GIS REGISTRY
Cover Sheet

August 2011
(RR-5367)

Source Property Information

CLOSURE DATE: Sep 19, 2011

BRRTS #: **02-16-556786**

FID #: 816010580

ACTIVITY NAME: ENBRIDGE ENERGY - TANK 22

DATCP #: NA

PROPERTY ADDRESS: 2800 E 21ST ST

PECFA#: NA

MUNICIPALITY: SUPERIOR

PARCEL ID #: 01-801-05131-00

***WTM COORDINATES:**

X: **362272** Y: **692267**

** 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" form)*
- [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" form)*

Land Use Controls:

- [ ] N/A (*Not Applicable*)
- [ ] Soil: maintain industrial zoning *(220)*

  (***note:*** *soil contamination concentrations between non-industrial and industrial levels)*
- [x] 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 unit or economic development corporation was directed to take a response action)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? *(234)*

(•) Yes ( ) No ( ) N/A

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

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

GIS Registry Checklist

Form 4400-245 (R 3/10)

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 #: 02-16-556786 PARCEL ID #: 01-801-05131-00

ACTIVITY NAME: ENBRIDGE ENERGY - TANK 22 WTM COORDINATES: X: 362272 Y: 692267

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

- [x] **Closure Letter**
- [ ] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [ ] **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- [ ] **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:**
- [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 11 x 17 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: Site Map**
- [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: Tank 22 Investigation Map**

BRRTS #: 02-16-556786 ACTIVITY NAME: ENBRIDGE ENERGY - TANK 22

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 #: 4 **Title: Cross section Location Map**

Figure #: 5 **Title: Post Investigation Section A-A'**

☐ **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 #: **Title:**

☒ **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 #: 3 **Title: Groundwater Elevations**

Figure #: **Title:**

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

Tables must be no larger than 11 x 17 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 **Title: Soil Analytical Data**

☒ **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 #: 2 **Title: Groundwater Sampling 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 #: 1 **Title: Groundwater Elevations**

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 #: 02-16-556786 ACTIVITY NAME: ENBRIDGE ENERGY - TANK 22

NOTIFICATIONS

Source Property

☒ **Not Applicable**

☐ **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.

☒ **Not Applicable**

☐ **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.

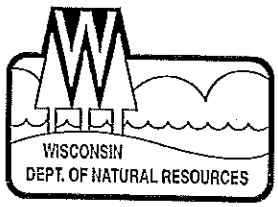
☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of 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
Northern Region Headquarters
107 Sutliff Avenue
Rhinelander WI 54501-3349

Scott Walker, Governor
Cathy Stepp, Secretary
John Gozdzialski, Regional Director
Telephone 715-365-8900
FAX 715-365-8932
TTY Access via relay - 711



September 19, 2011

Mr. Karl Beaster
Enbridge Energy Limited Partnership
119 North 25th Street
Superior, WI 54880

SUBJECT: Final Case Closure with Continuing Obligations
Enbridge Energy Terminal Tank 22, 2800 21st Street, Superior, WI 58840
WDNR BRRTS Activity #: 02-16-556786 and 04-16-556812

Dear Mr. Beaster:

On August 4, 2011, the Wisconsin Department of Natural Resources ("Department") Northern Region Closure Committee ("Closure Committee") reviewed the above referenced case for closure. The closure committee reviews environmental remediation cases for compliance with Wisconsin Statute and Administrative Code to maintain consistency in the closure of these cases.

Based on the documentation of the spill response provided to the Department by Enbridge Energy, it appears this case meets the ch. NR 726, Wisconsin Administrative Code closure requirements. The Department considers this case closed and no further investigation or remediation is required at this time. However, you and future property owners must comply with the continuing obligations explained in this letter.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible GIS Registry, to provide notice of residual contamination, and of any continuing obligations. The continuing obligations for this site are summarized below:

- If a structural impediment that obstructed a complete site investigation or cleanup is removed or modified, additional environmental work must be completed

This letter and information that was submitted with your closure request application will be included on the GIS Registry, in a PDF attachment. 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. All site information is also on file at the Northern Region DNR office, at 107 Sutliff Avenue, Rhinelander.

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 you and any subsequent property owners must adhere. You must pass on the information about these continuing obligations to the next property owner or owners. 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. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter are met.

Structural Impediments

Structural impediments existing at the time of cleanup as identified on Figure 3 Tank 22 Investigation Map prepare by Enbridge, specifically Tank 22 and associated piping, made complete investigation and remedial action of the soil contamination on this property impracticable. The location of Tank 22 is set out in Figure 2 Site Plan for the Superior Terminal. Soil contamination at concentrations greater than NR720 Wis. Adm. Code Residual Contaminant Levels remains on the northwest and south side of Tank 22. Pursuant to s. 292.12(2)(b), Wis. Stats., if the structural impediments are to be removed, the property owner shall notify the Department before removal and conduct an investigation of the degree and extent of petroleum contamination. If contamination is found, the contamination shall be properly remediated in accordance with applicable Wis. Stats. and Wis. Adm. Code.

If soil at the locations described above is excavated, 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 is 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 following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf.

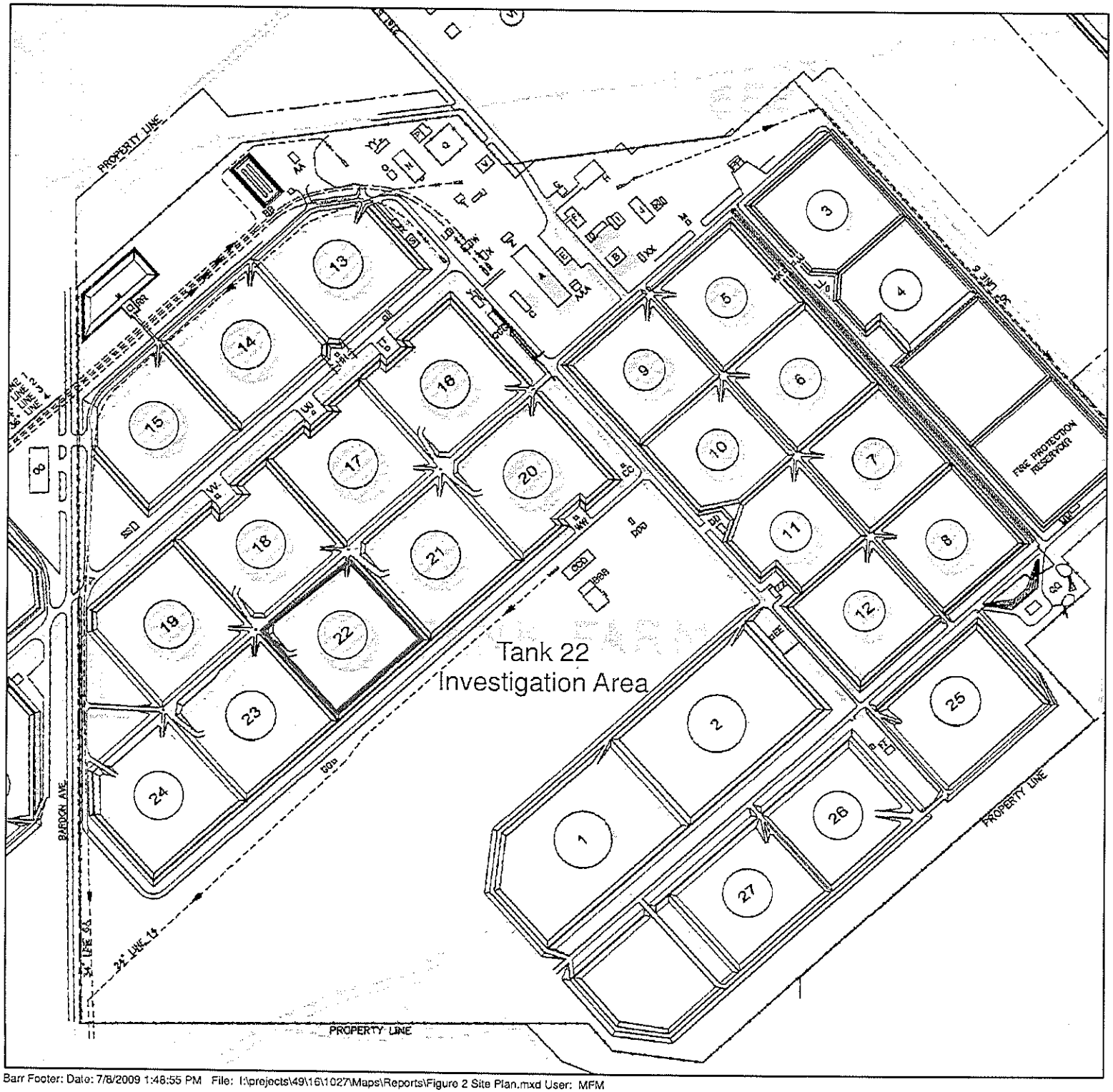
Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

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 John Sager at (715) 365-8959

Sincerely,

John Robinson
Northern Region Team Supervisor
Remediation & Redevelopment Program

Attachment: Figure 2 Site Plan
Figure 3 Tank 22 Investigation Map
RR-819, "Continuing Obligations for Environmental Protection"



