GIS REGISTRY INFORMATION

SITE NAME: Fox Valley & Western - Engine

BRRTS #: 02-45-129861 **FID # (if appropriate):**

COMMERCE # (if appropriate):

CLOSURE DATE: 6/22/04

STREET ADDRESS: Whitman Ave & Second St.

CITY: Appleton

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 644912 Y= 421351

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: [ ] Yes [x] No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	x
Copy of most recent deed, including legal description, for all affected properties	x
Certified survey map or relevant portion of the recorded plat map *(if referenced in the legal description)* **for all affected properties**	x
County Parcel ID number, ***if used for county*****, for all affected properties**	
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	x
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	x
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	x
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	x
Isoconcentration map(s), ***if required for site investigation (SI)*** *(8.5x14" if paper copy)*. The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	x
GW: Table of water level elevations, with sampling dates, and free product noted if present	x
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	x
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	x
Geologic cross-sections, ***if required for SI.*** (8.5x14" if paper copy)	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

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

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

Oshkosh Service Center
625 East County Road Y, STE. 700
Oshkosh, WI 54901-9731
TELEPHONE 920-424-3050
FAX 920-424-4404

June 22, 2004

Geoffrey Nokes
CN Environment
17641 S. Ashland Ave.
Homewood, IL 60430-1345

SUBJECT: Final Case Closure By Closure Committee for Fox Valley & Western – Engine House, Whitman Ave. & Second St., Appleton, WI
WDNR BRRTS #: 02-45-129861

Dear Mr. Nokes:

On April 28, 2004 your site as described above was reviewed for closure by the Northeast Regional Closure Committee ("Closure Committee"). This Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

After careful review of the closure request, the Closure Committee has determined that the petroleum contamination on the site from the former Engine House appears to have been investigated and remediated to the extent practicable under site conditions. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time. Furthermore, the NR 140.28 PAL exemption for cis-1,2-dichloroethylene at former temporary well, B-17, described in the conditional closure letter dated September 29, 1998 is now in effect.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites due to soil contamination remaining below a permeable surface, specifically, benzo(a)pyrene at soil boring, B10, and a small quantity of benzene at B20. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit
http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

In addition, diesel range organics (DRO) remain in soils at the following locations, depths and dates:

- 387 parts per million (ppm) at 2.5 to 4.5 feet below ground surface (bgs) at B12 on March 19, 1997,
- 1490 ppm at 2.5 to 4.5 feet bgs at B13 on March 19, 1997 and
- 120 ppm at 2 to 3 feet bgs at S8 on December 16, 2003.

Please note that soils excavated in the future will need to be properly characterized and disposed.

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

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at the number below.

Sincerely,

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

Electronic Copy: Andrew Mott, STS
Bill Phelps, DG/2

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Remediation and Redevelopment Program
1125 North Military Avenue
P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5916
FAX 920-492-5859
TDD 920-492-5812

September 29, 1998

Mr. Geoffrey Nokes
Fox Valley & Western Ltd.
P.O. Box 5062
Rosemont, IL 60017-5062

SUBJECT: Closure of Case with Deed Restriction and Groundwater Standard Exemption
Fox Valley & Western - Former Engine House, Appleton, Wisconsin
WDNR ERP Case #02-45-129861

Dear Mr. Nokes:

The Department's Case Closeout Committee in the Northeast Region completed a review of the above referenced contamination case and has approved it for closure pending a deed restriction. Your case closure letter has the following two significant parts:

1. Case closure with deed restriction criteria.

2. Exemption issued to State Groundwater Quality Standard (NR 140)

Please read this entire letter. It addresses each of these topics with subtitled indented paragraphs.

Case Closure With Deed Restriction

The case closure panel reviews environmental remediation cases for compliance with state laws, standards, and guidelines to maintain consistency in the closeout of cases. The panel has agreed to close this site pending a deed restriction. This deed restriction will state that inaccessible soil contamination may remain at this site and that additional remedial action is not feasible at this time. The document would be placed in the file with the deed running with the property.

Only when the deed restriction has been finalized and filed with Outagamie County can this site be closed. To completed the deed notification, the Department requires a complete (unabbreviated) legal description and map of the property. Both of these must be obtained from the Outagamie County Register of Deeds.

As soon as this is submitted, the Department will send you a draft copy of the deed restriction, containing language regarding the remaining petroleum contamination. A revised copy will be sent for your review and signature. If it is acceptable, you are to sign it and return a signed copy along with proof of filing for Department files. At that time, the site may be closed.

This deed restriction is an option which the Department can offer in order to close this site. If you choose not to accept this option, you may perform additional investigation and cleanup of the remaining contamination. Within **14 days** please submit a letter to the Department documenting you intentions.

Groundwater Quality Exemption

The most recent groundwater monitoring data at this site indicates an exceedance of the NR 140 preventive action limit (PAL) for 1,2-Dichloroethylene (cis) but compliance with the NR 140 enforcement standard. The Department may grant an exemption pursuant to NR 140.28(2), Wis. Adm. Code, if the following criteria are met:

a) The anticipated increase in the concentration of 1,2-Dichloroethylene (cis) will be minimized to the extent technically and economically feasible.

b) Compliance with the PAL is either not technically or economically feasible.

c) The enforcement standard for 1,2-Dichloroethylene (cis) will not be attained or exceeded at the point of standards application.

d) Any increase in the concentration of 1,2-Dichloroethylene (cis) above background does not present a threat to public health or welfare.

The Department believes that the above criteria have been or will be met because of the remediation which has occurred at this site. Therefore, pursuant to NR 140.28, an exemption for the 1,2-Dichloroethylene (cis) PAL is granted to monitoring well B-17. This letter serves as your exemption.

As a condition of this closure, the Department is requiring you to properly abandon all groundwater monitoring wells, provide the Department with proper documentation of such abandonment, and documentation of proper soil disposal (ie. landfill disposal tickets). **This case will be listed as "active" on the Department's tracking system until the above mentioned conditions are met.**

The Department appreciates the actions you have undertaken to restore the environment at this site. If you have questions regarding this letter please do not hesitate to contact me in Green Bay at (920) 492-5943.

Sincerely,

Kristin Nelll
Hydrogeologist
Remediation and Redevelopment Program

NR 140 Exemption Approval 9-30-98 R. C Stoll
(Date) Rick Stoll
Regional Hydrogeologist, PG

cc: Steve Karklins, DG/2
Rick Stoll, DG
Bob Mottl, STS Consultatns Ltd.
1035 Kepler Drive, Green Bay, WI 54311

Outagamie COUNTY, Wis.
FROM William H. Rogers

Pcl. 2 Map 10-A. Wis. V. 13
6.60 Acres Approx.

9

Wis V 13

94281

Wm. H. Rogers & Wife

TO

The C. & N. W. Ry. Co.

WARRANTY DEED.

REGISTER'S OFFICE

Outagamie County, Wis.

Received for record this 16th day of July A. D. 1882 at 10 o'clock A. M., and recorded in Vol. 73 of Deeds on page 252

John M. Daer Register.

Dec 80

Mail to C. & N. W. Ry. Co.

No. 22.—WARRANTY DEED. West & Co., Stationers, Milwaukee.

William H. Rogers and Lucinda A Rogers his wife Grantors of the city of Appleton. Outagamie County, Wisconsin, hereby convey and warrant to the Chicago and Northwestern Railway Company grantee a Corporation under the laws of Illinois and Wisconsin, for the sum of Two Thousand (2000) dollars, the following tract of land in the city of Appleton, Outagamie County aforesaid: To wit: The West seven (7) acres ~~of that part of the southwest quarter of the~~ northwest quarter of Section Thirty four (34) Township Twenty one (21) north, Range seventeen (17) east, lying north of the Right of way of the Chicago and North western Railway Company; Also a strip of land in the east half of the east half of section thirty three (33) Same township and range said Strip being one hundred (100) feet wide, and extending from the east line of said East half of East half southwesterly along on the northerly side of and adjoining said right of way to the west line of the land of William H Rogers the above named grantor, and lying and being in the Town of Grand Chute, County and State aforesaid — Containing in all Eight and Eighty one hundredths (8 81/100) acres of land. ~~Less~~ Second Street The above Consideration is also in full compensation for all damages that may result to the adjoining lands of said grantors by or in consequence of the use of the above conveyed premises for railway tracks, and for other railway purposes

Witness the hands and seals of said grantor, this 12th day of July 1892

IN PRESENCE OF

Madison J Rogers
J. S. Buck

W. H. Rogers [SEAL.]
Lucinda A Rogers [SEAL.]
[SEAL.]

STATE OF WISCONSIN,
Outagamie COUNTY. } SS.

Personally came before me this twelfth day of July 1892, the above named W. H. Rogers and Lucinda A. Rogers his wife, to me known to be the persons who executed the foregoing instrument, and acknowledged the same.

J. S. Buck
Notary Public
Outagamie
Wis

The form of this Deed is in accordance with the Revised Statutes of the State of Wisconsin, approved June, 1878. See Chapter 100, Sec. 2208.

L. C. 39.

SEC. _____ TOWN _____ R. _____

PART OF SECTION, _____

Outagamie COUNTY, Wis.

FROM William H. Rogers

Pcl. 4 Map 10-A. Wis. V. 13

.25 Acres Approx.

11

Price

No. 98.337

Quit-Claim Deed.

William H. Rogers and wife

—TO—

Chicago & North Western Railway Co.

REGISTER'S OFFICE,
Ontagamie County, Wis.
Received for Record the 21st
day of July A. D. 1893
10½ o'clock A. M. and Recorded in
Vol. 84 of Deeds on page 53
John M. Baer
Register.

Mail with bill
to C & N W

T. 2.

This Indenture, Made this third day of July in the year of Our Lord one thousand eight hundred and ninety three between William H. Rogers and Lucinda A. Rogers his wife of the County of Outagamie and State of Wisconsin party of the first part, and the Chicago and North Western Railway Company party of the second part.

