

24-Hour Emergency Hotline Number: 1-800-943-0003

Date & Military Time Of Incident: 04/15/2004, 21:00 PM		Date & Military Time Reported: 04/14/2004, 22:15Pm		Spill File # NOR04152004_02 <i>04-16-527017</i>	
Person Reporting: Al Aleknavicius		Representing: Enbridge Energy		Phone # (715-394-1415)office Fax # (218-591-2818)cell	
Responsible Party (RP) / Spiller: Enbridge Energy		RP Decision Based On:		Phone # () Fax # ()	
RP Address: 2800 E 21st St		City Superior State WI Zip Code 54880			
RP Contact Name & Title: <i>Mark Sitek</i>		Phone # (715) 394-1410 Fax # ()			
Substance Involved: crude oil		Amount & Units Released: 20 gallons		Amount & Units Recovered: unknown	
<input type="checkbox"/> Solid <input type="checkbox"/> Semisolid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas		Color:		Odor:	
Exact Location Of Incident: (including street name, bldg. #, mileage, etc.) same as above at sampling building				Facility Name / Property Owner: Enbridge Energy	
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township Superior		County Douglas		Latitude/Longitude	
DNR Region: NOR		<i>NW1/4 NW 1/4 Sec 14 T 31N R 13</i> <input type="checkbox"/> E <input checked="" type="checkbox"/> W		Weather Conditions:	
Cause Of Incident: <i>Pump seal failed on denostometer, oil spilled onto ground - near tank 15</i>					
Spilled Substance Impact To: (check X all that apply) <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:		Spill Cause/Site: <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:		Action Taken By Spiller: <input type="checkbox"/> Cleanup Method: <input type="checkbox"/> Absorbent <input checked="" type="checkbox"/> Excavation <i>13 cu. yds</i> <input checked="" type="checkbox"/> <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: <i>loading expert</i> <input type="checkbox"/> Other: <i>Timberline Trail</i>	
Injuries? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes how many?		Has An Evacuation Occurred? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Potential? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Are There Any Resource Damages? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potential What Kind?					
Other Agencies Notified: (check first column, if notified; check both columns, if on the scene) <input type="checkbox"/> Fire Department <input checked="" type="checkbox"/> Local DNR <input type="checkbox"/> EPA <input type="checkbox"/> Local Law Enforcement <input type="checkbox"/> Div. Emerg. Mgt. <input type="checkbox"/> Nat'l Resp Ctr 800-442-8802 <input type="checkbox"/> LEPC or Local Emer. Mgt. <input type="checkbox"/> Coast Guard <input type="checkbox"/> Chemtrec 800-424-9300 <input type="checkbox"/> Level A/Level B Team <input type="checkbox"/> DHFS 608-258-0099 <input type="checkbox"/> Other:				Incident Commander: Phone # ()	
Prepared By: Karl Brooks		Phone # 608-267-7455		Date: 04/15/2004	
Person Notified: John Krull		Phone # 715-296-8835		Date: 04/16/2004	
Investigated By:		Sign:		Date:	
Spill Coordinator Signoff: <i>Norman Aamba</i>		Date: <i>6/1/04</i>		Transferred To: ERP <input type="checkbox"/> DATCP <input type="checkbox"/> Date: Case #	
				Incident Closed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date: <i>6/1/04</i>	
				NFA Letter Sent? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Spill Packet Sent? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No To:	
<input type="checkbox"/> See Additional Comments On Reverse Please, print page 2 of 2					

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Scott W. Lounsbury Supervisor, Environment
William VonSee Environmental Analyst
Kris H. Benson Environmental Analyst II
Paul R. Meneghini, P.E. Environmental Analyst II



May 26, 2004

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

Re: Enbridge Superior Terminal
April 15, 2004 Leak
Line #6 Densitometer Building

Dear Mr. Dunbar:

As a follow-up to my earlier email on April 16, 2004, I have prepared this letter to summarize Enbridge Energy Company (Enbridge) leak response activities concerning the above-referenced leak.

A release of approximately 0.5 barrel of oil occurred from the Line 6 Densitometer building on April 15, 2004. This was the same location as a leak identified and cleaned up on April 8, 2004. A failed seal on a sampling pump was again determined to be the source of the release. This time the entire pump was replaced since this seemed to be the reason why the seals were leaking. Recovery of product and clean up of the area was executed immediately. Most of the product was successfully contained within the densitometer building; the product which had migrated out of the building pooled up along the southeast and northeastern edges on the building. Cleanup was completed rather quick and impacts only affected the surface of the soil where the oil had formed a small, contained pool.

All visually stained soil was removed totaling approximately 18.51 tons (13 cubic yards) of impacted soil. The soil was stockpiled on-site and was later hauled and disposed of at Waste Management's Timberline Trail Landfill in Weyerhaeuser, Wisconsin. A copy of the manifest and weight ticket is attached as documentation.

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', is written over the word 'Sincerely,'.