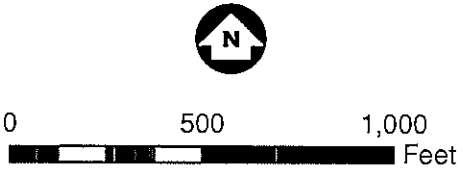
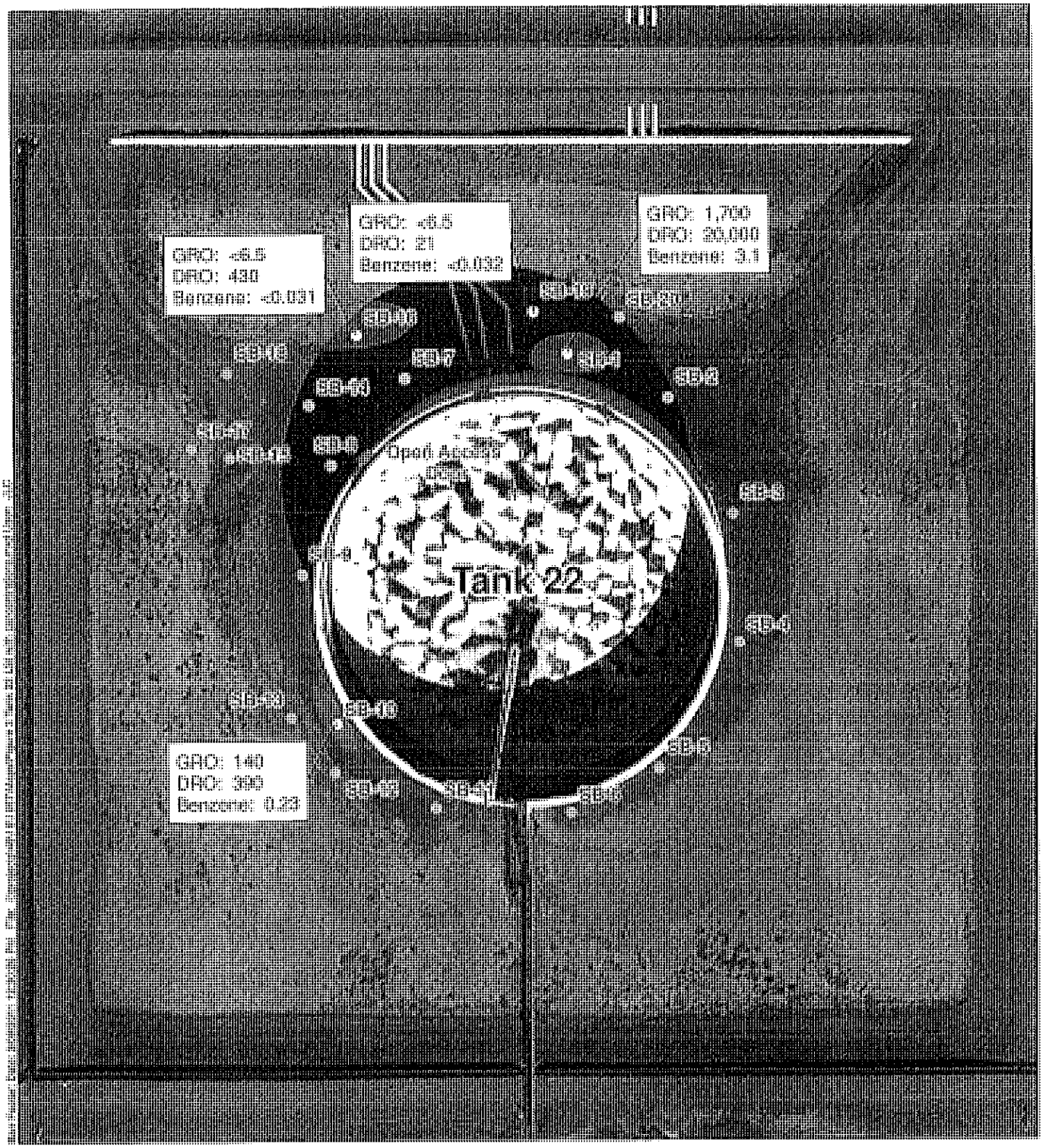


Figure 2

SITE PLAN
Superior Terminal

ENBRIDGE

Barr Footer: Date: 7/8/2009 1:48:55 PM File: I:\projects\49\16\1027\Maps\Reports\Figure 2 Site Plan.mxd User: MFM



- GeoProbe Boring
- GeoProbe Boring *with hydrocarbon detection in analytical sample*

Extent of soil with hydrocarbon concentrationexceeding NR 720.09 Generic Residual Contaminant Levels. Concentrations in mg/kg in soil sample.

0 30 60 120

Feet

1 Inch = 60 Feet

Figure 3

TANK 22 INVESTIGATION MAP
Superior Terminal
Superior, WI

ENBRIDGE

Continuing Obligations for Environmental Protection

Responsibilities of Wisconsin Property Owners

PUB-RR-819 June 2009

This fact sheet is intended to help property owners understand their legal requirements under s. 292.12, Wis. Stats., regarding continuing obligations that arise due to the environmental condition of their property.

The term "continuing obligations" refers to certain actions for which property owners are responsible following a completed environmental cleanup. They are sometimes called environmental land use controls or institutional controls. These legal obligations, such as a requirement to maintain pavement over contaminated soil, are most often found in a cleanup approval letter from the state.

Less commonly, a continuing obligation may apply where a cleanup is not yet completed but a cleanup plan has been approved, or at a property owned by a local government that is exempt from certain cleanup requirements.

What Are Continuing Obligations?

Continuing obligations are legal requirements designed to protect public health and the environment in regard to contamination that remains on a property.

Continuing obligations still apply after a property is sold. Each new owner is responsible for complying with the continuing obligations.

Background

Wisconsin, like most states, allows some residual contamination to remain after cleanup of soil or groundwater contamination. This minimizes the transportation of contamination and reduces cleanup costs while still ensuring that public health and the environment are protected.

The Department of Natural Resources (DNR), through its Remediation and Redevelopment (RR) Program, places sites or properties with residual contamination on a public database in order to provide notice to interested parties about the residual contamination and any associated continuing obligations. Please see the "Public Information" section on page 3 to learn more about the database. (Prior to June 3, 2006, the state used deed restrictions recorded at county courthouses to establish continuing obligations, and those deed restrictions have also been added into the database.)

Wisconsin Department of Natural Resources
P.O. Box 7921, Madison, WI 53707
dnr.wi.gov/org/aw/rr/

Types of Continuing Obligations

1. **Manage Contaminated Soil that is Excavated**
   If the property owner intends to dig up an area with contaminated soil, the owner must ensure that proper soil sampling, followed by appropriate treatment or disposal, takes place. Managing contaminated soil must be done in compliance with state law and is usually done under the guidance of a private environmental professional.

2. **Manage Construction of Water Supply Wells**
   If there is soil or groundwater contamination and the property owner plans to construct or reconstruct a water supply well, the owner must obtain prior DNR approval to ensure that well construction is designed to protect the water supply from contamination.

Other Types of Continuing Obligations
Some continuing obligations are designed specifically for conditions on individual properties. Examples include:

- keeping clean soil and vegetation over contaminated soil;
- keeping an asphalt "cap" over contaminated soil or groundwater;
- maintaining a vapor venting system; and
- notifying the state if a structural impediment (e.g. building) that restricted the cleanup is removed. The owner may then need to conduct additional state-approved environmental work.

It is common for properties with approved cleanups to have continuing obligations because the DNR generally does not require removal of all contamination.

Property owners with the types of continuing obligations described above will find these requirements described in the state's cleanup approval letter or cleanup plan approval, and must:

1. comply with these property-specific requirements; and
2. obtain the state's permission before changing portions of the property where these requirements apply.

The requirements apply whether or not the person owned the property at the time that the continuing obligations were placed on the property.

Changing a Continuing Obligation

A property owner has the option to modify a continuing obligation if environmental conditions change. For example, petroleum contamination can degrade over time and property owners may collect new samples showing that residual contamination is gone. They may then request that DNR modify or remove a continuing obligation. A fee is required for DNR's review of this request ($500 or $750, depending on the nature of the request). Fees are subject to change; current fees are found in Chapter NR 749, Wis. Admin. Code, on the web at www.legis.state.wi.us/rsb/code/nr/nr749.pdf.

Public Information

The DNR provides public information about continuing obligations on the Internet. This information helps property owners, purchasers, lessees and lenders understand legal requirements that apply to a property.

Properties with continuing obligations can generally be located in DNR's *GIS Registry*, part of the *RR Sites Map*. The information includes maps, deeds, contaminant data and the state's closure letter. The closure letter states that no additional environmental cleanup is needed for past contamination and includes information on property-specific continuing obligations. If a cleanup has not been completed, the state's approval of the remedial action plan will contain the information about continuing obligations.

However, some older cleanups may not be listed in the *GIS Registry*, so please consult DNR's comprehensive database of contaminated and cleaned up sites, *BRRTS on the Web*. This database shows all contamination activities known to DNR.

BRRTS on the Web and *RR Sites Map* are part of **CLEAN** (the **Contaminated Lands Environmental Action Network)** at dnr.wi.gov/org/aw/rr/clean.htm.

If a completed cleanup is shown in *BRRTS on the Web* but the site documents can not be found in the *GIS Registry*, DNR's closure letter can still be obtained from a regional office. For assistance, please contact a DNR Environmental Program Associate (see the RR Program's Staff Contact web page at dnr.wi.gov/org/aw/rr/technical/lists/contact_rr.htm).

Off-Site Contamination: When Continuing Obligations Cross the Property Line

An off-site property owner is someone who owns property that has been affected by contamination that moved through soil, sediment or groundwater from another property. Wisconsin law, s. 292.13, Wis. Stats., provides an exemption from environmental cleanup requirements for owners of "off-site" properties. The DNR will generally not ask off-site property owners to investigate or clean up contamination that came from a different property, as long as the off-site owner allows access to his or her property so that others who are responsible for the contamination may complete the cleanup.