WITNESSETH, That the said parties of the first part, for and in consideration of the sum of ~~[illegible]~~ Sixty three Dollars, in hand paid, by the said party of the second part, the receipt whereof is hereby acknowledged, and the said party of the second part forever released and discharged therefrom, have remised, released, conveyed and quit-claimed, and by these presents do remise, release, convey and quit-claim, unto the said party of the second part, its successors and assigns forever, all the right, title, interest, claim and demand which the said parties of the first part has in and to the following described lot, piece, or parcel of land, situated, lying and being in the County of Outagamie and State of Wisconsin and known and described as follows, to wit:

The North thirty (30) feet of the West seven (7) acres of that part of the South West quarter of the North West quarter of Section Thirty-four (34), Township Twenty one (21) North, Range Seventeen (17) East of the fourth principal meridian lying North of the right-of-way of the Chicago and North Western Railway Company, in the Third Ward of the city of Appleton.

The right-of way over said premises for the purpose of a public street, heretofore deeded by said parties of the first part to the City of Appleton, is hereby revoked, the same not having been accepted by said City.

Except the extreme west 30 feet of the above 30 feet strip which are reserved for a public street on the line of the city limits running north to Spencer Street.

TO HAVE AND TO HOLD the same, together with all and singular the hereditaments and appurtenances thereunto belonging, or in anywise thereunto appertaining, and all the estate, right, title, interest and claim whatever of the said parties of the first part, either in law or equity, to the only proper use, benefit and behoof of the said party of the second part its successors and assigns forever.

IN WITNESS WHEREOF, the said party of the first part have hereunto set their hands and seals the day and year first above written.

Signed, Sealed and Delivered in Presence of

A. B. Whitman

Jacob Leniden

Lucinda A. Rogers (Seal)

W. H. Rogers (Seal)

SEAL

SEAL

State of Wisconsin
County of Outagamie } ss: Personally came before me this — Fifth — day of July A.D. 1893, the within named William H. Rogers and Lucinda A. Rogers, his wife, to me known to be the persons who executed the within instrument and acknowledged the same.

A. B. Whitman
Notary Public,
Wis.

Quit-Claim Deed.

William H. Rogers and
Lucinda A. Rogers, his wife
TO
Chicago & North Western Railway Co.

REGISTER'S OFFICE
Outagamie County, Wis.
Received for Record the 2nd day of July A.D. 1893
1 o'clock, P.M. and Recorded in Vol. 84 of Deeds on page 222
John M. Bear
Register
Mail with bill to C & N W

KT OF SECTION

Outagamie COUNTY, Wis.

FROM B.C. Wolter

Pcl. 6 Map 10-A. Wis. V. 13

3.67 Acres Approx.

13

Ent'l. on Register Book

Orig

Orig

94.495

B. C. Wolter & Flora S. Wolter

TO

The C. & N. W. Ry. Co.

WARRANTY DEED.

REGISTER'S OFFICE,
Outagamie County, Wis.

Received for record this 10th day of August A. D. 1882, at 10 o'clock a M., and recorded in Vol. 73 of Deeds, on page 268

John M. Baer, Register.

See letter attached

No. 22.—WARRANTY DEED. West & Co., Stationers, Milwaukee.

Flora S. Wolter B. C. Wolter & Flora C. Wolter his wife Grantors of The City of Appleton Outagamie County, Wisconsin, hereby convey and warrant to the Chicago & North Western Railway Company grantee A Corporation under the Laws of Illinois and Wisconsin, for the sum of Seven hundred and fifty dollars — (750) — dollars, the following tract of land in said City of Appleton Outagamie County, Wisconsin.

Same being part and parcel of the North west quarter of the North West quarter of Section thirty four (34) Township Twenty one (21) North Range Seventeen (17) East of the Fourth (4th) principal meridian described and bounded as follows To-wit:- So much of said North West quarter of North west quarter as lies South westerly of the Milwaukee Lake Shore and Western Railway Company's right of way, except the right of way for a street over the South thirty (30) feet thereof which has been heretofore conveyed to the City of Appleton for such purposes, containing three (3) acres of land more or less and excepting and reserving a private right of way thirty (30) feet in width as now used across the north end or point of the tract hereby conveyed

Witness the hand and seal of said grantor, this Thirtieth day of June — 1892

IN PRESENCE OF

John Bottenek

Fred E. Harriman

Flora S. Wolter in her own right [SEAL.]

B. C. Wolter [SEAL.]

Flora S. Wolter his wife [SEAL.]

STATE OF WISCONSIN, Outagamie County. } ss.

Personally came before me this 30 — day of June 1892, the above named Flora S. Wolter B. C. Wolter and Flora S. Wolter his wife his wife, to me known to be the persons who executed the foregoing instrument, and acknowledged the same.

John Bottenek
Notary Public
Wisconsin

The form of this Deed is in accordance with the Revised Statutes of the State of Wisconsin, approved June, 1878. See Chap. 100, Sec. 2208.

Val 13/ map 5-10A
Pel 20
Fox River Sub
7.20 Acres Approx.

State WISCONSIN

County OUTAGAMIE

Val. Sec. 13

Map No. S-10A

Pcl. No. 20

9890-A

DOCUMENT NO.

573022

VOL 672 PAGE 665

WARRANTY DEED
STATE OF WISCONSIN—FORM 1
THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE
OUTAGAMIE COUNTY, WIS.
Received for Record the 1 day of October A.D. 19 64
2 o'clock P M. and Recorded in Vol. 672 of Records on page 665
S. M. Peters
REGISTER
J. P.

RETURN TO
E. L. Anderson
4 & C, NW Ry Co
Appleton

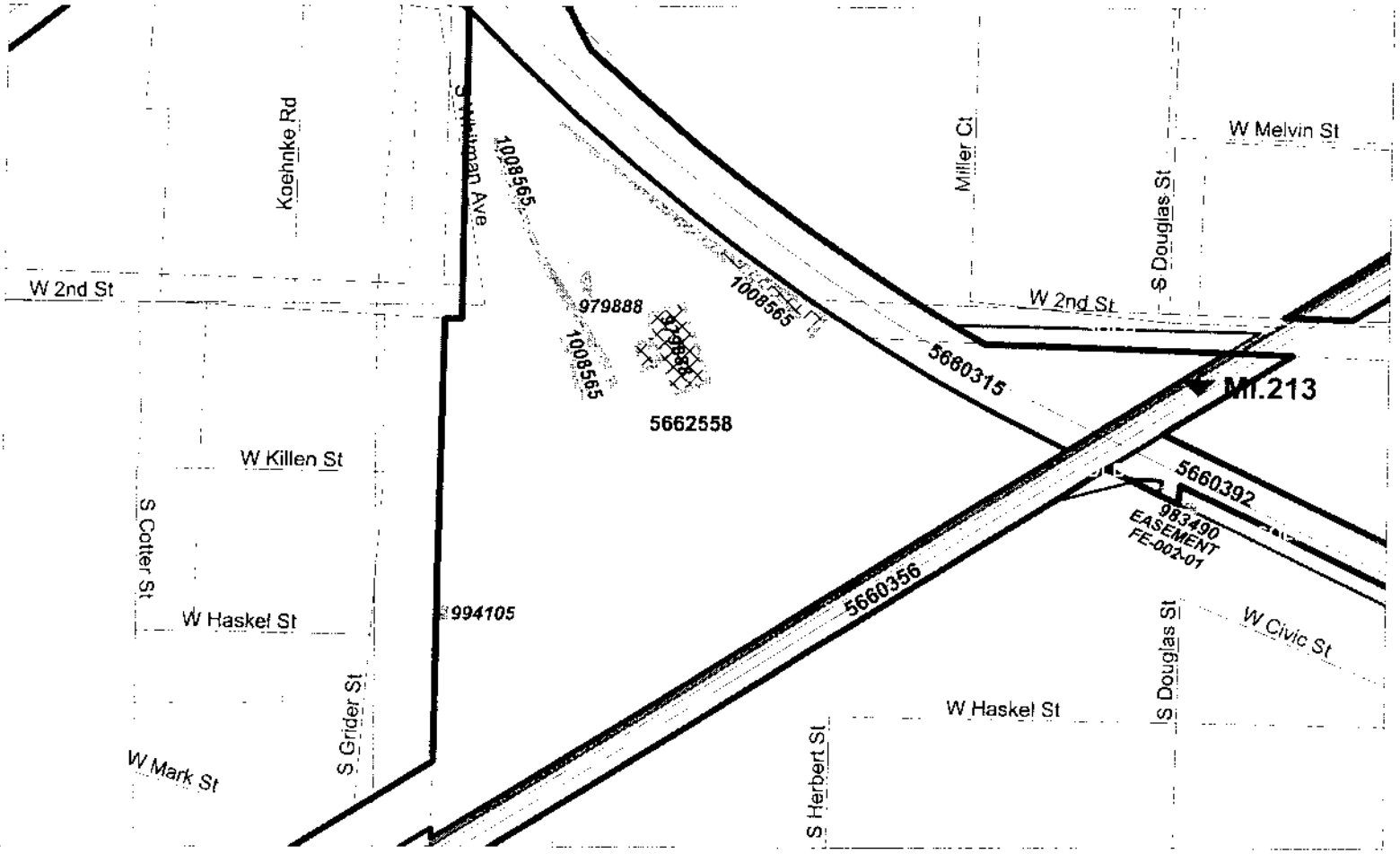
THIS INDENTURE, Made this 16th day of September A. D., 19 64 between Mabel Spoerl,

part y of the first part and Chicago and North Western Railway Company, a Wisconsin corporation,

part y of the second part,

Witnesseth, That the said part y of the first part, for and in consideration of the sum of One ($1.00) Dollar and other valuable considerations - - -

