

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

Date & Military Time Of Incident: 6/3/04		Date & Military Time Reported: 6/3/04 1:25		Spill File # BRRTS # 04-16-537774	
Person Reporting: Paul Meneghini		Representing: Enbridge Energy		Phone # (715) 394-1400 Fax # ()	
Responsible Party (RP) / Spiller: Enbridge Energy		RP Decision Based On:		Phone # (715) 394-1400 Fax # ()	
RP Address: 119 N. 25 th St. East				City State Zip Code Superior, WI 54880	
RP Contact Name & Title: Paul Meneghini - Environmental Analyst				Phone # (715) 394-1400 Fax # ()	
Substance Involved: Crude oil		Amount & Units Released: 1/2 barrel or 15 ⁺ gal		Amount & Units Recovered:	
<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.) Booster pump 25				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		NW1/4 SW1/4 Sec 31 T49N R13 <input type="checkbox"/> E <input checked="" type="checkbox"/> W		Weather Conditions:	
Cause Of Incident: Valve failure					
Spilled Substance Impact To: (check X all that apply)		Spill Cause/Site:		Action Taken By Spiller:	
<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 type="checkbox"/> Cleanup Method: <input type="checkbox"/> Absorbent <input checked="" type="checkbox"/> Excavation 211 cu.yds <input 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: Timberline <input type="checkbox"/> Other: trail - Wm Lunett	
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)				Incident Commander:	
<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: Phone # ()	
Prepared By: Norm Dunbar		Phone # 715-365-8963	Date: 10/18/04	Rpt'd To DATCP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
Person Notified: Norm Dunbar		Phone # 715-365-8963	Date: 1:25	Transferred to DATCP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
Investigated By:		Sign:	Date:	Spill Packet Sent? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
				To:	
				Transferred to ERP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
				Case #	
Spill Coordinator Signoff: Norman Dunbar		Date: 10/18/04	NFA Letter Sent? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:		
			Incident Closed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date: 10/18/04		

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

Date and Military Time Of Incident:	Responsible Party:
Additional Comments :	
Case Activity Report: <input type="checkbox"/> Yes <input type="checkbox"/> No CAR#:	(Please, attach copy of all CAR and other documentation)
Enforcement Action: <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain Below)	

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

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



October 14, 2004

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

Re: Enbridge Superior Terminal
June 3, 2004 Leak
Booster Pump 25

Dear Mr. Dunbar:

As a follow-up to our phone conversation on June 3, 2004, I have prepared this letter to summarize Enbridge Energy Company (Enbridge) leak response activities concerning the above-referenced leak. The location of the leak is identified on the attached map.

A release of approximately ½-barrel of oil occurred from **Booster Pump 25** on June 3, 2004. ^{During hydro test} The leak was discovered since a small amount of oil was observed on the surface near the valve. Once excavation activities commenced, the leak was determined to be from a leaking ½-inch pipe located on the valve. Recovery of product and clean up of all visually stained soil was executed immediately.

All visually stained soil was removed totaling approximately 37 cubic yards and was stockpiled on-site and was later hauled and disposed of at Waste Management's Timberline Trail Landfill in Weyerhaeuser, Wisconsin on June 29, 2004. A weight ticket (Weight Ticket #1) from WM is attached as documentation.

In order to complete maintenance on the valve, a significant amount of non-stained soil needed to be later removed to allow access. This totaled approximately 211 cubic yards. Since this material was generated within the same excavation, it was stockpiled and tested separately by Natural Resources Engineering Company (NREC). A copy of the analytical testing results are attached. In summary, the results indicated relatively low level petroleum impacts were present in the stockpile, therefore the material was also disposed of at the WM landfill on October 1 and 2nd. A copy of the weight ticket (Weight Ticket #2) is from WM 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 'P. Meneghini'.

