

**State of Wisconsin Substance Release Notification Form**  
**Department of Natural Resources Form 4400-91 (Rev. 12-04, e-form)**  
**24-Hour Emergency Hotline Number: 1-800-943-0003**

<b>Date &amp; Military Time of Incident:</b> hrs		<b>Date &amp; Military Time Reported:</b> 02/09/2006 1328hrs		<b>Spill File #</b> nor02092006_01 <b>BRRTS #</b> 04-16-547783	
<b>Person Reporting:</b> MARK SITEK		<b>Representing:</b> ENBRIDGE ENERGY CO		<b>Phone #</b> 715-394-1410 <b>Fax #</b>	
<b>Responsible Party (RP) / Spiller:</b> ENBRIDGE ENERGY CO		<b>RP Decision Based On:</b> PROTOCOL		<b>Phone #</b> <b>Fax #</b>	
<b>RP Address:</b> 119 N 25 <sup>TH</sup> ST E				<b>City State Zip Code</b> SUPERIOR WI 54880-	
<b>RP Contact Name &amp; Title:</b> Paul Meneghini - Environmental Analyst				<b>Phone #</b> 715-394-1576 <b>Fax #</b>	
<b>Substance Involved:</b> CRUDE OIL - lighter grade		<b>Amount &amp; Units Released:</b> < 15 gallons		<b>Amount &amp; Units Recovered:</b> IN PROGRESS	
<input type="checkbox"/> Solid <input type="checkbox"/> Semisolid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas		Color:		Odor:	
<b>Exact Location Of Incident: (including street name, bldg. #, mileage, etc.)</b> 2800 E 21 <sup>ST</sup> ST				<b>Facility Name / Property Owner:</b> SUPERIOR TERMINAL/ ENBRIDGE ENERGY CO	
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township SUPERIOR		<b>County</b> DOUGLAS		<b>Latitude/Longitude</b> deg. ' " , deg. ' "	
<b>DNR Region:</b> NOR		NW1/4 SW1/4 Sec31 T49N R13 <input type="checkbox"/> E <input checked="" type="checkbox"/> W		<b>Weather Conditions:</b>	
<b>Cause of Incident:</b> CALLER STATES THAT THEY FOUND CONTAMINATED SOIL AT ABOVE LOCATION WHICH IS LIKELY DUE TO A HISTORIC OVERFLOW OF AN OLD SUMP TANK. CALLER DOES NOT KNOW WHEN SPILL OCCURRED AND STATES THAT THERE IS NO CURRENT LEAK.					
<b>Spilled Substance Impact To: (check X all that apply)</b>		<b>Spill Cause and/or Site:</b>		<b>Action Taken By Spiller:</b>	
<input type="checkbox"/> Air <input type="checkbox"/> Potential <input type="checkbox"/> Concrete/Asphalt <input type="checkbox"/> Potential <input type="checkbox"/> Contained/Recovered <input type="checkbox"/> Groundwater <input type="checkbox"/> Potential <input type="checkbox"/> Private Well <input type="checkbox"/> Potential <input type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Potential <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Potential <input type="checkbox"/> Storm Sewer <input type="checkbox"/> Potential <input type="checkbox"/> Surface Water <input type="checkbox"/> Potential Name: <input type="checkbox"/> Other:		<input type="checkbox"/> Ag Coop/Food Factory <input type="checkbox"/> Airport Facility <input type="checkbox"/> Railroad Facility <input type="checkbox"/> Construction, Excavation, Wrecking, Quarry, Mine <input type="checkbox"/> Gas/Service Station/Garage/Auto Dealer/Repair Shop <input type="checkbox"/> Hydraulic Line Break <input type="checkbox"/> Industrial Facility <input type="checkbox"/> Paper Mill <input type="checkbox"/> Chemical Co. <input checked="" type="checkbox"/> Pipeline/Terminal/Tank Farm/Oil Jobber/Wholesaler <input type="checkbox"/> Private Property (home/farm) <input type="checkbox"/> Public Property (city, state, church, school, etc.) <input type="checkbox"/> Transportation Accident, Fuel Tank Spill <input type="checkbox"/> Transportation Accident, Load Spill <input type="checkbox"/> Utility Co. Power Generating/Transfer Facility <input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Cleanup Method: <input type="checkbox"/> Absorbent <input checked="" type="checkbox"/> Excavation <input type="checkbox"/> 50 <del>40</del> cu. yds <input type="checkbox"/> Containment <input type="checkbox"/> Contractor Hired Name: <input type="checkbox"/> Monitor <input type="checkbox"/> No Action Needed <input type="checkbox"/> No Action Taken <input checked="" type="checkbox"/> Waste Destination: Timberline Trail <input type="checkbox"/> Other: in spring	
<b>Injuries?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes how many?		<b>Has An Evacuation Occurred?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>Potential?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Are There Any Resource Damages?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potential <b>What Kind?</b>					
<b>Other Agencies Notified: (check first column, if notified; check both columns, if on the scene)</b>				<b>Incident Commander:</b>	
<input type="checkbox"/> Fire Department <input type="checkbox"/> Local Law Enforcement <input type="checkbox"/> LEPC or Local Emer. Mgt. <input type="checkbox"/> Level A/Level B Team		<input type="checkbox"/> Local DNR <input type="checkbox"/> Div. Emerg. Mgt. <input type="checkbox"/> Coast Guard <input type="checkbox"/> DHFS 608-258-0099		<input type="checkbox"/> EPA <input type="checkbox"/> Nat'l Resp Ctr 800-442-8802 <input type="checkbox"/> Chemtrec 800-424-9300 <input type="checkbox"/> Other:	
<b>Prepared By:</b> RONDA CONNER		Phone # 608-267-0844		Date: 02/09/2006	
<b>Person Notified:</b> NORM DUNBAR		Phone # 715-365-8963		Date: 02/09/2006 Time: 1331	
<b>Investigated By:</b>		Sign:		Date:	
<b>Spill Coordinator Signoff:</b> <i>Norm Dunbar</i>				Date: 3/8/06	
				<b>NFA Letter Sent?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Date: <b>Incident Closed?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date: 3/8/06	