CNRP Inc BaseMap



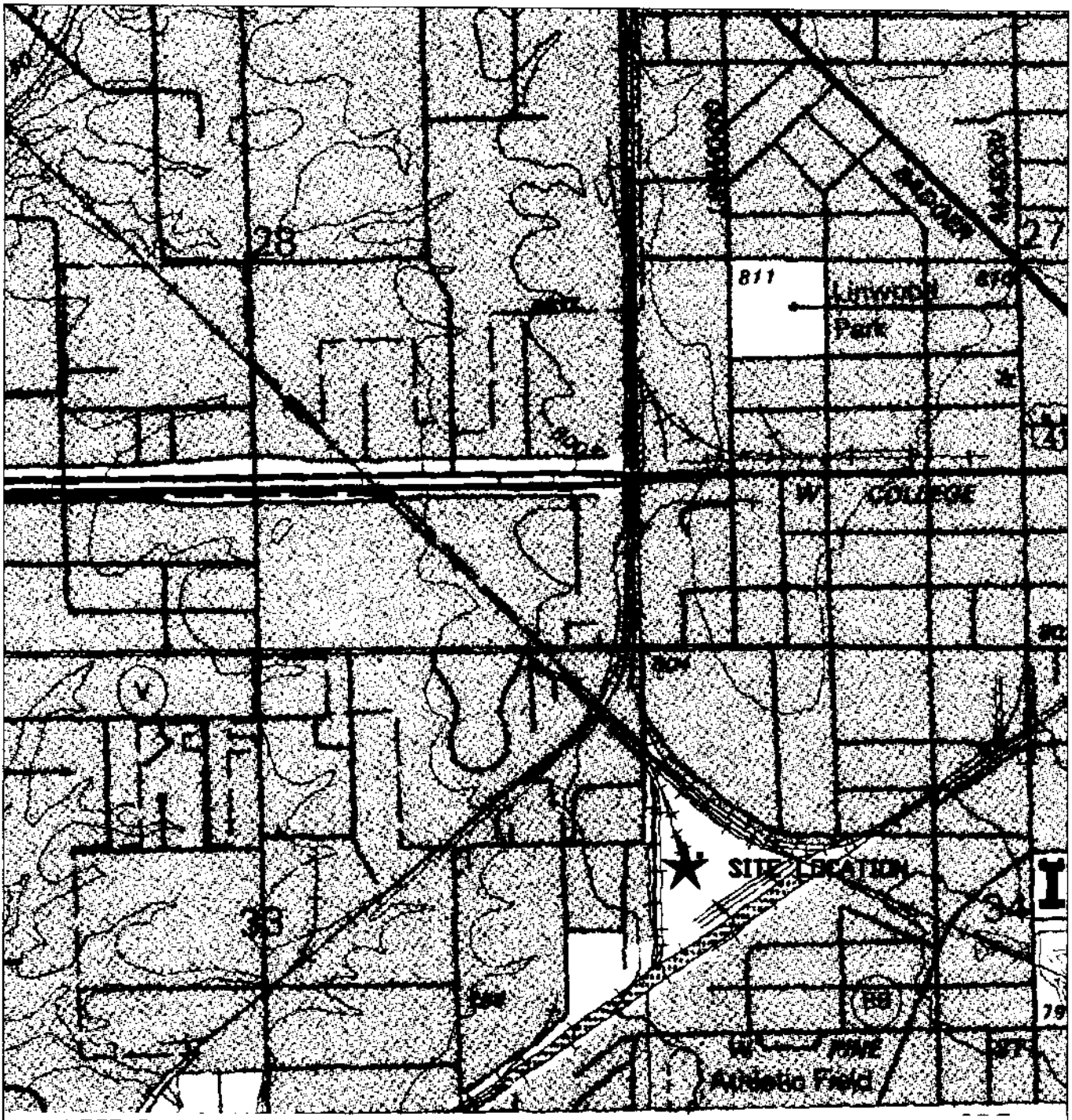
SCALE 1 : 3,707

200 0 200 400 600

FEET

Appleton, WI.

Wednesday, January 07, 2004 02:41 PM



LEGEND

★ **SITE LOCATION**

Source – USGS; Topographic Map; Appleton, Wisconsin Quadrangle; 1992

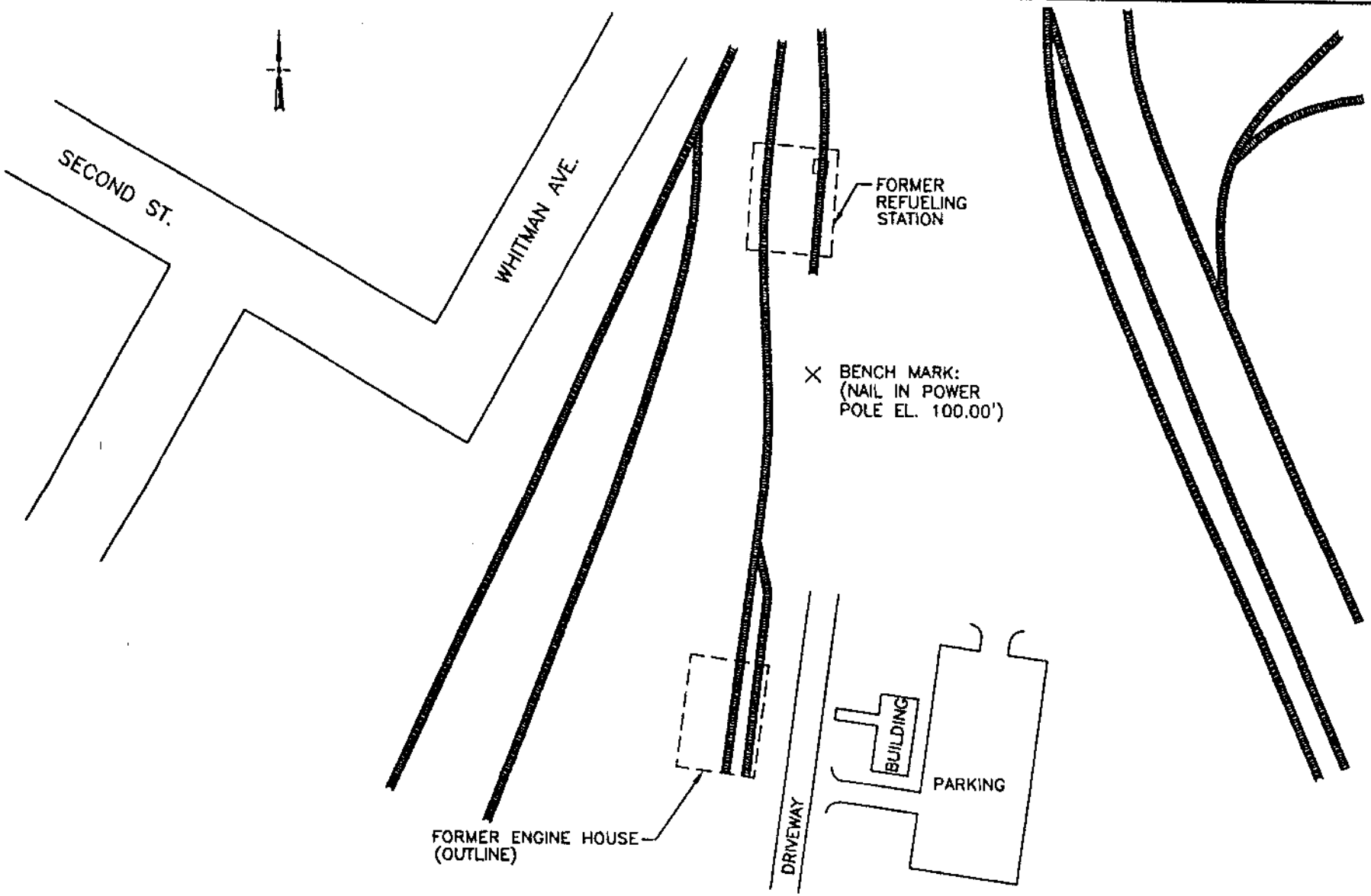
SCALE IN FEET

1,000 0 1,000

STS Consultants Ltd.
Consulting Engineers
2070 Omro Road
Oshkosh, WI 54904
920.235.0270

SITE LOCATION DIAGRAM
CN/WCRR APPLETON YARD
APPLETON, WISCONSIN

DESIGNED BY	AGM	6/13/02
DRAWN BY	AGM	6/13/02
APPROVED BY		
CADFILE	SCALE 1" = 1000'	
STS PROJECT NO. 22033XB	FIGURE NO. 1	