Paul Meneghini, P.E.
Environmental Analyst II

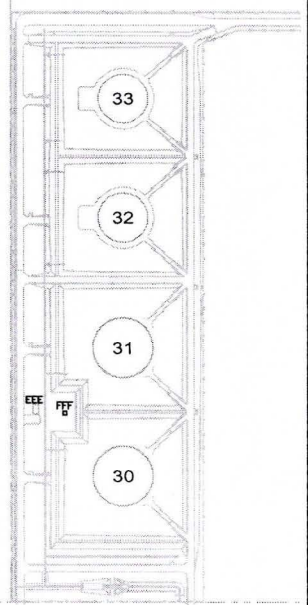
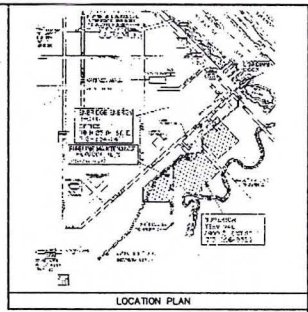
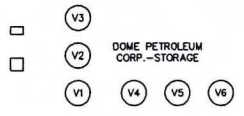
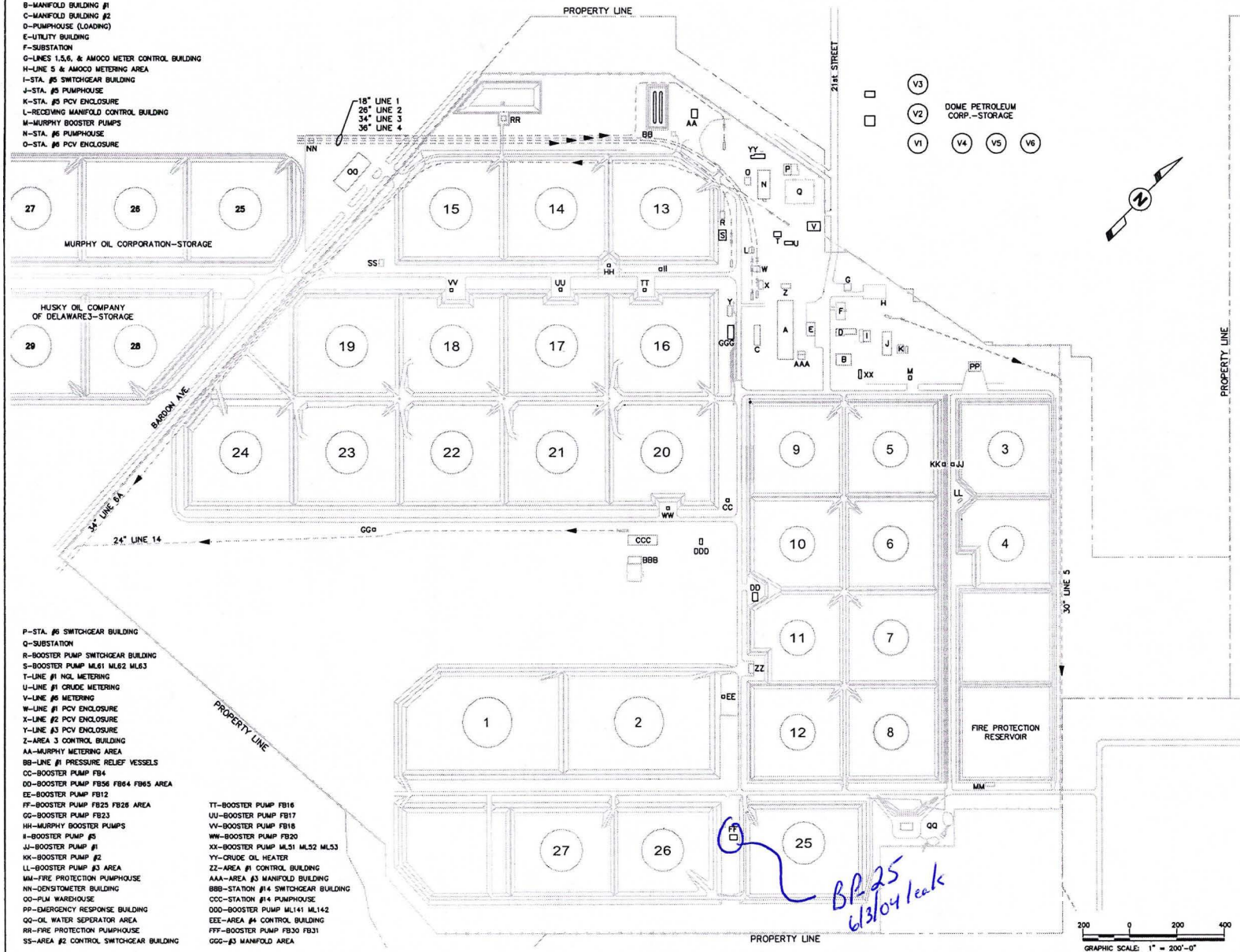
Attachments