However, off-site property owners are legally obligated to comply with continuing obligations on their property, even though they did not cause the contamination. For example, if the state approved a cleanup where the person responsible for the contamination placed clean soil over contamination on an off-site property, the owner of the off-site property must either keep that soil in place or obtain state approval before disturbing it.

Property owners and others should check the *Public Information* section above if they need to:

- determine whether and where continuing obligations exist on a property;
- review the inspection, maintenance and reporting requirements, and
- contact the DNR regarding changing that portion of the property. The person to contact is the person that approved the closure or remedial action plan.

Option for an Off-Site Liability Exemption Letter

In general, owners of off-site properties have a legal exemption from environmental cleanup requirements. This exemption does not require a state approval letter. Nonetheless, they may request a property-specific liability exemption letter from DNR if they have enough information to show that the source of the contamination is not on their property. This letter may be helpful in real estate transactions. The fee for this letter is $500 under Chapter NR 749, Wis. Adm. Code. For more information about this option, please see the RR Program's Liability web page at dnr.wi.gov/org/aw/rr/liability/index.htm.

Legal Obligations of Off-Site Property Owners

- Allow access so the person cleaning up the contamination may work on the off-site property (unless the off-site owner completes the cleanup independently).
- Comply with any required continuing obligations on the off-site property.

Required Notifications to Off-Site Property Owners

1. The person responsible for cleaning up contamination must notify affected off-site property owners of any proposed continuing obligations on their off-site property **before** asking the DNR to approve the cleanup. This is required by law and allows the off-site owners to provide the DNR with any technical information that may be relevant to the cleanup approval.

   When circumstances are appropriate, an off-site neighbor and the person responsible for the cleanup may enter into a "legally enforceable agreement" (i.e. a contract). Under this type of private agreement, the person responsible for the contamination may also take responsibility for maintaining a continuing obligation on an off-site property. This agreement would not automatically transfer to future owners of the off-site property. The state is not a party to the agreement and can not enforce it.

2. If a cleanup proposal that includes off-site continuing obligations is approved, DNR will send a letter to the off-site owners detailing the continuing obligations that are required for their property. Property owners should inform anyone interested in buying their property about maintaining these continuing obligations. For residential property, this would be part of the real estate disclosure obligation.

More Information

For more information, please visit the RR Program's Continuing Obligations web site at dnr.wi.gov/org/aw/rr/cleanup/obligations.htm.

Additional Information

For more information about DNR's Remediation and Redevelopment Program, see our web site at **dnr.wi.gov/org/aw/rr/**. This document contains information about certain state statutes and administrative rules but does not include all of the details found in the statutes and rules. Readers should consult the actual language of the statutes and rules to answer specific questions.

Enbridge Pipelines (Lakehead) L.L.C.
119 N. 25th Street East
Superior, WI 54880
Tel 715 394 1400
Fax 715 394 1500
Fax 715 394 1500

www.enbridgepartners.com

Robert M. Steede Manager, Env. Operations
Shane E. Yokom Supervisor, Env. Operations
James S. Snider Supervisor, Marshall Ops
Joseph J. Peterson Sr. Environmental Analyst
Paul Turner Sr. Environmental Analyst
Karl F. Beaster Environmental Analyst II
Julie O'Brien Environmental Assistant

ENBRIDGE™

May 17, 2011

Mr. John Sager
Wisconsin Department of Natural Resources
107 Sutliff Avenue
Rhinelander WI 54501

Re: Enbridge Energy, Limited Partnership
Remedial Investigation
Tank 22, Superior Terminal
Superior, Wisconsin

Dear Mr. Sager:

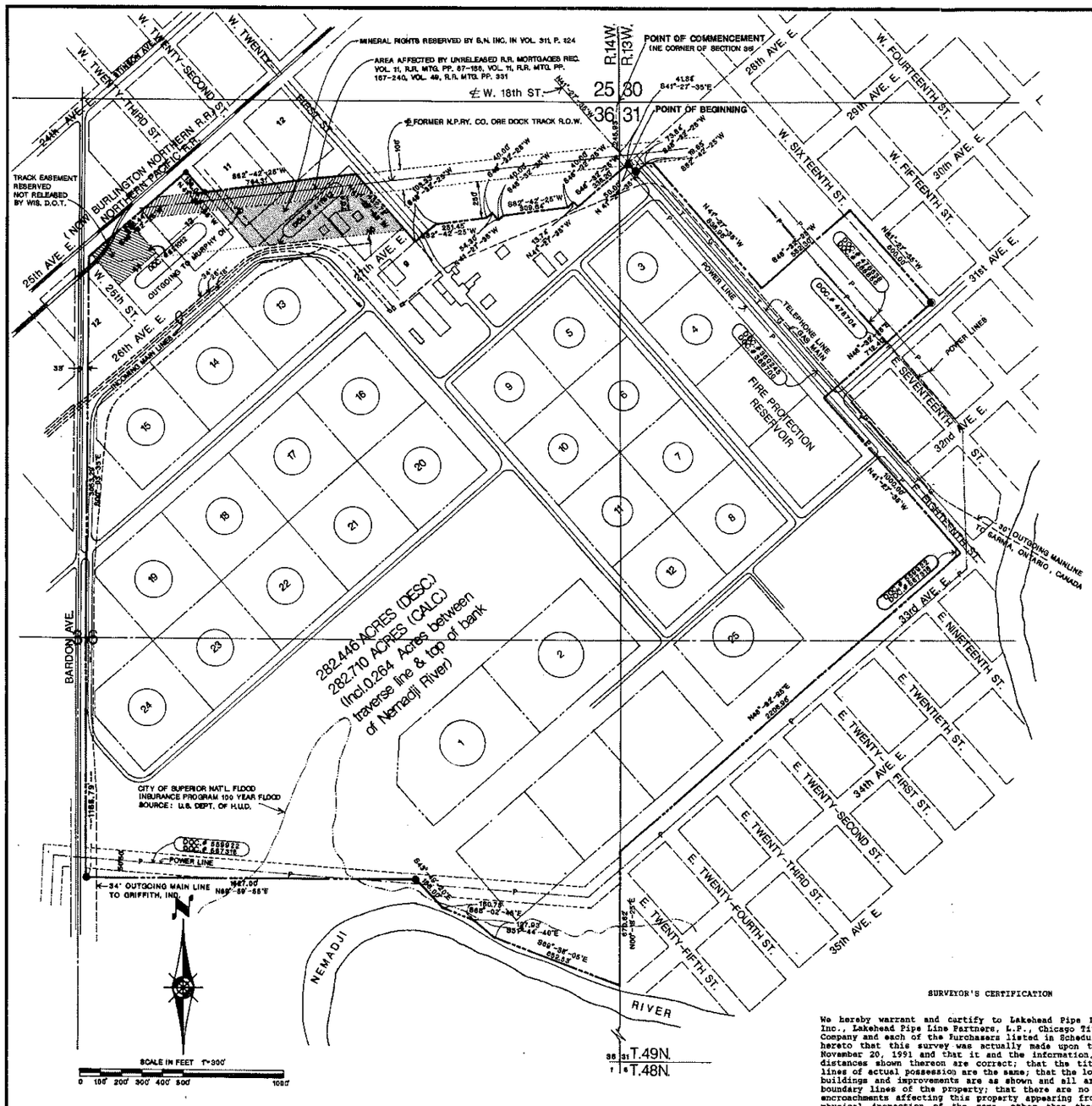
The attached surveyed drawing and legal description accurately describes the Superior Terminal property which includes the Tank 22 leak site.

Sincerely,
Enbridge Energy

Karl F. Beaster, P.G.
Environmental Analyst

Enclosure

cc: Mr. Jon Aspie, Barr Engineering



- LEGEND -

- CORNER SET
- CORNER FOUND
- P — POWER LINE
- T — TELEPHONE LINE

SURVEYOR'S CERTIFICATION

We hereby warrant and certify to Lakehead Pipe Line Company, Inc., Lakehead Pipe Line Partners, L.P., Chicago Title Insurance Company and each of the Purchasers listed in Schedule A attached hereto that this survey was actually made upon the ground on November 20, 1991 and that it and the information, courses and distances shown thereon are correct; that the title lines and lines of actual possession are the same; that the location of the buildings and improvements are as shown and all are within the boundary lines of the property; that there are no easements or encroachments affecting this property appearing from a careful, physical inspection of the same, other than those shown and depicted thereon; that ingress and egress to the property are provided by West Twenty-first Street, the same being opened and dedicated public rights of way maintained by the City of Superior; and that the parcels described hereon do not lie within flood hazard areas in accordance with the documents entitled "Department of Housing and Urban Development, Federal Insurance Administration - Special Flood Hazard Area Maps," except as set forth therein.