STS Consultants Ltd.
Consulting Engineers

INVESTIGATION AREAS
APPLETON YARD
APPLETON, WISCONSIN

DRAWN BY RAB	DATE 4-23-98
CHECKED BY RJM	DATE 4-23-98
APPROVED BY	DATE
CADFILE W:\DWGS\22033\XA\0433F002.DWG	

STS PROJECT NO. 22033XA
STS PROJECT FILE
SCALE 1"=100'
FIGURE NO. 2

TABLE 1
SOIL FIELD OBSERVATIONS AND PVOC LABORATORY RESULTS
APPLETON YARD - FORMER ENGINE HOUSE
APPLETON, WISCONSIN

Boring		Depth (feet)	FID (units)	PID (units)	Soil Description	Wet	Petroleum Odor	DRO (mg/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Total Xylenes (ug/kg)	1,2,4-TMB (ug/kg)	1,3,5-TMB (ug/kg)	MTBE (ug/kg)
B-10	S-1	0-2.0	6	1	Fill: Sa-Cl-Tr Topsoil	No	No	x	x	x	x	x	x	x	x
(3/18/97)	S-2	2.5-4.5	1	1	Rd Br Si Cl-Tr Fi Sa & Grv	"	"	<1.5	<9.0	<4.2	<4.5	<28	<9.9	<10	<22
	S-3	5.0-7.0	1	1	"	Yes	"	x	x	x	x	x	x	x	x
	S-4	7.5-9.5	1	1	"	"	"	x	x	x	x	x	x	x	x
B-11	–	0-2.0	–	–	Fill: Sa-Grv-Cl	No	Yes	x	x	x	x	x	x	x	x
(3/18/97)	S-1	2.5-4.5	110	13	Rd Br Si Cl-Tr To Little Sa	"	Slight	5.7	<9.0	<4.2	<4.5	<28	<9.9	<10	<22
	S-2	5.0-7.0	4	<1	"	Yes	No	x	x	x	x	x	x	x	x
	S-3	7.5-9.5	5	1	"	"	"	x	x	x	x	x	x	x	x
B-12	--	0-2.0	–	--	Fill: Dk Br Si Sa -Tr Topsoil	No	No	x	x	x	x	x	x	x	x
(3/19/97)	S-1	2.5-4.5	3	<1	Rd Br Si Cl-Tr Fi Sa & Grv	Yes	"	387	<9.0	<4.2	<4.5	<28	51	<10	<22
	S-2	5.0-7.0	<1	<1	"	"	"	x	x	x	x	x	x	x	x
	S-3	7.5-9.5	<1	<1	"	"	"	x	x	x	x	x	x	x	x
B-13	S-1	0-2.0	100	4	Fill: Blk Si Sa	Yes	Slight	x	x	x	x	x	x	x	x
(3/19/97)	S-2	2.5-4.5	600	53	Rd Br Si Cl-Tr Fi to Med Sa	"	"	1490	<90	<42	356	2784	8250	2380	<220
	S-3	5.0-7.0	200	30	"	"	"	x	x	x	x	x	x	x	x
	S-4	7.5-9.5	20	8	"	"	"	37	<9.0	<4.2	<4.5	27	68	82	<22
B-14	S-1	0-2.0	200	12	Fill: Med Sa-Tr Blk Cinders	No	No	x	x	x	x	x	x	x	x
(3/19/97)	S-2	2.5-4.5	20	<1	Br Si Cl-Tr Fi Sa & Roots	"	"	<1.9	<9.0	<4.2	<4.5	<28	<9.9	<10	<22
	S-3	5.0-7.0	6	<1	Rd Br Si Cl-Tr Fi Sa	"	"	x	x	x	x	x	x	x	x
	S-4	7.5-9.5	<1	<1	"	"	"	x	x	x	x	x	x	x	x
B-15	S-1	0-2.0	50	<1	Fill: Gry Blk Si & Sa	No	No	x	x	x	x	x	x	x	x
(3/19/97)	S-2	2.5-4.5	40	<1	"	"	"	<2.1	<9.0	<4.2	<4.5	<28	<9.9	<10	<22
	S-3	5.0-7.0	<1	<1	Rd Br Si Cl-Tr Fi Sa	"	"	x	x	x	x	x	x	x	x
	S-4	7.5-9.5	<1	<1	"	"	"	x	x	x	x	x	x	x	x
B-16	S-1	0-2.0	30	3	Fill: Blk Sa-Some Fi Grv	No	Slight	x	x	x	x	x	x	x	x
(3/19/97)	S-2	2.5-4.5	50	<1	"	"	No	5	<9.0	<4.2	<4.5	<28	<9.9	<10	<22
	S-3	5.0-7.0	10	<1	Rd Br Si Cl-Tr Fi Sa	Yes	"	x	x	x	x	x	x	x	x
	S-4	7.5-9.5	<1	<1	Br Sandy Silt-Tr Fi Grv	"	"	x	x	x	x	x	x	x	x
B-17	S-1	0-2.0	6	<1	Fill: Br Sa-Br Cl	No	No	x	x	x	x	x	x	x	x
(3/19/97)	S-2	2.5-4.5	5	<1	Br Si Cl-Tr Fi Sa	"	"	<2.2	<9.0	<4.2	<4.5	<28	<9.9	<10	<22
	S-3	5.0-7.0	4	<1	Rd Br Si Cl-Tr Fi Sa	Yes	"	x	x	x	x	x	x	x	x
	S-4	7.5-9.5	<1	<1	"	"	"	x	x	x	x	x	x	x	x
B-18	S-1	0.5-2.5*	8	1	Fill: sand and gravel	No	No	x	< 32	< 32	37	36	< 32	< 32	< 32
(4/8/98)	S-2	2.5-4.5	9	1	Rd Br Si Cl	Moist	No	x	x	x	x	x	x	x	x
	S-3	5.0-7.0	9	1	Rd Br Si Cl	Moist	No	x	x	x	x	x	x	x	x
	S-4	7.5-9.5	9	<1	Rd Br Si Cl	Moist	No	x	x	x	x	x	x	x	x
B-19	S-1	0.5-2.5	10	5	Fill: sand and gravel	No	No	x	< 29	< 29	< 29	< 58	< 29	< 29	< 29
(4/8/98)	S-2	2.5-4.5	8	4	Rd Br Si Cl	Moist	No	x	x	x	x	x	x	x	x
B-20	S-1	1.0-2.5	510	262	Fill: sand and gravel	No	Yes	x	< 1233	< 1233	2250	1909	20518	< 1233	< 1233
(4/8/98)	S-2	2.5-4.5	480	270	Rd Br Si Cl	Moist	Yes	x	x	x	x	x	x	x	x
B-21	S-1	0.5-2.5	38	2	Fill: sand and gravel	No	No	x	< 29	< 29	< 29	< 58	< 29	< 29	< 29
(4/8/98)	S-2	2.5-4.5	9	1	Rd Br Si Cl	Moist	No	x	x	x	x	x	x	x	x
NR720 Generic RCLs								250	5.5	1,500	2,900	4,100	NE	NE	NE
Site Specific Direct Contact - Inhalation Pathway									0.80	1,700,000	5,600,000	1,700,000	57,000	48,000	
Site Specific Direct Contact - Ingestion Pathway									22,000	16,000,000	780,000	160,000,000	3,900,000	3,900,000	

Notes:
X = Not Analyzed
FID = Flame Ionization Detector
PID = Photoionization Detector

DRO = Modified Diesel Range Organics
TMB = Trimethylbenzene
MTBE = Methyl tert Butyl Ether

387 NR 720 RCL Exceedance
Br = Brown
Rd = Red

Si = Silty
Sa = Sand
Cl = Clay

Grv = Gravel
Blk = Black
Dk = Dark
Tr = Trace

T033A700.XLS

TABLE 2
SOIL PAH LABORATORY RESULTS
APPLETON YARD - FORMER ENGINE HOUSE
APPLETON, WISCONSIN

Parameter	Units	B-10 S-2, 2.5-4.5' (3/18/97)	B-11 S-1, 2.5-4.5' (3/18/97)	B-13A S-1, 0.0-2.0 (6/9/98)	B-13A S-2, 2.5-4.5 (6/9/98)	B-18 S-1, 0.5-2.5' (4/8/98)	B-19 S-1, 0.5-2.5' (4/8/98)	B-20 S-1, 1.0-2.5' (4/8/98)	B-21 S-1, 0.5-2.5' (4/8/98)	Non-Industrial Direct Contact Pathway	Industrial Direct Contact Pathway
Acenaphthene	(mg/kg)	<0.072	<0.082	0.222	1.300	< 0.0044	< 0.0043	0.820	< 0.0042	900	60000
Acenaphthylene	(mg/kg)	<0.067	<0.076	<0.048	<0.240	< 0.0032	< 0.0031	< 0.0033	< 0.0031	18	360
Anthracene	(mg/kg)	0.288	0.0061	0.260	0.630	< 0.0012	< 0.0012	< 0.0012	< 0.0011	5000	300000
Benzo(A)Anthracene	(mg/kg)	0.247	<0.006	0.200	<0.230	< 0.0024	0.0036	< 0.0025	< 0.0023	0.88*	3.9
Benzo(A)Pyrene	(mg/kg)	0.147	<0.012	<0.068	<0.340	< 0.0024	0.0108	< 0.0025	< 0.0023	0.088*	0.39
Benzo(B)Fluoranthene	(mg/kg)	0.123	<0.0071	<0.092	<0.460	0.0115	0.0285	< 0.0012	< 0.0011	0.88*	3.9
Benzo(K)Fluoranthene	(mg/kg)	0.067	<0.013	<0.100	<0.480	0.00511	0.00893	< 0.0012	< 0.0011	0.88	39
Benzo(G,H,I)Perylene	(mg/kg)	0.015	<0.013	<0.068	<0.290	0.00714	0.0167	< 0.0021	< 0.0019	1.8	39
Chrysene	(mg/kg)	0.273	<0.0053	0.370	<0.420	< 0.0016	< 0.0015	< 0.0016	< 0.0015	8.8	390
Dibenzo (A,H) Anthracene	(mg/kg)	<0.013	<0.015	<0.038	<0.180	< 0.0024	< 0.0023	< 0.0025	< 0.0023	0.088*	0.39
Fluoranthene	(mg/kg)	1.050	0.021	0.460	<0.380	0.0334	0.0499	< 0.0016	< 0.0015	600	40000
Fluorene	(mg/kg)	0.271	<0.0032	0.300	2.100	< 0.0016	< 0.0015	1.02	< 0.0015	600	40000
Indeno(1,2,3-CD)Pyrene	(mg/kg)	0.047	<0.0065	<0.036	<0.180	0.007	0.0125	< 0.0016	< 0.0015	0.88*	3.9
1-Methylnaphthalene	(mg/kg)	0.100	<0.054	1.400	39.000	0.00525	0.0164	14.5	< 0.0023	1100	70000
2-Methylnaphthalene	(mg/kg)	0.253	<0.053	0.890	39.000	0.0091	0.0277	25.0	< 0.0026	600	40000
Naphthalene	(mg/kg)	0.490	<0.042	0.500	10.000	0.00311	0.00581	3.48	< 0.0019	20	110
Phenanthrene	(mg/kg)	0.782	0.0094	1.000	6.400	0.02020	<0.0031	4.00	< 0.0031	18	390
Pyrene	(mg/kg)	1.060	<0.022	0.900	<0.450	< 0.0068	<0.0066	< 0.007	< 0.0065	500	30000

Notes:

0.147 Interim PAH Residual Contaminant Level Non-Industrial Direct Contact Pathway Exceedance

* As allowed in S. NR 720.19(s) 1, the excess cancer risk was increased from 10-7 to 10-6 for these non-industrial direct contact RCLs

