

## **GIS Registry Disclaimer**

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may therefore not be included in this packet as they were unavailable at the time the original case was closed.

The information contained in this document was assembled by DNR from a previously closed case file, and added to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

# GIS REGISTRY

## Cover Sheet

January, 2009  
(RR 5367)

### Source Property Information

BRRTS #:

02-02-000159

ACTIVITY NAME:

WISCONSIN CENTRAL LTD - ORE YARD DUMP

PROPERTY ADDRESS:

.5 MI SE OF ASHLAND ON WCL TR

MUNICIPALITY:

ASHLAND

PARCEL ID #:

NA

CLOSURE DATE: 6/19/2000

FID #:

DATCP #:

COMM #:

#### \*WTM COORDINATES:

X: 454217

Y: 679269

*\* Coordinates are in  
WTM83, NAD83 (1991)*

#### WTM COORDINATES REPRESENT:

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

#### Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

Soil Contamination > \*RCL or \*\*SSRCL (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

#### Land Use Controls:

NA (Not Applicable)

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations  
between non-industrial and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for  
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic  
development corporation)*

All monitoring wells properly abandoned per NR 141? (234)

Yes  No  N/A

*\* Residual Contaminant Level*

*\*\*Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-02-000159 PARCEL ID #: NA

ACTIVITY NAME: WISCONSIN CENTRAL LTD - ORE YARD DUMP WTM COORDINATES: X: 454217 Y: 679269

**CLOSURE DOCUMENTS** (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Conditional Closure Letter**
- Certificate of Completion (COC)** for VPLE sites

**SOURCE LEGAL DOCUMENTS**

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.  
*Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).  
**Figure #:**                      **Title: Exhibit D of Deed Restriction "Boundary Description"**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

**MAPS** (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.  
*Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*  
**Figure #: 1                      Title: Area Location Map**
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 2                      Title: Site Location Diagram**
- Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 2 & 3                      Title: Pre-Excavation Site Layout Diagram & Excavation Diagram**

BRRTS #: 02-02-000159

ACTIVITY NAME: WISCONSIN CENTRAL LTD - ORE YARD DUMP

**MAPS (continued)**

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

**Figure #: NA Title:**

**Figure #: Title:**

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

**Note:** This is intended to show the total area of contaminated groundwater.

**Figure #: NA Title:**

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

**Figure #: NA Title:**

**Figure #: Title:**

**TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))**

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.  
**Note:** This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

**Table #: 1, 2 & 3 Title: Chemical Analysis Summary, Traces Metal Concentration, Residual Contaminant Levels**

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

**Table #: NA Title:**

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

**Table #: NA Title:**

**IMPROPERLY ABANDONED MONITORING WELLS**

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

**Note:** If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

**Note:** If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

**Figure #: Title:**

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-02-000159

ACTIVITY NAME: WISCONSIN CENTRAL LTD - ORE YARD DUMP

## NOTIFICATIONS

### Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

### Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

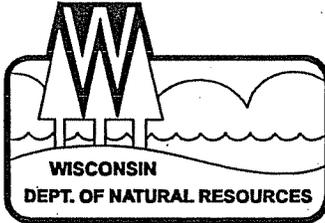
**Note:** Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

**Number of "Off-Source" Letters: NA**

- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.  
**Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

**Number of "Governmental Unit/Right-Of-Way Owner" Letters: NA**



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
William H. Smith, Regional Director

Northern Region Headquarters  
107 Sutliff Ave.  
Rhinelander, Wisconsin 54501-0818  
Telephone 715-365-8900  
FAX 715-365-8932  
TDD 715-365-8957

June 19, 2000

Mr. Geoffrey C Nokes  
Wisconsin Central Ltd  
PO Box 5062  
Rosemont, IL 60017-5062

Subject: Wisconsin Central Ltd Ore Yard Dump Site, Ashland, WI  
BRRTS # 02-02-000159

Dear Mr. Nokes:

The above-referenced site has been reviewed for closure by the Northern Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On November 23, 1999, you were notified that the Closure Committee had granted conditional closure to this case.

On June 14, 2000, the Department received correspondence indicating that you have complied with the conditions of closure, specifically, the recording of a deed restriction for the property. Based on the correspondence and the data provided, it appears that your site has been remediation to Department standards in accordance with 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.

However, please be aware that this case may be reopened pursuant to 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 715-365-8990.

Sincerely,  
NORTHERN REGION

Janet Kazda  
Program Assistant

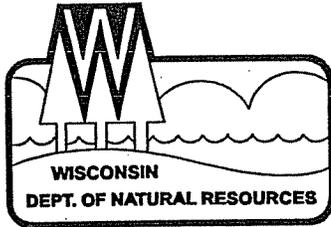
c: File

Mark Bergeron  
STS Consultants, Ltd  
1035 Kepler Dr  
Green Bay, WI 54311-8320



Quality Natural Resources Management  
Through Excellent Customer Service





## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
William H. Smith, Regional Director

Northern Region Headquarters  
107 Sutliff Ave.  
Rhineland, Wisconsin 54501-0818  
Telephone 715-365-8900  
FAX 715-365-8932  
TDD 715-365-8957

November 23, 1999

Mr. Geoffrey C Nokes  
Wisconsin Central Ltd  
PO Box 5062  
Rosemont, IL 60017-5062

Subject: WCL Ore Yard Dump Site, Ashland, WI BRRTS # 02-02-000159

Dear Mr. Nokes:

On November 17, 1999, the Department of Natural Resources issued a closure letter to you for the above-referenced site. That letter is in error and should be discarded.

The Department of Natural Resources provided a notice to you that the degree and extent of contamination at the above-named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation has been accomplished.

On November 4, 1999, the above-named site was reviewed by the Northern Region Closeout Committee for a determination as to whether or not the case qualified for close out under ch. NR 726, Wis. Adm. Code.