Duane A. Marten
Duane A. Marten,
S-1029 Wisconsin 12/10/91

John P. Bergson
John P. Bergson,
7407 Minnesota 12/10/91

SUPERIOR TERMINAL

Those parts of the Northwest Quarter (NW-1/4) and the North Half of the Southwest Quarter (N-1/2 of SW-1/4) of Section Thirty-one (31), Township Forty-nine (49) North, Range Thirteen (13) West and the Northeast Quarter (NE-1/4) and the Northwest Quarter of the Southeast Quarter (NW-1/4 of SE-1/4) and Government Lot Three (3), of Section Thirty Six (36), Township Forty-nine (49) North, Range Fourteen (14) West, in Douglas County, Wisconsin;

and

of all or parts of the platted Lots and Blocks (some of which were vacated by a Resolution of the Council of the City of Superior, Wisconsin, dated May 18, 1951 and recorded in Volume 34 of Agreements, page 398) which are set forth in Part II hereof;

and

of the vacated streets, avenues and alleys abutting said Platted Lots and Blocks and vacated Lots and Blocks, contained within the following description set forth as Part I; to-wit:

Part I

Commencing at the Northeast corner of said Section 36; thence Southerly along the East boundary of Section 36 a distance of 245.93 feet to the center line of vacated West 18th Street; thence South 41°-27'-35" East along the center line of vacated West 18th Street a distance of 41.88 feet to the Northwesterly right of way line of vacated 28th Avenue East and the point of beginning; thence South 46°-32'-25" West along the Northwesterly right of way line of said vacated 28th Avenue East a distance of 336.20 feet to the centerline of vacated West 19th Street; thence North 41°-27'-35" West along the center line of said vacated West 19th Street a distance of 13.74 feet; thence South 48°-32'-25" west a distance of 40.00 feet to a point on the Southwesterly right of way line of said vacated west 19th Street, said point being 250.00 feet Southerly (measured at right angles) from the centerline of the former Northern Pacific Railway company's Ore Dock Track right of way; thence South 82°-42'-25" West along a line parallel to and distant 250.00 feet Southerly from said center line of railroad right of way a distance of 309.64 feet to the Northeasterly right of way of vacated West 20th Street; thence South 48°-32'-25" West a distance of 40.00 feet to the center line of vacated West 20th Street; thence North 41°-27'-35" West along the center line of said vacated West 20th Street a distance of 54.30 feet; thence South 48°-32'-25" West a distance of 40.00 feet to a point on the Southwesterly right of way line of said vacated West 20th Street, said point being 256.00 feet Southerly (measured at right angles) from the center line of said former Northern Pacific Railway Company's right-of-way; thence South 82°-42'-25" West along a line parallel to and distant 250.00 feet Southerly from said Railway Company's center line of right of way a distance of 281.45 feet to the Southeasterly right of way of vacated 27th Avenue East; thence South 45°-32'-25" West along the right of way line of said vacated 27th Avenue East a distance of 103.33 feet to the intersection with the Southwesterly right of way line of West 21st Street; thence North 41°-27'-35" West along said Southwesterly right of way line of West 21st Street a distance of 432.72 feet to the intersection with the Northerly right of way line of the former Northern Pacific Railway Company's Ore Dock Track; thence South 82°-42'-25" West along said former railroad right of way line a distance of 764.33 feet to the center line of vacated West 23rd Street; thence North 41°-27'-35" West along the center line of vacated West 23rd Street a distance of 138.04 feet to the Southeasterly right of way line of 25th Avenue East; thence South 48°-32'-25" West along the Southeasterly right of way line of said 25th Avenue East a distance of 623.44 feet to the East right of way line of Bardon Avenue; thence South 00°-03'-35" East along the East right of way line of Bardon Avenue a distance of 3,053.29 feet to a point; thence North 89°-59'-55" East a distance of 1627.00 feet to a point; thence South 43°-49'-20" East a distance of 188.00 feet to a point, more or less on the North boundary of the Nemadji River; thence Easterly along the North boundary of the Nemadji River to a point on the East boundary of said Section 36; thence North 00°-18'-25" East a distance of 670.62 feet more or less along the East boundary of Section 36 to the Northwesterly right of way line of 33rd Avenue East; thence North 48°-32'-25" East along the Northwesterly right of way line of 33rd Avenue East a distance of 2,206.96 feet to a point on the Southwesterly right of way line of East 18th Street; thence North 41°-27'-35" West along the Southwesterly right of way line of East 18th Street a distance of 1,000.00 feet to the Northwesterly right of way line of 31st Avenue East; thence North 48°-32'-25" East along the Northwesterly right of way line of 31st Avenue East a distance of 712.40 feet to the center line of vacated West 16th Street; thence North 41°-27'-35" West along the center line of said vacated West 16th Street a distance of 600.00 feet to a point distant 150.00 feet Northwesterly of the intersection of the center line of vacated 30th Avenue East; thence South 48°-32'-25" West a distance of 582.30 feet to a point 50.1 feet Northeasterly of the Northeasterly right of way line of vacated West 18th Street; thence North 41°-27'-35" West parallel to and 50.1 feet distant Northeasterly from said Northeasterly right of way line of vacated West 18th Street, a distance of 838.96 feet to the intersection with the Southerly right of way line of the former Northern Pacific Railway Company's Ore Dock Track; thence South 82°-42'-25" West along said former railroad right of way line a distance of 19.65 feet to the center line of vacated 28th Avenue East; thence South 48°-32'-25" West along the center line of said vacated 28th Avenue East a distance of 73.84 feet to the center line of said vacated West 18th Street; thence North 41°-27'-35" West along the center line of vacated West 18th Street a distance of 50.00 feet to the Northeasterly right of way line of said vacated 28th Avenue East and said point of beginning.

Part II

The following Blocks on West Seventeenth Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Blocks One (1), Two (2), Three (3), Four (4) and Six (6)

The following Blocks on West Nineteenth Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Blocks One (1), Two (2), Three (3), Four (4), Four and One-half (4½), Five (5), Six (6), Seven (7), and Eight (8)

The following Block on West Twentieth Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Block One (1)

The following Blocks on West Twenty-first Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Blocks One (1), Two (2), Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9), Ten (10) and Twelve (12)

The following Blocks on West Twenty-third Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Blocks One (1), Two (2), Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9), Ten (10), Eleven (11) and Twelve (12)

The following Blocks on West Twenty-fifth Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Blocks One (1), Three (3), Fractional Block Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9), Ten (10), Eleven (11) and Twelve (12)

The following Block on West Twenty-sixth Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Block Four (4)

The following Blocks on West Twenty-seventh Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Blocks Five (5), Six (6), Seven (7), Eight (8), Nine (9) and Ten (10)

The following Block on West Twenty-eighth Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Block Six (6)

The following Block on West Twenty-ninth Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Block Seven (7)

The following Blocks on East Nineteenth Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Blocks One (1), Three (3) and Four (4)

The following Blocks on East Twenty-first Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Blocks One (1), Three (3) and Four (4)

The following Blocks on East Twenty-third Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Blocks One-half (1/2), One (1), Three (3) and Four (4)

The following Block on East Twenty-fourth Street, in Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Fractional Block Three (3)

The following Lots in McBean Blocks, being a Subdivision of the West Half of Northeast Quarter (W½ of NE¼) of Block One (1), on West Seventeenth Street, Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Lots Ten (10) through Sixteen (16), even No's., inclusive, Lots on West Sixteenth Street

The following Lots in McBean Blocks, being a Subdivision of the East Half of Southeast Quarter (E½ of SE¼) of Block One (1), on West Seventeenth Street, Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Lots One (1) through Seven (7), odd No's., inclusive, Lots on West Seventeenth Street

The following Lots in McBean Blocks, being a Subdivision of the Northeast Quarter (NE¼) of Block Two (2), on West Seventeenth Street, Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Lots Two (2) through Sixteen (16), even No's., inclusive, Lots on West Seventeenth Street

The following Lots in McBean Blocks, being a Subdivision of the North Half (N½) of Block Four (4), on West Seventeenth Street, Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Lots Thirty-four (34) through Forty (40), even No's., inclusive, Lots on West Seventeenth Street

The following Lots in McBean Blocks, being a Subdivision of the Northwest Quarter (NW¼) of Block Five (5), on West Nineteenth Street, Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Lots Eighty-two (82) through Ninety-six (96), even No's., inclusive, Lots on West Eighteenth Street

The following Lots in McBean Blocks, being a Subdivision of Block Two (2), on East Nineteenth Street, Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Lots One (1) through Thirty-one (31), odd No's., inclusive, Lots on East Eighteenth Street;

Lots Two (2) through Thirty-two (32), even No's., inclusive, Lots on East Nineteenth Street

The following Lots in McBean Blocks, being a Subdivision of Block Two (2), on East Twenty-first Street, Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Lots One (1) through Thirty-one (31), odd No's., inclusive, Lots on East Twentieth Street;

Lots Two (2) through Thirty-two (32), even No's., inclusive, Lots on East Twenty-first Street

The following Lots in McBean Blocks, being a Subdivision of Block Two (2), on East Twenty-third Street, Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Lots One (1) through Thirty-one (31), odd No's., inclusive, Lots on East Twenty-second Street;

Lots Two (2) through Eight (8), even No's., inclusive, and Sixteen (16) through Thirty-two (32), even No's., inclusive, Lots on East Twenty-third Street

The following Lots in the Subdivision of Block Four (4) on East Twenty-third Street, Townsite of Superior, in the City of Superior, Douglas County, Wisconsin:

Lots Thirty-three (33) through Sixty-three (63), odd No's., inclusive, Lots on East Twenty-third Street

Lots Thirty-four (34) through Sixty-four (64), even No's., inclusive, Lots on East Twenty-third Street

