GIS REGISTRY
Cover Sheet

July, 2008
(RR 5367)

Source Property Information

CLOSURE DATE: Nov 13, 2008

BRRTS #: **02-05-000284**

FID #: 405016590

ACTIVITY NAME: Fox Valley & Western Ltd -AST System

DATCP #:

PROPERTY ADDRESS: S Oakland Ave

COMM #: 54303161640

MUNICIPALITY: Green Bay

PARCEL ID #: 2-328

***WTM COORDINATES:**

X: **676586** Y: **450820**

** 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:

- [x] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

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

- [x] 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:

- [ ] Soil: maintain industrial zoning *(220)*

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

- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [x] 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)*

Monitoring wells properly abandoned? *(234)*

(●) Yes ( ) No ( ) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

GIS Registry Checklist

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 #: 02-05-000284 PARCEL ID #: 2-328

ACTIVITY NAME: Fox Valley & Western Ltd -AST System WTM COORDINATES: X: 676586 Y: 450820

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

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

SOURCE LEGAL DOCUMENTS

- [x] **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.*
- [x] **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: Land Survey for Fox Valley & Western Ltd**
- [x] **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.

- [x] **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: Site Location Map**
- [x] **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: Existing Conditions (Spring 2007)**
- [x] **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 #: 3 **Title: Soil Excavation Diagram**

BRRTS #: 02-05-000284 ACTIVITY NAME: Fox Valley & Western Ltd -AST System

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 #: **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 #: 10 **Title: Contaminated Properties Within Site Boundaries**

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

Figure #: 4 & 5 **Title: Water Table Contour (4/15/2004), (7/22/2005)**

Figure #: 6 & 7 **Title: " " (10/23/2006),(1/31/2007)**

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 #: 2 **Title: Laboratory Analytical Results-Soils**

☒ **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 #: 4 & 5 **Title: Laboratory Analytical Results-Groundwater & Groundwater Analytical Results**

☒ **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 #: 3 **Title: Laboratory Analytical Results-Groundwater**

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 #: 02-05-000284 ACTIVITY NAME: Fox Valley & Western Ltd -AST System

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:

☐ **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:

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

November 13, 2008

Nina Sayyat
Canadian National Railway Properties, Inc.
McMillian Administrative Building
1 Administrative Road
Concord ON L4K 1B9 2X7
Canada

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Fox Valley & Western Ltd.-AST System, 840 Clinton St., Green Bay, WI,
WDNR BRRTS Activity #: 02-05-000284

Dear Ms. Sayyat:

On May 30, 2008, the Northeast Regional Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On June 11, 2008, you were notified that the Closure Committee had granted conditional closure to this case.

On November 6, 2008, the Department received correspondence indicating that you have complied with the requirements of closure. Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Before the land use could be changed from industrial to non-industrial, additional environmental work must be completed
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier
- Groundwater contamination is present above Chapter NR 140 enforcement standards

Information that was submitted with your closure request application will be included on the GIS

Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which the current property owner and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement, rock and/or soil cover that currently exists in the location shown on the attached map shall be maintained in compliance with **the attached maintenance plan** in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site, and the inspection log need only be submitted to the Department upon request.

Prohibited Activities

The following activities are prohibited on any portion of the property where pavement, a building foundation, soil cover, engineered cap or other barrier is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Remaining Residual Groundwater Contamination

Groundwater impacted by petroleum-related contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on the contaminated property. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Vickie Taddy at 920-662-5178.

Sincerely,

Bruce G. Urben
Northeast Remediation & Redevelopment Team Supervisor

cc: Andrew J. Mott, STS Consultants Ltd,
558 North Main, Oshkosh, WI 54901

Soil Performance Standard [NR 724.02(1)]
Maintenance Agreement

Description:

The soil performance standard selected is use of existing ground vegetation and granular (sand and gravel) cover to provide a barrier to direct contact with soil. Ground cover created by the existing vegetation/granular cover will prevent disturbance and air suspension of soil particles, thereby preventing direct contact.

Maintenance Plan [NR 724.13(2)]:

As a condition of closure, a vegetation cap has been identified as an institutional control to address residual PAH concentrations in soils identified on the Wisconsin Central Ltd. (WC) parcel as shown on the attached figure.

In accordance with Chapter NR 724.13(2), Wisconsin Administrative Code, WC will inspect the vegetative and granular cap in accordance with this maintenance plan.

Written records of inspections will be maintained by WC. The inspections will consist of visual observations to confirm the following:

- ✓ The general integrity of the ground cover provided by the existing vegetation/ granular material.
- ✓ No filling or digging has occurred.

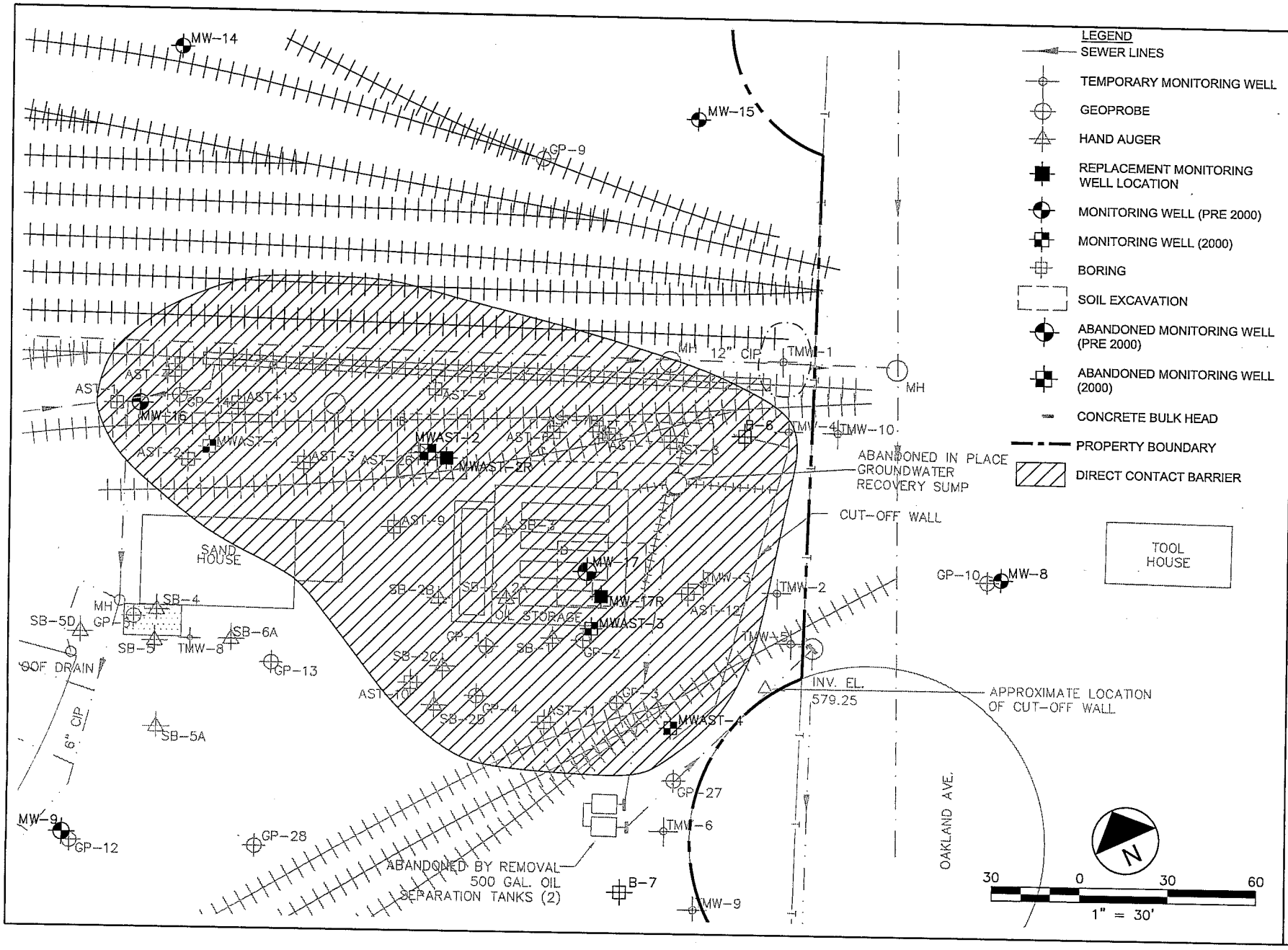
Deficiencies in the cap will be documented and addressed within one month of discovery.

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

- ✓ Once annually during the month of September or October.

In addition, the Wisconsin Department of Natural Resources (WDNR) should be notified prior to conducting any of the following activities:

- ✓ Digging or filling within the institutional control area.
- ✓ Construction or installation of a building or other structure with a foundation that would be located within the institutional control area.



STS CONSULTANTS
558 North Main Street
Oshkosh, Wisconsin
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DIRECT CONTACT BARRIER
WISCONSIN CENTRAL LTD
NORWOOD YARD - AST SYSTEM SITE
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN

Drawn:	MAS	4/13/2007
Checked:	AGM	4/13/2007
Approved:		
PROJECT NUMBER	415862WG	
FIGURE NUMBER	8	

X:\Projects\415862WG\dwg\g415286WG-000.dwg: 6/11/2008 11:56:57 AM; SIMON, MAGGIE

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

June 11, 2008

Nina Sayyat
Canadian National Railway Properties, Inc.
McMillian Administrative Building
1 Administrative Road
Concord ON L4K 1B9 2X7
Canada

Subject: Conditional Closure Decision,
With Requirements to Achieve Final Closure
Fox Valley & Western Ltd.-AST System, 840 Clinton St., Green Bay, Wisconsin
WDNR BRRTS Activity # 02-05-000284

Dear Ms. Sayyat:

On May 30, 2008, the Northeast Regional Closure Committee reviewed your request for closure of the case described above. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the contamination on the site from the vicinity of a former aboveground storage tank that was located on the property appears to have been investigated and remediated to the extent practicable under site conditions. Your case meets the screening criteria of s. NR 746.07 or s. NR 746.08, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code and will be closed if the following conditions are satisfied:

The monitoring wells and any other remediation system wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Vickie Taddy on Form 3300-005 found at http://dnr.wi.gov/org/water/dwg/gw/ or provided by the Department of Natural Resources.

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR

Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

Please be aware that the 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 to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 920-662-5178.

Sincerely,

Vickie Taddy
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Andrew J. Mott, STS Consultants Ltd, 558 North Main, Oshkosh, WI 54901

In Witness Whereof, *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

S W Champion

N. J. Abrams

x Peter Schultz [SEAL.]

x Ann Marie Schultz [SEAL.]

[SEAL.]

STATE OF WISCONSIN, County of Brown } ss.

BE IT REMEMBERED, *That on the* Seventh *day of* August *A. D. 1885, personally came before me the above named* Peter Shultz and Ann his wife *to me known to be the persons who executed the foregoing Deed, and acknowledged the same to be* their *free act and deed, for the uses and purposes therein mentioned.*

N. J. Abrams

Notary Public Brown Co Wis

GS 1-4 / 51C

No 20780

WARRANTY DEED

Peter Shultz et al

Aug 8 1885

TO

G B. W & St P R.R. Co

REGISTER'S OFFICE.

Received for Record the 10 day of August A. D. 1885, at 9 o'clock A. M., and recorded in Vol. 25 of Deeds, on page 552

Emil Mellmann Register.

Chas. J. W. Abrams

WARRANTY DEED. (Form 110.) Advocate Print.