Based on the investigative and remedial documentation provided to the Department, it appears that the contamination at the above-named site has been remediated to the extent practicable under current site conditions, and that no further action is necessary at this time. Therefore, the Department will consider the case "closed," pursuant to NR 726.05(8), if the responsible party sign and record a deed restriction for the property. The deed restriction should include an inspection and maintenance plan for the soil cover. To document that this condition has been complied with, the responsible party must submit to the Department a copy of the recorded deed restriction, with the recording information stamped on it, within 15 days after the County Register of Deeds returns the deed restriction to the responsible party. The deed restriction may be amended in the future with the approval of DNR if conditions change at the site and the residual contamination is remediated.

The deed restriction is an option that the Department can offer to you 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. Note that this additional work may not be eligible for reimbursement through the Petroleum Environmental Cleanup Fund Award (PECFA) Program. You should contact the Department of Commerce to determine eligibility of the additional work for reimbursement.

Enclosed is an example of a deed restriction. Please ask your attorney to draft a specific deed restriction for this site and submit the draft to me. Department of Natural Resources attorneys will review the draft and return it to your attorney with revisions. After your attorney has made the revisions, you may sign and record the restriction with the County Register of Deeds. A copy of the recorded restriction must be then filed with the Department of Natural Resources.



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Through Excellent Customer Service*



Based on an evaluation of the close out form, it appears that soil contamination in excess of the generic residual contaminant levels (RCLs) contained in s. NR 720.09, Wis. Adm. Code, remains at this site. The use of a soil performance standard requires publishing of a class 1 public notice per s. NR 714.07(5). You must therefore complete the public noticing of this remedial action before site closure can be approved under ch. NR 726. In order to document your compliance with this requirement, you should submit tear sheets from the publisher of this notice to me at the above address. In addition, signs should be placed at the site indicating the presence of residual soil contamination.

Please note that this case closure is contingent upon proper documentation of proper abandonment of the monitoring wells on site. If monitoring wells remain at this site, please provide the documentation that this action has been completed, or have your consultant do so. Please complete Form 3300-5B and send it to my attention at the above address.

If you have any additional information which was not formerly provided to the Department, and which you feel would significantly impact this closure decision, you may submit that information for our re-evaluation of case closure.

If you have any questions, please call me at 715-365-8990.

Sincerely,  
NORTHERN REGION



Janet Kazda  
Case Closeout Committee

cc: File  
Lori Huntoon, Dept of Commerce  
Chris Saari, Brule  
Steve Kariklins, DG/2  
Chuck Fitzgerald, Rhinelander

Mark Bergeron  
STS Consultants, Ltd  
1035 Kepler Dr  
Green Bay, WI 54311



receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

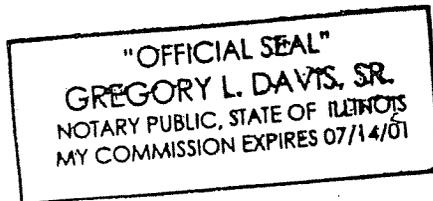
By signing this document, Glenn J. Kerbs, V.P. Engineering, asserts that he is duly authorized to sign this document on behalf of Wisconsin Central Ltd. (the property owner).

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 5<sup>th</sup> day of JUNE, 2000.

Signature: *Glenn J. Kerbs*  
Printed Name: GLENN J. KERBS

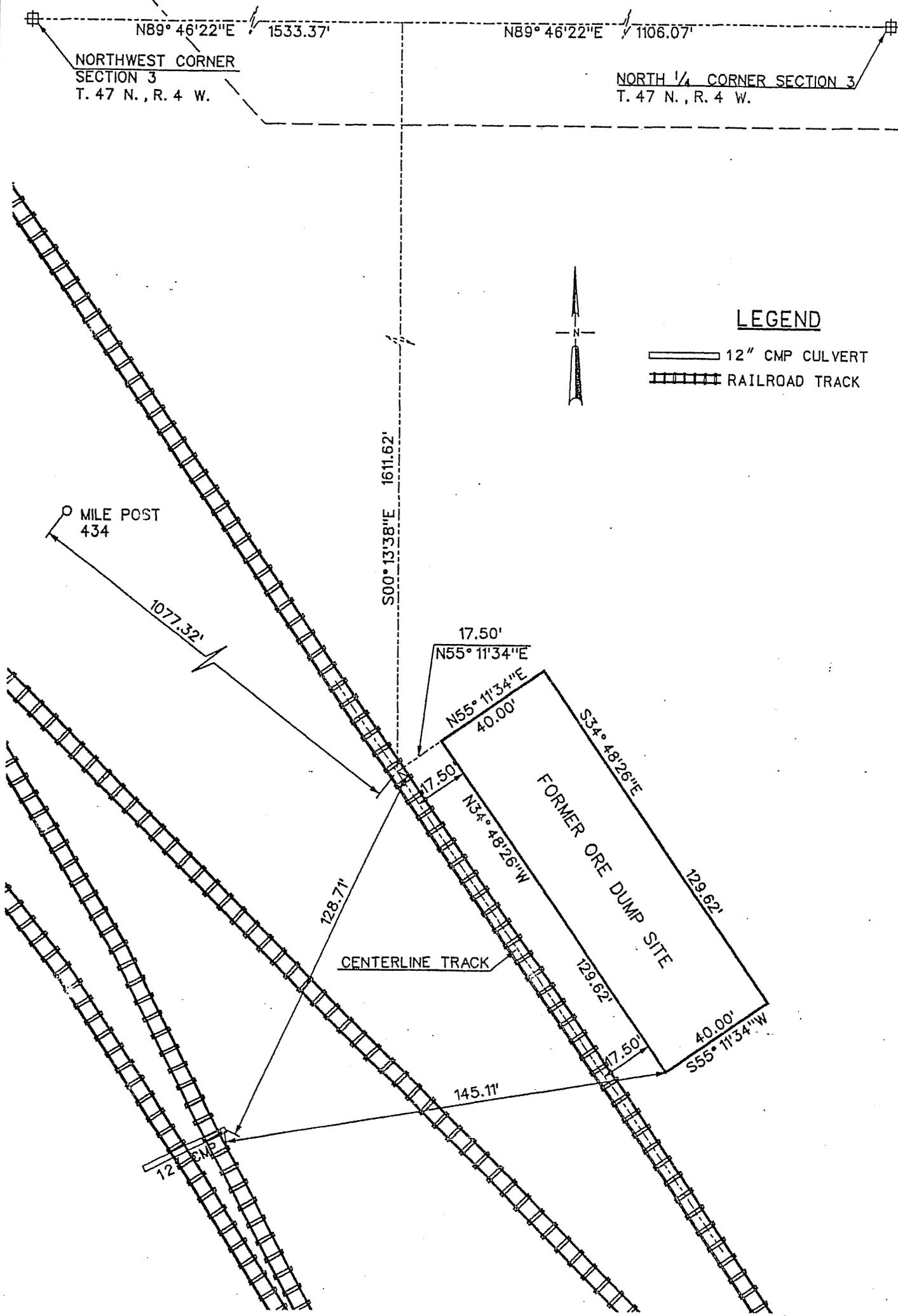
Subscribed and sworn to before me  
this 5<sup>th</sup> day of JUNE, 2000.