NO	DATE	REVISION	BY
1	12/10/91	CERTIFICATION	PCD

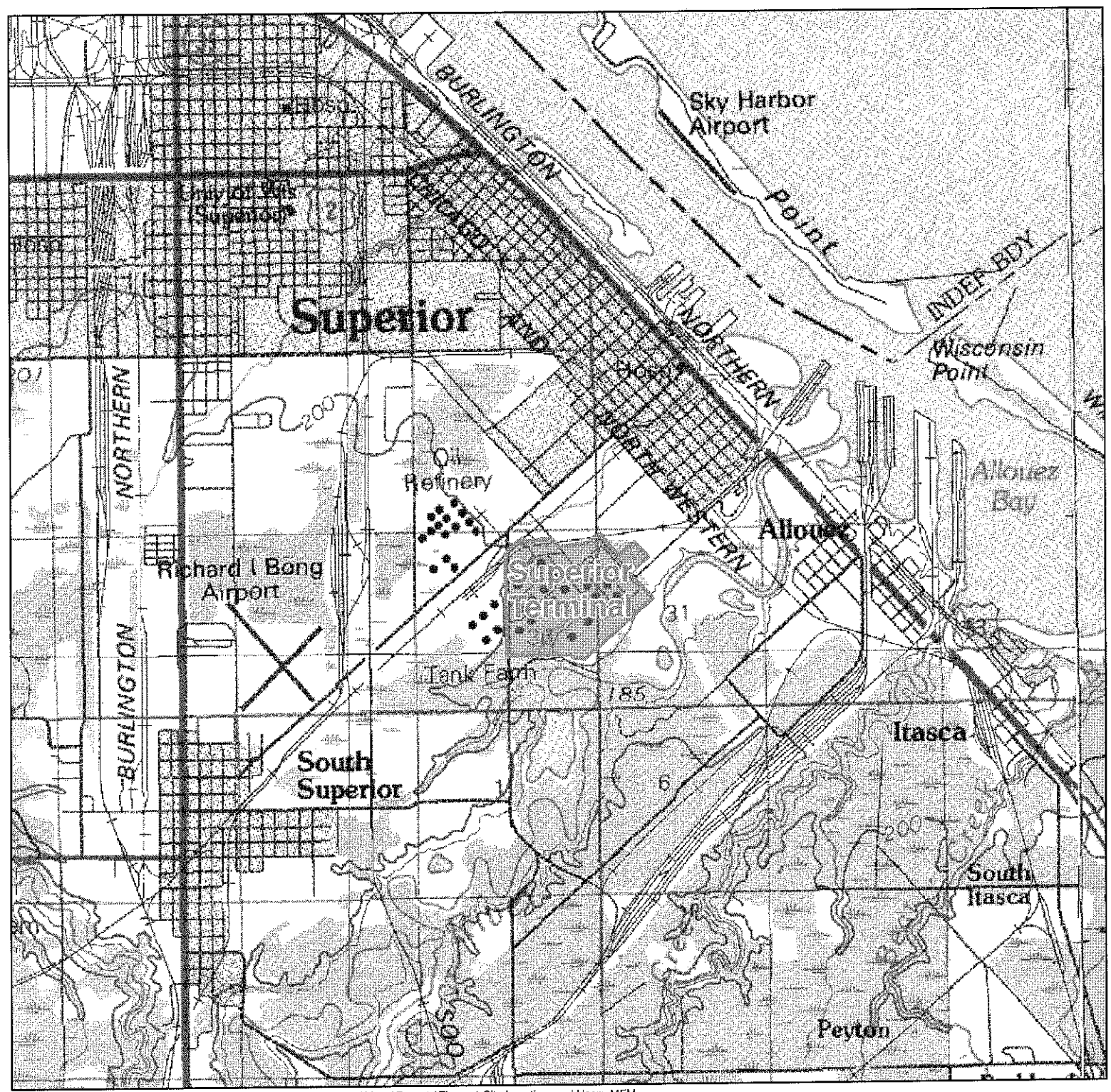
SAIC ENGINEERING
ENGINEERS
SURVEYORS
PLANNERS
15 East First Street Duluth Minnesota 55802 218/727-8796

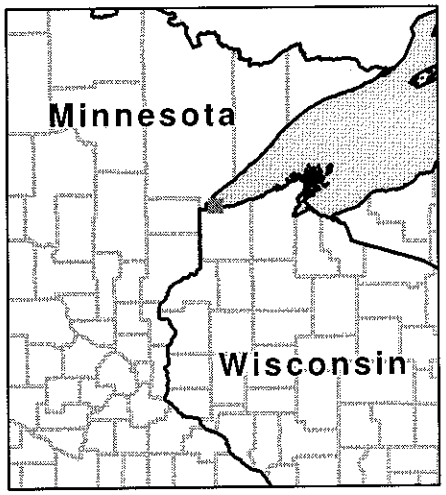
DATE 11-27-91
SCALE AS SHOWN
JOB NO L-3477

ENBRIDGE
Enbridge Energy, Limited Partnership

SHEET 1 OF 1 SHEETS

D-1.11-10448-0-130





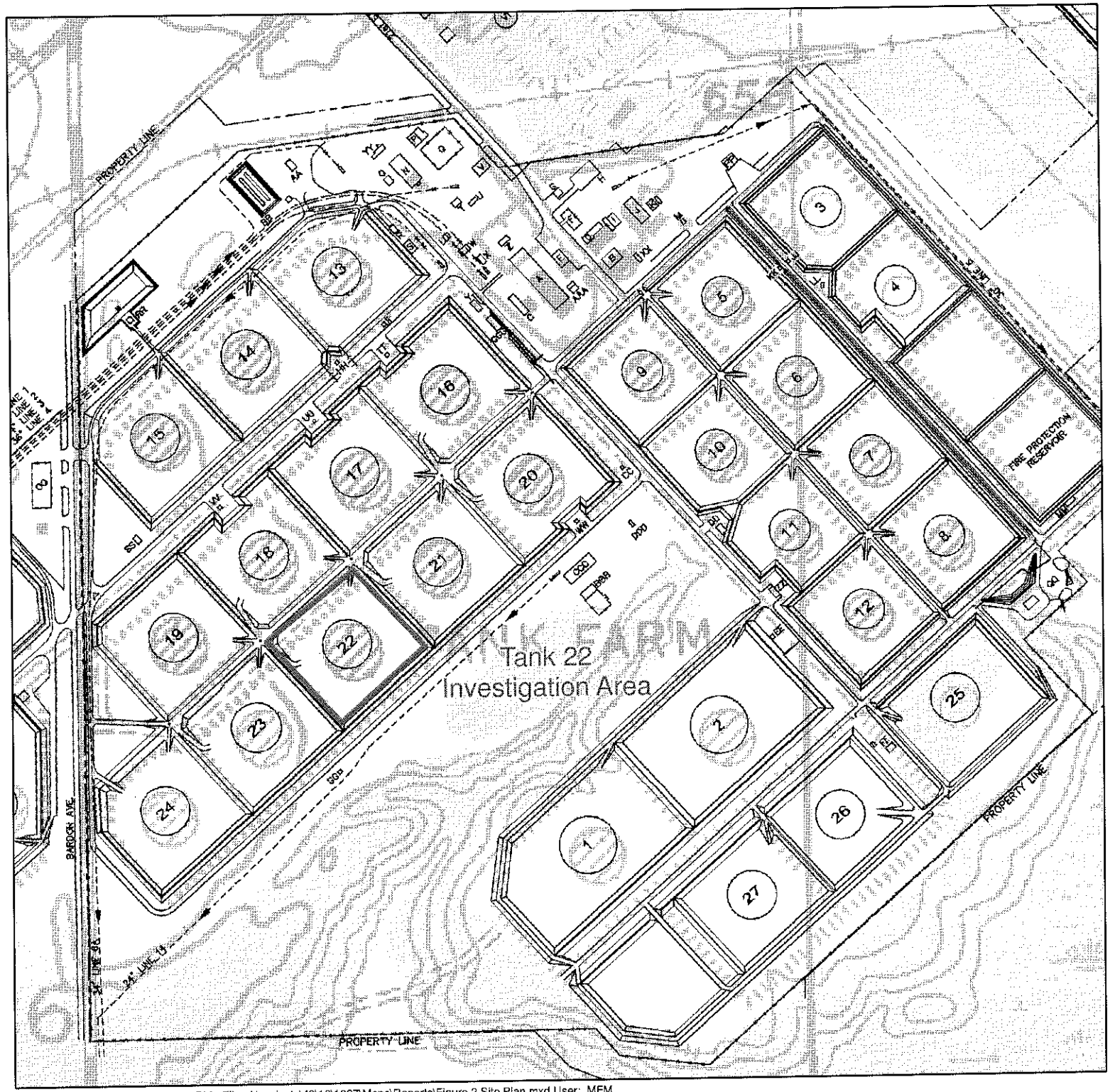
0 0.5 1 Miles

Figure 1

SITE LOCATION
Superior Terminal

ENBRIDGE

Barr Footer: Date: 7/7/2009 11:04:02 AM File: I:\projects\49\16\1027\Maps\Reports\Figure 1 Site Location.mxd User: MFM