This Indenture, Made the Seventh day of August in the year of our Lord One Thousand Eight Hundred and Eighty five BETWEEN Peter Shultz, Anna M. Shultz his wife of Fort Howard parties of the first part, and the Green Bay Winona & St Paul Railroad Company party of the second part,

Witnesseth, That the said parties of the first part, for and in consideration of the sum of Forty, to them in hand paid by the ~~said party of the second part, the receipt whereof is hereby confessed and acknowledged,~~ have Given, Granted, Bargained, Sold, Remised, Released, Aliened, Conveyed and Confirmed, and by these presents do Give, Grant, Bargain, Sell, Remise, Release, Alien, Convey and Confirm unto the said part of the second part their heirs and assigns FOREVER, all that certain tract, piece, or parcel of land, situate, lying and being in the County of Brown State of Wisconsin and particularly described as follows, to wit:

Commencing at the North East Corner of Lot No Two (2) in Private Claim No Two (2) West side of Fox River, — running thence south on the division line between Lots No one (1) and Two (2) a distance of Fourteen (14) feet. Thence running westerly nearly parallel with the North line of lot No 2, a distance of Two hundred and forty one feet (241) to the intersection of the right of way of the Green Bay, Winona & St Paul Railroad, Thence east on and along the said line of the right of way to the place of beginning.

TOGETHER with all and singular the Hereditaments and Appurtenances thereunto belonging or in anywise appertaining; and all the Estate, Right, Title, Interest, Claim and Demand whatsoever of the said party of the first part, either in Law or Equity, either in possession or expectancy, of, in and to the above bargained premises, and their Hereditaments and Appurtenances. TO HAVE AND TO HOLD the said premises, as above described, with the Hereditaments and Appurtenances, unto the said party of the second part and to their heirs and assigns FOREVER.

And the said P Thulty and his wife *for* their *heirs, executors and admininistrators, do* covenant, grant, bargain *and agree, to and with the said party of the second part* their *heirs and assigns, that at the time of the ensealment and delivery of these presents,* 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 of all incumbrances whatever,* ——

and that the above bargained premises, in the quiet and peaceable possession of the said party of the second part, their *heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof* they *will FOREVER WARRANT AND DEFEND.*

Descriptions for
Fox Valley & Western LTD
300 Prairie Avenue
Green Bay, Wisconsin 54303

April 20, 1994

JN 1111

That part of the Unsurveyed Part of Private Claim 2, West Side of Fox River, City of Green Bay, Brown County, Wisconsin, described as follows:

Commencing at the northeast corner of Private Claim 2; thence N 64° 03' 55" W along the north line of Private Claim 2, 989.00 feet to an existing stone monument; thence continuing N 64° 03' 55" W along said north line, 790.00 feet to the west line of Oakland Avenue and the point of beginning; thence continuing N 64° 03' 55" W 1505.50 feet to a point which is S 64° 03' 55" E 30.00 feet from the centerline of 12th Avenue; thence N 25° 47' 32" E along the east line of 12th Avenue, 14.04 feet; thence S 63° 59' 13" E 1505.56 feet; thence S 26° 04' 31" W along the west line of Oakland Avenue, 11.98 feet to the point of beginning. Containing 19,587 sq. ft. (0.450 ac.)

That part of Lots 1 and 2, Block 4, Niels Hansen's Addition, and part of the vacated alley (unrecorded) lying adjacent and west of said Lots, and part of the Unsurveyed Part of Private Claim 2, West Side of Fox River, all in the City of Green Bay, Brown County, Wisconsin, described as follows:

Commencing at the northeast corner of Private Claim 2; thence N 64° 03' 55" W along the north line of Private Claim 2, 989.00 feet to an existing stone monument; thence continuing N 64° 03' 55" W along said north line, 790.00 feet; thence N 26° 04' 31" E along the west line of Oakland Avenue, 40.00 feet to the southeast corner of said Block 4; thence continuing N 26°04'31" E along said west line, 32.10 feet; thence along the arc of a 47.50 foot radius curve to the right 3.56 feet, the chord of which bears N 42° 43' 51" W 3.56 feet to the point of beginning; thence N 63° 57' 47" W 1502.54 feet to a point which is N 25° 47' 32" E 76.08 feet from the north line of Private Claim 2; thence N 25° 47' 32" E along the east line of 12th Avenue, 7.40 feet; thence S 78° 41' 19" E along the south line of the property described in 1007 R 308 and its extension thereof, 150.69 feet; thence S 64° 03' 55" E 581.30 feet to the angle point in the south line of Outlot 1, Volume 27 Certified Survey Maps, page 100; thence S 64° 18' 34" E 747.77 feet; thence along the arc of a 47.50 foot radius curve to the left 62.96 feet, the chord of which bears S 2° 36' 31" E 58.45 feet to the point of beginning. Containing 67,815 sq. ft. (1.557 ac.)

That part of Block 38 and all of Block 46, Tank's Third Addition, and all of vacated Greenwood Avenue (unrecorded) lying between said Blocks, and part of Private Claim 2, West Side of Fox River, all in the City of Green Bay, Brown County, Wisconsin, described as follows:

Commencing at the northeast corner of Private Claim 2; thence N 64° 03' 55" W along the north line of Private Claim 2, 989.00 feet to an existing stone monument; thence continuing N 64° 03' 55" W along said north line, 790.00 feet to the northeast corner of said Block 38 and the point of beginning; thence continuing N 64° 03' 55" W 553.85 feet to the northwest corner of said Block 46; thence continuing N 64° 03' 55" W along said north line, 946.65 feet to a point which is S 64° 03' 55" E 35.00 feet from the centerline of 12th Avenue; thence S 25° 47' 32" W along the east line of 12th Avenue, 11.57 feet; thence S 60° 35' 26" E 50.10 feet; thence S 44° 13' 05" E 952.51 feet to the southwest corner of said Block 46; thence S 63° 57' 00" E along the north line of Clinton Street, 453.02 feet to a point which is N 63° 57' 00" W 100.00 feet from the southeast corner of said Block 38; thence N 26° 11' 26" E 150.00 feet; thence S 63° 57' 00" E 100.00 feet to the west line of Oakland Avenue; thence along the arc of a 47.50 foot radius curve to the right 117.65 feet, the chord of which bears N 26° 11' 26" E 89.80 feet; thence N 26° 11' 26" E 99.12 feet to the point of beginning. Containing 328,860 sq. ft. (7.550 ac.)

I, R. E. Strassburger, land surveyor, hereby certify that I have made the survey of the property described above and that this drawing is a true representation thereof.

R. E. Strassburger

R. E. Strassburger

VOL GBW SECTOR 2 PAGE 528

Land Survey for
Fox Valley & Western LTD
300 Prairie Avenue
Green Bay, Wisconsin 54303

Descriptions attached

Scale 1" = 100'

April 20, 1994

AREA INVOLVED

grid

VACANT STRIP

access & utility easement, J 20565 I 45

access & utility easement, J 20565 I 46

Hope Addition

Niels Hansen's Addition

Block 4

Outlot 1 27 CSM 100

J 20102 I 52

ANGLE PT.

1007 R 308

N 25°47'32"E

S 64°03'55"E 581.30

N 63°57'47" W 1502.54

S 64°18'34"E 747.77

67,815 sq. ft.

UNSURVEYED PART OF PRIVATE CLAIM 2

used east side granite stone buried 20"

N 64°03'55" W 1505.50

S 63°59'13" E 1505.56

946.65

553.85

19,587 sq. ft.

790.00

S 60°35'26"E 50.10

S 44°13'05"E 952.51

PRIVATE CLAIM 2, W.S.F.R.

328,860 sq. ft.

TANK'S 3RD ADDITION

J.H. Taylor's Subd

Block 65

11 TH AVE.

Block 58

10 TH AVE.

Block 57

6' garage encroachment

N 26°03'00"E 337.89 (REC. 336.95)

pipe in concrete 0.38 west & 0.25 south of corner

Block 46

VACATED

Block 38

roadbed removed

J 7623 I 1

N 25°47'32"E 366.20

N 25°19'06"E

N 25°50'00"E

N 26°03'E

N 26°11'26"E

N 26°11'26"E 338.92

87.85

191.85

315.20

385.04

453.02

N 63°57'00"W

552.95

CLINTON STREET

12 TH AVE.

used west side square limestone buried 9"

TANK'S 5TH ADDITION

NORWOOD AVE.

GREENWOOD AVE.

OAKLAND AVE.

WISCONSIN R. E. STRASSBURGER S-1043 Green Bay, WI LAND SURVEYOR

SCALE MAY NOT AGREE AS NOTED BECAUSE OF COPY PROCESSING

○ indicates pk nail set

• 1" steel pipe found

Client requested no monuments be set

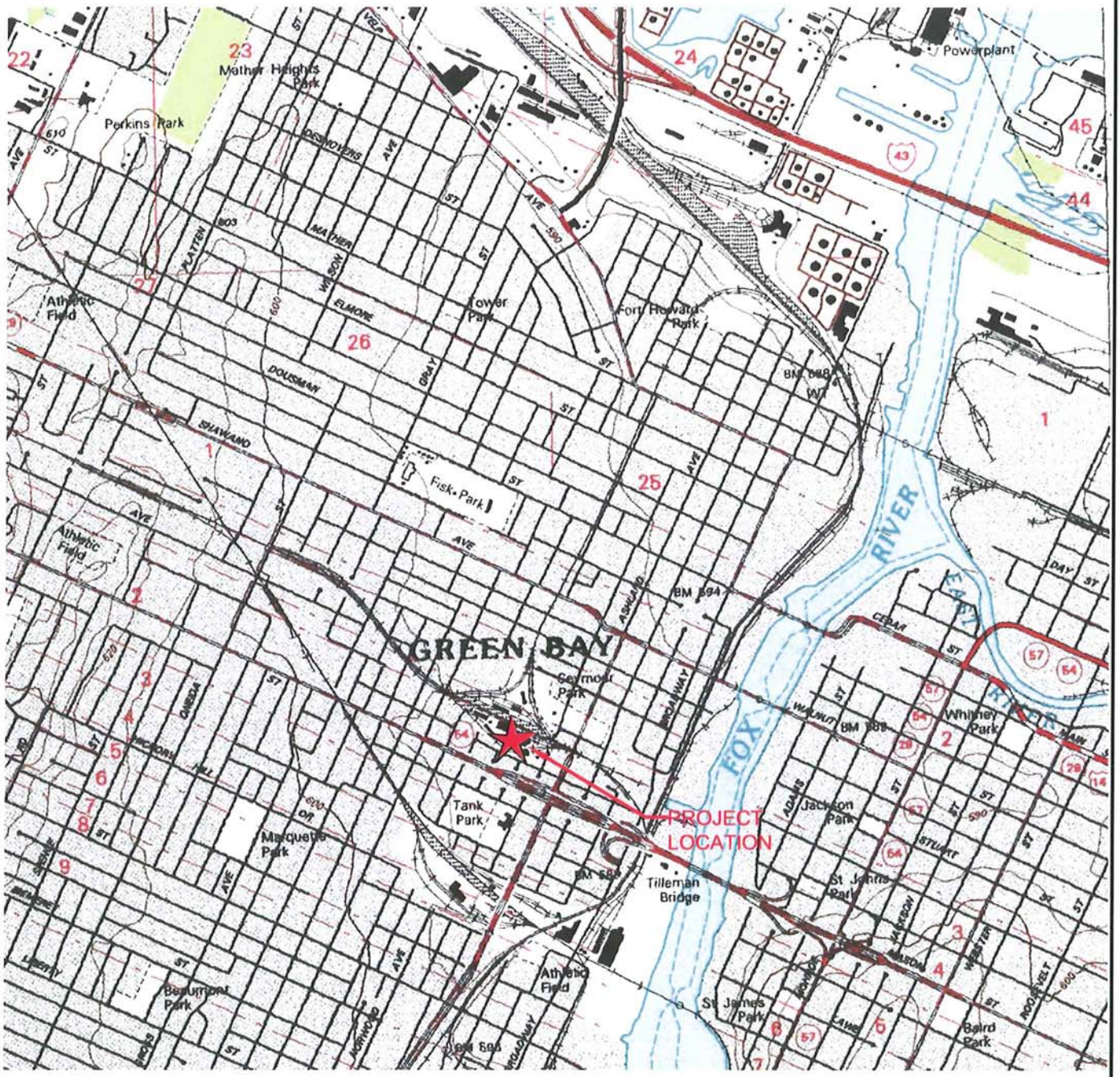
STATEMENT OF PROPERTY LEGAL DESCRIPTION

As required by s. NR 726.05(3) of the Wisconsin Administrative Code, I am providing this signed statement that, to the best of my knowledge, the legal description shown is complete and accurate for the Wisconsin Central, Ltd. – Norwood Yard Aboveground Storage Tank Site located on 840 Chilton Street in the City of Green Bay, Brown County, Wisconsin.