*Gregory L. Davis, Sr.*  
Notary Public, State of ILLINOIS  
My commission 7-14-01



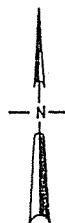
This document was drafted by the Wisconsin Department of Natural Resources, based on information provided by STS Consultants, Ltd..

C.T.H. "A"



LEGEND

- 12" CMP CULVERT
- RAILROAD TRACK



\projects\dwg99\25601\survey\25601sv1e.dgn  
 7 MAR 2008:49:01



STS Consultants Ltd.  
Consulting Engineers

WISCONSIN CENTRAL LTD.  
 FORMER ORE DUMP SITE  
 ASHLAND, WISCONSIN  
 GROUNDWATER USE RESTRICTION BOUNDARY

DRAWN BY	FMH	12/99
CHECKED BY	RJM	12/99
APPROVED BY	MAB	12/99
CADFILE	SCALE	
... \25601sv1e.dgn	1" = 40'	
STS PROJECT NO.	SHEET NO.	
25601	2	

**EXHIBIT B**

**WISCONSIN CENTRAL LTD.**  
**FORMER ORE YARD DUMP SITE, ASHLAND, WISCONSIN**  
**INSPECTION AND MAINTENANCE PLAN**  
**JANUARY 22, 2000**

A soil cover has been constructed as a remedial action to address residual arsenic contamination in soils within the area indicated on the attached figure.

**The following activities are prohibited** (without the written consent of the WDNR):

- Excavating or grading of the land surface,
- Filling on the covered area,
- Plowing for agricultural cultivation, and
- Construction or installation of a building or other structure with a foundation that would sit or be placed within the covered area.

If any of these activities are planned, written approval must be received from the Wisconsin Department of Natural Resources prior to start of the proposed activity.

The existing cover will be inspected according to the following schedule:

- April, July, and October, 2000.
- Annually in July, until one year passes without any maintenance having to be conducted.

Written records of inspections will be maintained by Wisconsin Central Ltd.

The inspections will consist of visual observations to confirm the following:

- There is vegetative cover,
- Erosion is not occurring, and
- No filling has occurred.

Deficiencies in the cover will be addressed within one month of discovery.

164  
102

C. F. & Co. Tom 192

4490<sup>a</sup>

Deed  
1/3 Pt. NE NW } 3.47.4W.  
1/4 " }

Joel M. Lloyd  
and  
Sophronia Dean  
To  
Peuroke R.R. Co

Entered

April 7 2 30 6  
3 28 acts  
Ed Fennelly

THIS INDENTURE made this 5<sup>th</sup> day of April, Eighteen hundred and eighty-seven (1887), between Joel M. Gloyd, of Toledo, in the County of Lucas and State of Ohio, and Sophronia Dean, of Mower County, in the State of Minnesota, as executors of the last Will and Testament of Warren H. Dean, late of said County of Mower, deceased, and also the said Sophronia Dean, as widow of said decedent, and individually, parties of the first part, and the "Penokee Railroad Company" (a corporation duly organized and existing under the laws of the State of Wisconsin), party of the second part,

WITNESSETH:---

Whereas said Joel M. Gloyd, and Sophronia Dean, executors aforesaid, are empowered in and by the last will and testament of the said Warren H. Dean, deceased, proved and allowed by the Probate Court of said Mower County, and recorded in the office of Register of Deeds of the said County of Mower, and State of Minnesota, and in the office of Register of Deeds of the County of Ashland in the State of Wisconsin, to make sale of the real estate or any part thereof, owned by said decedent, embracing the premises hereinafter described, and to execute proper conveyances therefor.

Now in consideration of the sum of twelve hundred and sixty (\$1,260) dollars, paid by the said party of the second part to the said executors, and of the further sum of one dollar paid to the said Sophronia Dean individually in her own right, (the receipt of all whereof is hereby acknowledged) the said Joel M. Gloyd and Sophronia Dean, as executors aforesaid, and the said Sophronia Dean also individually in her own right, parties of the first part, do hereby

grant, bargain, sell and convey to the said party of the second part, its successors and assigns all those tracts or parcels of land situated in the County of Ashland, and State of Wisconsin, described as follows, to-wit :

The undivided one-third (1-3) part of all that part of the north-east quarter (N.E. 1-4) of the north-west quarter (N.W. 1-4) of Section three (3) in Township forty-seven (47) of Range four (4), west, situated, lying and being within a distance of four hundred (400) feet of the centre line of the Wisconsin Central Railroad, as the same is now located and constructed across the north-west quarter (N.W. 1-4) of said Section three (3); that portion of said north-east quarter (N.E. 1-4) of the north-west quarter (N.W. 1-4) of said Section three (3), one-third (1-3) of which is hereby intended to be conveyed, contains six-tenths (6-10) of an acre of land.