TABLE 3
GROUNDWATER FIELD DATA SUMMARY
APPLETON YARD - FORMER ENGINE HOUSE
APPLETON, WISCONSIN

Monitoring Well	Date Sampled	TPVC Elevation* (feet)	Water Level TPVC (feet)	Water Elevation* (feet)	pH	Conductivity	Temperature °Celcius	Color	Odor	Gallons Purged
B-10	3/21/1997	101.20	3.80	97.40	6.77	1313	7.7	Clear	Slight	2
	3/28/1997	101.20	3.48	97.72	--	--	--	--	--	--
	5/14/1997	101.20	5.01	96.19	6.83	1184	9.2	Clear	None	1.3
	4/6/1998	101.37	4.61	96.76	--	--	--	Clear	None	3.5
	4/17/1998	101.37	4.19	97.18	6.66	1165	9.6	Clear	None	2.5
	8/24/1998	101.37	7.80	93.57	--	--	--	--	--	
B-11	3/21/1997	101.10	4.21	96.89	6.80	1250	7.2	Clear	None	1.5
	3/28/1997	101.10	3.58	97.52	--	--	--	--	--	--
	5/14/1997	101.10	5.40	95.70	6.90	1240	8	Clear	None	1.4
	4/6/1998	97.65	1.32	96.33	--	--	--	Clear	None	3.5
	4/17/1998	97.65	0.81	96.84	6.99	1040	9.2	Clear	None	2.5
	8/24/1998	97.65	h_2o > tpvc	--	--	--	--	--	--	
B-12	3/21/1997	100.55	3.55	97.00	6.85	1084	7.3	Clear	None	1.5
	3/28/1997	100.55	3.43	97.12	--	--	--	--	--	--
	5/14/1997	100.55	4.37	96.18	6.80	1225	8.4	Clear	None	1.3
	4/6/1998	100.76	4.10	96.66	--	--	--	Clear	None	3.5
	4/17/1998	100.76	4.02	96.74	7.39	945	10.4	Clear	None	3.5
	8/24/1998	100.76	7.45	93.31	--	--	--	--	--	
B-13	3/21/1997	101.04	4.96	96.08	6.87	1168	7.7	Clear	Slight	1.5
	3/28/1997	101.04	7.42	93.62	--	--	--	--	--	--
	5/14/1997	101.04	3.69	97.35	6.48	1350	8.5	Clear	None	1.2
	4/6/1998	97.58	h_2o > tpvc	--	--	--	--	Clear	None	3.5
	4/17/1998	97.58	2.03	95.55	6.92	1122	10.1	Clear	None	3
	8/24/1998	97.58	1.97	95.61	6.84	1391	25.5	Clear	Pos	2.5
B-16A	4/17/1998	98.28	1.56	96.72	7.10	1002	11	Clear	Slight	5
	8/24/1998	98.28	2.97	95.31	--	--	--	--	--	
B-17	3/21/1997	101.20	4.91	96.29	6.88	1214	7.2	Clear	None	1.5
	3/28/1997	101.20	4.18	97.02	--	--	--	--	--	--
	5/14/1997	101.20	5.85	95.35	6.95	1200	8.9	Clear	None	1.2
	4/6/1998	97.70	2.01	95.69	--	--	--	Clear	None	3.5
	4/17/1998	97.70	1.59	96.11	6.45	974	10.3	Clear	None	2.5
	8/24/1996	97.70	3.46	94.24	6.80	1152	23.0	Clear	None	2.5
B-18	4/17/1998	98.01	1.19	96.82	6.00	743	10.9	Clear	None	5
	8/24/1998	98.01	6.02	91.99	--	--	--	--	--	
B-20A	8/24/1998	97.34	5.13	92.21	7.41	1107	22.3	Clear	None	3

Notes:
* Elevation referenced to arbitrary elevation of +100.00'
TPVC = top of PVC casing

Monitoring Wells B-11, B-13, and B-17 were flush mounted in 1997.
**TPVC elevations were re-established in April 1998

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TABLE 3
GROUNDWATER FIELD DATA SUMMARY
APPLETON YARD - FORMER REFUELING STATION
APPLETON, WISCONSIN

Monitoring Well	Well Screen Elevation (feet)	Sand Pack Elevation (feet)	Date Sampled	TPVC Elevation* (feet)	Water Level TPVC (feet)	Water Elevation (feet)	Pre Purge DO (mg/L)	Post Purge DO (mg/L)	Ferrous Iron (mg/L)	pH	Conductivity	Temperature °Celcius	Color	Odor
MW-1	94.4 to 84.4	96.4 to 83.9	11/6/1996	99.17	2.61	96.56	--	--	--	7.41	1713	13.5	Clear	None
			4/6/1998	99.29	2.24	97.05	--	--	--	--	--	--	Clear	None
			3/27/2000	99.29	2.70	96.59	1.0	1.0	0.1	6.78	1530	9.6	Clear	None
			2/18/2002	99.29	2.27	97.02	--	1.0	0.1	--	--	--	Clear	None
			9/10/2002	99.29	5.14	94.15	--	<1.0	4	--	--	--	Clear	None
MW-2	93.3 to 83.3	95.3 to 82.8	11/6/1996	98.12	4.24	93.88	--	--	--	6.82	1515	14.6	Clear	None
			4/6/1998	98.77	3.21	95.56	--	--	--	--	--	--	Clear	None
			3/27/2000	98.77	4.34	94.43	1.0	1.0	0.1	6.76	1300	9.1	Clear	None
			2/18/2002	98.77	4.29	94.48	--	1.0	0.1	--	--	--	Clear	None
			9/10/2002	98.77	4.61	94.16	--	1.5	0.2	--	--	--	Clear	None
MW-3	94.9 to 84.9	96.9 to 84.4	11/6/1996	99.73	4.67	95.06	--	--	--	7.45	1277	14.5	Clear	None
			4/6/1998	99.76	1.42	98.34	--	--	--	--	--	--	Clear	None
			3/27/2000	99.76	1.58	98.18	<1.0	1.0	0.1	6.94	1160	9.0	Clear	None
			2/18/2002	99.76	2.76	97.00	--	1.0	0.3	--	--	--	Clear	None
			9/10/2002	99.76	2.84	96.92	--	1.0	0.2	--	--	--	Clear	None
MW-4	94.3 to 84.3	96.3 to 83.8	11/6/1996	99.08	2.77	96.31	--	--	--	7.36	1278	13.4	Clear	None
			4/6/1998	99.20	1.60	97.60	--	--	--	--	--	--	Clear	None
			3/27/2000	99.20	1.34	97.86	<1.0	1.0	3.0	6.83	1050	8.6	Clear	Possible
			2/18/2002	99.20	3.03	96.17	--	2.0	8.0	--	--	--	Clear	Possible
			9/10/2002	99.20	3.07	96.13	--	1.0	5.0	--	--	--	Clear	None

* Elevation referenced to arbitrary elevation of +100.00'

