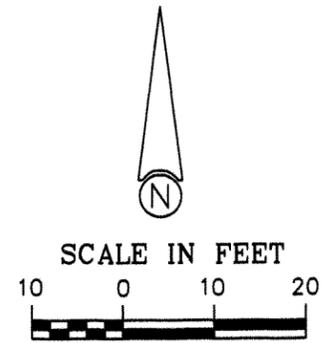
- iui = instrument units as isobutylene
- NE = Not established
- PID = Photoionization Detector
- PVOCs = Petroleum Volatile Organic Compounds
- MTBE = methyl-tertiary-butyl-ether
- DRO = Diesel Range Organics
- GRO = Gasoline Range Organics
- = not submitted for laboratory analysis
- mg/kg = milligrams per kilogram
- µg/kg = micrograms per kilogram
- X "Q" = The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ)
- X = Italic value indicates compound in excess of Wisconsin Administrative Code Chapter NR720 Residual Contaminant Levels (RCLs)
- X = Bold value indicates compound in excess of Comm 46.06 Table 1 Indicators of Residual Product in Soil Pores
- X = Compound in excess of Comm 46.06 Table 2 Direct Contact Criteria
- * NO = PID not working, analyzed using olfactory sense, No odor present
- * Odor = PID not working, analyzed using olfactory sense, odor present