By: _____
(Signature)

Title: Environmental Coordinator

Date: 29 MAY 2007



LEGEND

★ PROJECT LOCATION

N

2000 0 2000 4000

1" = 2000'

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SITE LOCATION MAP
WISONSIN CNETRAL LTD
NORWOOD YARD - CHLORINATED SITE
840-0858 CLINTON STREET
GREEN BAY, WISCONSIN

Drawn :	MAS	4/4/2007
Checked:	AGM	4/4/2007
Approved:	GHI	XX/XX/2007
PROJECT NUMBER	415862WG	
FIGURE NUMBER	1	

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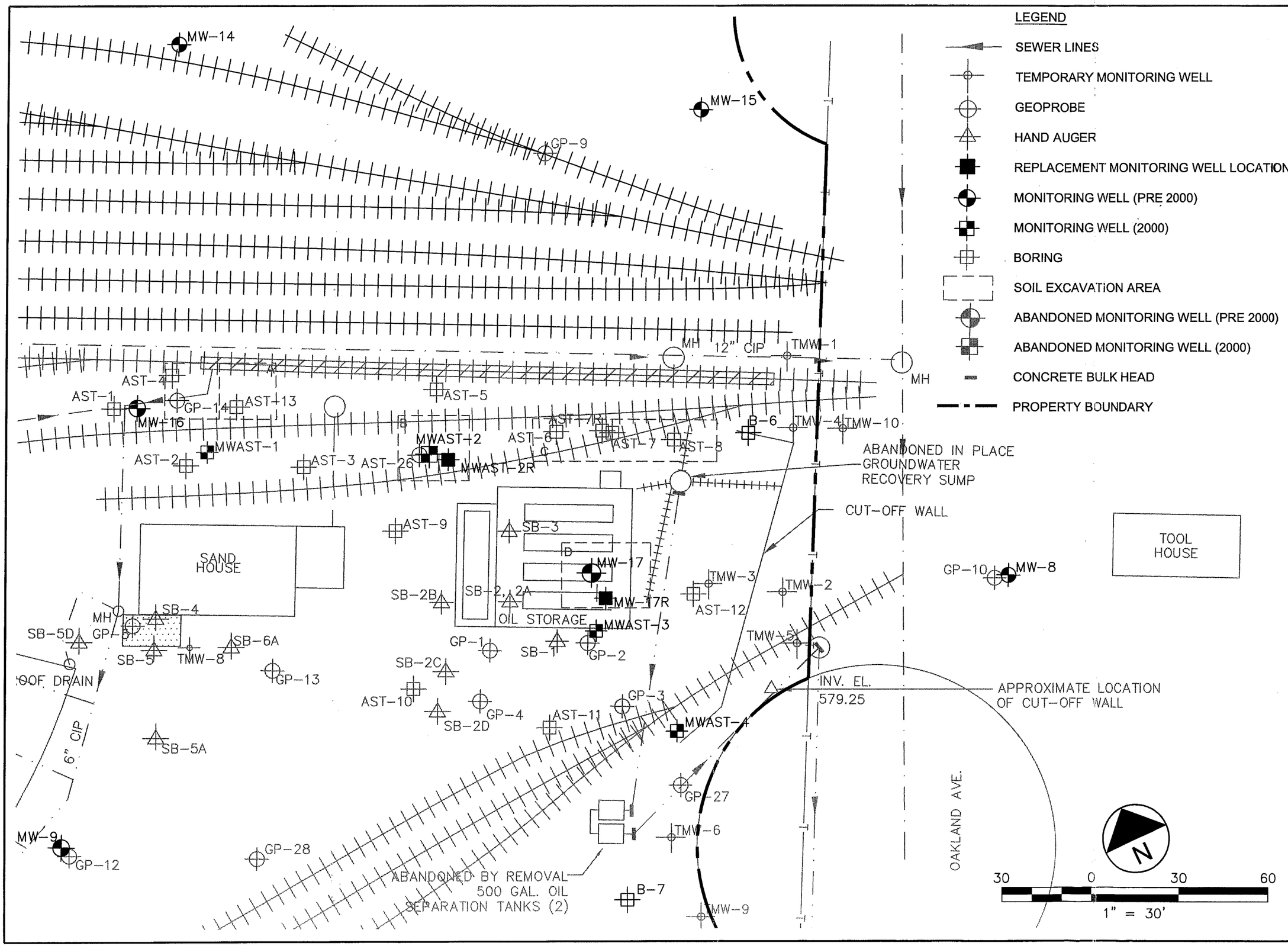

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EXISTING CONDITIONS (SPRING 2007)
WISCONSIN CENTRAL LTD
NORWOOD YARD - AST SITE
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN

Drawn :	MAS	4/13/2007
Checked:	AGM	4/13/2007
Approved:		
PROJECT NUMBER	415862WG	
FIGURE NUMBER	2	

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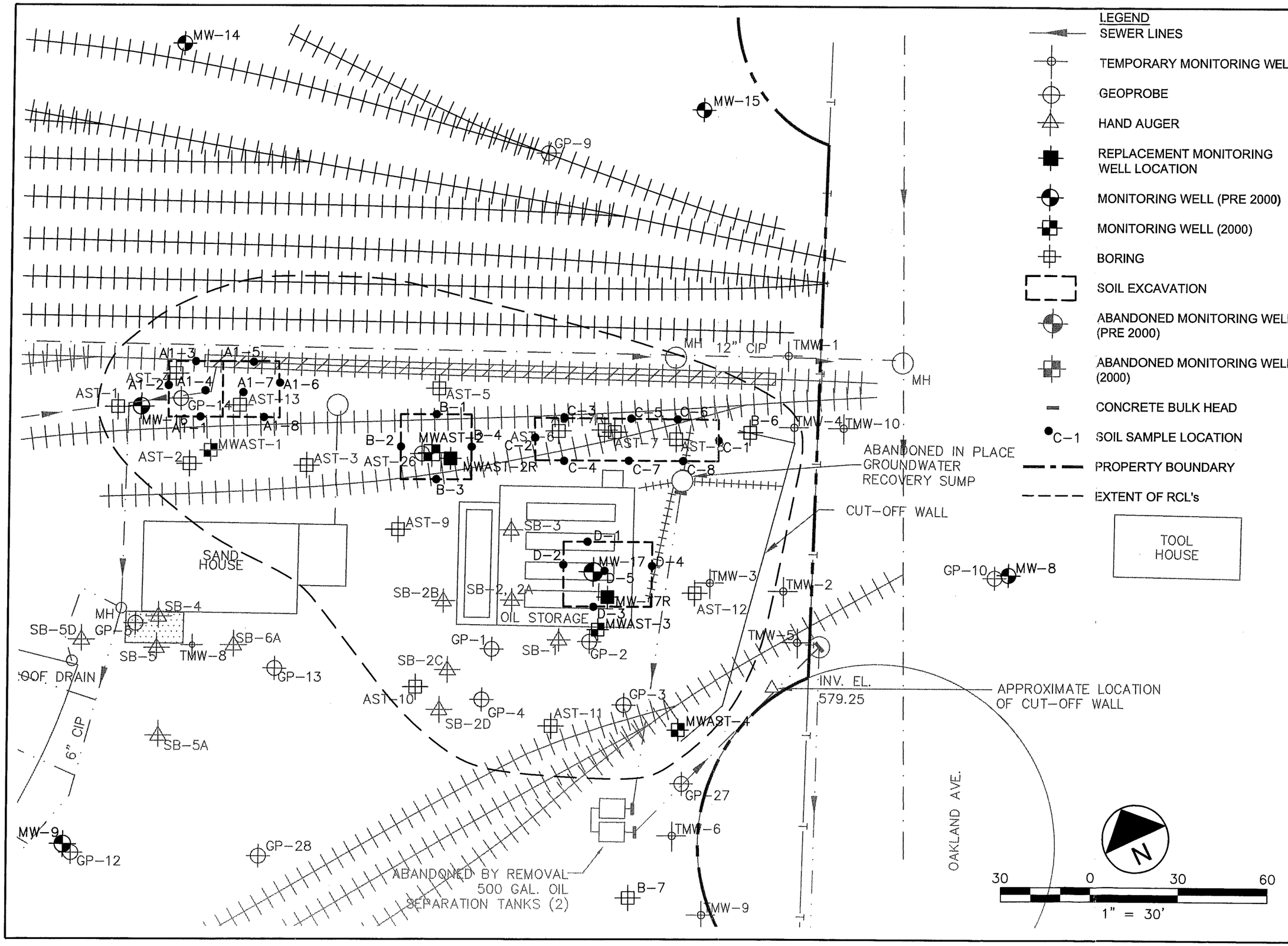

LEGEND

- SEWER LINES
- TEMPORARY MONITORING WELL
- GEOPROBE
- HAND AUGER
- REPLACEMENT MONITORING WELL LOCATION
- MONITORING WELL (PRE 2000)
- MONITORING WELL (2000)
- BORING
- SOIL EXCAVATION
- ABANDONED MONITORING WELL (PRE 2000)
- ABANDONED MONITORING WELL (2000)
- CONCRETE BULK HEAD
- C-1 SOIL SAMPLE LOCATION
- PROPERTY BOUNDARY
- EXTENT OF RCL's

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SOIL EXCAVATION DIAGRAM
WISCONSIN CENTRAL LTD
NORWOOD YARD - CHLORINATED SITE
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN

Drawn :	MAS	4/13/2007
Checked:	AGM	4/13/2007
Approved:		
PROJECT NUMBER	415862WG	
FIGURE NUMBER	3	

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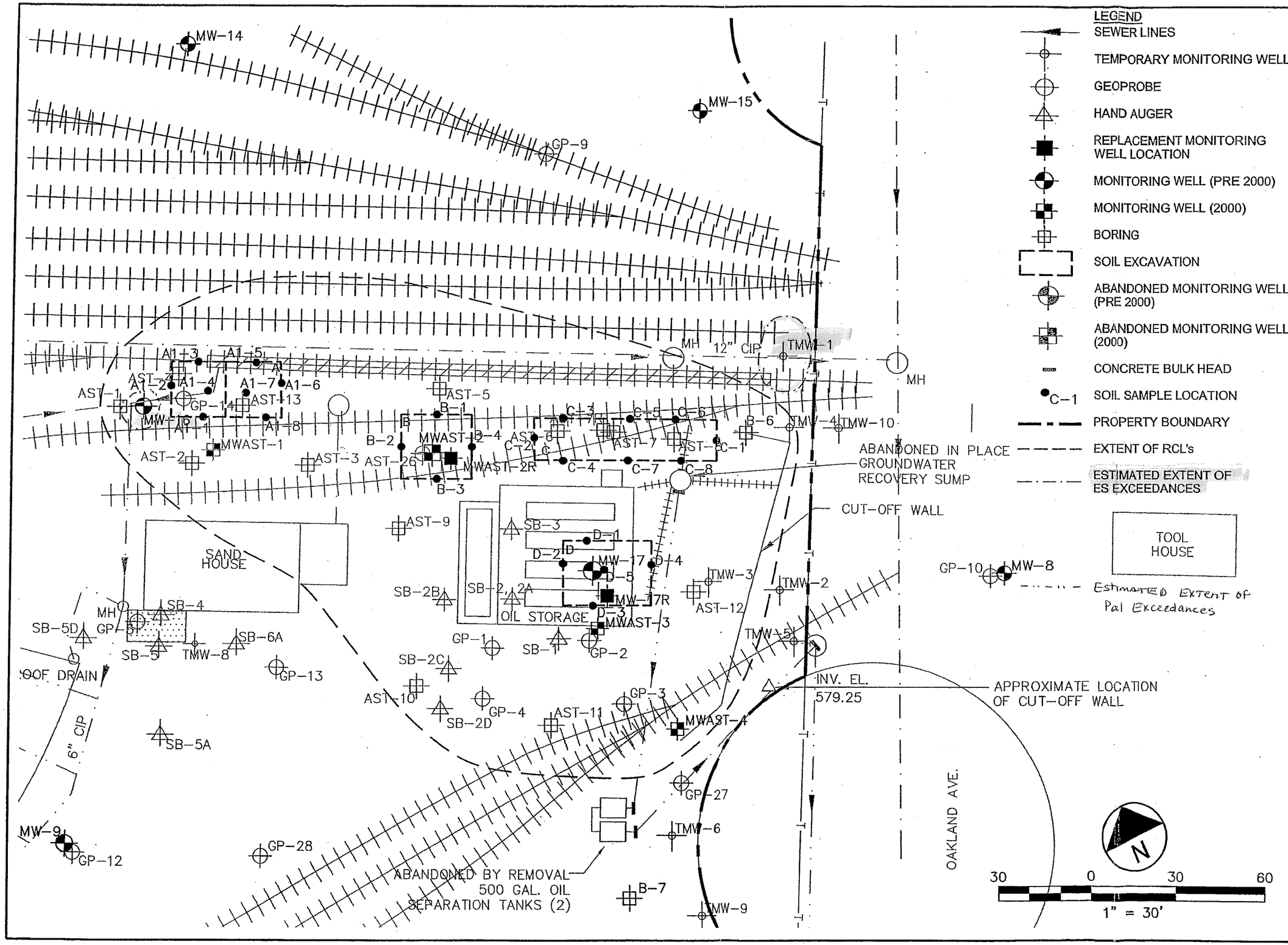