See Additional Comments On Reverse (Please, print page 2 of 2)

*Copy sent to Enbridge*

<b>Date and Military Time Of Incident:</b> hrs	<b>Responsible Party:</b>
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**Additional Comments :**

**Case Activity Report:**  Yes  No CAR#: (Please, attach copy of all CAR and other documentation)

**Enforcement Action:**  Yes  No (Explain Below)

Enbridge Pipelines (Lakehead) L.L.C.  
119 N. 25<sup>th</sup> Street East  
Superior, WI 54880  
Tel 715 394 1400  
Fax 715 394 1570  
www.enbridgepartners.com

Scott W. Lounsbury Supervisor, Environment  
Rachael Shetka Environmental Analyst  
Kris H. Benson Environmental Analyst II  
Paul R. Meneghini Sr. Environmental Analyst  
David M. Hoffman Sr. Environmental Analyst  
Joe J. Peterson Environmental Analyst II



February 28, 2006

Mr. Norm Dunbar  
Wisconsin Department of Natural Resources  
Northern Region  
107 Sutliff Avenue  
Rhinelander, WI 54501

Re: Enbridge Superior Terminal  
Historic Release Line 1 Sump  
February 9, 2006

Dear Mr. Dunbar:

As a follow-up to earlier email correspondence, I have prepared this letter to summarize Enbridge Energy Company (Enbridge) leak response activities concerning the above-referenced historic leak. The location of the leak is identified on the attached map.

On February 9, 2006 a contractor crew was preparing to remove what Enbridge referred to as the Line 1 Sump. The sump had not been used for some time and therefore was targeted for removal. While excavating soil to expose the top of the 2,000-gallon steel sump, a slight petroleum odor and mild staining was observed originating from near the surface in close proximity to the sump vent. Based on the evidence of this historic release, a petroleum release was reported to the Wisconsin DNR Duty Officer.