**Elevations were re-established 4/6/98

TPVC = top of PVC casing

TABLE 4
GROUNDWATER ANALYTICAL RESULTS
APPLETON STATION - FORMER ENGINE HOUSE
APPLETON, WISCONSIN

	Units	B-10			B-11			B-12			B-13				B-16A	B-17				B-18	B-20A	ES	PAL
		3/21/1997	5/14/1997	4/17/1998	3/21/1997	5/14/1997	4/17/1998	3/21/1997	5/14/1997	4/17/1998	3/21/1997	5/14/1997	4/17/1998	8/24/1998	4/17/1998	3/21/1997	5/14/1997	4/17/1998	8/24/1998	4/17/1998	8/24/1998	µg/L	µg/L
VOCs																							
Benzene	µg/L	6.2	0.98	< 0.5	8.8	2.2	< 0.5	<0.4	<0.21	< 0.5	6.7	1.9	0.545	<0.5	< 0.5	<0.4	<0.21	< 0.5	<0.5	< 0.5	<0.5	5	0.5
Methyl tert Butyl Ether	µg/L	X	<0.21	<1.0	X	<0.21	<1.0	X	<0.21	<1.0	X	<0.21	<1.0	<1.0	<1.0	X	<0.21	<1.0	<1.0	<1.0	4.74	12	60
n-Butylbenzene	µg/L	<0.5	7.5	X	<0.5	0.86	X	<0.5	<0.38	X	8.2	6.3	X	X	X	<0.5	<0.38	< 1.0	X	< 1.0	X	--	--
sec-Butylbenzene	µg/L	<0.2	<0.6	X	<0.2	0.75	X	<0.2	<0.6	X	5.6	4.5	X	X	X	<0.2	<0.6	< 1.0	X	< 1.0	X	--	--
tert-Butylbenzene	µg/L	<0.4	<0.42	X	<0.4	<0.42	X	<0.4	<0.42	X	<0.4	1.7	X	X	X	<0.4	<0.42	< 1.0	X	< 1.0	X	--	--
1,1-Dichloroethane	µg/L	<0.3	<0.13	X	<0.3	<0.31	X	<0.3	<0.13	X	<0.3	<0.31	X	X	X	0.8	0.69	< 1.0	X	< 1.0	X	850	85
cis 1,2-Dichloroethylene	µg/L	<0.3	<0.32	X	<0.3	<0.32	X	<0.3	<0.32	X	<0.3	<0.32	X	X	X	27	26	17.4	14.4	< 2.0	<2.0	70	7
trans 1,2-Dichloroethylene	µg/L	<0.3	<0.11	X	<0.3	<0.11	X	<0.3	<0.11	X	<0.3	<0.11	X	X	X	0.8	1.1	< 1.0	X	< 1.0	X	100	20
Ethylbenzene	µg/L	3.6	4.5	2.38	2.1	<0.68	< 1.00	<0.2	<0.68	< 1.00	9.9	12	4.26	2.54	< 1.00	<0.2	<0.68	< 1.0	<1.00	< 1.0	<1.0	700	140
Isopropylbenzene	µg/L	0.6	1	X	<0.2	<0.38	X	<0.2	<0.38	X	4.1	4	X	X	X	<0.2	0.39	< 1.0	X	< 1.0	X	--	--
p-Isopropyltoluene	µg/L	0.5	13	X	<0.4	<0.37	X	<0.4	<0.37	X	<0.4	4.5	X	X	X	<0.4	<0.37	< 1.0	X	< 1.0	X	--	--
n-Propylbenzene	µg/L	<0.2	<0.4	X	<0.2	<0.4	X	<0.2	<0.4	X	<0.2	4.7	X	X	X	<0.2	<0.4	< 1.0	X	< 1.0	X	--	--
Tetrachloroethene	µg/L	<0.2	<0.13	X	<0.2	0.57	X	<0.2	<0.13	X	<0.2	<0.13	X	X	X	<0.2	<0.13	< 1.0	X	< 1.0	X	--	--
Toluene	µg/L	13	2.91	1.09	14	3.6	< 1.00	<0.4	<1.5	< 1.00	0.9	<1.5	< 1.00	<1.00	< 1.00	<0.4	<1.5	< 1.0	<1.00	< 1.0	<1.0	343	68.6
1,2,4-Trimethylbenzene	µg/L	8.3	25	14.3	2.0	<1	< 1.00	0.8	<1	< 1.00	16	17	2.14	1.36	5.86	<0.5	<1	< 1.0	<1.00	< 1.0	<1.0	--	--
1,3,5 Trimethylbenzene	µg/L	4.2	12	5.96	1.2	0.9	< 1.00	<0.4	<0.86	< 1.00	0.6	1.2	< 1.00	<1.00	2.42	<0.4	<0.86	< 1.0	<1.00	< 1.0	<1.0	--	--
Vinyl Chloride	µg/L	<0.1	<0.045	X	<0.1	<0.045	X	<0.1	<0.045	X	<0.1	<0.045	X	X	X	<0.1	0.139 J	< 0.2	X	< 0.2	X	--	--
Total Xylene	µg/L	18.6	31	13.73	8.6	3.4	< 2.00	0.5	<1.78	< 2.00	5.9	4.5	< 2.00	<2.00	3.89	0.5	<1.2	< 2.0	<2.0	< 2.0	<2.0	620	124
PAHs																							
Acenaphthene	µg/L	<1.4	190	39.6	<1.8	0.31	< 0.11	<2.3	<0.25	< 0.11	<1.6	5	< 0.11	<0.11	< 0.11	<1.5	<0.25	< 0.22	<0.11	< 0.11		--	--
Anthracene	µg/L	3.9	4	< 0.03	<0.13	<0.04	< 0.03	<0.17	<0.04	< 0.03	<0.12	<0.04	< 0.03	<0.03	0.67	<0.11	<0.04	< 0.06	<0.03	< 0.03	<0.06	--	--
Benzo(a)anthracene	µg/L	<0.11	0.29	< 0.06	<0.13	<0.27	< 0.06	<0.17	<0.27	< 0.06	<0.12	<0.27	< 0.06	<0.06	< 0.06	<0.11	<0.27	< 0.12	<0.06	< 0.06	<0.12	--	--
Benzo(a)Pyrene	µg/L	0.35	<0.07	< 0.06	<0.26	<0.07	< 0.06	<0.34	<0.07	< 0.06	<0.24	<0.07	< 0.06	<0.06	< 0.06	<0.22	<0.07	< 0.12	<0.06	< 0.06	<0.12	0.2	0.02
Benzo(k)fluoranthene	µg/L	<0.13	0.06	< 0.03	<0.28	<0.008	0.19	<0.37	<0.008	< 0.03	<0.26	<0.008	< 0.03	<0.03	< 0.03	<0.24	<0.008	< 0.06	<0.03	< 0.03	<0.06	--	-
Chrysene	µg/L	1.4	<0.7	< 0.04	<0.11	<0.07	0.68	<0.15	<0.07	< 0.04	<0.10	<0.7	< 0.04	<0.04	< 0.04	<0.095	<0.7	< 0.08	<0.04	< 0.04	<0.08	--	--
Fluoranthene	µg/L	4.0	7.0	< 0.04	<0.28	<1.3	3.13	<0.37	<1.3	< 0.04	<0.26	<1.3	< 0.04	<0.04	< 0.04	<0.24	<1.3	< 0.08	<0.04	< 0.04	<0.08	--	--
Fluorene	µg/L	27	60	1.8	<0.070	<0.6	0.63	<0.091	<0.6	< 0.04	<0.063	<0.6	0.72	<0.04	0.82	<0.058	<0.6	< 0.08	<0.04	< 0.04	<0.08	400	80
1-Methylnaphthalene	µg/L	46	170	54.4	<1.2	0.5	< 0.06	<1.5	<0.2	< 0.06	39	60	< 0.06	4.77	4.84	<0.98	<0.2	< 0.12	<0.06	< 0.06	<0.12	--	--
2-Methylnaphthalene	µg/L	<0.93	60	< 0.07	<1.1	0.26	< 0.07	2.7	<0.19	< 0.07	64	23	< 0.07	<0.07	0.44	1.4	<0.19	< 0.14	<0.07	< 0.07	<0.14	--	--
Naphthalene	µg/L	93	260	< 0.05	<0.91	<0.6	< 0.05	<1.2	<0.06	< 0.05	27	23	< 0.05	<0.05	< 0.05	1.1	0.22	< 0.1	<0.05	< 0.05	<0.1	40	8
Phenanthrene	µg/L	25	60	22.9	<0.14	<0.17	1.42	<0.19	<0.17	< 0.08	1.0	<0.17	< 0.08	<0.08	< 0.08	<0.12	<0.17	< 0.16	<0.08	< 0.08	<0.16	--	--
Pyrene	µg/L	5.7	5	< 0.17	<0.48	<0.18	2.18	<0.63	<0.18	< 0.17	<0.44	<0.18	< 0.17	<0.17	< 0.17	<0.40	<0.18	< 0.34	<0.17	< 0.17	<0.34	--	--

Notes:
In 1997, wells were purged and sampled with bailers. Beginning in 1998, wells were purged using low flow technique and sampled with bailers.
X = Not analyzed
ES = NR 140 Enforcement Standard Established August 1995
PAL = NR 140 Preventive Action Limit Established August 1995
22 NR 140 Enforcement Standard Exceedance
22 NR 140 Preventive Action Limit Exceedance
Compounds not listed were not detected

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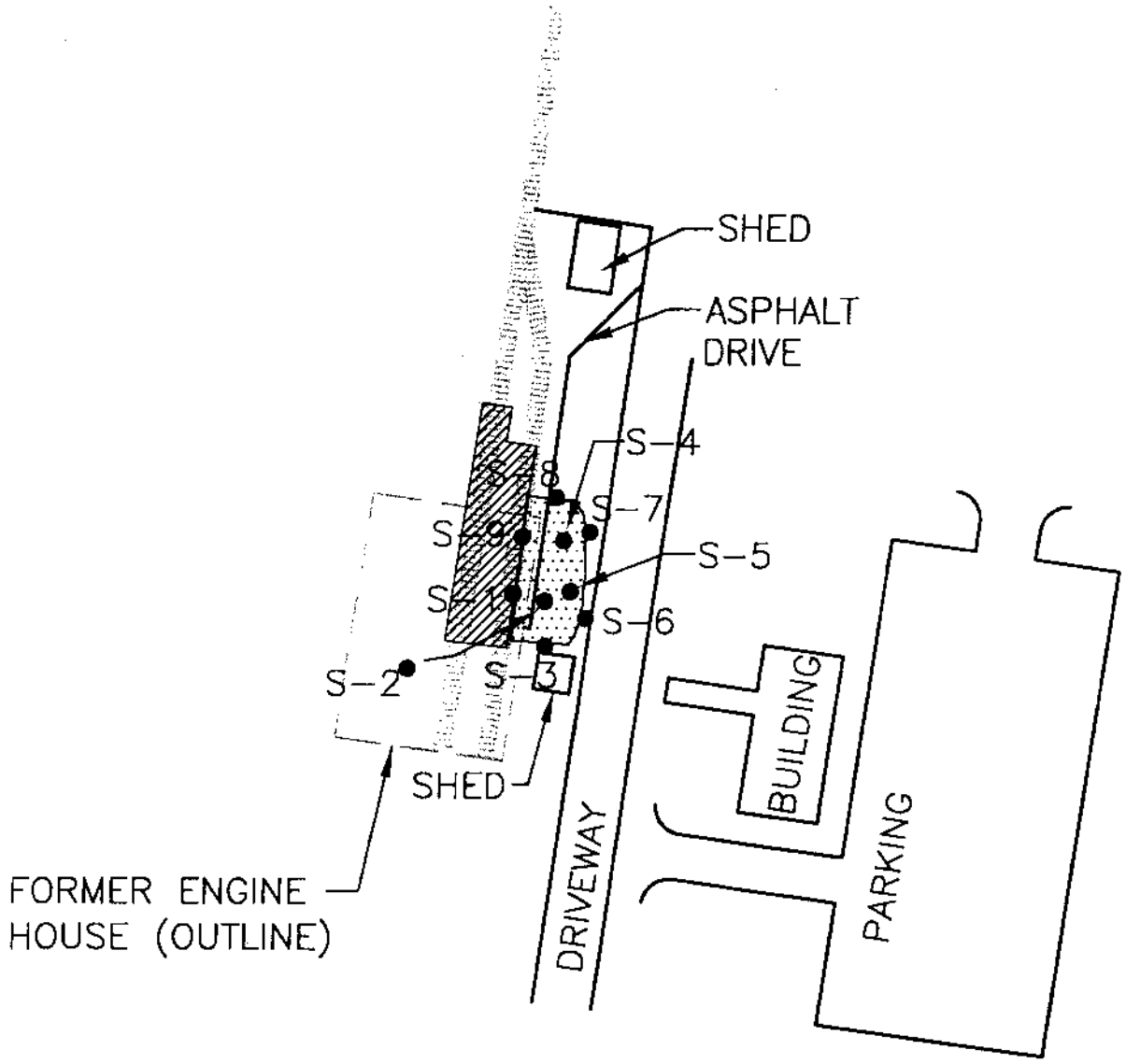
Table 5
Soil Field Observations and DRO Laboratory Results
(12/16/03 Excavation)
Appleton Yard - Former Engine House
Appleton, Wisconsin