LEGEND

- A-CONTROL BUILDING
- B-MANFOLD BUILDING #1
- C-MANFOLD 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 MANFOLD 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 ML81 ML62 ML83
- T-LINE #1 HCL 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

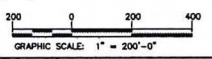
- TT-BOOSTER PUMP FB18
- UU-BOOSTER PUMP FB17
- VV-BOOSTER PUMP FB16
- WW-BOOSTER PUMP FB20
- XX-BOOSTER PUMP ML51 ML52 ML53
- YY-CRUDE OIL HEATER
- ZZ-AREA #1 CONTROL BUILDING
- AAA-AREA #3 MANFOLD BUILDING
- BBB-STATION #14 SWITCHGEAR BUILDING
- CCC-STATION #14 PUMPHOUSE
- DDD-BOOSTER PUMP ML141 ML142
- EEE-AREA #4 CONTROL BUILDING
- FFF-BOOSTER PUMP FB30 FB31
- GGG-#3 MANFOLD AREA



NO	REVISION	BY	DATE	APPR
1	REVISED FOR TORAGE #	JT	10/23/03	PJB

ENBRIDGER Enbridge Energy, Limited Partnership
SUPERIOR (WI) TERMINAL
 ADMINISTRATIVE PLOT PLAN

PROJECT:	DATE: 10/23/03	DRAWN: JT
SCALE: 1" = 200'-0"	CHECK: PJB	APPR: DAC
DATE: 10/23/03	DATE: 10/23/03	
APPR:	D-1.2-472-1-130	





WASTE MANAGEMENT
 WASTE MANAGEMENT OF NORTHERN WISCONSIN
 14581 N HUTCHISON ROAD
 VEYERHAEUSER, WI 54895-9615

Wt. Ticket #1

Customer: ENBRIDGE ENERGY
Account Number: 300-0000346-2274-6
Invoice Date: 07/01/2004
Invoice Number: 0002504-2274-8
Terms: Due Upon Receipt