All soil exhibiting staining or a petroleum odor was segregated and stockpiled on-site for landfill disposal. Following the removal of the sump, representative soil samples were obtained from the excavation and observed for odors or staining until all impacted soil had been removed. In addition, one soil sample (B-1) was collected from the base of the excavation and was analyzed for diesel range organics (DRO), BTEX and PAHs per your recommendation. A copy of the laboratory analytical testing report is attached. In summary, no compounds exceeding the laboratory reporting limit were identified. The sump was also inspected following removal. No holes were identified and the sump appeared in good condition with very little corrosion identified.

All visually stained soil was later hauled and disposed of at Waste Management's Timberline Trail Landfill in Weyerhaeuser, Wisconsin on February 15, 2006. Weight tickets are attached as documentation which indicates a total of 58.1 tons or approximately 41 cubic yards of soil was disposed of.

Based on the response activities completed, we are requesting closure of this release. If you agree, please forward written closure documentation for our records. Otherwise, please contact me if you require further documentation.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Paul Meneghini'.

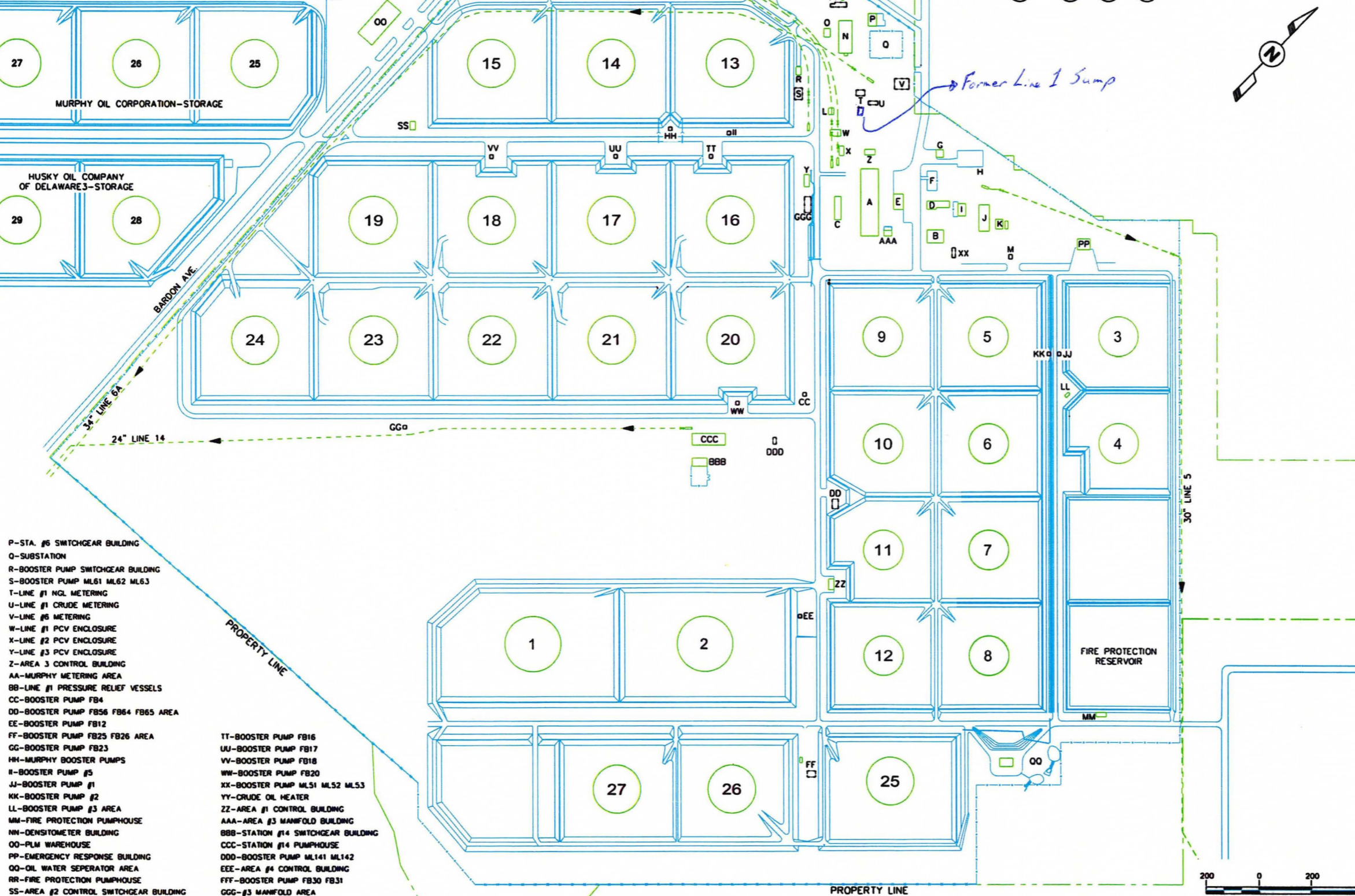
Paul Meneghini, P.E.  
Sr. Environmental Analyst