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CONTAMINATED PROPERTIES WITHIN SITE BOUNDARIES
WISCONSIN CENTRAL LTD
NORWOOD YARD - CHLORINATED SITE
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN

Drawn:	MAS	10/5/2007
Checked:	LAS	10/5/2007
Approved:		
PROJECT NUMBER	415862WG	
FIGURE NUMBER	10	

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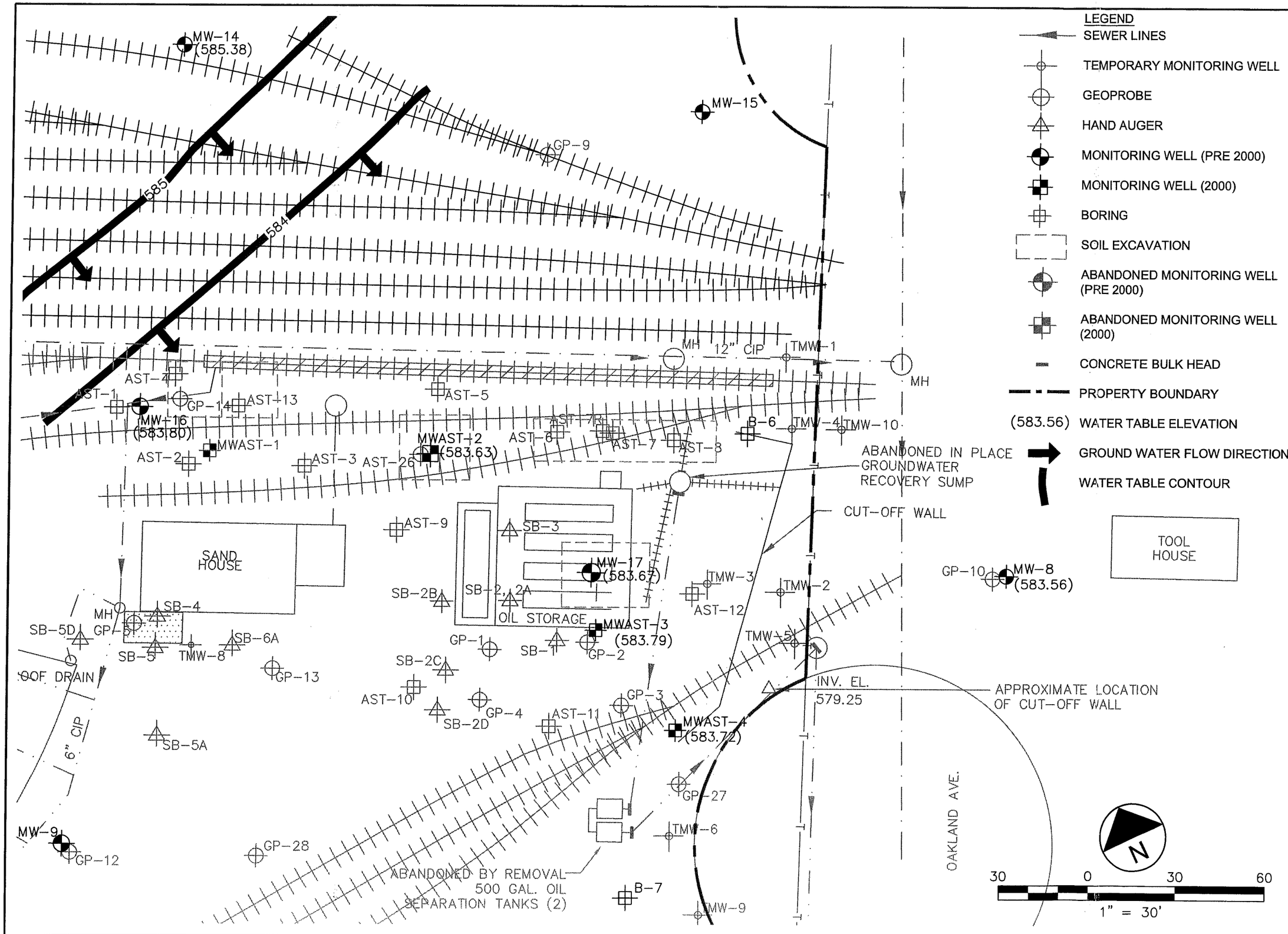

LEGEND

- SEWER LINES
- TEMPORARY MONITORING WELL
- GEOPROBE
- HAND AUGER
- MONITORING WELL (PRE 2000)
- MONITORING WELL (2000)
- BORING
- SOIL EXCAVATION
- ABANDONED MONITORING WELL (PRE 2000)
- ABANDONED MONITORING WELL (2000)
- CONCRETE BULK HEAD
- PROPERTY BOUNDARY
- (583.56) WATER TABLE ELEVATION
- GROUND WATER FLOW DIRECTION
- WATER TABLE CONTOUR

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WATER TABLE CONTOUR (4/15/2004)
WISCONSIN CENTRAL LTD
NORWOOD YARD - AST SITE
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN

Drawn :	MAS	4/13/2007
Checked:	AGM	4/13/2007
Approved:		
PROJECT NUMBER	415862WG	
FIGURE NUMBER	4	

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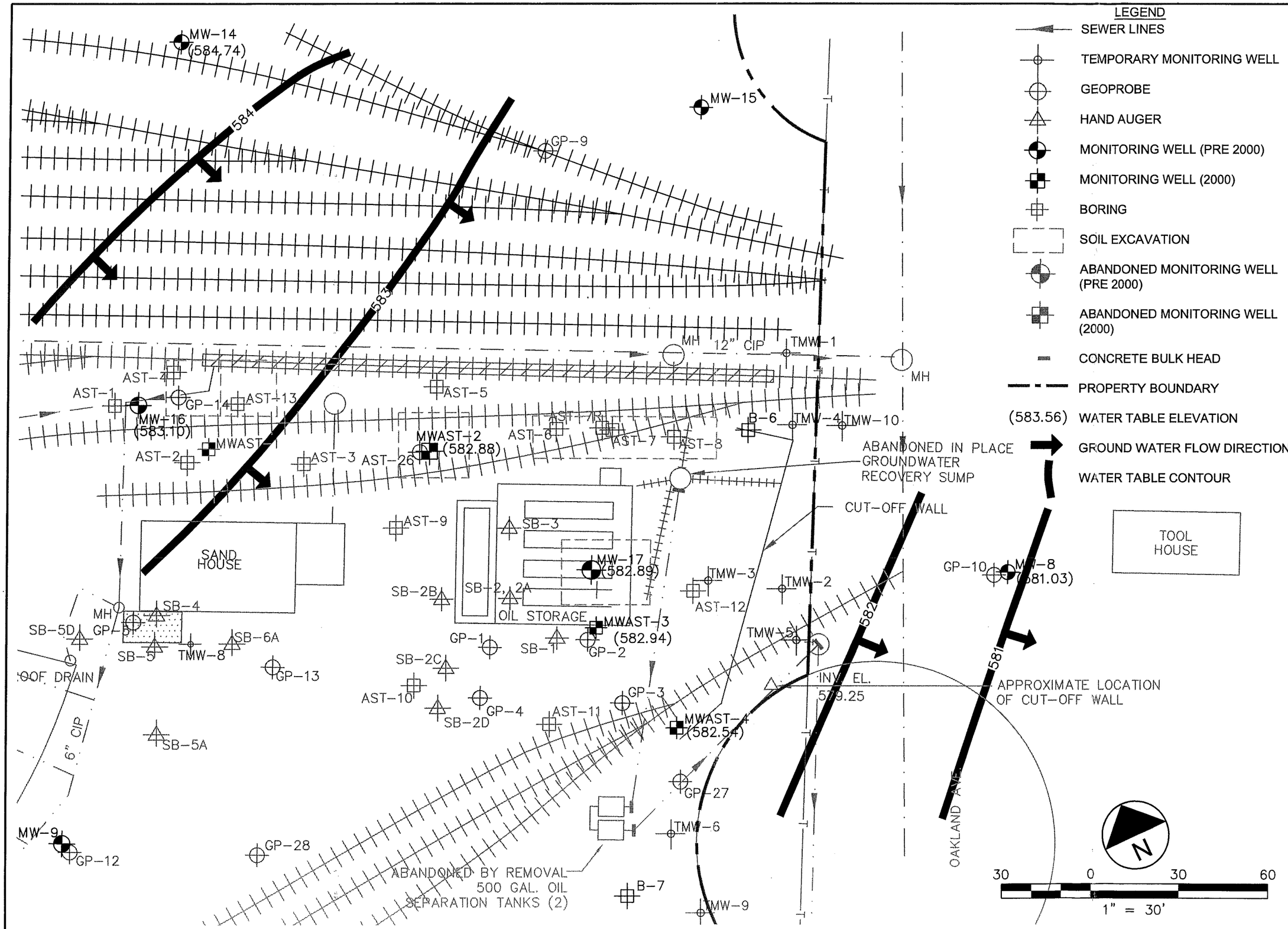

LEGEND

- SEWER LINES
- TEMPORARY MONITORING WELL
- GEOPROBE
- HAND AUGER
- MONITORING WELL (PRE 2000)
- MONITORING WELL (2000)
- BORING
- SOIL EXCAVATION
- ABANDONED MONITORING WELL (PRE 2000)
- ABANDONED MONITORING WELL (2000)
- CONCRETE BULK HEAD
- PROPERTY BOUNDARY
- (583.56) WATER TABLE ELEVATION
- GROUND WATER FLOW DIRECTION
- WATER TABLE CONTOUR

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WATER TABLE CONTOUR (7/22/2005)
WISCONSIN CENTRAL LTD
NORWOOD YARD - AST SITE
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN

Drawn:	MAS	4/13/2007
Checked:	AGM	4/13/2007
Approved:		
PROJECT NUMBER	415862WG	
FIGURE NUMBER	5	