Paul Meneghini, P.E.
Environmental Analyst II

Attachments

DRIVER: PLEASE SIGN BELOW

DRIVER SIGN HERE

LOCATION

04/23/2004

REFERENCE NO

Large rectangular area for driver signature and location details.

GROSS: 34,480
TARE: 16,170

Drop Time

Date

IN: RJD1 0744 AM 04/23/2004

NET: 18,310
TIMBERLINE TRAIL RFP
WASTE MANAGEMENT
P.O. BOX 160
BRIDGE, WI 54819
COMMENTS: 504-1067
PGY: 715-858-2001

CUSTOMER NO. TRUCK NO.

PROFILE NO.
MANIFEST NO. TL7484270
PERMIT NO.

TAKEHEAD PIPELINE

STOAG COPPER IN SDN

LOAD DESCRIPTION

WT

LOAD QUANTITY

AMOUNT

Table with 4 columns: Load Description, WT, Load Quantity, Amount. Includes handwritten notes and a signature.

SPECIAL WASTE MANIFEST DISPOSAL TICKET

757658

TIMBERLINE TRAIL
RECYCLING & DISPOSAL FACILITY
BIOSITESM



A Waste Management Company

BILL TO: Enbridge Energy
TRANSPORTER: Fiske Trucking
GENERATOR: Enbridge Energy
GENERATORS SIGNATURE: [Signature] 4/23/04
WASTE DESCRIPTION: Waste Transformer Oil
PROFILE #: TL7484270
ACCEPTED BY: [Signature] 4/23/04
DRIVERS SIGNATURE: [Signature]

Line 6 Generator #216
4/15/04

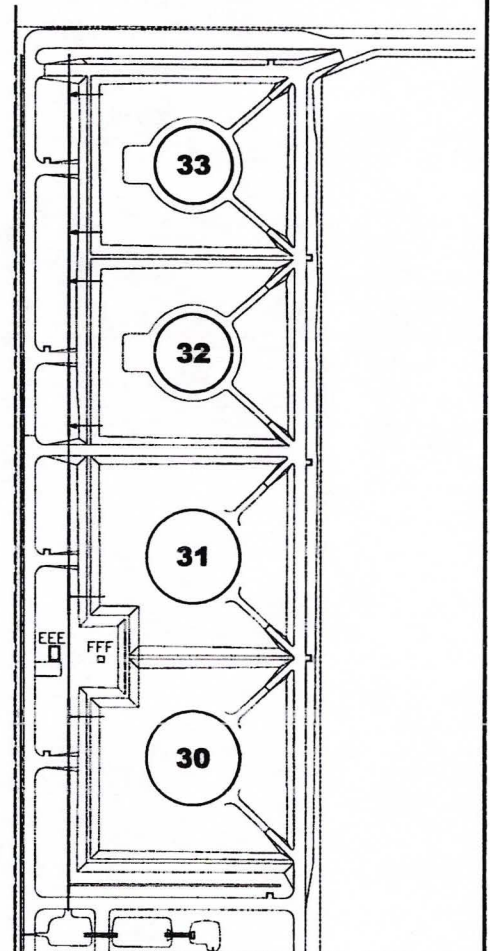
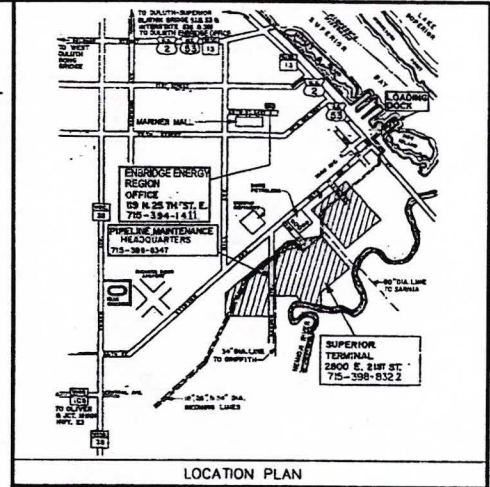
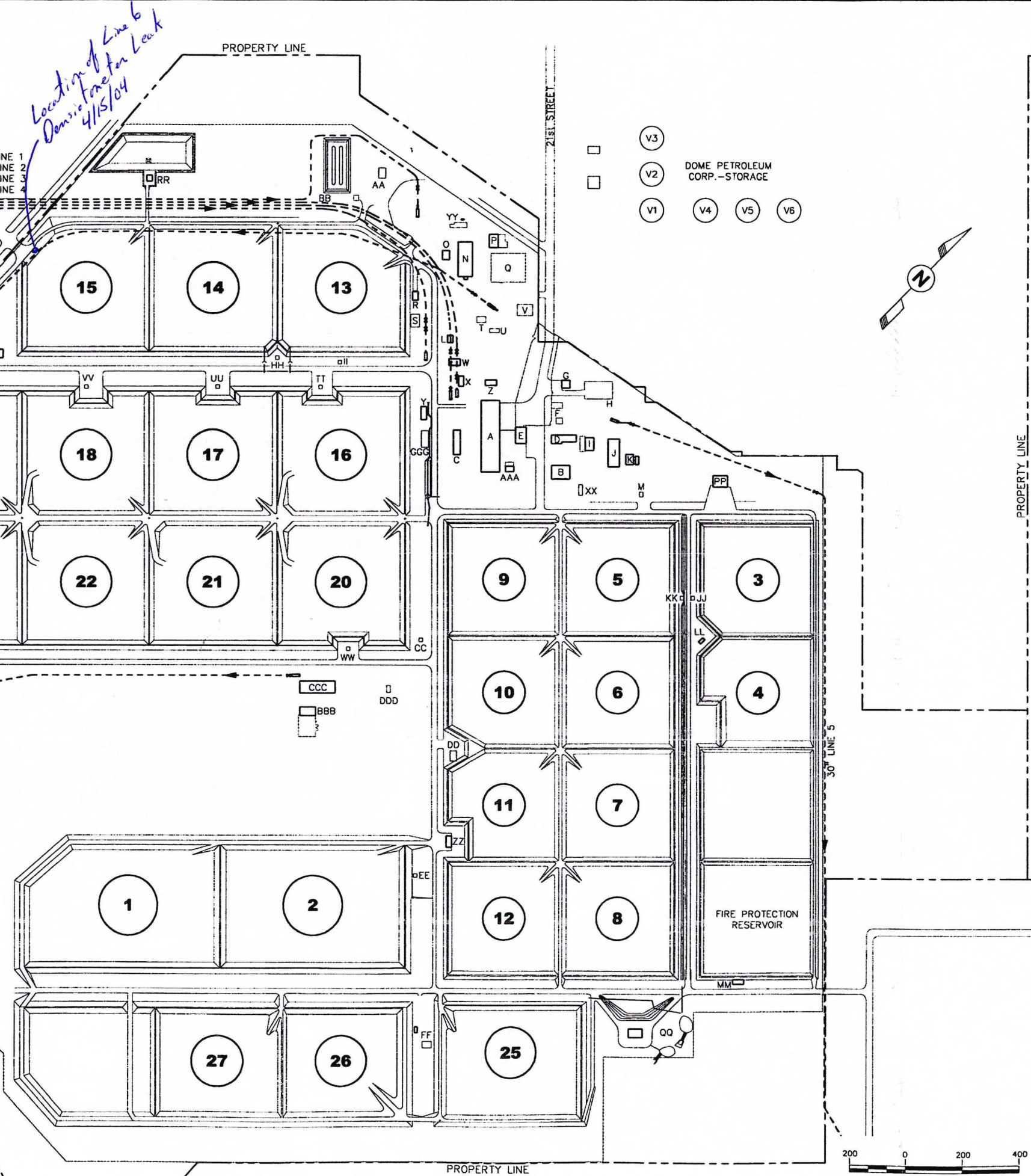
TRUCK NO. 3002 TONS/YARDS 18.51