Attachments

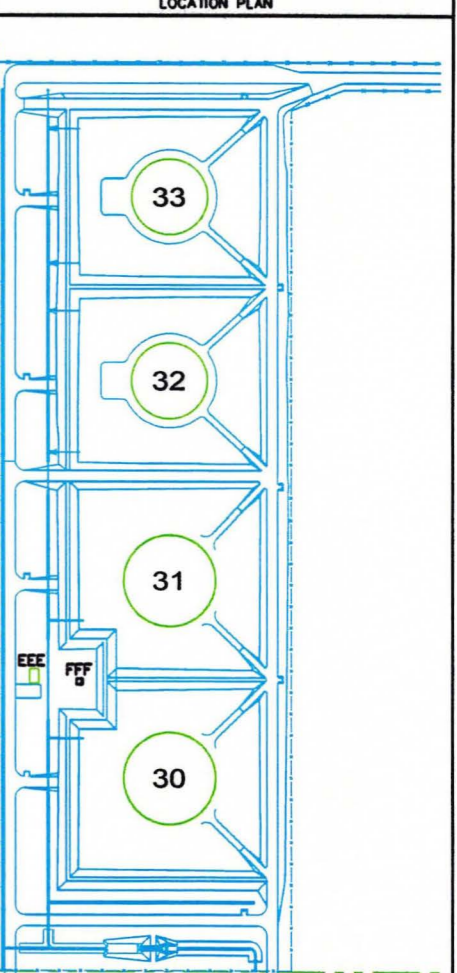
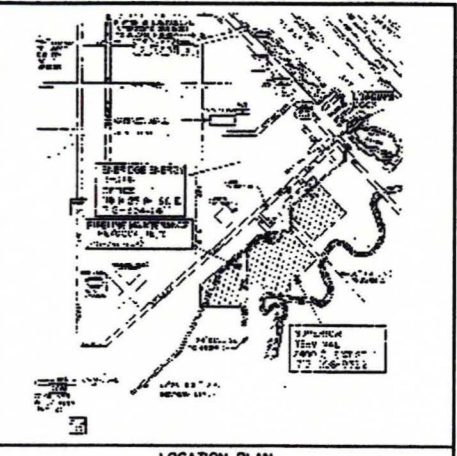
3/3/06

**LEGEND**

- A-CONTROL BUILDING
- B-MANIFOLD BUILDING #1
- C-MANIFOLD BUILDING #2
- D-PUMPHOUSE (LOADING)
- E-UTILITY BUILDING
- F-SUBSTATION
- G-LINES 1,5,6, & AMOCO METER CONTROL BUILDING
- H-LINE 5 & AMOCO METERING AREA
- I-STA. #5 SWITCHGEAR BUILDING
- J-STA. #5 PUMPHOUSE
- K-STA. #5 PCV ENCLOSURE
- L-RECEIVING MANIFOLD CONTROL BUILDING
- M-MURPHY BOOSTER PUMPS
- N-STA. #6 PUMPHOUSE
- O-STA. #6 PCV ENCLOSURE