A l s o a strip, belt or piece of land of the width of three hundred (300) feet, extending across the south half (S. 1-2) of the north-west quarter (N.W. 1-4) of Section three (3) in Township forty-seven (47) of Range four (4) west from the north side thereof, to the south side thereof, and being situated between two parallel lines, one of said lines being parallel with, and one hundred (100) feet easterly and the other line is four hundred feet easterly, --  
^ from the centre line of the Wisconsin Central Railroad, as the same is now located and constructed across said south half (S. 1-2) of the north-west quarter (N.W. 1-4) of said Section three (3) in Township forty-seven (47) of Range four (4) west, containing ten and seven-tenths (10.7) acres, to have and to hold the said premises hereby granted and the hereditaments and appurtenances thereto belonging to the said party of the second part, its successors and assigns forever.

A n d the said parties of the first part for themselves and their heirs, hereby covenant with the said party of the second part, its successors and assigns, that they, the said parties of the first part have not wittingly done or suffered to be done, any act or thing whereby the title of said premises has been prejudiced or encumbered.

I N T E S T I M O N Y W H E R E O F the said parties 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

*Henry J. Horn*  
*C. H. Wick*

*Joel W. Geyer* (SEAL)

*Sophronia Dean* (SEAL)  
Executrix of the will of *Harmon*  
*W. Dean* (SEAL)

*Sophronia Dean* (SEAL)

EXHIBIT C

5/5

State of Minnesota,) )  
County of Ramsey. ) ss.

B E I T K N O W N that on this 5<sup>th</sup> day of April, A. D. 1887, personally appeared before me the within named Joel M. Gloyd and Sophronia Dean, as the executors of the last Will and Testament of Warren H. Dean, deceased, the said Sophronia Dean also then and there appeared before me as widow of said decedent and individually and in her own right, all of them to me well known to be the persons described in, and who executed the foregoing instrument, and they acknowledged the same, and that they executed the same as their free act and deed.

*C. W. G. Wicker*

Notary Public,  
Ramsey County, Minn.

Boundary Description

A parcel of land located in the Northwest quarter of the Southeast quarter of the Northwest quarter of Section 3, Township 47 North, Range 4 West, Town of Gingles, Ashland County, Wisconsin. Being more particularly described as follows and as identified on sheet 2 of 2:

Commencing at the Northwest corner of said Section 3,;

thence N 89°46'22" E along the North line of the Northwest quarter of said Section 3, a distance of 1533.37 feet,

thence S 0°13'38" E, a distance of 1611.62 feet to a point on the centerline of the Wisconsin Central Limited Railroad passing track being 1077.32 feet Southeasterly of the mainline Milepost 434,

thence N 55°11'34" E, a distance of 17.50 feet to the POINT OF BEGINNING,

thence continuing N 55°11'34" E, a distance of 40.00 feet,

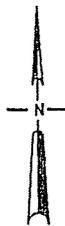
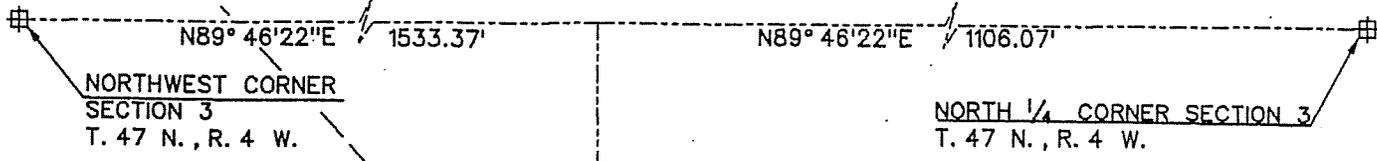
thence S 34°48'26" E, a distance of 129.62 feet,

thence S 55°11'34" W, a distance of 40.00 feet,

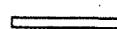
thence N 34°48'26" W, a distance of 129.62 feet to the POINT OF BEGINNING.

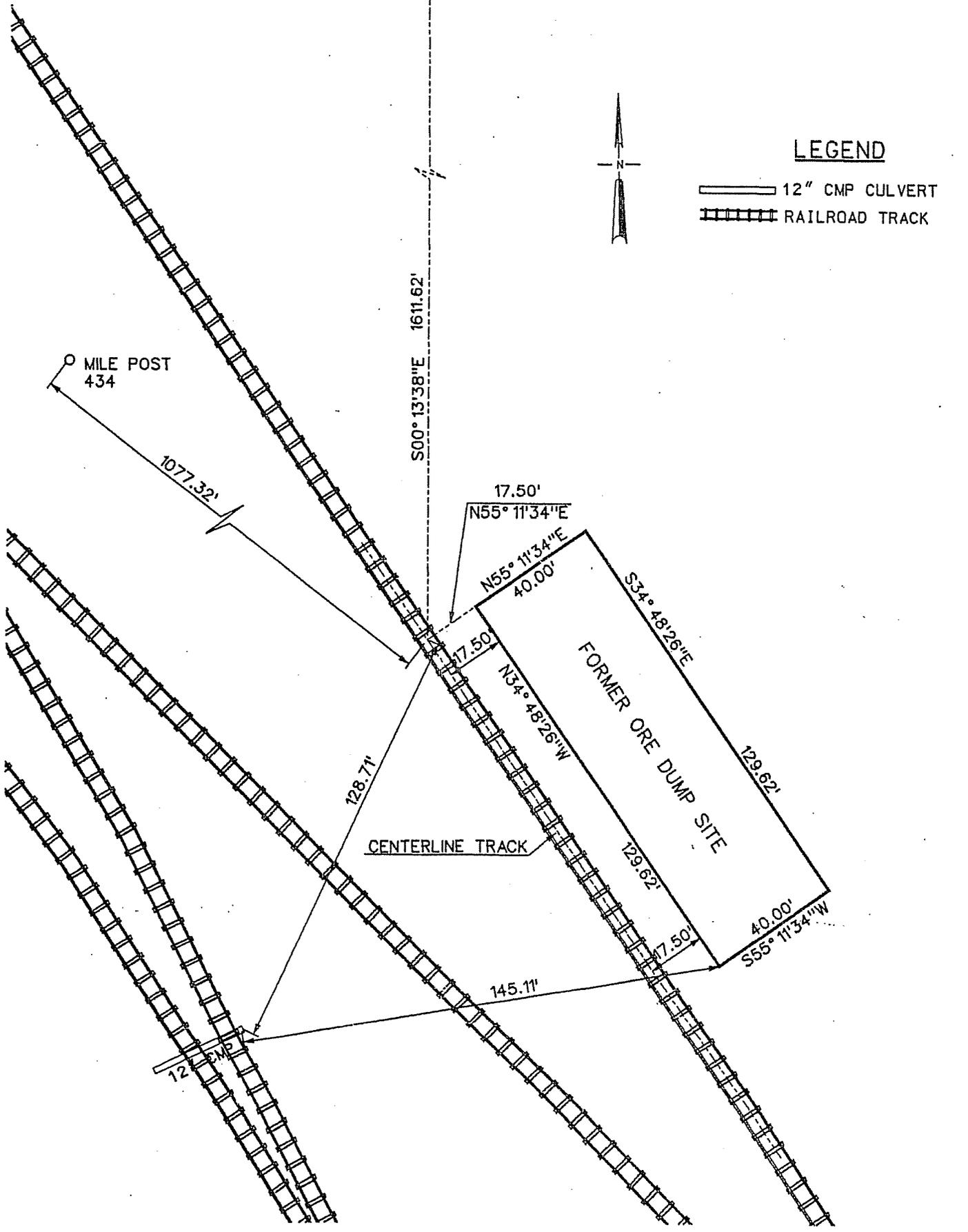
Said parcel contains 5,184 square feet or 0.12 acres and is subject to all easements and other matters of record.