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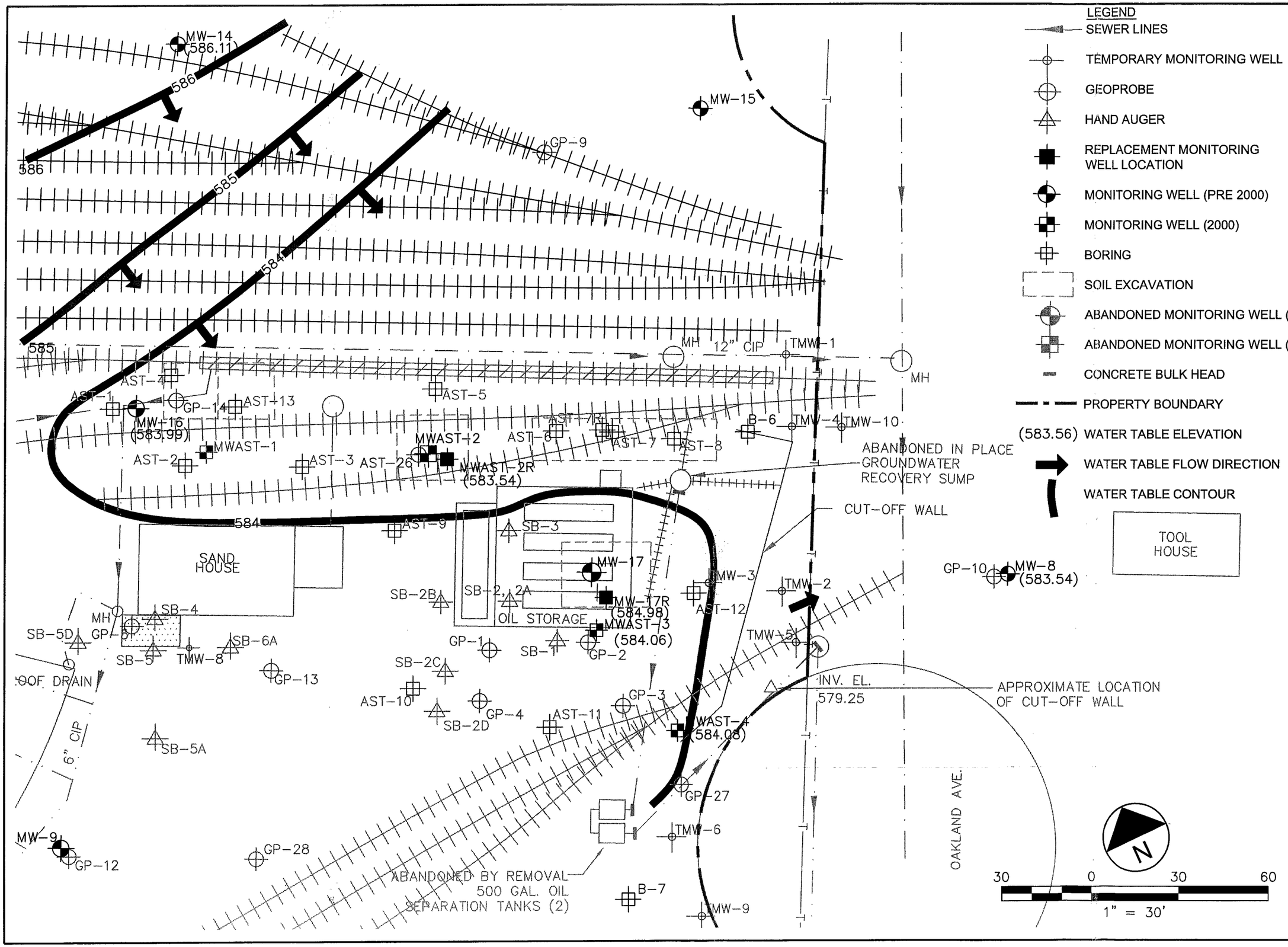

LEGEND

- SEWER LINES
- TEMPORARY MONITORING WELL
- GEOPROBE
- HAND AUGER
- REPLACEMENT MONITORING WELL LOCATION
- MONITORING WELL (PRE 2000)
- MONITORING WELL (2000)
- BORING
- SOIL EXCAVATION
- ABANDONED MONITORING WELL (PRE 2000)
- ABANDONED MONITORING WELL (2000)
- CONCRETE BULK HEAD
- PROPERTY BOUNDARY
- (583.56) WATER TABLE ELEVATION
- WATER TABLE FLOW DIRECTION
- WATER TABLE CONTOUR

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WATER TABLE CONTOUR (10/23/2006)
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GREEN BAY, WISCONSIN

Drawn:	MAS	4/13/2007
Checked:	AGM	4/13/2007
Approved:		
PROJECT NUMBER	415862WG	
FIGURE NUMBER	6	

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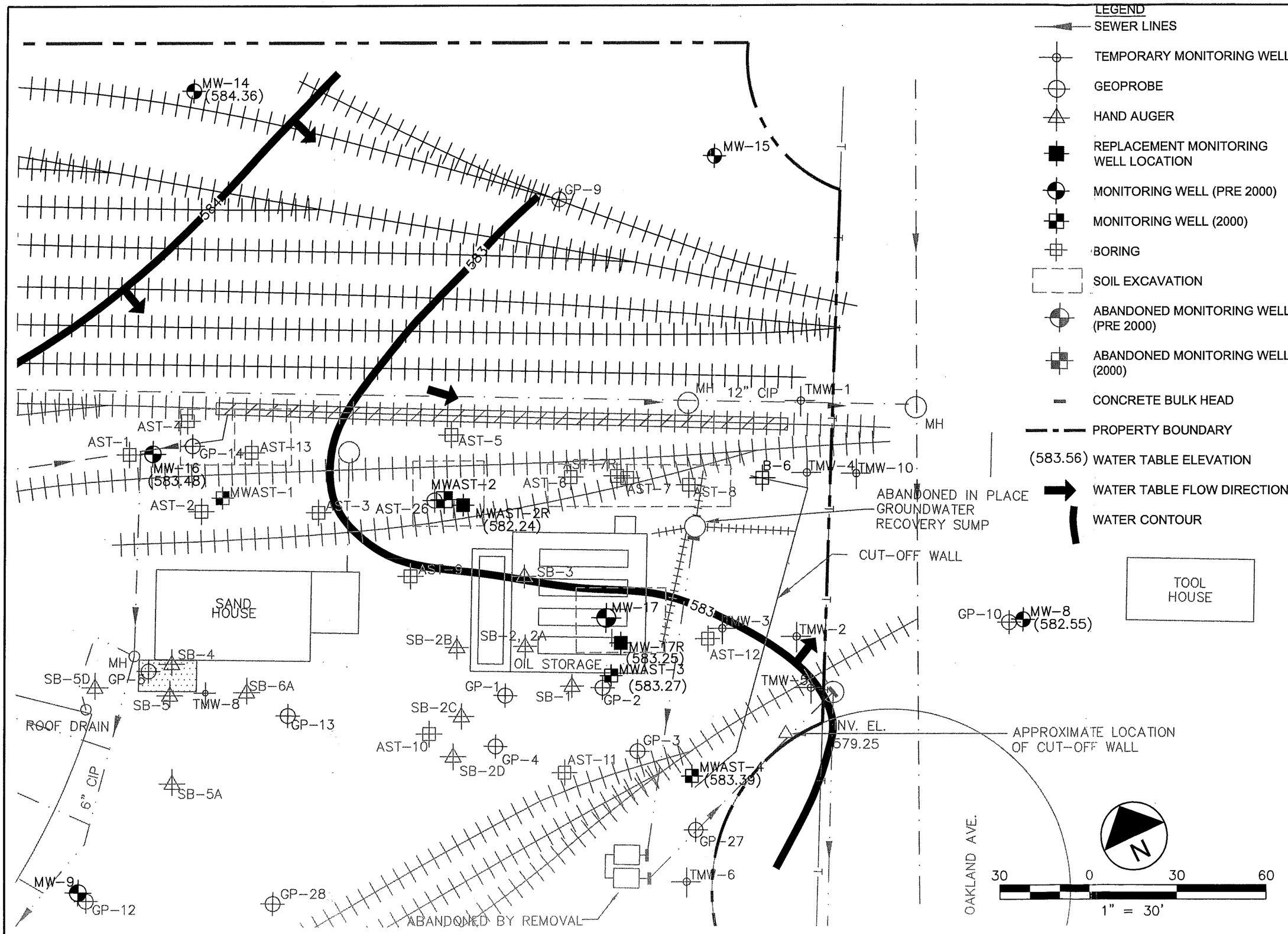

LEGEND

- SEWER LINES
- TEMPORARY MONITORING WELL
- GEOPROBE
- HAND AUGER
- REPLACEMENT MONITORING WELL LOCATION
- MONITORING WELL (PRE 2000)
- MONITORING WELL (2000)
- BORING
- SOIL EXCAVATION
- ABANDONED MONITORING WELL (PRE 2000)
- ABANDONED MONITORING WELL (2000)
- CONCRETE BULK HEAD
- PROPERTY BOUNDARY
- (583.56) WATER TABLE ELEVATION
- WATER TABLE FLOW DIRECTION
- WATER CONTOUR

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WATER TABLE CONTOUR (1/31/2007)
WISCONSIN CENTRAL LTD
NORWOOD YARD - AST SITE
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN

Drawn:	MAS	4/13/2007
Checked:	AGM	4/13/2007
Approved:		
PROJECT NUMBER	415862WG	
FIGURE NUMBER	7	

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TABLE 2
LABORATORY ANALYTICAL RESULTS - SOIL
CANADIAN NATIONAL/WISCONSIN CENTRAL, LTD.
NORWOOD YARD - AST SITE
PIN NOS. 23555/WIPR/100432 AND 2355/WIPR/100328
840-858 CLINTON STREET
GREEN BAY, WISCONSIN
STS PROJECT NO. 4-15862WG

Sample Number		A1-1	A1-2	A1-3	A1-4	A1-5	A1-6	A1-7	A1-8	B-1	B-2	B-3	B-4	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	D-1	D-2	D-3	D-4	D-5	NR 720	NR 720	NR 746
Depth (Feet)		2'	2' - 3'	2' - 3'	6.5'	2' - 3'	2' - 3'	4'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	2' - 3'	8'	Soil	Groundwater	Soil
PID		5	55	68	<1.0	35	42	68	10	25	13	17	11	52	19.7	136	2	8	38	2	2	125	157	125.0	1.5	<1.0	Industrial Direct	Pathway	Screening
Date	Units	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	10/4/06	Contact RCLs	Values	Levels
VOCs																													
Benzene	ug/kg	**280**	<310	<500	<25	<250	<500	<500	<28	<200	<29	<25	**120**	<25	**230**	**960**	**51**	**120**	**41**	**32**	**32**	<1,000	<620	<1,200	<25	<25	**52,000**	**5.5**	**8,500**
1,2-Dichloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**31,400**	**4.9**	**600**
Ethylbenzene	ug/kg	460	<310	2,700	<25	1,400	**5,400**	**2,900**	54	760	120	200	710	<25	960	2,800	320	620	220	230	180	2,300	**3,300**	**7,900**	<25	<25	**102,000,000**	**2,900**	**4,600**
Methyl-tert-butyl-ether	ug/kg	<25	<310	<500	<25	<250	<500	<500	<28	<200	<29	<26	<28	<25	<29	<570	<25	<29	<25	<25	<25	<1,000	<620	<1,200	<25	<25	---	---	---
Naphthalene	ug/kg	1,100	**6,500**	**18,000**	<25	**11,000**	**18,000**	**24,000**	400	**7,400**	1,000	1,500	2,000	110	1,900	**21,000**	1,100	1,400	790	1,200	1,100	**41,000**	**41,000**	**37,000**	31	<25	**4,000,000**	**400**	**2,700**
Toluene	ug/kg	1,400	<310	<500	<25	<250	<500	890	<28	420	43	140	930	<25	1,100	1,300	320	700	240	170	290	<1,000	<620	<1,200	<25	<25	**81,800,000**	**1,500**	**38,000**
1,2,4-Trimethylbenzene	ug/kg	940	3,000	**9,000**	<25	3,900	7,000	**10,000**	270	2,200	420	350	1,100	<25	1,200	**8,600**	690	850	510	750	780	**24,000**	**24,000**	**55,000**	<25	<25	**51,100,000**	**7,573**	**83,000**
1,3,5-Trimethylbenzene	ug/kg	240	**3,800**	**5,700**	<25	**4,600**	**8,100**	**9,100**	220	1,400	140	130	230	47	370	**7,200**	170	260	250	140	160	**12,000**	**19,000**	**21,000**	<25	<25	**51,100,000**	**3520**	**11,000**
Total Xylene	ug/kg	2,900	1,800	**4,730**	<75	3,670	**8,500**	**8,700**	140	2,210	398	530	2,300	<75	2,200	**9,400**	1,260	1,620	610	910	1,000	**7,200**	**9,800**	**8,000**	<75	<75	**2.04×10^9**	**4,100**	**42,000**