- P-STA. #6 SWITCHGEAR BUILDING
- Q-SUBSTATION
- R-BOOSTER PUMP SWITCHGEAR BUILDING
- S-BOOSTER PUMP ML61 ML62 ML63
- T-LINE #1 NGL METERING
- U-LINE #1 CRUDE METERING
- V-LINE #6 METERING
- W-LINE #1 PCV ENCLOSURE
- X-LINE #2 PCV ENCLOSURE
- Y-LINE #3 PCV ENCLOSURE
- Z-AREA 3 CONTROL BUILDING
- AA-MURPHY METERING AREA
- BB-LINE #1 PRESSURE RELIEF VESSELS
- CC-BOOSTER PUMP FB4
- DD-BOOSTER PUMP FB56 FB64 FB65 AREA
- EE-BOOSTER PUMP FB12
- FF-BOOSTER PUMP FB25 FB26 AREA
- GG-BOOSTER PUMP FB23
- HH-MURPHY BOOSTER PUMPS
- II-BOOSTER PUMP #5
- JJ-BOOSTER PUMP #1
- KK-BOOSTER PUMP #2
- LL-BOOSTER PUMP #3 AREA
- MM-FIRE PROTECTION PUMPHOUSE
- NN-DENSITOMETER BUILDING
- OO-PLM WAREHOUSE
- PP-EMERGENCY RESPONSE BUILDING
- QQ-OIL WATER SEPARATOR AREA
- RR-FIRE PROTECTION PUMPHOUSE
- SS-AREA #2 CONTROL SWITCHGEAR BUILDING
- TT-BOOSTER PUMP FB16
- UU-BOOSTER PUMP FB17
- VV-BOOSTER PUMP FB18
- WW-BOOSTER PUMP FB20
- XX-BOOSTER PUMP ML51 ML52 ML53
- YY-CRUDE OIL HEATER
- ZZ-AREA #1 CONTROL BUILDING
- AAA-AREA #3 MANIFOLD BUILDING
- BBB-STATION #14 SWITCHGEAR BUILDING
- CCC-STATION #14 PUMPHOUSE
- DDD-BOOSTER PUMP ML141 ML142
- EEE-AREA #4 CONTROL BUILDING
- FFF-BOOSTER PUMP FB30 FB31
- GGG-#3 MANIFOLD AREA



NO	REVISION	BY	DATE	APPR
1	REVISED PER TERRACE #	JT	10/23/03	PJB

**ENBRIDGE** Enbridge Energy, Limited Partnership

**SUPERIOR (WI) TERMINAL**

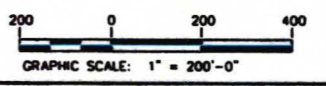
ADMINISTRATIVE PLOT PLAN

PROJECT: D-1.2-472-1-130

SCALE: 1" = 200'-0" DATE: 10/23/03 DRAWN: JT

CHECK: PJB APPR: DAC DATE: 10/23/03

APPR: [Signature]



DRIVER: (PLEASE SIGN BELOW)

REFERENCE NO.

B27458

DRIVER SIGN HERE

LOCATION 02/15/2006

Loc ID County ST Pct  
RUSK RUSK WI 100%

RR RR  
RR RR

RR  
RR

GROSS: 36.720

TARE: 14.590

Oper Time Date

In: RJD 10:23 AM 02/15/2006

NET: 22.130

Out: RJD 10:30 AM 02/15/2006

RR RR  
RR RR

RR  
RR

TIMBERLINE TRAIL RDF  
WASTE MANAGEMENT  
P.O. BOX 160  
BRUCE, WI 54819

COMMENTS: 304-1067

FAX: 715-865-7001

CAMBRIDGE BUSINESS FORMS, INC. (947) 519-1800

CUSTOMER NO. TRUCK NO.

CUSTOMER:  
0000346 U28

PROFILE NO.

MANIFEST NO.

484270

PERMIT NO.