C.T.H. "A"



LEGEND

-  12" CMP CULVERT
-  RAILROAD TRACK



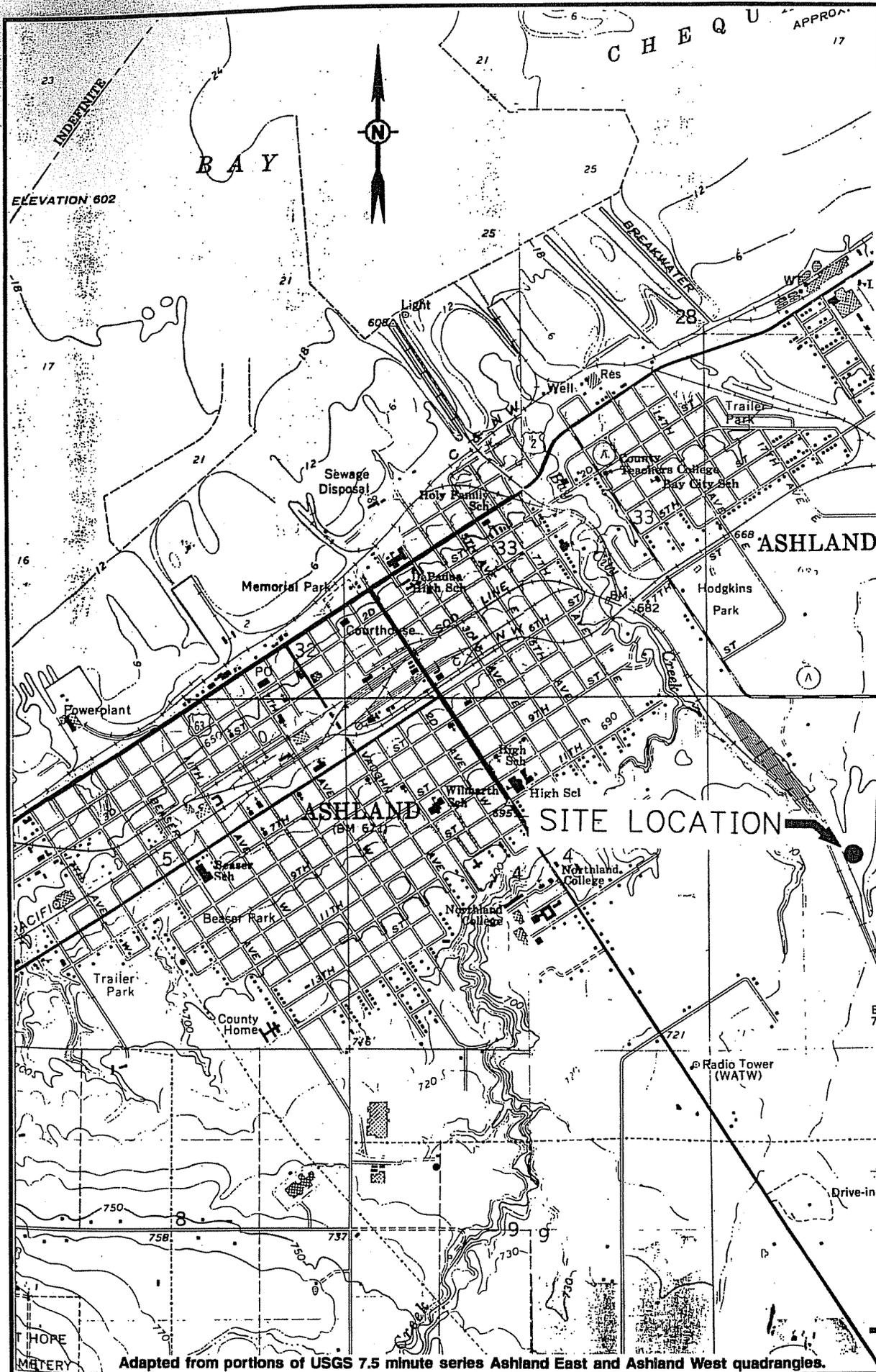
07 MAR 2008:49:01



STS Consultants Ltd.  
Consulting Engineers

WISCONSIN CENTRAL LTD.  
FORMER ORE DUMP SITE  
ASHLAND, WISCONSIN  
GROUNDWATER USE RESTRICTION BOUNDARY

DRAWN BY	FMH	12/99
CHECKED BY	RJM	12/99
APPROVED BY	MAB	12/99
CADFILE	SCALE	
... \25601svle.dgn	1" = 40'	
STS PROJECT NO.	SHEET NO.	
25601	2 of 2	



Adapted from portions of USGS 7.5 minute series Ashland East and Ashland West quadrangles.