N

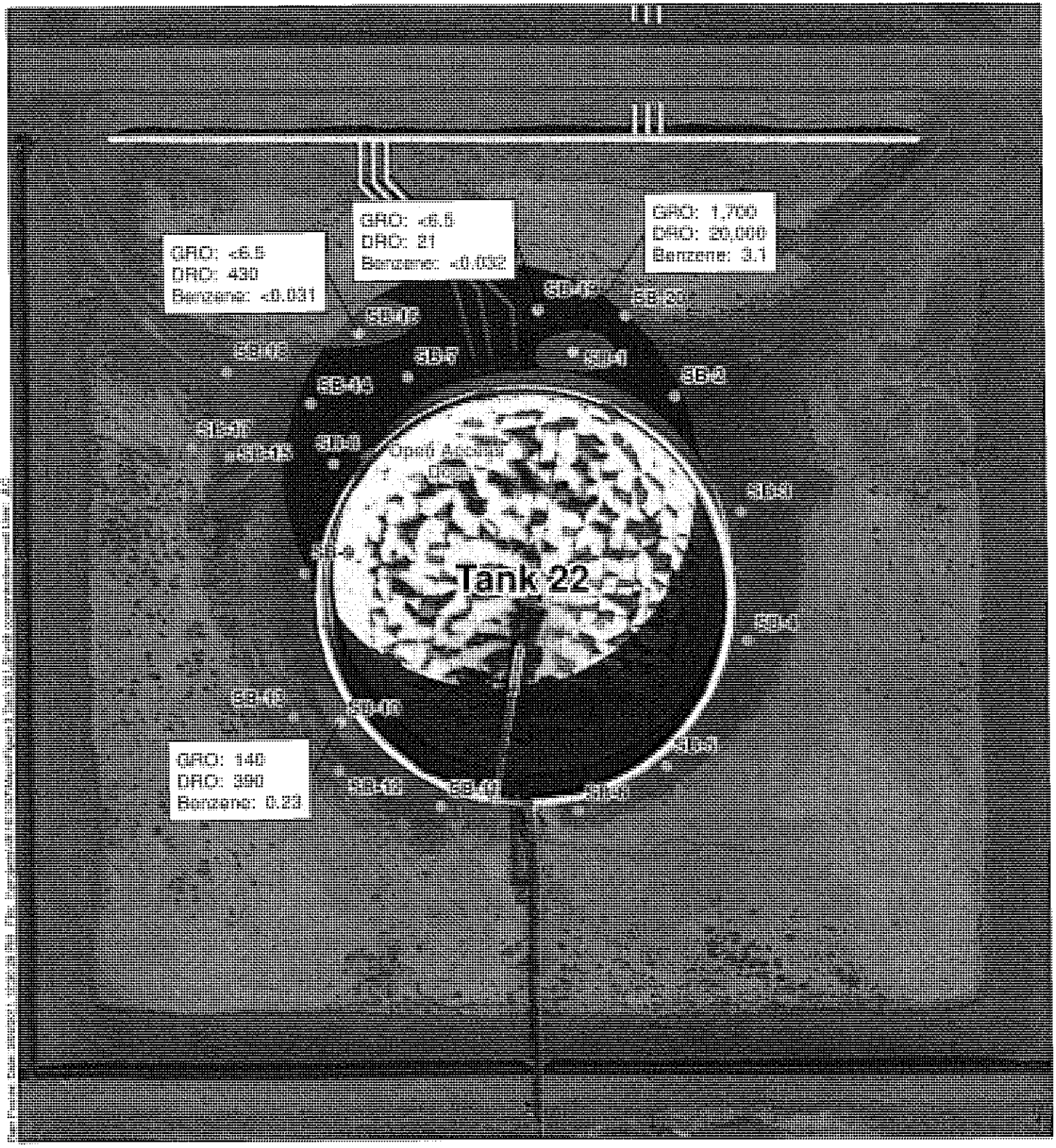
0 500 1,000 Feet

Figure 2

SITE PLAN
Superior Terminal

ENBRIDGE

Barr Footer: Date: 7/8/2009 1:48:55 PM File: I:\projects\49\16\1027\Maps\Reports\Figure 2 Site Plan.mxd User: MFM



GeoProbe Boring

GeoProbe Boring
with hydrocarbon detection in analytical sample

Extent of soil with hydrocarbon concentrationexceeding NR 720.09 Generic Residual Contaminant Levels. Concentrations in mg/kg in soil sample.