Notes:

ug/kg - Micrograms per kilograms

35 - Concentration exceeds RCL (underlined)

--- - No Criteria Established

NA - Not Analyzed

Generic RCLS not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the default values contained in Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site WDNR PUB-RR-682 on May 12, 2006

TABLE 4
LABORATORY ANALYTICAL RESULTS - GROUNDWATER
CANADIAN NATIONAL/WISCONSIN CENTRAL, LTD.
NORWOOD YARD - AST SITE
PIN NOS. 23555/WIPR/100432 AND 23555/WIPR/100326
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN
STS PROJECT NO. 4-15862WG

	Analyte	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Benzene	Bromo-methane	Carbon Tetra-chloride	Chloro-ethane	Chloroform	Chloro-methane	cis 1,2-Dichloro-ethene	cis,trans-1,3-Dichloro-propane	Dichloro-difluoro-methane	Ethyl-benzene	Isopropyl-benzene (Cumene)	Methylene Chloride	Naphtha-lene	n-Butyl-benzene	n-Propyl-benzene	p-Isopropyl-toluene	sec,tert-Butly-benzene	Tetrachloro-ethene	Toluene	Total Trimethyl-benzenes	trans-1,2-Dichloro-ethylene	Trichloro-ethene	Vinyl Chloride	m,o,&p-Xylene
	ES	200	0.2	5.0	850	7.0	600	5.0	5.0	1250	75	5.0	10	5.0	400	6.0	3.0	70	0.2	1000	700	-	5.0	40	-	-	-	-	5.0	1,000	480	100	5.0	0.2	10,000
	PAL	40	0.02	0.5	85	0.7	60	0.5	0.5	125	15	0.5	1.0	0.5	80	0.6	0.3	7.0	0.02	200	140	-	0.5	8.0	-	-	-	-	0.5	200	96	20	0.5	0.02	1,000
	Units	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
B-6	12/30/1996	<2.8	<1.8	<1.6	<1.6	<1.5	<0.9	<1.1	<0.7	<1.1	<0.7	<0.5	<1.2	<2.0	<1.2	<0.8	<1.1	<2.1	<2.0	<1.3	<0.6	<0.6	<1.5	2.2	<1.9	<0.8	<1.3	<3.5	<0.9	<0.6	<2.6	<1.1	<0.7	<1.3	0.7
	4/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	3.16	NA	NA	NA	<2.0
	8/7/2000	<3.3	<13	<5.0	<2.5	<4.5	<0.9	<8.8	<6.8	<2.9	<2.9	<4.7	NA	<5.7	<7.1	4.8	<3.2	<4.7	NA	<5.2	<3.3	<3.1	14+	<2.1	<4.5	<3.1	<3.2	<7.0	<3.6	<2.8	<5.9	<4.3	<2.5	<5.9	<7.5
	5/18/2001	<13	<52	<20	<9.8	<18	<3.6	<35	<27	<11	<11	<19	NA	<23	<28	<18	<13	35	NA	<21	<13	<12	<12	<8.2	<18	<12	<13	<28	<14	<11	<23	<17	<9.8	<23	<30
	5/1/2002(1)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	*7/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	*10/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	12/23/1996	<0.30	<0.52	<0.20	<0.15	<0.40	<0.38	<0.35	<0.09	<0.49	<0.45	<0.19	<0.17	<0.23	<0.50	<0.18	<0.24	<0.19	<0.24	<0.59	0.52	<0.23	1.7	<0.54	<0.76	<0.36	<0.52	<0.63	<0.34	0.41	0.59	<0.21	<0.21	2.29+	<0.57
	8/7/2000	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	<0.19	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	0.14	<0.12	<0.12	<0.082	<0.18	<0.12	<0.13	<0.28	<0.14	0.26	<0.23	<0.17	<0.098	<0.23	<0.3
	5/18/2001	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	<0.19	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	<0.13	<0.12	<0.12	<0.082	<0.18	<0.12	<0.13	<0.28	<0.14	<0.11	<0.23	<0.17	<0.098	<0.23	<0.3
	5/1/2002	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	9.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<3.0
	10/8/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	4/15/2004	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	7/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	<0.47	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
	10/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	<0.47	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
	1/31/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	<0.47	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
MW-14	12/23/1996	<0.30	<0.52	<0.20	<0.15	<0.40	<0.38	<0.35	<0.09	<0.49	<0.45	<0.19	<0.17	<0.23	<0.50	<0.18	<0.24	<0.19	<0.24	<0.59	<0.19	<0.23	1.58	<0.54	<0.76	<0.36	<0.52	<0.63	<0.34	<0.11	<0.81	<0.21	<0.21	<0.31	<0.57
	5/18/2001	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	<0.19	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	<0.13	<0.12	<0.12	<0.082	<0.18	<0.12	<0.13	<0.28	<0.14	<0.11	<0.23	<0.17	<0.098	<0.23	<0.3
	5/1/2002	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	10/8/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	4/15/2004	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	7/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	<0.47	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
	10/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	<0.47	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
	1/31/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	<0.47	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
MW-16	12/30/1996	<2.8	<1.8	<1.6	<1.6	<1.5	<0.9	<1.1	<0.7	<1.1	<0.7	<0.5	<1.2	<2.0	<1.2	<0.8	<1.1	<2.1	<2.0	<1.3	1.3	0.8	<1.5	170+	11	<0.8	<1.3	<3.5	<0.9	1.7	4.2	<1.1	<0.7	<1.3	6.4
	4/20/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	2701+	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<2.0	NA	NA	NA	3.24
	8/7/2000	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	<0.19	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	0.61	0.58	<0.12	4.4	<0.18	<0.12	<0.13	0.36	<0.14	0.24	0.13	<0.17	<0.098	<0.23	0.89
	5/18/2001	<6.6	<26	<10	<4.9	<9.0	<1.8	<18	<14	<13	<5.7	<9.4	NA	<11	<14	<8.9	<6.4	<9.3	NA	<10	<6.6	<6.1	<5.9	59+	<8.9	<6.1	<6.3	<13.8	<7.1	<5.5	<11.8	<8.6	<4.9	<12	<15
	10/8/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	4/15/2004	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	7/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14	NA	NA	NA	NA	NA	NA	NA	NA	2.8	NA	NA	42	NA	NA	NA	NA	NA	0.44	2.4	NA	NA	NA	4.9
	10/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	8.2	NA	NA	NA	NA	NA	<0.36	0.46	NA	NA	NA	0.91
	1/31/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	0.59	NA	NA	14	NA	NA	NA	NA	NA	<0.36	0.43	NA	NA	NA	1.3
MW-17	12/30/1996	<2.8	<1.8	<1.6	<1.6	<1.5	<0.9	<1.1	<0.7	<1.1	<0.7	<0.5	<1.2	<2.0	<1.2	<0.8	<1.1	<2.1	<2.0	<1.3	1.4	4.9	<1.5	8.9	2.9	<0.8	1.5	4.7	<0.9	<0.6	5.1	<1.1	<0.7	<1.3	4.4
	5/18/2001	<3.3	<13	<5.0	<2.5	<4.5	<0.9	<8.8	<6.8	<2.9	<2.9	<4.7	NA	<5.7	<7.1	<4.5	<3.2	<4.7	NA	<5.2	49	9.1	<3.0	73+	<4.5	17	<3.2	<7.0	<3.6	<2.8	171	<4.3	<2.5	<5.9	230
	5/1/2002	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0
	10/8/2003	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	<1.0	<1.0	2.1	4.3	<1.0	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	4/15/2004	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.8	<1.0	2.4	7.5	10	<1.0	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
	7/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	18	NA	NA	NA	NA	NA	<0.36	0.87	NA	NA	NA	0.84
MW-17R	10/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	1.7	NA	NA	NA	NA	NA	<0.36	1.11	NA	NA	NA	<1.1
	1/31/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	0.86	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
MWAST-1	8/7/2000	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	1.3	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	0.16	0.22	<0.12	2.0	0.21	<0.12	<0.13	0.72	<0.14	1.2	0.38	<0.17	<0.098	<0.23	1.4
	11/28/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1	NA	NA	NA	NA	NA	NA	NA	NA	<0.13	NA	NA	NA	NA	NA	NA	NA	NA	0.71	0.55	NA	NA	NA	0.9
	5/18/2001	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	0.85	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	<0.13	<0.12	<0.12	1.4	<0.18	<0.12	<0.13	<0.28	<0.14	0.6	0.3	<0.17	<0.098	<0.23	0.96
	5/1/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	<1.0	NA	NA	NA	NA	NA	<1.0	<2.0	NA	NA	NA	<3.0
	*7/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-AST-2	8/7/2000	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	0.44	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	0.51	9.3	<0.12	0.92	3.2	7.3	0.19	7.01	<0.14	0.35	1.0	<0.17	<0.098	<0.23	0.42
	11/28/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.19	NA	NA	NA	NA	NA	NA	NA	NA	<0.13	NA	NA	NA	NA	NA	NA	NA	NA	0.17	0.22	NA	NA	NA	0.4
	5/18/2001	<6.6	<26	<10	<4.9	<9.0	<1.8	<18	<14	<5.7	<5.7	<9.4	NA	<11	<14	<8.9	<6.4	<9.3	NA	<10	<6.6	<6.1	<5.9	<4.1	<8.9	<6.1	<6.3	<13.8	<7.1	<5.5	<11.8	<8.6	<4.9	<12	<15
	5/1/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	<1.0	NA	NA	NA	NA	NA	<1.0	<2.0	NA	NA	NA	<3.0
	7/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	13	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
MW-AST-2R	10/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.33	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	6.6	NA	NA	NA	NA	NA	<0.36	0.48	NA	NA	NA	0.64
	1/31/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.18	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	4.1	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	0.42
MW-AST-3	8/7/2000	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	0.64	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	0.28	2.5	<0.12	1.6	1.7	3.5	0.14	1.69	<0.14	0.8	0.98	<0.17	<0.098	<0.23	1.5
	11/28/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	<6.0	NA	NA	NA	NA	NA	NA	NA	NA	<6.0	<26	NA	NA	NA	<17
	5/18/2001	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	<0.19	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	<0.13	0.46	<0.12	0.38	<0.18	<0.12	<0.13	0.3	<0.14	0.16	0.96	<0.17	<0.098	<0.23	<0.30
	5/1/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	<1.0	NA	NA	NA	NA	NA	<1.0	<2.0	NA	NA	NA	<3.0
	7/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	2.4	NA	NA	NA	NA	NA	0.55	<0.79	NA	NA	NA	<1.1
	10/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	0.58	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
	1/31/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	1.1	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
MW-AST-4	8/7/2000	<0.13	<0.52	<0.2	<0.098	<0.18	<0.036	<0.35	<0.27	<0.11	<0.11	<0.19	NA	<0.23	<0.28	<0.18	<0.13	<0.19	NA	<0.21	<0.13	1.3	<0.12	0.78	0.85	2.1	0.52	1.15	<0.14	0.43	2.42	<0.17	<0.098	<0.23	1.0
	11/28/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	1.5	<2.6	NA	NA	NA	2.1
	5/18/2001	<6.6	<26	<10	<4.9	<9.0	<1.8	<18	<14	<5.7	<5.7	<9.4	NA	<11	<14	<8.9	<6.4	<9.3	NA	<10	<6.6	<6.1	<5.9	<4.1	<8.9	<6.1	<6.3	<13.8	<7.1	<5.5	<11.8	<8.6	<4.9	<12	<15
	5/1/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	<1.0	NA	NA	NA	NA	NA	<1.0	1.4	NA	NA	NA	<3.0
	7/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.19	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	2.9	NA	NA	NA	NA	NA	0.61	<0.79	NA	NA	NA	0.41
	10/23/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	1.2	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1
	1/31/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	<0.40	NA	NA	1.3	NA	NA	NA	NA	NA	<0.36	<0.79	NA	NA	NA	<1.1