DATE	23 May 1995
DRAWN BY	[Signature]
CHECKED BY	[Signature]
APPROVED BY	[Signature]
CADFILE	

**AREA LOCATION MAP**  
**OREYARD DUMP SITE**  
**ASHLAND, WISCONSIN**  
**WISCONSIN CENTRAL LTD.**



STS PROJECT NO.	96303-XA
STS PROJECT FILE	
SCALE	1"=2000'
SHEET NO.	Figure 1

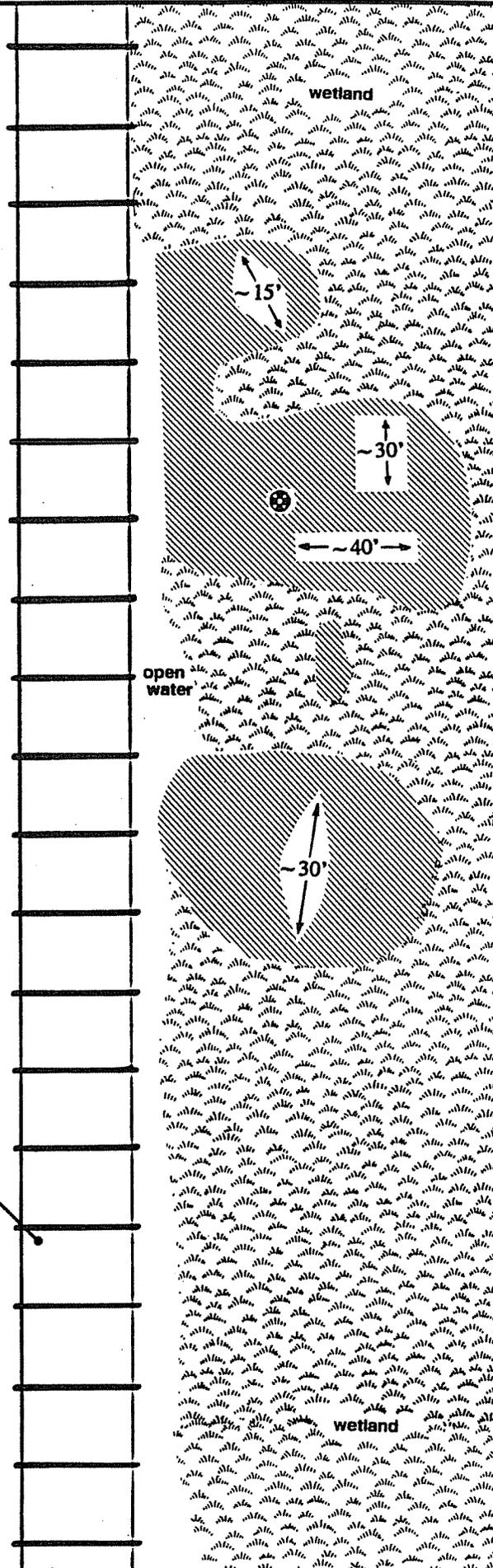
↑  
Co. Hwy. A: 1/2 mile



 Dump piles

 Chemical sample location, 5-11-95

WC Sidetrack



DRAWN BY	sjc
CHECKED BY	wbt
APPROVED BY	
CADFILE	
DATE	6-6-95
DATE	6-6-95
DATE	

**SITE LOCATION DIAGRAM**  
**ORE YARD DUMPSITE**  
**WISCONSIN CENTRAL, LTD.**  
**ASHLAND, WISCONSIN**



STS PROJECT NO.  
**96303-XA**

STS PROJECT FILE

SCALE  
**No Scale**

SHEET NO.  
**2**

# PRE-EXCAVATION SITE LAYOUT DIAGRAM



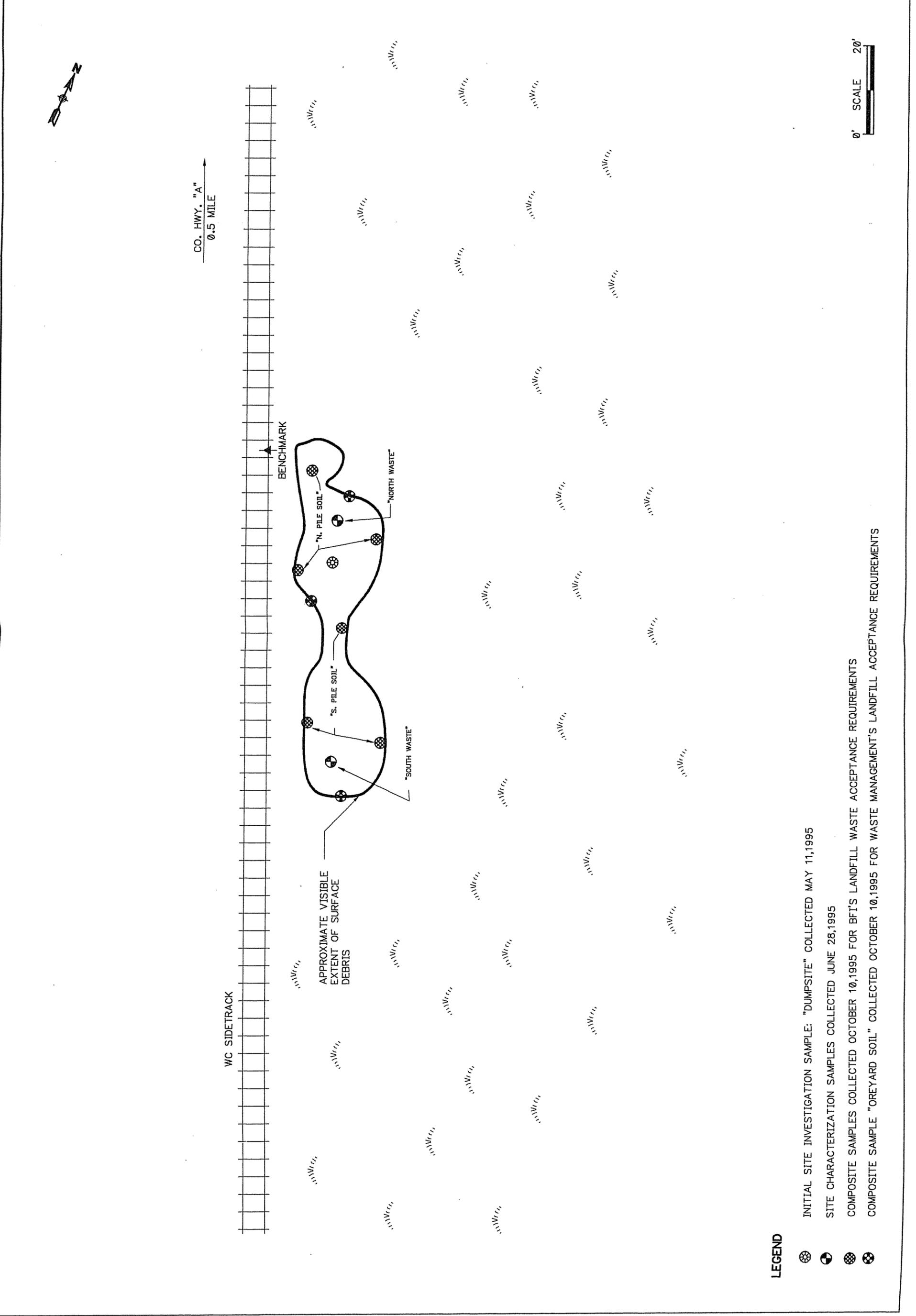
Project: ORE YARD WASTE PILES  
 Client: WISCONSIN CENTRAL, LTD.  