Date	Ticket	Description	Quantity	U/M	Rate	Amount
5/01/04	790653	Veh#:				
		Wisconsin generator tax/fee	27.65	TON	3.75	103.69
		Landfill soils	27.65	TON	16.00	442.40
		Ticket total				546.09
5/01/04	790658	Veh#:				
		Wisconsin generator tax/fee	23.28	TON	3.75	87.30
		Landfill soils	23.28	TON	16.00	372.48
		Ticket total				459.78
5/01/04	790666	Veh#:				
		Wisconsin generator tax/fee	25.15	TON	3.75	94.31
		Landfill soils	25.15	TON	16.00	402.40
		Ticket total				496.71
5/29/04	792667	Veh#:				
		Wisconsin generator tax/fee	21.77	TON	3.75	81.64
		Landfill soils	21.77	TON	16.00	348.32
		Ticket total				429.96
5/29/04	792668	Veh#:				
		Wisconsin generator tax/fee	23.00	TON	3.75	86.25
		Landfill soils	23.00	TON	16.00	368.00
		Ticket total				454.25
5/29/04	792670	Veh#:				
		Wisconsin generator tax/fee	17.98	TON	3.75	67.43
		Landfill soils	17.98	TON	16.00	287.68
		Ticket total				355.11
5/30/04	792722	Veh#:				
		Wisconsin generator tax/fee	22.35	TON	3.75	83.81
		Landfill soils	22.35	TON	16.00	357.60
		Ticket total				441.41
5/30/04	792723	Veh#:				
		Wisconsin generator tax/fee	21.80	TON	3.75	81.75
		Landfill soils	21.80	TON	16.00	348.80
		Ticket total				430.55
5/30/04	792724	Veh#:				
		Wisconsin generator tax/fee	19.69	TON	3.75	73.84
		Landfill soils	19.69	TON	16.00	315.04
		Ticket total				388.88
5/30/04	792786	Veh#:				
		Wisconsin generator tax/fee	23.19	TON	3.75	86.96
		Landfill soils	23.19	TON	16.00	371.04
		Ticket total				458.00
5/30/04	792787	Veh#:				
		Wisconsin generator tax/fee	23.14	TON	3.75	86.78
		Landfill soils	23.14	TON	16.00	370.24
		Ticket total				457.02

9102250052.04
3.2 61805.01
91207

10.885
23.00
17.98
51.865/1.4 =
37.0d 3 to BP25

9102250054.09
3.2 61865.61
91207

91002.91018.61999

Total Current Charges

4,917.76

06/04/2004 Payment - thank you
 06/23/2004 Payment - thank you

7,025.11-
 962.22-

Total Payments Received

7,987.33-

000035101293004



WASTE MANAGEMENT

WASTE MANAGEMENT OF NORTHERN WISCONSIN
N HUTCHISON ROAD
PRAEUSER, WI 54895-9615

Weight Ticket #2

Customer: _____
Account Number: 300-0000346-2274-6
Invoice Date: 10/01/2004
Invoice Number: 0002653-2274-3
Terms: Due Upon Receipt

Ticket	Description	Quantity	U/M	Rate	Amount
04 796944	Veh#: Wisconsin generator tax/fee	24.85	TON	3.75	93.19
	Landfill soils	24.85	TON	16.00	397.60
	Ticket total				490.79
04 796945	Veh#: Wisconsin generator tax/fee	27.91	TON	3.75	104.66
	Landfill soils	27.91	TON	16.00	446.56
	Ticket total				551.22
04 796948	Veh#: Wisconsin generator tax/fee	27.68	TON	3.75	103.80
	Landfill soils	27.68	TON	16.00	442.88
	Ticket total				546.68
04 796950	Veh#: Wisconsin generator tax/fee	27.02	TON	3.75	101.33
	Landfill soils	27.02	TON	16.00	432.32
	Ticket total				533.65
04 796951	Veh#: Wisconsin generator tax/fee	25.63	TON	3.75	96.11
	Landfill soils	25.63	TON	16.00	410.08
	Ticket total				506.19
04 796987	Veh#: Wisconsin generator tax/fee	23.34	TON	3.75	87.53
	Landfill soils	23.34	TON	16.00	373.44
	Ticket total				460.97
04 796992	Veh#: Wisconsin generator tax/fee	24.61	TON	3.75	92.29
	Landfill soils	24.61	TON	16.00	393.76
	Ticket total				486.05
04 796993	Veh#: Wisconsin generator tax/fee	20.91	TON	3.75	78.41
	Landfill soils	20.91	TON	16.00	334.56
	Ticket total				412.97
04 797002	Veh#: Wisconsin generator tax/fee	24.25	TON	3.75	90.94
	Landfill soils	24.25	TON	16.00	388.00
	Ticket total				478.94
04 797028	Veh#: Wisconsin generator tax/fee	26.69	TON	3.75	100.09
	Landfill soils	26.69	TON	16.00	427.04
	Ticket total				527.13
04 797029	Veh#: Wisconsin generator tax/fee	18.31	TON	3.75	68.66
	Landfill soils	18.31	TON	16.00	292.96
	Ticket total				361.62
03/04 797030	Veh#: Wisconsin generator tax/fee	24.79	TON	3.75	92.96
	Landfill soils	24.79	TON	16.00	396.64
	Ticket total				489.60
03/04 797031	Veh#: Wisconsin generator tax/fee	20.27	TON	3.75	76.01
	Landfill soils	20.27	TON	16.00	324.32
	Ticket total				400.33

