NFA 4/29/14

02-16-561635

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (05/12) Page 1 of 2

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than $10 nor more than $5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from **(check one)**:

- ☐ Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- ☐ Aboveground Petroleum Storage Tank System
- ☐ Dry Cleaner Facility
- ☒ Other - Describe: Historical crude oil impacts in a valve (2515 and 2605) maintenance excavation.

ATTN DNR: **R & R Program Associate** Date DNR Notified: 01/02/2014

1. Discharge Reported By

Name	Firm	Phone No. (include area code)
Alex Smith	Enbridge Energy	(715) 398-4795

Mailing Address	Email Address
1320 Grand Ave., Superior, WI 54880	alex.smith@enbridge.com

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property. Enbridge Superior Terminal - Valve 2515 and 2605 Maintenance Excavation

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60. 2800 East 21st Street, Superior, WI 54880

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.
Superior

County:	Legal Description:	WTM:
Douglas	NW 1/4 SW 1/4 Sec 31 Tn 49N Range 13 ○ E ◉ W	X _____ Y _____

3. Responsible Party (RP) and/or RP Representative

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Enbridge Energy

☐ Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/org/aw/rr/lgu/liability.htm.

Contact Person Name (if different)	Phone Number	Email Address
Alex Smith	(715) 398-4795	alex.smith@enbridge.com

Mailing Address	City	State	ZIP Code
1320 Grand Ave., Superior, WI 54880	Superior	WI	54880

Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email Address

Mailing Address	City	State	ZIP Code

(continued)

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4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- [x] VOC's
- [ ] PAH's
- [ ] Metals (specify): _____
- [ ] Arsenic
- [ ] Chromium
- [ ] Cyanide
- [ ] Lead
- [ ] PCB's
- [ ] Diesel
- [ ] Fuel Oil
- [ ] Gasoline
- [ ] Hydraulic Oil
- [ ] Jet Fuel
- [ ] Mineral Oil
- [ ] Waste Oil
- [ ] Petroleum-Unknown Type
- [ ] PERC (Dry Cleaners)
- [ ] RCRA Hazardous Waste
- [ ] Leachate
- [ ] Fertilizer
- [ ] Pesticide/Herbicide/Insecticide(s)
- [x] Other (specify): Crude oil
- [ ] Unknown

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- ___ Air Contamination
- ___ Co-Contamination (Petroleum & Non-Petroleum)
- ___ Contamination Within 1 Meter of Bedrock
- ___ Contaminated Private Well
- ___ Contaminated Public Well
- ___ Contamination in Fractured Bedrock
- ___ Sanitary Sewer Contamination
- ___ Contamination in Right of Way
- ___ Fire Explosion Threat
- ___ Free Product
- P Groundwater Contamination
- ___ Off-Site Contamination
- ___ Other (specify): _____
- K Soil Contamination
- ___ Storm Sewer Contamination
- ___ Surface Water Contamination
- ___ Within 100 ft of Private Well
- ___ Within 1000 ft of Public Well

Contamination was discovered as a result of:

- [ ] Tank closure assessment — Date
- [ ] Site assessment — Date
- [x] Other - Describe: Valve maintenance excavation — Date 11/13/2012

Lab results: [ ] Lab results will be faxed upon receipt [x] Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

Impacts were from a historical release

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

For all confirmed releases from UST's occurring after 9/30/2007 please provide the following information:

[x] Does not apply.

Source

- [ ] Tank
- [ ] Piping
- [ ] Dispenser
- [ ] Submersible Turbine Pump
- [ ] Delivery Problem
- [ ] Other (specify): _____

Cause

- [ ] Spill
- [ ] Overfill
- [ ] Corrosion
- [ ] Physical or Mechanical Damage
- [ ] Installation Problem
- [ ] Other (does not fit any of above)
- [ ] Unknown

Contact information to report non-emergency releases in DNR's five regions are as follows:

Northeast Region (FAX: 920-662-5197); Attention -- R&R Program Associate: DNRRRNER@wisconsin.gov

Brown, Calumet, Door, Fond du Lac **(except City of Waupun - see South Central Region)**, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Sheboygan, Waupaca, Waushara, Winnebago counties

Northern Region (FAX: 715-623-6773); Attention -- R&R Program Associate: DNRRRNOR@wisconsin.gov

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties

South Central Region (FAX: 608-273-5610); Attention -- R&R Program Associate: DNRRRSCR@wisconsin.gov