 Location: ASHLAND, WISCONSIN

AUTOCAD FILE 96303EXD

CAD OPERATOR	BAP	DATE	01-16-1996
CHECKED BY	SJC	DATE	
APPROVED BY	WBT	DATE	

STS PROJECT NO.	96303-XA
STS PROJECT FILE	
SCALE	1 INCH = 20 FT
SHEET NUMBER	

**FIGURE 2**



**LEGEND**

- INITIAL SITE INVESTIGATION SAMPLE: "DUMPSITE" COLLECTED MAY 11, 1995
- SITE CHARACTERIZATION SAMPLES COLLECTED JUNE 28, 1995
- COMPOSITE SAMPLES COLLECTED OCTOBER 10, 1995 FOR BFT'S LANDFILL WASTE ACCEPTANCE REQUIREMENTS
- COMPOSITE SAMPLE "OREYARD SOIL" COLLECTED OCTOBER 10, 1995 FOR WASTE MANAGEMENT'S LANDFILL ACCEPTANCE REQUIREMENTS

0' SCALE 20'

CAD OPERATOR	BAP	DATE	01-16-1996
CHECKED BY	SJC	DATE	
APPROVED BY	WBT	DATE	
AUTOCAD FILE 96303EXC			

**EXCAVATION DIAGRAM**

Project: ORE YARD WASTE PILES  
 Client: WISCONSIN CENTRAL, LTD.  
 Location: ASHLAND, WISCONSIN