*BP-25 leak
low-level impacted
295.95 tax =
1.4
2217yd³*

Total Current Charges

*20.27 = 14.57yd³
1.4
Line 14 BP leak 11/02.*

6,246.14

000035101283004

Client : NREC

Project Name : SUPERIOR TERMINAL STOCKPILE

Project Number :

Field ID : SP-1

Matrix Type : SOIL

Collection Date : 08/10/04

Report Date : 10/14/04

Lab Sample Number : 849810-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	76.5				1	%		08/13/04	SM 2540G M	SM 2540G M

DIESEL RANGE ORGANICS

Preservation Date: 08/13/04 Prep Date: 08/13/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Diesel Range Organics	9.5			4.3	1	mg/kg		08/17/04	WI MOD DRO	WI MOD DRO
DRO Blank	< 5.0			5.0	1	mg/kg		08/17/04	WI MOD DRO	WI MOD DRO
DRO Blank Spike	70				1	%Recov		08/17/04	WI MOD DRO	WI MOD DRO
DRO Blank Spike Duplicate	85				1	%Recov		08/17/04	WI MOD DRO	WI MOD DRO

PVOC

Prep Date: 08/13/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4-Trimethylbenzene	870	33	78		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
1,3,5-Trimethylbenzene	550	33	78		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Benzene	63	33	78		50	ug/kg	Q	08/16/04	SW846 5030B	SW846 M8021
Ethylbenzene	220	33	78		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Methyl-tert-butyl-ether	< 25	25	60		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Toluene	< 25	25	60		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Xylene, o	< 25	25	60		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Xylenes, m + p	450	65	160		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	106				1	%Recov		08/16/04	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 08/13/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	41	3.0	10		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
2-Methylnaphthalene	43	4.2	14		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Acenaphthene	11	2.1	6.9		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Acenaphthylene	< 7.3	7.3	24		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Anthracene	34	2.8	9.4		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Benzo(a)anthracene	89	16	54		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Benzo(a)pyrene	93	13	44		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Benzo(b)fluoranthene	74	11	36		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Benzo(ghi)perylene	53	7.3	24		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Benzo(k)fluoranthene	83	14	48		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Chrysene	100	15	50		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Dibenz(a,h)anthracene	16	4.3	14		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Fluoranthene	180	12	41		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Fluorene	22	1.7	5.8		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Indeno(1,2,3-cd)pyrene	48	6.9	23		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Naphthalene	21	3.2	11		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Phenanthrene	98	7.4	25		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Pyrene	150	16	54		1	ug/Kg		08/13/04	SW846 3545	8270C-SIM
Nitrobenzene-d5	70				1	%Recov		08/13/04	SW846 3545	8270C-SIM
2-Fluorobiphenyl	63				1	%Recov		08/13/04	SW846 3545	8270C-SIM
Terphenyl-d14	68				1	%Recov		08/13/04	SW846 3545	8270C-SIM

Client : NREC
Project Name : SUPERIOR TERMINAL STOCKPILE
Project Number :
Field ID : SP-2

Matrix Type : SOIL
Collection Date : 08/10/04
Report Date : 10/14/04
Lab Sample Number : 849810-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	82.6				1	%		08/13/04	SM 2540G M	SM 2540G M