LAKEHEAD PIPELINE

758073

FOR LOAD CODE	NEUN	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
BID		CONTAMINATED SOIL	15.00	
<i>Scott</i>				

RR RR  
RR RR

RR  
RR

WM0081

CUSTOMER COPY

DRIVER: (PLEASE SIGN BELOW)

03 03 03

*[Handwritten Signature]*

REFERENCE NO.

827459

DRIVER SIGN HERE

LOCATION 02/15/2006

Loc ID	County	ST Pct
RUSK	RUSK	WI 100%

CAMBRIDGE BUSINESS FORMS, INC. (847) 519-1800

GROSS: 33.660  
TARE: 14.840

Oper Time Date

NET: 18.820	In: RJD 10:25 AM	02/15/2006
	Out: RJD 10:40 AM	02/15/2006

TIMBERLINE TRAIL RDF  
WASTE MANAGEMENT  
P.O. BOX 160  
BRUCE, WI 54819

COMMENTS: 504-1067 FAX: 715-868-7001

CUSTOMER NO.	TRUCK NO.	
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CUSTOMER:  
0000346 U22

484270

LAKEHEAD PIPELINE

758074

PROFILE NO.
MANIFEST NO.
PERMIT NO.

03 03 03

FORT ATKINSON

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
BIO	CONTAMINATED SOIL	15.00	

WM0081

CUSTOMER COPY

DRIVER: (PLEASE SIGN BELOW)

REFERENCE NO.

827460

DRIVER SIGN HERE

LOCATION 02/15/2006

Loc ID	County	ST Pct
RUSK	RUSK	WI 100%

GROSS: 30.990

TARE: 13.840

Oper Time Date

In: RJD 10:26 AM 02/15/2006

NET: 17.150

Out: RJD 10:41 AM 02/15/2006

TIMBERLINE TRAIL RDF

WASTE MANAGEMENT

P.O. BOX 160

BRUCE, WI 54819

COMMENTS: 504-1067

FAX: 715-868-7001

CUSTOMER NO.

TRUCK NO.

PROFILE NO.

CUSTOMER:

0000346 U24

484270

MANIFEST NO.

LAKEHEAD PIPELINE

758075

PERMIT NO.

FOR LOADS ONLY

LOAD DESCRIPTION

LOAD QUANTITY

AMOUNT

BIG

CONTAMINATED SOIL

15.00

WM0091

CUSTOMER COPY

**Dunbar, Norman C**

---

**To:** Paul.Meneghini@Enbridge.com  
**Subject:** RE: Enbridge Line 1 Sump Historic Leak

Thanks for the update.  
Norm

-----Original Message-----

From: Paul.Meneghini@Enbridge.com [mailto:Paul.Meneghini@Enbridge.com]  
Sent: Monday, February 20, 2006 11:00 AM  
To: Dunbar, Norman C  
Subject: Enbridge Line 1 Sump Historic Leak

Norm,

Here's an update on the February 9, 2006 historic impacts we reported at our terminal in Superior.

Per our phone conversation, we collected a sample from the base of the excavation for analysis for DRO/BTEX and PAHs. The sample was collected on February 13, 2006 which is when the tank was removed and all visually impacted soil had been removed. We should get the results around the end of the month. Impacts were generally noted in the upper 3 feet of soil and appeared to be from surficial historic leaks. I inspected the 2,000-gallon steel sump tank following removal and could not find any holes. The sump appeared to be in very good shape.

We also beat the deep freeze and had the soil hauled to WM Timberline Trail Landfill on Wednesday February 15th. Three loads went out with an average of about 15 yards per truck, so total impacted should be around 45 yards.

Once the lab results are in and I've gotten disposal documentation from the landfill, we'll prepare a report for you.

Thanks,

Paul Meneghini, P.E.  
Enbridge Energy  
Senior Environmental Analyst  
119 N. 25th Street East  
Superior, WI 54880-5247  
715-394-1576 Phone  
715-394-1570 Fax

\* \* \* \* \* IMPORTANT NOTICE \* \* \* \* \*

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