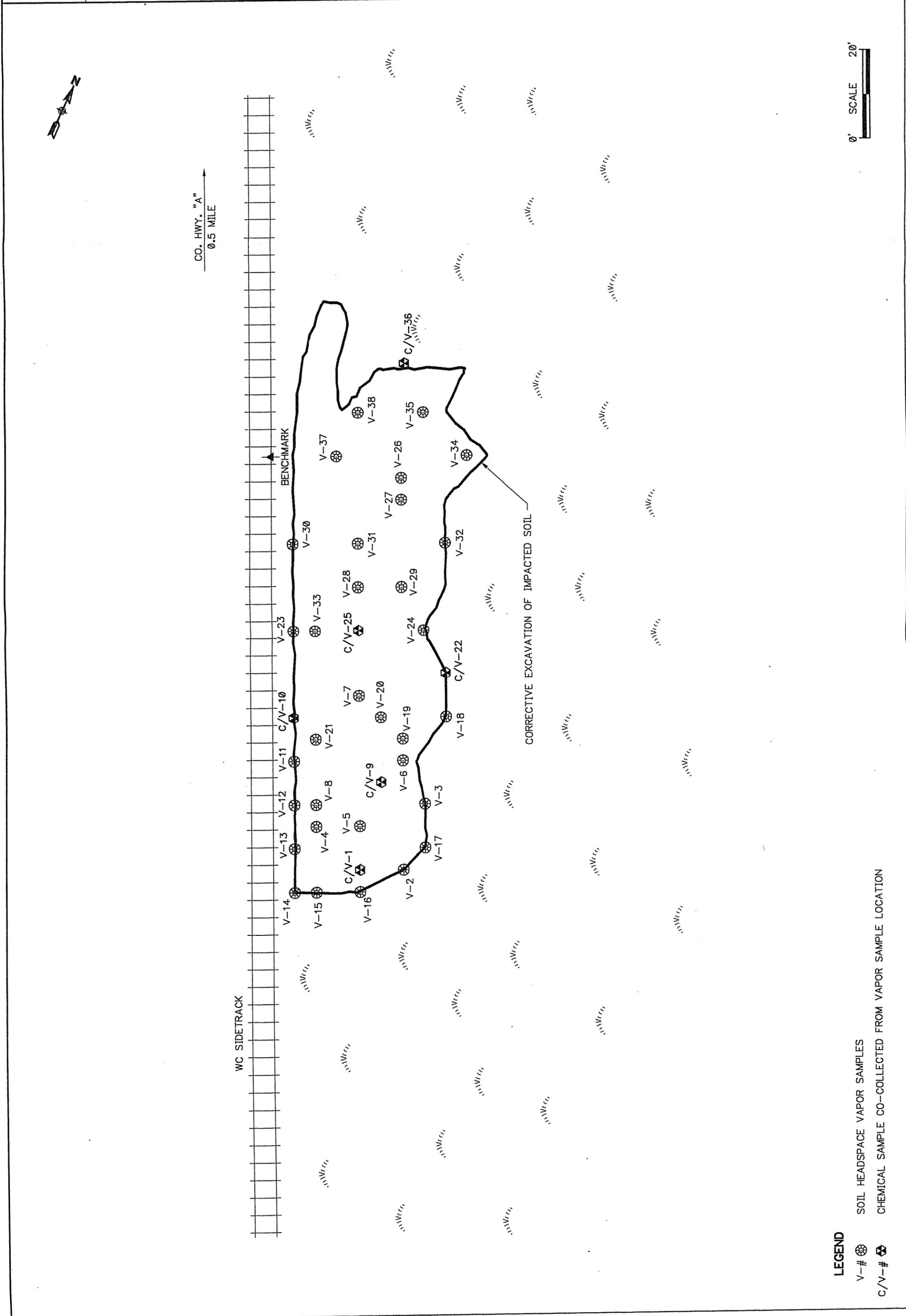
STS Consulting Engineers Ltd.  
**STS**

STS PROJECT NO.  
**96303-XA**

STS PROJECT FILE

SCALE  
 1 INCH = 20 FT

SHEET NUMBER  
**FIGURE 3**



- LEGEND**
- V-# SOIL HEADSPACE VAPOR SAMPLES
  - C/V-# CHEMICAL SAMPLE CO-COLLECTED FROM VAPOR SAMPLE LOCATION

**Table 1**

**Chemical Analysis Summary (partial listing)  
Wisconsin Central Ltd. Ashland Ore Yard Corrective Excavation  
November 2, 6, 7, 1995  
All Units expressed as mg/kg (ppm)**

Parameter	Laboratory Detection Limit	North Sidewall @ 1 ft	South Sidewall @ 1 ft	East Sidewall @ 1 ft	West Sidewall @ 2 ft	North Base @ 4 ft	South Base @ 5 ft	Residual Contaminant Level	Trace Metal Concentration in Surf. Soils
Diesel Range Organics	5.0	6.35	ND	ND	ND	ND	ND	250 (NR 720.09)	NA
EPA 6010 Metals (totals)		41	32.8	29.8	ND	26.5	26.8	1.6 (NR 720.11)	- <0.1 - 97
Arsenic	6.9-8.8	41	32.8	29.8	ND	26.5	26.8	2000	10 - 5000
Barium	0.08-0.1	151	86.1	126	17.3	103	152	510	0.01 - 0.7
Cadmium	0.2-0.25	ND	ND	ND	ND	ND	ND	510 (NR 720.11)	
Chromium (see Note 2)	0.49-0.63	29.4	15.5	20.2	4.27	16.9	24.5	200 (NR 720.11)	3 - 2000
Lead	5.7-7.3	ND	ND	ND	ND	ND	ND	50 (NR 720.11)	<10 - 700
EPA 8021 VOC's	0.0008-0.056	ND	ND	ND	ND	ND	ND	NA	NA
EPA 8080 PCB's	0.076-0.96	ND	ND	ND	ND	ND	ND	NA	NA
EPA 8310 Semi-volatiles PNA's	0.002-0.0077	--	--	--	--	ND	ND	NA	NA

-- Analysis for this parameter not performed.

NA Not applicable

ND Not detected at or above laboratory detection limit.

\* A range indicated the lowest and highest detection limit for this compound reported by the laboratory

Note: 1) NR 720 levels cited are for industrial sites.  
2) NR 720 level is for hexavalent chromium.

TABLE 2

**Trace Metal Concentration in Surficial  
Soils of the Conterminous United States\***

Parameter

Arsenic	<0.1 - 97	(7.2)
Barium	10 - 5000	(580)
Cadmium	0.01 - 0.7	(0.06)
Chromium	3 - 2000	(54)
Lead	<10 - 700	(19)
Mercury	<0.01 - 4.6	(0.089)
Selenium	<1.01 - 4.3	(0.39)
Silver	0.01 - 5	(0.1)**

( ) = mean concentration (published value)

\* Shacklette, H. T. and Boerngen, J.G., 1984

\*\* Overcash, M. R. and Pal, D., 1979

**TABLE 3**

**NR 720.11**

**Residual Contaminant Levels Based on  
Human Health Risk From Direct Contact Related to Land Use**

(milligrams per kilogram)

<u>Substance</u>	<u>Non-Industrial</u>	<u>Industrial</u>	<u>Basis</u>
Arsenic	0.039	1.6	cancer
Cadmium	8	510	non-cancer
Chromium, hexavalent	14	200	cancer
Chromium, trivalent	16,000	NA	non-cancer
Lead	50	500	non-cancer

NA = not applicable

**Note:** Milligrams per kilogram (mg/kg) is equivalent to parts per million (ppm) in soil. Soil concentrations are on a dry weight basis.

**Note:** The residual contaminant levels in Table 3 are based on protection of human health from direct contact through ingestion of soil or inhalation of particulate matter. These concentrations of hazardous substances in soil may not be protective of other pathways of concern. The definition of direct contact will be expanded in future revisions to include human exposures by inhalation of vapors and dermal absorption. In addition, these levels may be higher than those which would be characteristic of hazardous waste when tested using the toxicity characteristic leaching procedure (TCLP), U.S. EPA Method 1311.

**History:** Cr. Register, March, 1995, No. 471, eff. 4-1-95.

**Note:** Naturally occurring background concentrations of arsenic in soil, for example, may be higher than the residual contaminant level for arsenic listed in Table 3. In such instances, the naturally occurring background concentration should be used as the soil clean-up level.