DIESEL RANGE ORGANICS

Preservation Date: 08/13/04 Prep Date: 08/13/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Diesel Range Organics	14			4.4	1	mg/kg		08/17/04	WI MOD DRO	WI MOD DRO
DRO Blank	< 5.0			5.0	1	mg/kg		08/17/04	WI MOD DRO	WI MOD DRO
DRO Blank Spike	70				1	%Recov		08/17/04	WI MOD DRO	WI MOD DRO
DRO Blank Spike Duplicate	85				1	%Recov		08/17/04	WI MOD DRO	WI MOD DRO

PVOC

Prep Date: 08/13/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4-Trimethylbenzene	400	30	73		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
1,3,5-Trimethylbenzene	340	30	73		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Benzene	< 25	25	60		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Ethylbenzene	110	30	73		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Methyl-tert-butyl-ether	< 25	25	60		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Toluene	< 25	25	60		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Xylene, o	< 25	25	60		50	ug/kg		08/16/04	SW846 5030B	SW846 M8021
Xylenes, m + p	95	61	150		50	ug/kg	Q	08/16/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		08/16/04	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 08/13/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	120	2.8	9.3		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
2-Methylnaphthalene	170	3.9	13		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Acenaphthene	11	1.9	6.4		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Acenaphthylene	< 6.8	6.8	23		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Anthracene	14	2.6	8.7		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Benzo(a)anthracene	27	15	50		1	ug/Kg	Q	08/14/04	SW846 3545	8270C-SIM
Benzo(a)pyrene	26	12	41		1	ug/Kg	Q	08/14/04	SW846 3545	8270C-SIM
Benzo(b)fluoranthene	29	9.9	33		1	ug/Kg	Q	08/14/04	SW846 3545	8270C-SIM
Benzo(ghi)perylene	15	6.7	22		1	ug/Kg	Q	08/14/04	SW846 3545	8270C-SIM
Benzo(k)fluoranthene	22	13	44		1	ug/Kg	Q	08/14/04	SW846 3545	8270C-SIM
Chrysene	52	14	46		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Dibenz(a,h)anthracene	4.2	4.0	13		1	ug/Kg	Q	08/14/04	SW846 3545	8270C-SIM
Fluoranthene	58	11	38		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Fluorene	43	1.6	5.4		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Indeno(1,2,3-cd)pyrene	12	6.4	21		1	ug/Kg	Q	08/14/04	SW846 3545	8270C-SIM
Naphthalene	74	3.0	9.9		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Phenanthrene	79	6.8	23		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Pyrene	77	15	50		1	ug/Kg		08/14/04	SW846 3545	8270C-SIM
Nitrobenzene-d5	53				1	%Recov		08/14/04	SW846 3545	8270C-SIM
2-Fluorobiphenyl	48				1	%Recov		08/14/04	SW846 3545	8270C-SIM
Terphenyl-d14	45				1	%Recov		08/14/04	SW846 3545	8270C-SIM

Analytical Report Number: 849810

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NREC

Project Name : SUPERIOR TERMINAL STOCKPILE

Project Number :

Field ID : MEOH BLANK

Matrix Type : METHANOL

Collection Date : 08/10/04

Report Date : 10/14/04

Lab Sample Number : 849810-003

PVOC

Prep Date: 08/13/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/L		08/16/04	SW846 5030B	SW846 M8021
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/L		08/16/04	SW846 5030B	SW846 M8021
Benzene	< 25	25	60		50	ug/L		08/16/04	SW846 5030B	SW846 M8021
Ethylbenzene	< 25	25	60		50	ug/L		08/16/04	SW846 5030B	SW846 M8021
Methyl-tert-butyl-ether	< 25	25	60		50	ug/L		08/16/04	SW846 5030B	SW846 M8021
Toluene	< 25	25	60		50	ug/L		08/16/04	SW846 5030B	SW846 M8021
Xylene, o	< 25	25	60		50	ug/L		08/16/04	SW846 5030B	SW846 M8021
Xylenes, m + p	< 25	25	60		50	ug/L		08/16/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	102				1	%Recov		08/16/04	SW846 5030B	SW846 M8021