LEGEND

- A FORMER 500 GALLON FUEL OIL UST LOCATION
- APPROXIMATE EXTENT OF EXCAVATION
- SOIL SAMPLE LOCATION AND LABEL
- SS-1

NOTE: UST= UNDERGROUND STORAGE TANK



APPROXIMATE LIMIT OF SOIL EXCAVATION AND SOIL SAMPLE LOCATIONS

WAUPUN UTILITIES
WASTE WATER TREATMENT FACILITY
WAUPUN, WISCONSIN

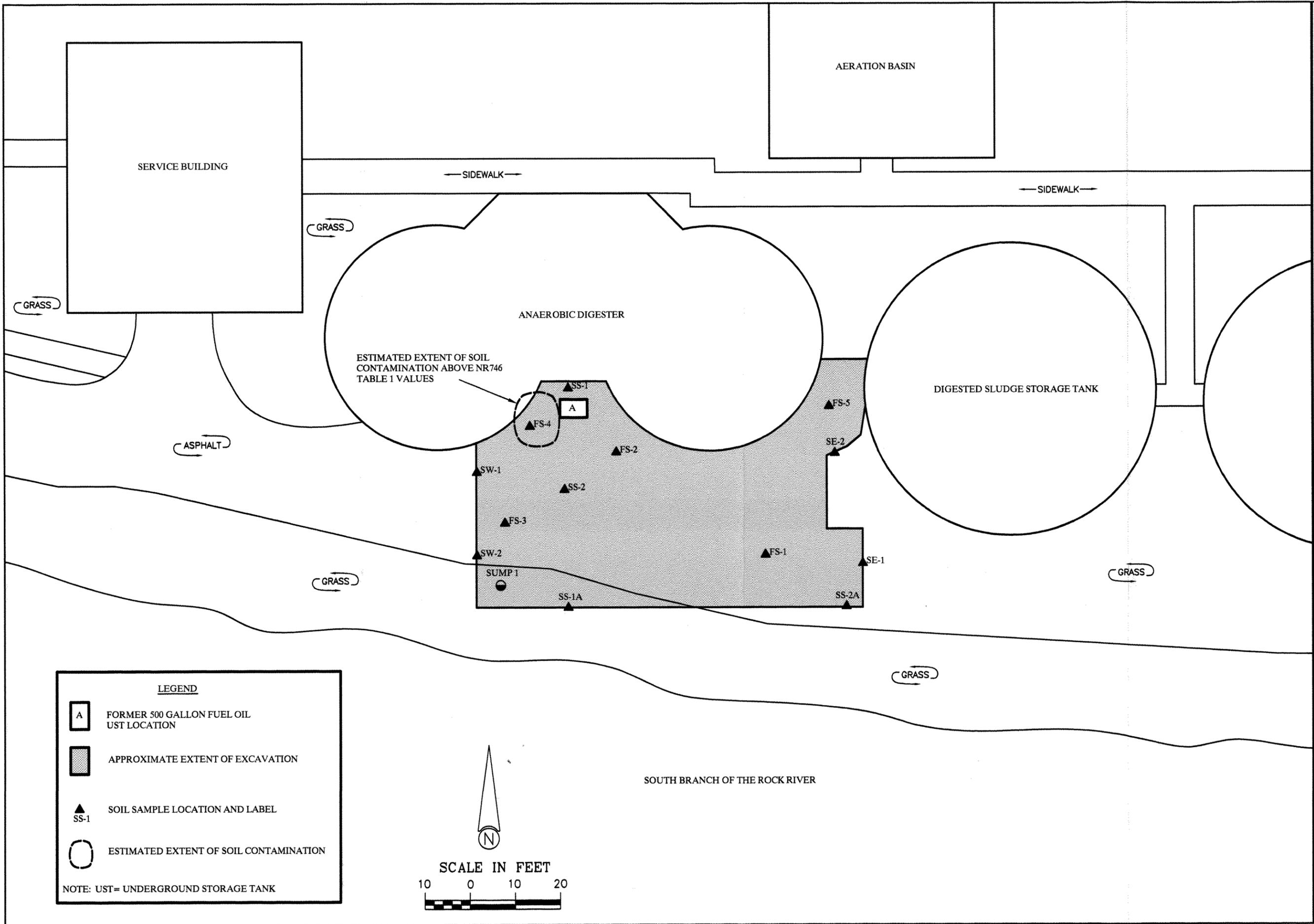
FIGURE 3

PROJECT NUMBER: WPU08-2200-0612

Northern Environmental
Hydrologists • Engineers • Geologists

1203 Starbeck Drive, Waupun, Wisconsin
Phone: 800-498-3921 Fax 920-324-3023

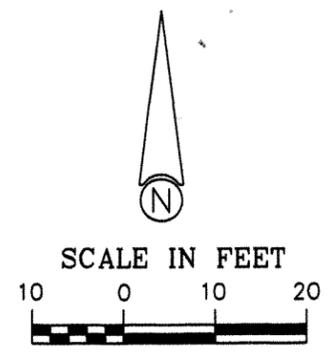
WISCONSIN	ILLINOIS	IOWA
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CREATION DATE:	07/16/03	
DRAWN BY:	DDP	
REVISION DATE:	00/00/00	



LEGEND

- A FORMER 500 GALLON FUEL OIL UST LOCATION
- APPROXIMATE EXTENT OF EXCAVATION
- SOIL SAMPLE LOCATION AND LABEL
- ESTIMATED EXTENT OF SOIL CONTAMINATION

NOTE: UST= UNDERGROUND STORAGE TANK



ESTIMATED EXTENT OF SOIL CONTAMINATION ABOVE NR746 TABLE 1 VALUES

WAUPUN UTILITIES
WASTE WATER TREATMENT FACILITY
WAUPUN, WISCONSIN

PROJECT NUMBER: WPU08-2200-0612 FIGURE 4

Northern Environmental SM
Hydrologists • Engineers • Geologists
1203 Storbeck Drive, Waupun, Wisconsin
Phone: 800-498-3921 Fax: 920-324-3023

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CREATION DATE:	07/16/03	DRAWN BY:	DDP
REVISION DATE:	00/00/00		

August 14, 2003
(WPU08-2200-0612)

Ms. Gena Larson
Wisconsin Department of Commerce
201 West Washington Avenue
Post Office Box 8044
Madison, Wisconsin 53708-8044

RE: GIS Registry Information, Waupun Public Utilities - Wastewater Treatment Plant, 501 Fond du Lac Avenue, Waupun, Wisconsin WDNR File Reference #03-20-443019

Dear Ms. Larson:

As a condition of closure, the Waupun Public Utilities - Wastewater Treatment Plant should be placed on the Soil Geographic Information System (GIS) Registry operated by the Wisconsin Department of Natural Resources (WDNR). In order to place the properties on the registry, the attached information is being supplied to the Wisconsin Department of Natural Resources (WDNR).

I certify that the legal description included with this GIS Registry is complete and accurate. If you have any questions concerning this matter, please contact Mr. Scott A. McKittrick of Northern Environmental at 920-324-8600.

Sincerely,



Dennis Westhouse
Waupun Public Utilities
501 Fond du Lac Avenue
Waupun, Wisconsin

Received Time Aug. 13. 5:03PM