0 30 60 120

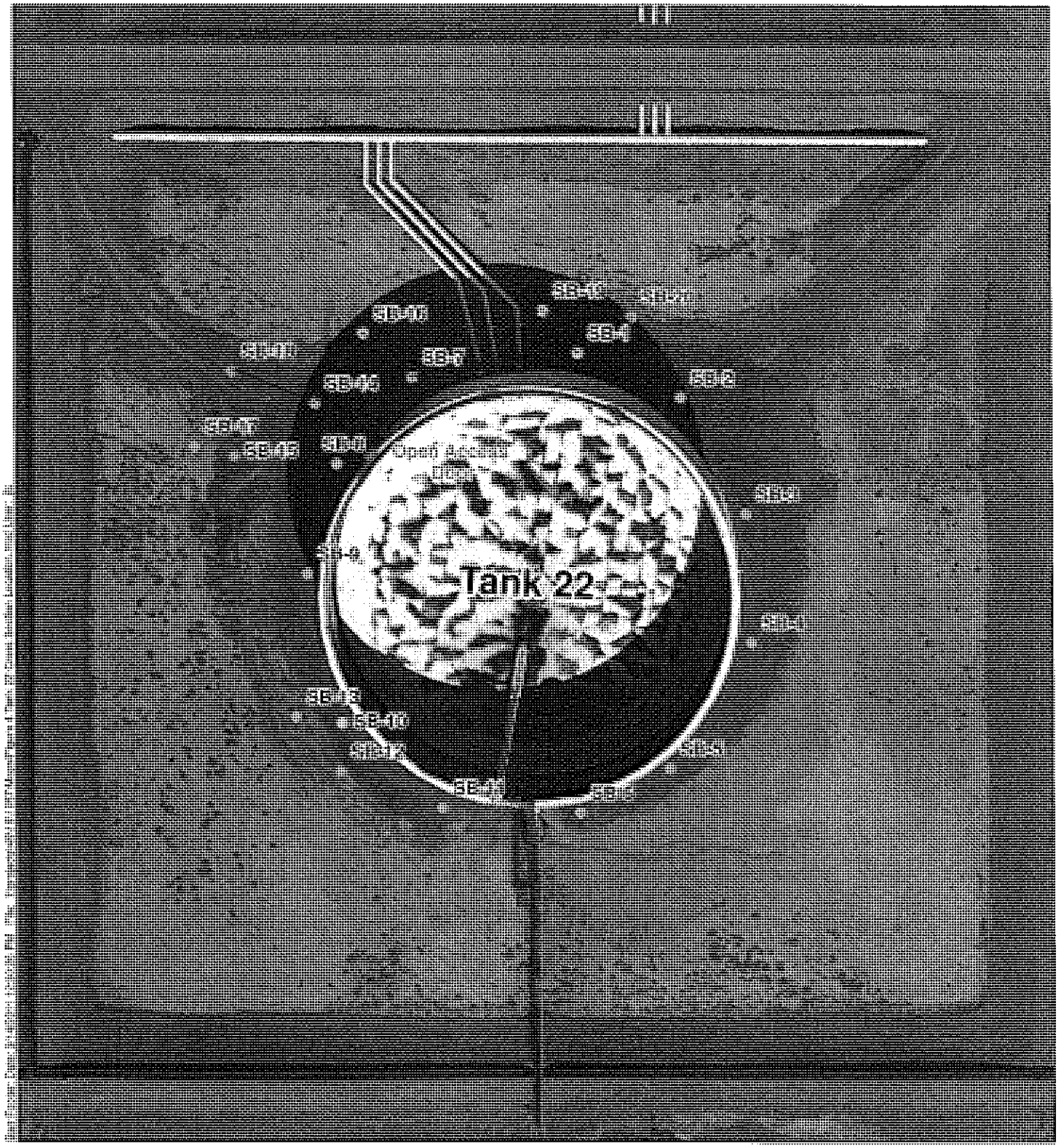
Feet

1 Inch = 60 Feet

Figure 3

TANK 22 INVESTIGATION MAP
Superior Terminal
Superior, WI

ENBRIDGE



GeoProbe Boring

GeoProbe Boring
with hydrocarbon detection in analytical sample

Cross Section Location

0 30 60 120

Feet

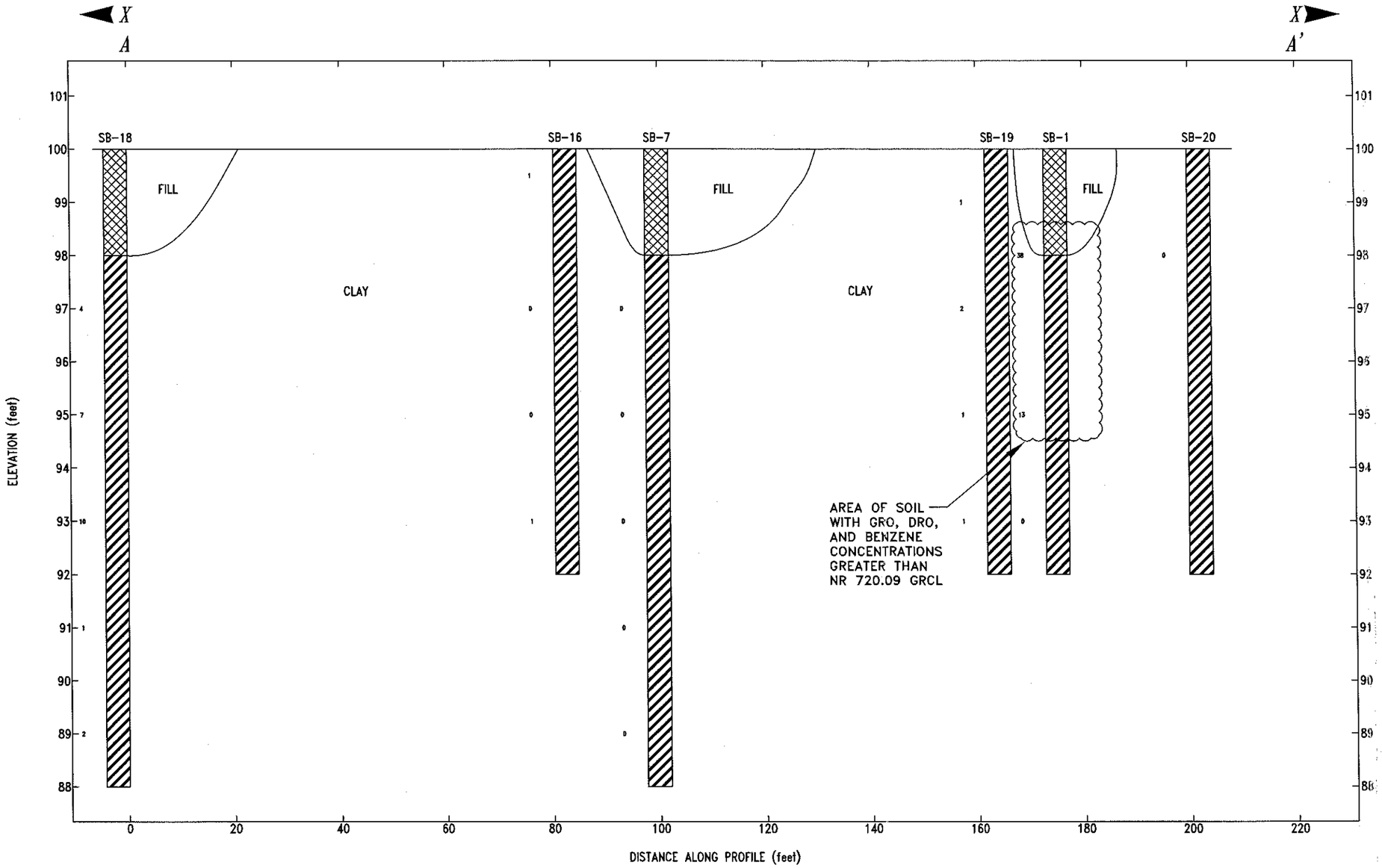
1 Inch = 60 Feet

Figure 4

TANK 22 CROSS SECTION LOCATION MAP

Superior Terminal
Superior, WI

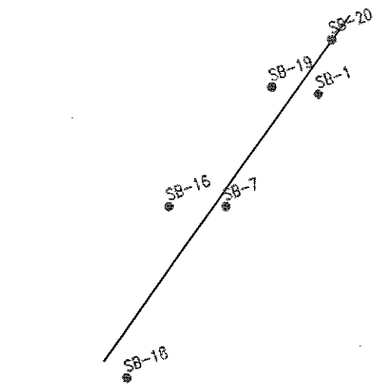
ENBRIDGE



Lithology Graphics

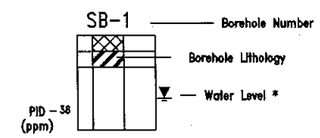
Fill (made ground)

USCS High Plasticity Clay

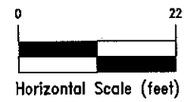


Site Map Scale 1 inch equals 80 feet

Explanation:



*Indicates saturated conditions observed at boring during direct-push sampling.



Horizontal Scale (feet)

Vertical Exaggeration: 10x

Barr Engineering Co.
332 West Superior Street
Duluth, MN 55802

Post Investigation Data Summary

Section Name A-A'
Figure Title

Tank 22 LSI
Superior Terminal Tank 22

JOB NUMBER	DATE
49/16-1057	A-1

FENCE 11X17 WITH PID READINGS 49161057_ENBRIDGE SUPERIOR TERMINAL TANK 22.GPJ BARRLOG.GDT 3/7/11

Enbridge pipeline

Monitoring well
Groundwater elevation (ft)

Groundwater elevation (ft)

Groundwater elevations and MW-1, MW-5, and MW-6 measured on 9/15/08

Groundwater elevation at MW-2 measured on 10/16/08

N

Feet

400 0 400 800

BARR

Figure 3

GROUNDWATER ELEVATIONS
SUPERIOR, WI TERMINAL
Enbridge Energy, L.P.
Superior, WI

Table 1
Soil Analytical Data
Tank 22 Remedial Investigation
Enbridge Energy Terminal - Superior, Wisconsin

Chemical Name	Wisconsin Generic Residual Contaminant Levels NR 720.09	Wisconsin Industrial Residual Contaminant Levels	Wisconsin Soil Screening Levels for Ingestion (Non-Carcinogenic)	Wisconsin Soil Screening Levels for Ingestion (Carcinogenic)	SB-1	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-10	SB-11
Sys Loc Code					SB-1	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SB-10	SB-11
Sample Date					10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/12/2010	10/12/2010	10/12/2010
Depth Interval					3 - 4	7.5 - 8	2 - 3	1 - 2	3 - 4	2 - 3	2 - 3	2 - 3	1 - 2	2 - 3	2 - 3	7 - 8	2 - 3
Depth Unit					ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
Sample Type Code					N	N	N	N	N	N	N	N	N	N	N	N	N
Effective Date	September 2007	4/1/1997															
Exceedance Key	3 Exceed	No Exceed	No Exceed	No Exceed													
General Parameters																	
Solids, percent					76 %	75 %	77 %	79 %	78 %	79 %	76 %	78 %	78 %	74 %	77 %	73 %	77 %
SVOCs																	
2-Chloronaphthalene					< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
2-Methylnaphthalene		40000 mg/kg			4.9 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Acenaphthene		60000 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Acenaphthylene		360 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Anthracene		300000 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Benzo(a)anthracene		3.9 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Benzo(a)pyrene		0.39 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Benzo(b)fluoranthene		3.9 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Benzo(g,h,i)perylene		39 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Benzo(k)fluoranthene		39 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Chrysene		390 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Dibenz(a,h)anthracene		0.39 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Fluoranthene		40000 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Fluorene		40000 mg/kg			0.51 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Indeno(1,2,3-cd)pyrene		3.9 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Naphthalene		110 mg/kg			1.9 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Phenanthrene		390 mg/kg			1.2 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Pyrene		30000 mg/kg			< 0.43 mg/kg	--	< 0.43 mg/kg	--	--	--	--	--	--	--	< 0.43 mg/kg	--	< 0.43 mg/kg
Total Petroleum Hydrocarbons																	
1,2,4-Trimethylbenzene					43 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.034 mg/kg	0.94 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg
1,3,5-Trimethylbenzene					15 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.034 mg/kg	0.27 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg
Benzene	*0.0055 mg/kg*			104.0 mg/kg	*3.1 mg/kg*	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.034 mg/kg	*0.23 mg/kg*	< 0.034 mg/kg	< 0.032 mg/kg
Diesel Range Organics	*250 mg/kg*				*20000 mg/kg*	< 9.9 mg/kg	< 8.5 mg/kg	< 8.2 mg/kg	< 9.5 mg/kg	< 8.6 mg/kg	< 8.4 mg/kg	< 8.1 mg/kg	< 8.6 mg/kg	< 9.6 mg/kg	*390 mg/kg*	< 9.9 mg/kg	< 9.4 mg/kg
Ethyl benzene	*2.9 mg/kg*		102000 mg/kg		*15 mg/kg*	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.034 mg/kg	0.70 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg
Gasoline Range Organics	*250 mg/kg*				*1700 mg/kg*	< 6.7 mg/kg	< 6.5 mg/kg	< 6.3 mg/kg	< 6.4 mg/kg	< 6.3 mg/kg	< 6.6 mg/kg	< 6.4 mg/kg	< 6.4 mg/kg	< 6.8 mg/kg	140 mg/kg	< 6.8 mg/kg	< 6.5 mg/kg
Methyl tertiary butyl ether (MTBE)					0.36 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.034 mg/kg	0.28 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg
Toluene	*1.5 mg/kg*		81800 mg/kg		*4.6 mg/kg*	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.034 mg/kg	0.062 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg
Xylenes, total	*4.1 mg/kg*		204000 mg/kg		*15 mg/kg*	< 0.10 mg/kg	< 0.097 mg/kg	< 0.095 mg/kg	< 0.096 mg/kg	< 0.095 mg/kg	< 0.099 mg/kg	< 0.096 mg/kg	< 0.096 mg/kg	< 0.10 mg/kg	0.29 mg/kg	< 0.10 mg/kg	< 0.097 mg/kg

Table 1
Soil Analytical Data
Tank 22 Remedial Investigation
Enbridge Energy Terminal - Superior, Wisconsin