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	DATE	BY	APPR
1	REVISED PER TERRACE III	10/23/03	JT	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: _____

Dunbar, Norman C

From: Paul.Meneghini@Enbridge.com
Sent: Friday, April 16, 2004 3:09 PM
To: Dunbar, Norman C
Cc: Kristen.Benson@enbridge.com; Scott.Lounsbury@enbridge.com; Mark.Sitek@enbridge.com; Al.Aleknavicius@Enbridge.com
Subject: Enbridge Superior Terminal 4/15/04 Leaks

Norm,

Wanted to give you a heads-up concerning 2 additional leaks we had at the terminal yesterday and last night.

One is at the Line 6 densitometer building which was the result of a failed gasket. This leak is at the same location as the leak summarized in Kris Benson's email to you dated April 8, 2004. Per Kris's email, we had already completed mop up excavation in the area and had backfilled and restored the area. This new leak occurred and was estimated at 1/2-barrel and basically was very similar to the past leak. Our PLM crew quickly completed a surficial scrape to cleanup of all visually contaminated oily soil and also an excavation about 3-4 feet deep was completed around the small (6' x 6' building) which houses the densitometer. Total amount of oily soil generated is about 15-20 cubic yards. The soil is temporarily stockpiled within a tank berm and will be shipped to WM's Ladysmith Landfill. I have pictures of the cleanup efforts and will be sure to include some in a letter report to you along with the disposal documentation. Per previous small spills at the Terminal, we don't plan on collecting any samples for analytical testing.

Another leak occurred on a mainline pump within the Terminal (Line #6). A gasket failed which caused approximately 2 barrels of oil to spray out onto the ground surface over an area about 20' x 30'. The ground surface beneath the pump is contained by a berm which effectively contained the oil. The bottom of the berm is lined with crushed rock. Due to the presence of overhead access ramps, excavation was not an option. Vac trucks were used to suck up free oil and then a pressure washer was used to mobilize the oil from the crushed rock. The water/oil was then vacuumed up. The water/oil will be reinjected into the pipeline system and any residual rock/sand that was sucked up by the vac-truck will be disposed of at the WM landfill.

If you have any questions on these or need any additional information, please feel free to give me a call.

Thanks,

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