ES = WDNR NR 140 Enforcement Standard established March 2000.
PAL = WDNR NR 140 Preventive Action Limit established March 2000.
5.0
0.5
(1) An acetone detection of 5.8 mg/l (May 1, 2002) is well below the NR140 PAL of 200 µg/l .
NA - Not Analyzed
ND - Not Detected
*Well is bent and bailer is stuck in well, could not sample 7/22/2005 & 10/23/2006

TABLE 5
GROUNDWATER ANALYTICAL RESULTS
FORMER GREEN BAY AND WESTERN RAILROAD
NORWOOD YARD - FORMER LOCOMOTIVE REFUELING AND AST SYSTEM
GREEN BAY, WISCONSIN

Analyte	Units	B-6 12/30/96	B-6 4/20/98	B-7 12/23/96	B-7 4/20/98	MW-8 12/23/96	MW-14 12/23/96	MW-15 12/23/96	MW-17 12/30/96	TMW-1 11/12/97	TMW-2 4/20/98	TMW-3 4/20/98	TMW-4 4/20/98	TMW-5 4/20/98	TMW-6 4/20/98	TMW-9 4/23/98	TMW-10 4/23/98	ES	PAL
VOC																			
Benzene	(µg/l)	<0.5	<0.5	<0.5	<0.5	<0.19	<0.19	<0.19	<0.5	<0.21	<2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	0.5
n-Butylbenzene	(µg/l)	<1.9	NA	<1.9	NA	<0.76	<0.76	<0.76	2.9	8.3	NA	NA	NA	NA	NA	NA	NA	-	-
sec,tert-Butlybenzene	(µg/l)	<3.5	NA	<3.5	NA	<0.63	<0.63	<0.63	4.7	2.7	NA	NA	NA	NA	NA	NA	NA	-	-
Bromomethane	(µg/l)	<1.2	NA	<1.2	NA	<0.17	<0.17	<0.17	<1.2	--	NA	NA	NA	NA	NA	NA	NA	10	1
Carbon Tetrachloride	(µg/l)	<2.0	NA	<2.0	NA	<0.23	<0.23	<0.23	<2.0	<0.13	NA	NA	NA	NA	NA	NA	NA	5	0.5
Chloroethane	(µg/l)	<1.2	NA	<1.2	NA	<0.50	<0.50	<0.50	<1.2	<0.63	NA	NA	NA	NA	NA	NA	NA	400	80
Chloroform	(µg/l)	<0.8	NA	<0.8	NA	<0.18	<0.18	0.61	<0.8	<0.1	NA	NA	NA	NA	NA	NA	NA	6	0.6
Chloromethane	(µg/l)	<1.1	NA	<1.1	NA	<0.24	<0.24	<0.24	<1.1	<0.083	NA	NA	NA	NA	NA	NA	NA	3	0.3
1,2-Dichlorobenzene	(µg/l)	<0.9	NA	<0.9	NA	<0.38	<0.38	<0.38	<0.9	<0.24	NA	NA	NA	NA	NA	NA	NA	600	60
1,3-Dichlorobenzene	(µg/l)	<1.1	NA	<1.1	NA	<0.49	<0.49	<0.49	<1.1	<0.28	NA	NA	NA	NA	NA	NA	NA	1250	125
1,4-Dichlorobenzene	(µg/l)	<0.7	NA	<0.7	NA	<0.45	<0.45	<0.45	<0.7	<0.23	NA	NA	NA	NA	NA	NA	NA	75	15
Dichlorodifluoromethane	(µg/l)	<1.3	NA	<1.3	NA	<0.59	<0.59	<0.59	<1.3	<0.2	NA	NA	NA	NA	NA	NA	NA	1000	200
1,1-Dichloroethane	(µg/l)	<1.6	NA	<1.6	NA	<0.15	<0.15	<0.15	<1.6	<0.31	NA	NA	NA	NA	NA	NA	NA	850	85
1,2-Dichloroethane	(µg/l)	<1.1	NA	<1.1	NA	<0.35	<0.35	<0.35	<1.1	<0.14	NA	NA	NA	NA	NA	NA	NA	5	0.5
1,1-Dichloroethylene	(µg/l)	<1.5	NA	<1.5	NA	<0.40	<0.40	<0.40	<1.5	<0.13	NA	NA	NA	NA	NA	NA	NA	7	0.7
cis 1,2-Dichloroethene	(µg/l)	<2.1	NA	<2.1	NA	<0.19	<0.19	<0.19	<2.1	<0.32	NA	NA	NA	NA	NA	NA	NA	70	7
trans-1,2-Dichloroethylene	(µg/l)	<1.1	NA	<1.1	NA	<0.21	<0.21	<0.21	<1.1	<0.11	NA	NA	NA	NA	NA	NA	NA	100	20
Methylene Chloride	(µg/l)	<1.5	NA	<1.5	NA	1.7	1.58	1.1	<1.5	<0.29	NA	NA	NA	NA	NA	NA	NA	5	0.5
1,2-Dichloropropane	(µg/l)	<0.7	NA	<0.7	NA	<0.09	<0.09	<0.09	<0.7	<0.081	NA	NA	NA	NA	NA	NA	NA	5	0.5
cis,trans-1,3-Dichloropropane	(µg/l)	<2.0	NA	<2.0	NA	<0.24	<0.24	<0.24	<2.0	--	NA	NA	NA	NA	NA	NA	NA	0.2	0.02
Ethylbenzene	(µg/l)	<0.6	<1.0	<0.6	<1.0	0.52	<0.19	<0.19	1.4	<0.68	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	700	140
Isopropylbenzene	(µg/l)	<0.6	NA	<0.6	NA	<0.23	<0.23	<0.23	4.9	0.92	NA	NA	NA	NA	NA	NA	NA	-	-
p-Isopropyltoluene	(µg/l)	<1.3	NA	<1.3	NA	<0.52	<0.52	<0.52	1.5	1.1	NA	NA	NA	NA	NA	NA	NA	-	-
n-Propylbenzene	(µg/l)	<0.8	NA	<0.8	NA	<0.36	<0.36	<0.36	<0.8	1.5	NA	NA	NA	NA	NA	NA	NA	-	-
1,1,2,2-Tetrachloroethane	(µg/l)	<1.8	NA	<1.8	NA	<0.52	<0.52	<0.52	<1.8	<0.1	NA	NA	NA	NA	NA	NA	NA	0.2	0.02
Tetrachloroethene	(µg/l)	<0.9	NA	<0.9	NA	<0.34	<0.34	<0.34	<0.9	<0.13	NA	NA	NA	NA	NA	NA	NA	5	0.5
Toluene	(µg/l)	<0.6	<1.0	<0.6	<1.0	0.41	<0.11	<0.11	<0.6	<1.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	343	68.6
1,1,1-Trichloroethane	(µg/l)	<2.8	NA	<2.8	NA	<0.30	<0.30	<0.30	<2.8	<0.37	NA	NA	NA	NA	NA	NA	NA	200	40
1,1,2-Trichloroethane	(µg/l)	<1.6	NA	<1.6	NA	<0.20	<0.20	<0.20	<1.6	<0.064	NA	NA	NA	NA	NA	NA	NA	5	0.5
Trichloroethene	(µg/l)	<0.7	NA	<0.7	NA	<0.21	<0.21	<0.21	<0.7	<0.13	NA	NA	NA	NA	NA	NA	NA	5	0.5
Total Trimethylbenzenes	(µg/l)	<2.6	3.16	<2.6	<2.0	0.59	<0.81	<0.81	5.1	13.5	<10.0	<2.0	1.99	<2.0	1.15	<2.0	<2.0	480	96
Vinyl Chloride	(µg/l)	<1.3	NA	<1.3	NA	<0.57	<0.31	<0.31	<1.3	<0.045	NA	NA	NA	NA	NA	NA	NA	0.2	0.02
m,o,&p-Xylene	(µg/l)	0.7	<2.0	<2.2	<2.0	2.29	<0.57	0.45	4.4	<1.78	<10.0	3.24	1.53	<2.0	<2.0	<2.0	<2.0	620	124
PAH																			
Acenaphthene	(µg/l)	<3.8	<0.11	<1.6	<0.11	<1.7	<1.5	<1.4	<1.9	<0.25	3.38	<0.11	<0.11	<0.11	<0.11	<0.22	<0.11	-	-
Anthracene	(µg/l)	<0.28	<0.03	<0.11	<0.03	0.88	0.42	0.72	0.63	31	<0.03	<0.03	<0.03	<0.03	<0.03	<0.06	<0.03	3000	600
Benzo(a)Pyrene	(µg/l)	<0.55	<0.06	<0.23	<0.06	<0.24	<0.22	<0.21	<0.28	<0.073	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	0.2	0.02
Benzo(b)Fluoranthene	(µg/l)	<0.33	<0.03	<0.14	<0.03	<0.14	<0.13	<0.13	<0.16	<0.045	<0.03	<0.03	<0.03	<0.03	<0.03	<0.06	<0.03	0.2	0.02
Benzo(ghi)Perylene	(µg/l)	<0.60	<0.05	<0.25	<0.05	<0.27	<0.24	<0.23	<0.30	14	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	-	-
Dibenzo(a,h)Anthracene	(µg/l)	<0.68	<0.06	<0.28	<0.06	<0.30	<0.27	<0.26	<0.34	<0.37	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	-	-
Fluoranthene	(µg/l)	<0.60	<0.04	<0.25	<0.04	<0.27	<0.24	<0.23	<0.30	880	<0.04	<0.04	<0.04	<0.04	<0.04	<0.08	<0.04	400	80
Fluorene	(µg/l)	<0.15	<0.04	<0.061	<0.04	<0.066	<0.058	<0.057	0.58	59	8.39	<0.04	<0.04	<0.04	2.74	<0.08	<0.04	400	80
1-Methyl Naphthalene	(µg/l)	<2.5	<0.06	<1.0	<0.06	<1.1	<1.0	<0.96	4.1	220	11.3	81.6	<0.06	<0.06	9.52	<0.12	<0.06	-	-
2-Methyl Naphthalene	(µg/l)	<2.4	<0.07	<1.0	<0.07	3.1	<0.96	<0.93	4.3	28	5.97	95.9	<0.07	<0.07	<0.07	<0.14	<0.07	-	-
Phenanthrene	(µg/l)	<0.30	<0.08	<0.12	<0.08	<0.13	<0.12	<0.12	<0.15	250	<0.8	<0.08	<0.08	<0.08	<0.08	<0.16	<0.08	-	-
Pyrene	(µg/l)	<1.0	<0.17	<0.43	<0.17	0.51	<0.41	<0.39	<0.51	49	44.6	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	250	50
Naphthalene	(µg/l)	<1.9	<0.05	<0.80	<0.05	<0.86	<0.76	<0.74	<0.96	8.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	40	8
Sulfate	(mg/l)	NA	NA	NA	NA	70	NA	NA	1	NA	NA	NA	NA	NA	NA	NA	NA	-	-
Total Lead	(µg/l)	NA	NA	NA	NA	1	NA	NA	<1	NA	NA	NA	NA	NA	NA	NA	NA	-	-
Alkalinity	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-

NA - Not Analyzed
mg/l - milligrams per liter
µg/l -micrograms per liter
ES = WDNR NR 140 Enforcement Standard established March 2000.
PAL = WDNR NR 140 Preventive Action Limit established March 2000.
25.3 NR 140 ES Exceedance
16.2 NR 140 PAL Exceedance
Note: Naphthalene results are not included from EPA Method 8021 (VOC), because EPA Method 8310 (PAH) is less likely to be influenced by chromatographic interferences.