Sample No.	Sample Location	Depth	PID	Odor	DRO (mg/kg)	Material
S-1	West side wall	2.0 - 3.0	5.0	None	ND[1]	Fill: clay & organics
S-2	Base	3.0 - 3.5	8.0	None	ND	Clay
S-3	South side wall	2.0 - 3.0	<1.0	None	ND	Clay
S-4	Base	3.0 - 3.5	<1.0	None	Not Tested	Clay
S-5	Land fill confirmation sample 1 - removed material	2.0 - 3.0	15.5	Slight	Not Tested	Breaker run and free product
S-6	East side wall	2.0 - 3.0	3.7	None	Not Tested	Fill: brown clay with topsoil
S-7	East side wall	1.0 - 2.0	4.0	None	ND	Fill: brown clay with topsoil
S-8	North side wall	2.0 - 3.0	4.5	None	120	Fill: brown clay with topsoil
S-9	West side wall	2.0 - 3.0	3.5	None	Not Tested	Fill: brown clay with topsoil

1. ND - Not detected at or above adjusted reporting limit.



TRACK REHABILITATION– SOIL REMOVAL (TOP 1 to 2')

APPROXIMATE LIMIT OF FREE–PHASED PETROLEUM EXCAVATION

RAIL ROAD TRACKS

•S–3 SAMPLE LOCATION

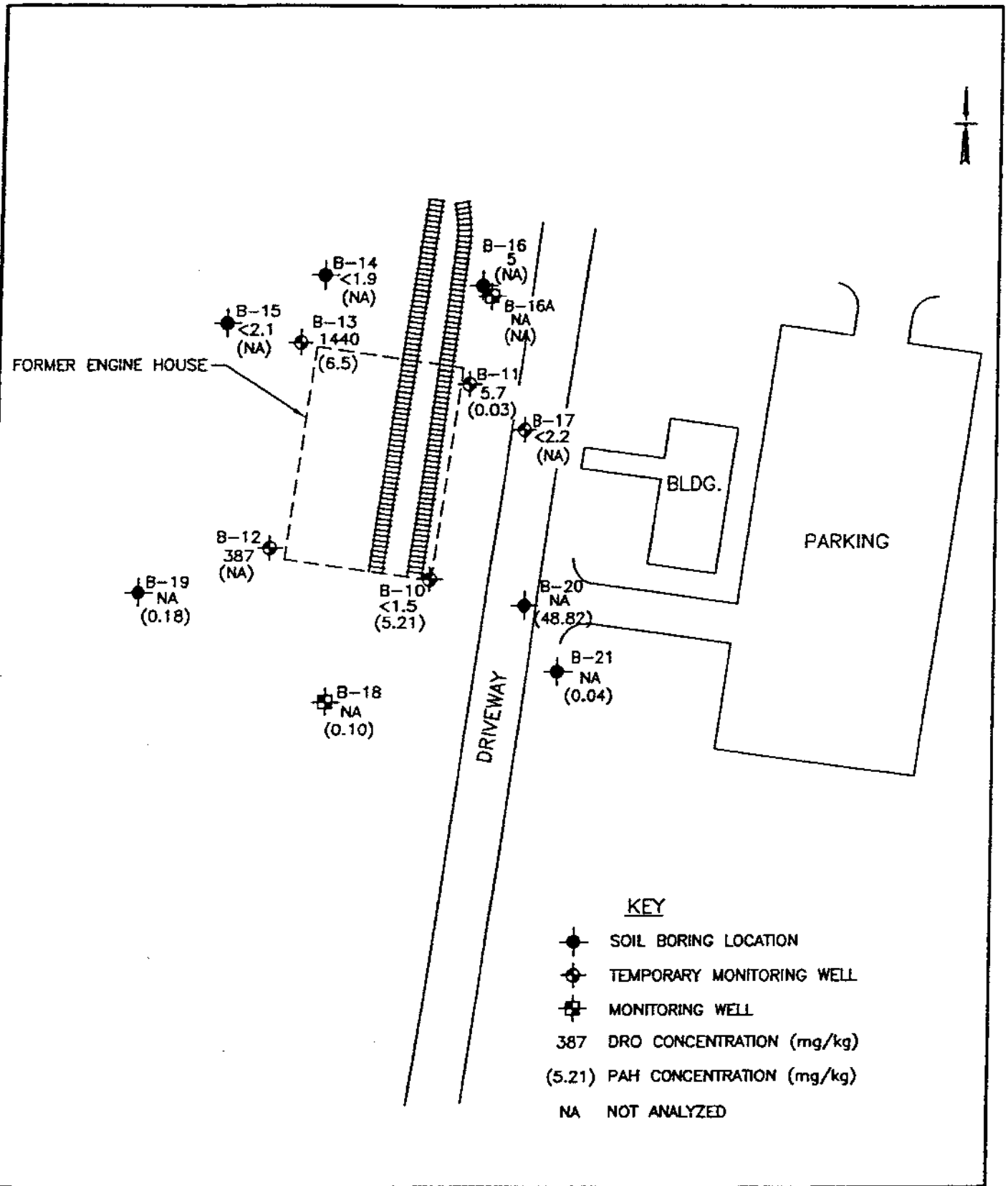
SCALE IN FEET

80' 0 80'

STS Consultants Ltd.
Consulting Engineers
2070 Omro Road
Oshkosh, WI 54904
920.235.0270

EXCAVATION LOCATION DIAGRAM
WISCONSIN CENTRAL LTD. APPLETON YARD
APPLETON, WISCONSIN

DESIGNED BY	AGM	8/12/02
DRAWN BY	REO	8/12/02
APPROVED BY	JMT	
CADFILE	SCALE 1"=80'	
STS PROJECT NO. 22033XC	FIGURE NO. 3	



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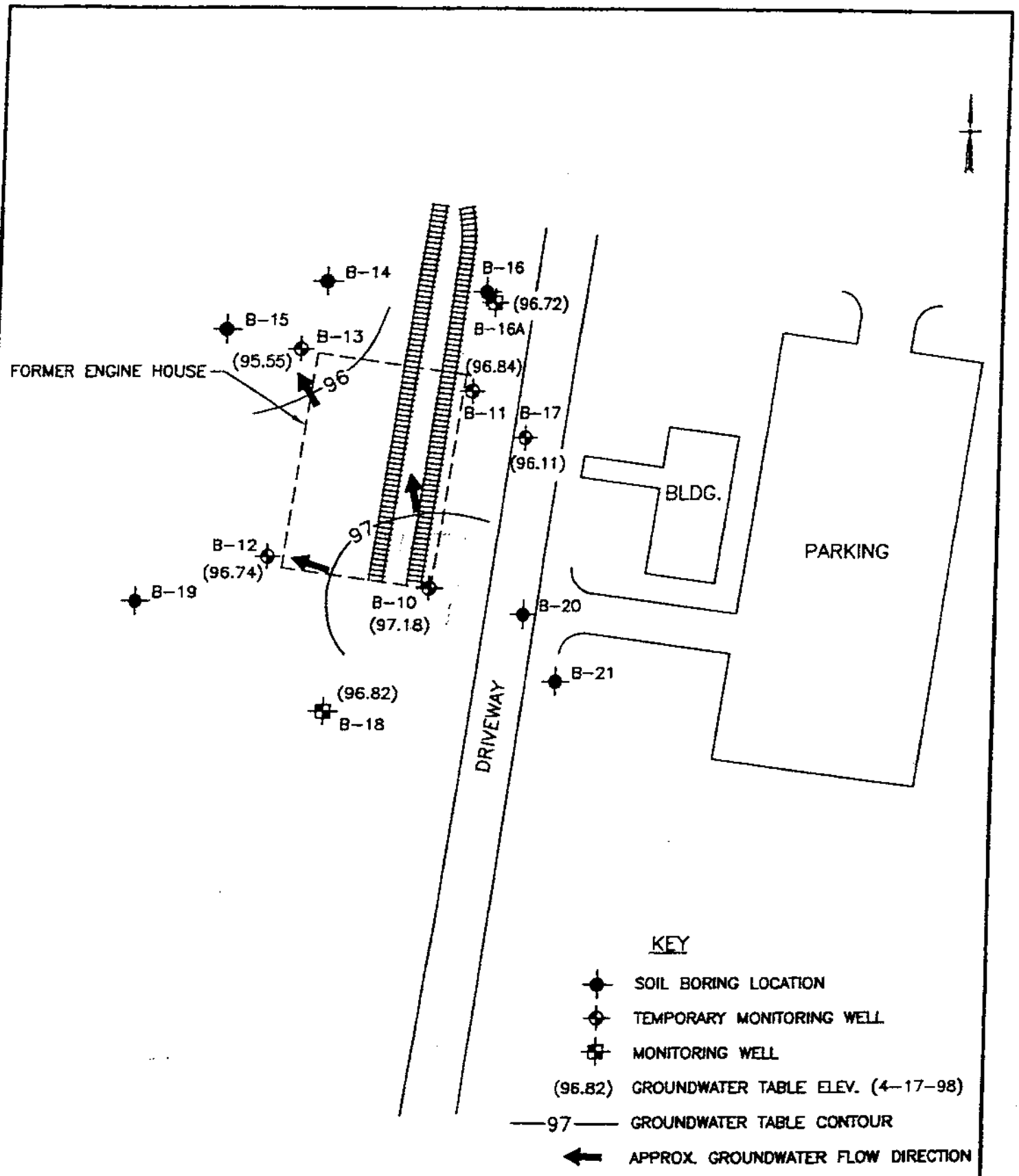
PROJECT/CLIENT