Chemical Name	Wisconsin Generic Residual Contaminant Levels NR 720.09	Wisconsin Industrial Residual Contaminant Levels	Wisconsin Soil Screening Levels for Ingestion (Non-Carcinogenic)	Wisconsin Soil Screening Levels for Ingestion (Carcinogenic)	Sys Loc Code: SB-12	SB-13	SB-14	SB-14	SB-15	SB-15	SB-16	SB-17	SB-18	SB-18	SB-19	SB-20
					Sample Date: 10/12/2010	10/12/2010	10/12/2010	10/12/2010	10/12/2010	10/12/2010	10/12/2010	10/12/2010	10/12/2010	10/12/2010	10/12/2010	10/12/2010
					Depth Interval: 2 - 3	0 - 1	2 - 3	7 - 8	2 - 3	7 - 8	0 - 1	1 - 2	6 - 7	11 - 12	3 - 4	3 - 4
					Depth Unit: ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
					Sample Type Code: N	N	N	N	N	N	N	N	N	N	N	N
Effective Date	September 2007	4/1/1997														
Exceedance Key	3 Exceed	No Exceed	No Exceed	No Exceed												
General Parameters																
Solids, percent					75 %	78 %	79 %	75 %	75 %	75 %	78 %	76 %	74 %	73 %	77 %	78 %
SVOCs																
2-Chloronaphthalene					--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
2-Methylnaphthalene		40000 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Acenaphthene		60000 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Acenaphthylene		360 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Anthracene		300000 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Benzo(a)anthracene		3.9 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Benzo(a)pyrene		0.39 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Benzo(b)fluoranthene		3.9 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Benzo(g,h,i)perylene		39 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Benzo(k)fluoranthene		39 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Chrysene		390 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Dibenz(a,h)anthracene		0.39 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Fluoranthene		40000 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Fluorene		40000 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Indeno(1,2,3-cd)pyrene		3.9 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Naphthalene		110 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Phenanthrene		390 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Pyrene		30000 mg/kg			--	< 0.42 mg/kg	--	--	--	--	--	--	--	--	< 0.46 mg/kg	--
Total Petroleum Hydrocarbons																
1,2,4-Trimethylbenzene					< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.031 mg/kg	< 0.033 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg
1,3,5-Trimethylbenzene					< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.031 mg/kg	< 0.033 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg
Benzene	*0.0055 mg/kg*			104.0 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.031 mg/kg	< 0.033 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg
Diesel Range Organics	*250 mg/kg*				< 9.0 mg/kg	< 8.5 mg/kg	< 8.0 mg/kg	< 8.6 mg/kg	< 9.0 mg/kg	< 9.3 mg/kg	*430 mg/kg*	< 8.6 mg/kg	< 11 mg/kg	< 11 mg/kg	21 mg/kg	< 8.2 mg/kg
Ethyl benzene	*2.9 mg/kg*		102000 mg/kg		< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.031 mg/kg	< 0.033 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg
Gasoline Range Organics	*250 mg/kg*				< 6.7 mg/kg	< 6.4 mg/kg	< 6.3 mg/kg	< 6.3 mg/kg	< 6.7 mg/kg	< 6.7 mg/kg	< 6.4 mg/kg	< 6.6 mg/kg	< 6.8 mg/kg	< 6.4 mg/kg	< 6.5 mg/kg	< 6.4 mg/kg
Methyl tertiary butyl ether (MTBE)					< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.031 mg/kg	< 0.033 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg
Toluene	*1.5 mg/kg*		81800 mg/kg		< 0.033 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.031 mg/kg	< 0.033 mg/kg	< 0.033 mg/kg	< 0.032 mg/kg	< 0.033 mg/kg	< 0.034 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg	< 0.032 mg/kg
Xylenes, total	*4.1 mg/kg*		204000 mg/kg		< 0.10 mg/kg	< 0.096 mg/kg	< 0.095 mg/kg	< 0.094 mg/kg	< 0.10 mg/kg	< 0.10 mg/kg	< 0.096 mg/kg	< 0.099 mg/kg	< 0.10 mg/kg	< 0.097 mg/kg	< 0.097 mg/kg	< 0.096 mg/kg

Table 1: Groundwater Elevations

Enbridge Energy, Limited Partnership -- Superior, WI Terminal

Monitoring Well	Date	Top of Casing Elevation (feet NGVD)	Grade Elevation (feet NGVD)	Depth to Groundwater (feet)	Groundwater Elevation (feet NGVD)
MW-1	20-Dec-99	665.19	663.15	6.35	658.84
	14-Jan-00	665.19		6.91	658.28
	16-Feb-00	665.19		7.26	657.93
	1-Dec-03	665.19		6.94	658.25
	14-Oct-04	665.19		5.70	659.49
	15-Sep-08	665.19		9.43	655.76
MW-2	20-Dec-99	659.42	656.96	4.17	655.25
	14-Jan-00	659.42		6.71	652.71
	16-Feb-00	659.42		7.49	651.93
	1-Dec-03	659.42		4.91	654.51
	14-Oct-04	659.42		4.81	654.61
	16-Oct-08	659.42		4.04	655.38
MW-3	20-Dec-99	654.53	652.57	4.34	650.19
	14-Jan-00	654.53		6.44	648.09
	16-Feb-00	654.53		7.37	647.16
	1-Dec-03	654.53		4.95	649.58
	14-Oct-04	654.53		5.05	649.48
	15-Sep-08	654.53		NM	NM
MW-4	20-Dec-99	638.13	635.62	17.42	620.71
	14-Jan-00	638.13		19.50	618.63
	16-Feb-00	638.13		15.43	622.70
	1-Dec-03	638.13		4.95	633.18
	14-Oct-04	638.13		NM	NM
	15-Sep-08	638.13		NM	NM
MW-5	20-Dec-99	645.43	642.85	3.92	641.51
	14-Jan-00	645.43		6.33	639.10
	16-Feb-00	645.43		6.82	638.61
	1-Dec-03	645.43		7.26	638.17
	14-Oct-04	645.43		5.27	640.16
	15-Sep-08	645.43		6.32	639.11
MW-6	20-Dec-99	648.03	646.07	21.16	626.87
	14-Jan-00	648.03		18.63	629.40
	16-Feb-00	648.03		14.12	633.91
	1-Dec-03	648.03		8.63	639.40
	14-Oct-04	648.03		8.19	639.84
	15-Sep-08	648.03		7.51	640.52

NM Not measured

Table 2: Groundwater Sampling Results

Enbridge Energy Company - Superior, WI Terminal

Location	Date	Benzene (ug/L)	Ethylbenzene (ug/L)	Methyl-tert-butly-ether (ug/L)	Toluene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	1,2,4-Trimethylbenzene (ug/L)	Total Xylenes (ug/L)	DRO (ug/L)	Acenapthene(ug/L)	Acenapthylene (ug/L)	Anthracene (ug/L)	Benzo (a) anthracene (ug/L)	Benzo (a) Pyrene (ug/L)	Benzo (b) fluoranthene(ug/L)	Benzo (g,h,i) perylene (ug/L)	Benzo (k) fluoranthene (ug/L)	Chrysene (ug/L)	Dibenzo (a,h) anthracene (ug/L)	Fluoranthene (ug/L)	Fluorene (ug/L)	Indeno (1,2,3-cd) Pyrene (ug/L)	1-Methylnaphthalene (ug/L)	2-Methylnaphthalene (ug/L)	Napthalene (ug/L)	Phenanthrene (ug/L)	Pyrene (ug/L)
MW-1	20-Dec-99	< 1.0	< 1.2	<0.61	<1.1	< 1.2	< 1.2	< 3.7	< 100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 6.2	< 6.2	< 6.2	< 2.5	< 2.5
	2-Dec-03	<0.30	<0.60	<0.58	<0.58	<0.52	<0.66	<1.84	<100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	14-Oct-04	0.28*	< 0.40	< 0.36	< 0.36	< 0.40	< 0.39	< 1.1	< 110	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-Sep-08	< 1.0	< 1.0	NS	< 1.0	NS	NS	< 3.0	< 500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	20-Dec-99	< 1.0	< 1.2	<0.61	<1.1	< 1.2	< 1.2	< 3.7	<100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 6.2	< 6.2	< 6.2	< 2.5	< 2.5
	2-Dec-03	<0.30	<0.60	<0.58	<0.58	<0.52	<0.66	<1.84	<100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	14-Oct-04	1.5*	< 0.40	< 0.36	< 0.36	< 0.40	< 0.39	< 1.1	< 100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Oct-08	< 1.0	< 1.0	NS	< 1.0	NS	NS	< 3.0	<460	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-3	20-Dec-99	< 1.0	< 1.2	<0.61	<1.1	< 1.2	< 1.2	< 3.7	<100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 6.2	< 6.2	< 6.2	< 2.5	< 2.5
	2-Dec-03	<0.30	<0.60	<0.58	<0.58	<0.52	<0.66	<1.84	<100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	14-Oct-04	2.2*	< 0.40	< 0.36	< 0.36	< 0.40	< 0.39	< 1.1	< 100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-Sep-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	20-Dec-99	< 1.0	< 1.2	<0.61	<1.1	< 1.2	< 1.2	< 3.7	<100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 6.2	< 6.2	< 6.2	< 2.5	< 2.5
	2-Dec-03	<0.30	<0.60	<0.58	<0.58	<0.52	<0.66	<1.84	<100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	14-Oct-04	1.4*	< 0.40	< 0.36	< 0.36	< 0.40	< 0.39	< 1.1	< 100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-Sep-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-5	20-Dec-99	< 1.0	< 1.2	<0.61	<1.1	< 1.2	< 1.2	< 3.7	<100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 6.2	< 6.2	< 6.2	< 2.5	< 2.5
	2-Dec-03	<0.30	<0.60	<0.58	<0.58	<0.52	<0.66	<1.84	<100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	14-Oct-04	0.75*	< 0.40	< 0.36	< 0.36	< 0.40	< 0.39	< 1.1	< 100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-Sep-08	< 1.0	< 1.0	NS	< 1.0	NS	NS	< 3.0	< 460	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6	20-Dec-99	< 1.0	< 1.2	<0.61	<1.1	< 1.2	< 1.2	< 3.7	<100	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 6.2	< 6.2	< 6.2	< 2.5	< 2.5
	2-Dec-03	<0.30	<0.60	<0.58	<0.58	<0.52	<0.66	<1.84	<100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	14-Oct-04	0.67*	< 0.40	< 0.36	< 0.36	< 0.40	< 0.39	< 1.1	< 100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	15-Sep-08	< 1.0	< 1.0	NS	< 1.0	NS	NS	< 3.0	< 460	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trip Blank	2-Dec-03	<0.30	<0.60	<0.58	<0.58	<0.52	<0.66	<1.84																				
	14-Oct-04	1.3*	< 0.40	< 0.36	< 0.36	< 0.40	< 0.39	< 1.1																				
Field Blank	14-Oct-04	1.9*	< 0.40	< 0.36	0.49*	< 0.40	< 0.39	< 1.1																				

Notes:

* Detections are likely false positives. Samples were stored at lab in refigerator at laboratory next to unrelated samples with high benzene and toluene concentrations.

NS Well not sampled for this parameter