Note - Later samples for MW8, MW14 + MW15 show level below PALs but there are no later results for gw in the area TMW1 - so last results indicate an ES exceedance for Fluoranthene + PAL Exceedance for Naphthalene - MW16 has a PAL Exceedance for Naphthalene

Y:PROJECTS\15862\WAT462w004

TABLE 3
LABORATORY ANALYTICAL RESULTS - GROUNDWATER
CANADIAN NATIONAL/WISCONSIN CENTRAL, LTD.
NORWOOD YARD - AST SITE
PIN NOS. 23555/WIPR/100432 AND 23555/WIPR/100328
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN
STS PROJECT NO. 4-15862WG

Date	Well I.D.	Ground Surface Elevation (Feet)	TPVC Elevation (Feet)	Screen Interval (Feet)	Screen Interval Elevation (Feet)	Depth to Water below TPVC (Feet)	Groundwater Elevation (Feet)	Free Product Observation (Feet)	After Sampling Dissolved Oxygen (mg/L)	Ferrous Iron (mg/L)	Temp (C)	pH (Units)	Conductivity (umhos/cm)	Color	Petroleum Odor	Purged
08/07/00	B-6		104.33 (1)	5.5-10.5	98.83 - 93.83	--	--	--	<1	10	27.8	6.55	667	Clear	None	5
11/28/00			--	"	"	6.08	98.25	--	1	10+	9.6	6.62	720	Clear	None	5
04/23/02			--	"	"	4.31	100.02	--	1	10	--	--	--	Sheen	Slight	10
10/08/03			--	"	"	Damaged	--	--	--	--	--	--	--	--	--	--
04/15/04			--	"	"	Bailer stuck in well	--	--	--	--	--	--	--	--	--	--
07/22/05			--	"	"	Bailer stuck in well	--	--	--	--	--	--	--	--	--	--
10/23/06			--	"	"	in well	--	--	--	--	--	--	--	--	--	--
08/07/00	MW-8		105.22 (1)	3-13	102.22 - 92.22	8.00	97.22	--	1	0.1	21.0	7.04	1026	Cloudy	None	5
11/28/00			--	"	"	7.33	97.89	--	1	0.1	11.1	7.14	840	Lt Brown	None	5
01/31/02			--	"	"	8.58	96.64	--	--	--	--	--	--	--	--	--
04/23/02			--	"	"	6.08	99.14	--	6	--	--	--	--	Clear	None	4, dry
12/19/02			--	"	"	9.81	95.41	--	--	--	--	--	--	--	--	--
10/08/03			589.86 (2)	"	586.86 - 576.86	7.15	582.71	--	4	0.20	17.2	6.78	1010	Lt Brown	None	5
04/15/04			--	"	"	6.30	583.56	None	2	0.10	9.0	7.01	1200	Clear	None	5
07/22/05			--	"	"	8.83	581.03	None	3	--	14.4	7.05	1023	Lt. Rd. Brown	None	4, dry 3x
10/23/06			--	"	"	6.32	583.54	None	--	--	11.5	7.02	1125	Clear	None	--
01/31/07			--	"	"	7.31	582.55	None	--	--	6.6	7.09	1113	Clear	None	5, dry, 3x
04/23/02	MW-14		105.36 (1)	3-13	584.29 - 574.29	4.08	101.28	--	1	10+	--	--	--	Clear	None	10
10/08/03		587.29	589.98 (2)	"	"	4.81	585.17	--	2	10+	18.5	6.44	837	Clear	None	4, dry
04/15/04			--	"	"	4.60	585.38	None	<1	>10	7.3	6.89	950	Clear	None	10
07/22/05			--	"	"	5.24	584.74	None	2	--	23.3	6.81	659	Clear	Slight	15
10/23/06			--	"	"	3.87	586.11	None	--	--	11.8	6.83	898	Clear	None	--
01/31/07			--	"	"	5.62	584.36	None	--	--	4.0	6.96	703	Clear	None	10
08/07/00	MW-16		106.19 (1)	3-13	585.02 - 575.02	6.75	99.44	--	2	10+	21.3	6.79	1585	Cloudy	None	5
11/28/00			--	"	"	7.66	98.53	--	1	10+	9.7	6.36	1370	Sl Sheen	None	5
05/18/01			--	"	"	7.05	99.14	--	--	--	11.2	6.55	1034	Gr Brown	None	10
01/31/02			--	"	"	7.60	98.59	--	--	--	--	--	--	--	--	--
04/23/02			--	"	"	6.99	99.20	None	--	--	--	--	--	--	--	--
12/19/02			--	"	"	--	--	--	--	--	--	--	--	--	--	--
10/08/03		588.02	590.80 (2)	"	"	7.24	583.56	--	10+	1	19.3	6.48	1406	Lt Black	Slight	3
04/15/04			--	"	"	7.00	583.80	None	1	>10	12.0	6.73	1682	Gy. Brown	Petro	4
07/22/05			--	"	"	7.70	583.10	None	4	--	15.1	6.75	1182	Clear	Slight	6, dry 3x
10/23/06			--	"	"	6.81	583.99	None	--	--	11.8	6.81	1512	Clear	Slight	--
01/31/07			--	"	"	7.32	583.48	None	--	--	8.5	6.81	1564	Clear	Slight	4, dry 3x
08/07/00	MW-17		--	3-13	583.82 - 573.82	--	--	0.17	--	--	--	--	--	--	--	--
01/31/02			--	"	--	6.38	--	--	--	--	--	--	--	--	--	--
04/23/02			104.88 (1)	"	"	5.65	99.23	None	1	10+	--	--	--	Sheen	Moderate	5, dry
12/19/02			--	"	"	6.60	98.28	--	--	--	--	--	--	--	--	--
10/08/03		586.82	589.49 (2)	"	"	5.90	583.59	--	<1.0	10+	15.8	6.44	1174	Clear	Slight	6
04/15/04			--	"	"	5.82	583.67	None	1	>10	12.1	6.77	1400	Cl. Sheen	Petro	5
07/22/05			--	"	"	6.60	582.89	0.04	<1	--	16.4	6.67	1287	Clear	Strong	2, dry
10/23/06			--	"	"	4.51	584.98	None	--	--	12.0	6.51	882	Lt. Brown	Slight	--
01/31/07	MW-17R		588.43	2.45-9.45	"	5.18	583.25	None	--	--	3.0	7.90	1173	Lt. Brown	Slight	1.5, dry 3x

(1) Elevation referenced to City of Green Bay Datum.
(2) Elevations surveyed October 16, 2003 and referenced to Mean Sea Level Datum.
(--) Not measured
TPVC = Top of polyvinyl chloride

TABLE 3
LABORATORY ANALYTICAL RESULTS - GROUNDWATER
CANADIAN NATIONAL/WISCONSIN CENTRAL, LTD.
NORWOOD YARD - AST SITE
PIN NOS. 23555/WIPR/100432 AND 23555/WIPR/100328
840 - 858 CLINTON STREET
GREEN BAY, WISCONSIN
STS PROJECT NO. 4-15862WG

Date	Well I.D.	Ground Surface Elevation (Feet)	TPVC Elevation (Feet)	Screen Interval (Feet)	Screen Interval Elevation (Feet)	Depth to Water below TPVC (Feet)	Groundwater Elevation (Feet)	Free Product Observation (Feet)	After Sampling Dissolved Oxygen (mg/L)	Ferrous Iron (mg/L)	Temp (C)	pH (Units)	Conductivity (umhos/cm)	Color	Petroleum Odor	Purged
08/07/00	MW-AST-1		105.58 (1)	2.5-7.5	103.08 - 98.08	5.85	99.73	--	1	0.3	21.9	11.44	717	Clear	None	5
11/28/00			--	"	"	7.05	98.53	--	1	0.1	8.6	11.10	660	Clear	None	5
05/18/01			--	"	"	5.44	100.14	--	--	--	17	11.05	597	Lt Brown	Yes	5, dry
01/31/02			--	"	"	6.99	98.59	--	--	--	--	--	--	--	--	--
04/23/02			--	"	"	6.18	99.40	None	5	3	--	--	--	Clear	None	2, dry
12/19/02			--	"	"	Damaged	--	--	--	--	--	--	--	--	--	--
04/15/04			--	"	"	Well Missing	--	None	--	--	--	--	--	--	--	--
07/22/05			--	"	"	Well Missing	--	None	--	--	--	--	--	--	--	--
10/23/06			--	"	"	Well Missing	--	--	--	--	--	--	--	--	--	--
08/07/00	MW-AST-2		104.96 (1)	2.5 - 7.5	585.02 - 580.02	5.89	99.07	--	1	10+	22.6	6.54	876	Clear	Slight	5
11/28/00			--	"	"	6.43	98.53	--	<1	10+	11.3	6.46	850	Clear	Slight	5
05/18/01			--	"	"	5.90	99.06	--	--	--	16.5	6.59	610	Gr Brown	Yes	5, dry
01/31/02			--	"	"	6.44	98.52	0.02	--	--	--	--	--	--	--	--
04/23/02			--	"	"	5.86	99.10	None	2	10+	--	--	--	sheen	Moderate	10
12/19/02			--	"	"	6.55	98.41	0.03	--	--	--	--	--	--	--	--
10/08/03		587.52	589.58 (2)	"	"	6.00	583.58	--	--	--	--	--	--	--	--	--
04/15/04			--	"	"	5.95	583.63	None	--	--	--	--	--	--	--	--
07/22/05			--	"	"	6.70	582.88	0.17	<1	--	--	--	--	Sheen	Strong	2, dry
10/23/06			--	"	"	6.04	583.54	None	--	--	11.3	6.51	710	Gray	Moderate	--
01/31/07	MW-AST-2R	587.49	589.65	2.45-9.95	585.04 - 577.54	7.41	582.24	None	--	--	2.6	7.22	1211	Brown	Slight	1.5, dry 3x
08/07/00	MW-AST-3		104.40 (1)	2.5-7.5	584.28 - 579.28	4.88	99.52	--	1	3	27.4	7.02	693	Clear	None	4, dry
11/28/00			--	"	"	6.22	98.18	--	1	10	8.6	6.86	1140	Clear	None	3
05/18/01			--	"	"	5.57	98.83	--	--	--	15.4	6.93	885	Lt Gray	Slight	5, dry
01/31/02			--	"	"	--	104.40	--	--	--	--	--	--	--	--	--
04/23/02			--	"	"	5.36	99.04	--	1	10+	--	--	--	Clear	None	3, dry
12/19/02			--	"	"	8.35	96.05	--	--	--	--	--	--	--	--	--
10/08/03		586.78	589.50 (2)	"	"	5.86	583.64	--	--	--	--	--	--	--	--	--
04/15/04			--	"	"	5.71	583.79	None	--	--	--	--	--	--	--	--
07/22/05			--	"	"	6.56	582.94	None	<1	--	19	6.92	1158	Clear	Slight	3.5, dry 3x
10/23/06			--	"	"	5.44	584.06	None	--	--	11.9	6.82	991	Clear	None	--
01/31/07			--	"	"	6.23	583.27	None	--	--	4.6	7.13	1061	Clear	Slight	2, dry, 3x
08/07/00	MW-AST-4		103.98 (1)	2.5-7.5	583.60 - 578.60	4.74	99.24	None	<1	10	23.7	6.71	1619	Clear	None	5
11/28/00			--	"	"	5.70	98.28	--	3	10+	9.3	6.63	1640	Clear	None	5
05/18/01			--	"	"	4.90	99.08	--	--	--	15.5	6.54	694	Clear	Slight	5, dry
01/31/02			--	"	"	5.68	98.30	--	--	--	--	--	--	--	--	--
04/23/02			--	"	"	4.72	99.26	None	4	10+	--	--	--	Clear	None	2, dry
12/19/02			--	"	"	6.73	97.25	--	--	--	--	--	--	--	--	--
10/08/03		586.10	588.69 (2)	"	"	5.16	583.53	--	--	--	--	--	--	--	--	--
04/15/04			--	"	"	4.97	583.72	None	--	--	--	--	--	--	--	--
07/22/05			--	"	"	6.15	582.54	None	1	--	18.2	6.67	970	Clear	Slight	3, dry 3x
10/23/06			--	"	"	4.61	584.08	None	--	--	12	6.71	1251	Dark Gray	High	--
01/31/07				"	"	5.30	583.39	None	--	--	6.0	6.71	578	Very little yellow brown	Slight	2, dry, 3x

(1)Elevation referenced to City of Green Bay Datum.
(2)Elevations surveyed October 16, 2003 and referenced to Mean Sea Level Datum.
(--) Not measured
TPVC = Top of polyvinyl chloride