FORMER ENGINE HOUSE
APPLETON, WISCONSIN

DRO AND PAH CONCENTRATIONS
(0' to 2' BELOW GROUND SURFACE)

DRAWN BY	RAB	4-23-98
CHECKED BY	RJM	4-23-98
APPROVED BY	MAB	6-11-98
SCALE 1"= 50'	FIGURE NO. 4	
STS DRAWING NO. W:\DWG98\22033\XA\0433F004.DWG		



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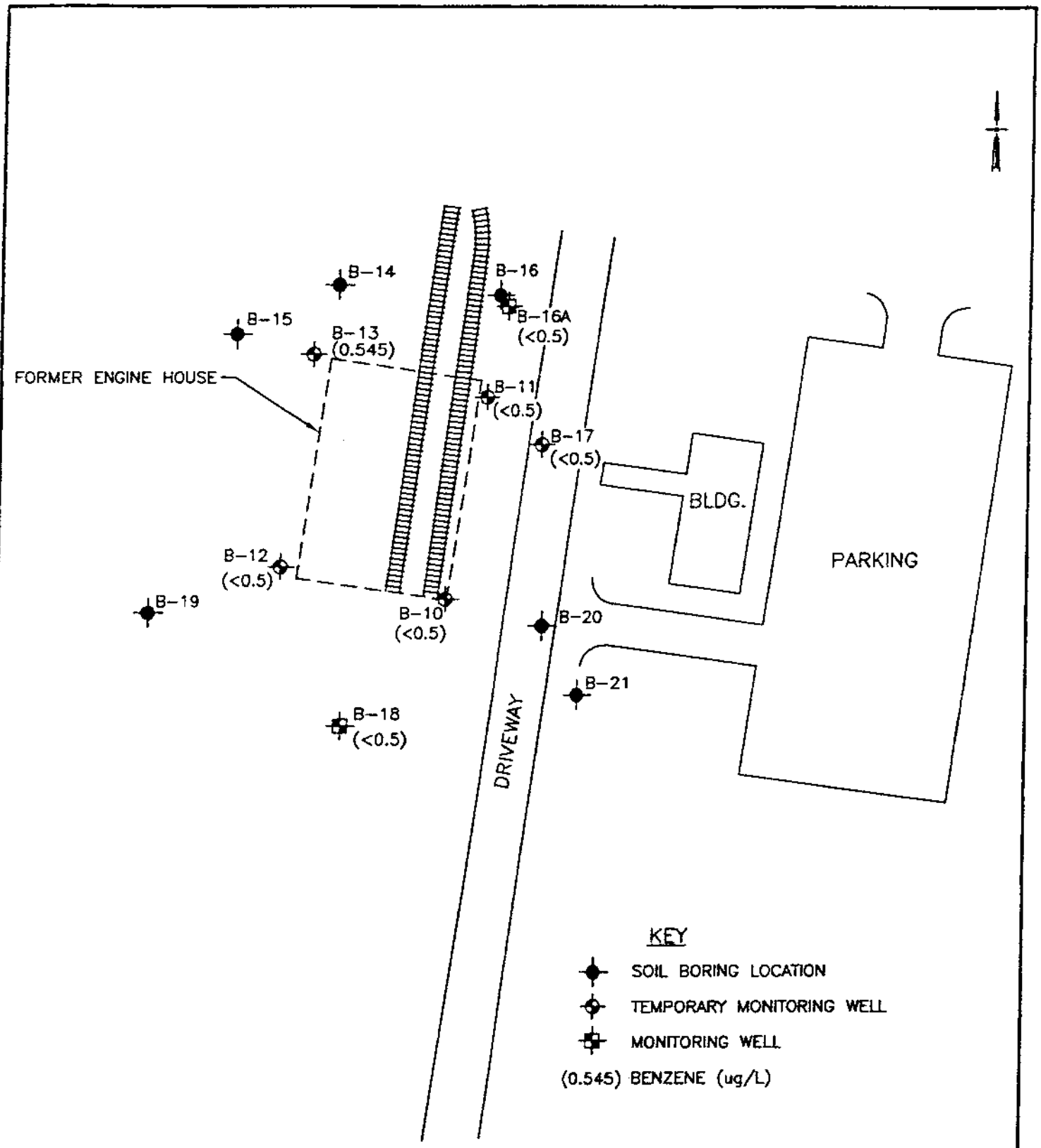
PROJECT/CLIENT

FORMER ENGINE HOUSE
APPLETON, WISCONSIN
GROUNDWATER TABLE CONTOUR MAP (4-17-98)

DRAWN BY	RAB	4-23-98
CHECKED BY	RJM	4-23-98
APPROVED BY	MAB	6-11-98
SCALE 1"= 50'	FIGURE NO. 5	
STS DRAWING NO.		



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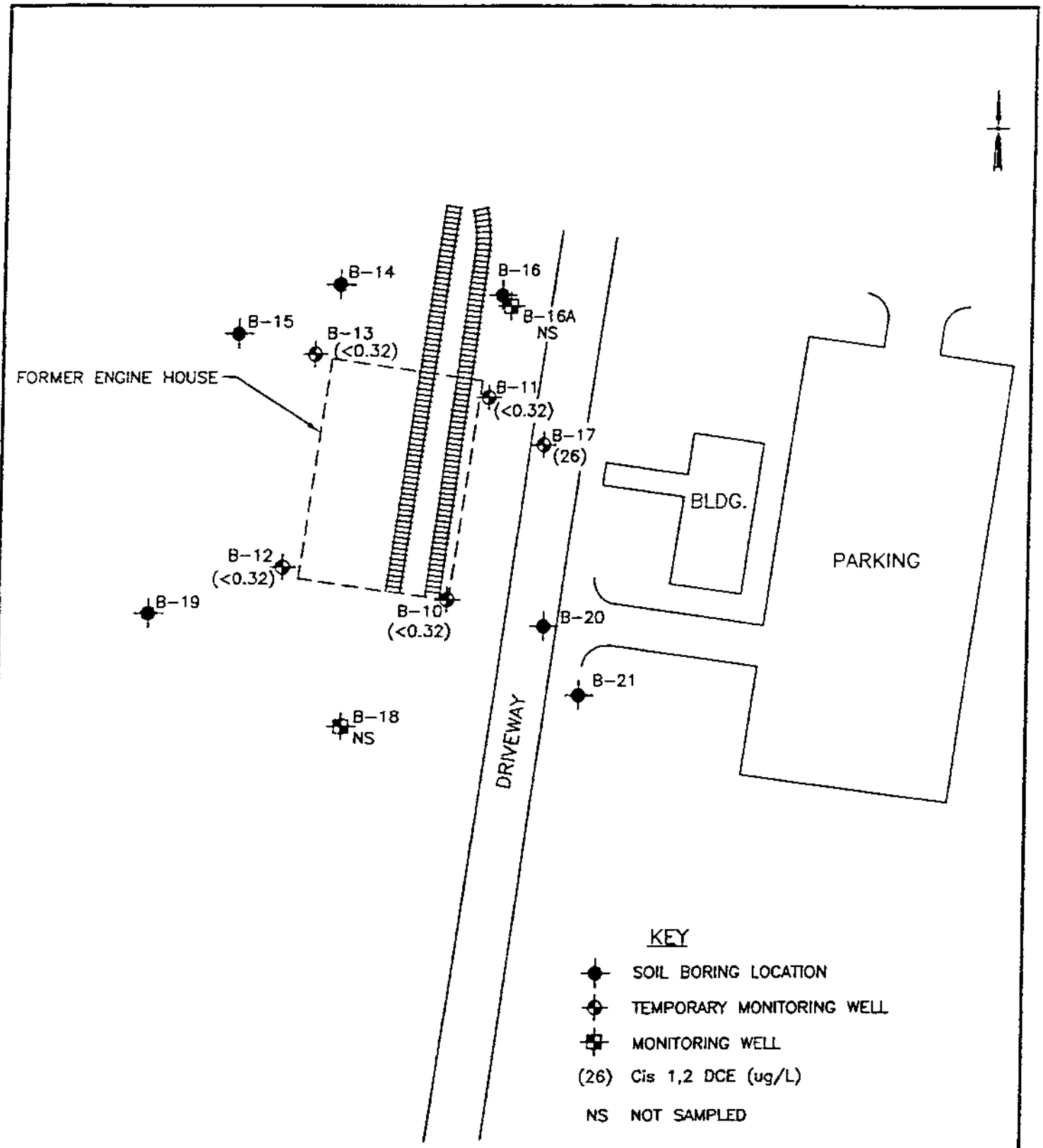
PROJECT/CLIENT

FORMER ENGINE HOUSE
APPLETON, WISCONSIN
BENZENE IN GROUNDWATER 4/98

DRAWN BY	RAB	4-23-98
CHECKED BY	RJM	4-23-98
APPROVED BY	MAB	6-11-98
SCALE 1" = 50'	FIGURE NO. 6	
STS DRAWING NO. W:\DWG86\22033\XA\G433F006.DWG		



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PROJECT/CLIENT

FORMER ENGINE HOUSE
APPLETON, WISCONSIN
Cis 1,2 - DCE IN GROUNDWATER 5/97

DRAWN BY	RAB	4-23-98
CHECKED BY	RJM	4-23-98
APPROVED BY	MAB	6-11-98
SCALE 1"= 50'	FIGURE NO. 7	
STS DRAWING NO. W:\DWGS\22033\XA\G433F007.DWG		

STATEMENT OF PROPERTY LEGAL DESCRIPTION

As required by s.NR 726.05(3)(f) of the Wisconsin Administrative Code, I am providing this signed statement that to the best of my knowledge, the legal descriptions that are attached to this statement are complete and accurate for the property (Appleton Yard) located at 700 South Whitman Avenue, Appleton, Outagamie County, Wisconsin.

Firm: Canadian National Railway / Wisconsin Central Ltd.

Signature: Scott E. Rahrle

Title: Asset Mgr. Real Estate

Date: 16 January 2004