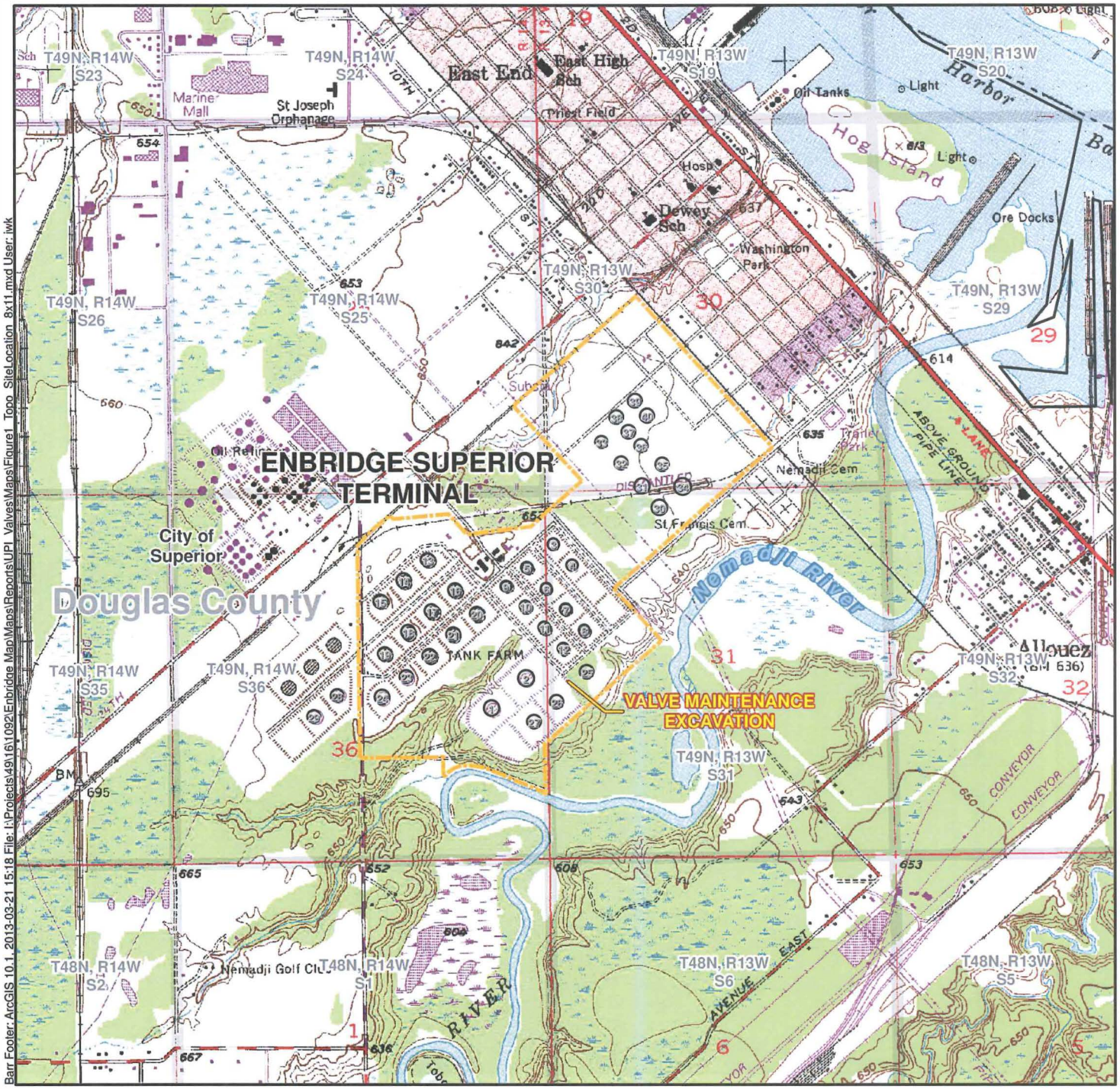
Columbia, Dane, Dodge, Fond du Lac **(City of Waupun only)**, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, Walworth counties

Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate: DNRRRSER@wisconsin.gov

Kenosha, Milwaukee, Ozaukee, Racine, Washington, Waukesha counties

West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov

Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties



Terminal Property Boundary

N

0 2,000 4,000

Feet

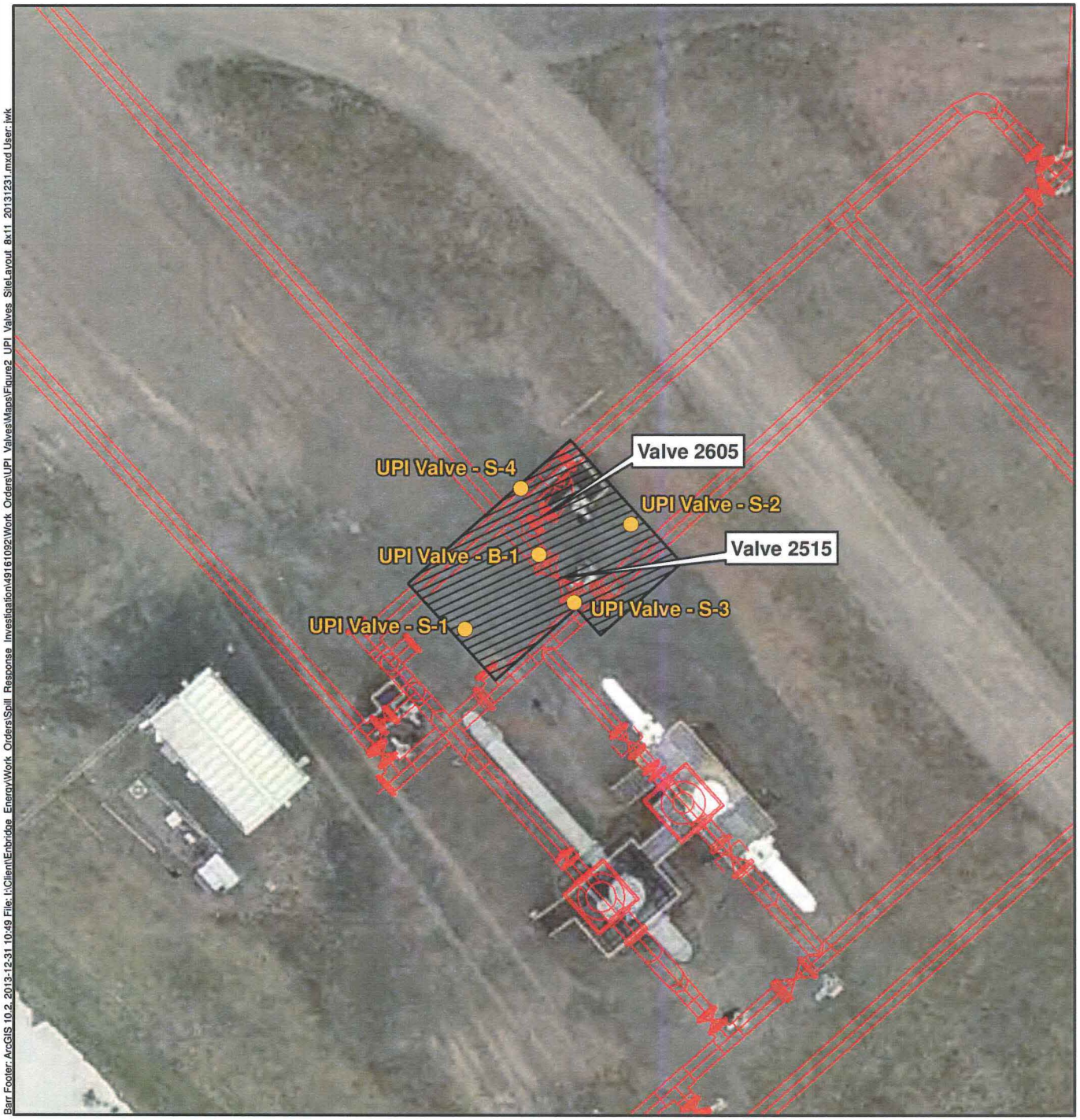
1 Inch = 2,000 Feet

Figure 1

SITE LOCATION MAP
2605 AND 2515 VALVE MAINTENANCE EXCAVATION
SUPERIOR TERMINAL
Enbridge Energy, L.P.
Superior, Wisconsin

ENBRIDGE

Barr Footer: ArcGIS 10.1, 2013-03-21 15:18 File: I:\Projects\49\16\1092\Enbridge Map\Maps\Reports\UPI_Valves\Maps\Figure1_Topo_SiteLocation_8x11.mxd User: iwk



Sample Locations

Excavation Extent

Pipeline Infrastructure

Terminal Property Boundary

N

0 20 40

Feet

1 Inch = 20 Feet

Douglas County Imagery Circa May, 2013

Figure 2

SITE LAYOUT MAP
2515 AND 2605 VALVE EXCAVATIONS
SUPERIOR TERMINAL
Enbridge Energy, L.P.
Superior, Wisconsin

ENBRIDGE

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Table 1
Soil Analytical Data Summary
Valve 2515 and 2605 Maintenance Excavations
Enbridge Energy Terminal - Superior, Wisconsin
Units, mg/kg (unless otherwise noted)

		Parameter	Moisture	Benzene	Ethyl benzene	Toluene	Xylene, total	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	Diesel Range Organics	WDNR RCL Determinations[1]			
											Exceedance Count	Hazard Index	Cumulative Cancer Risk	Pass or Fail
	Date	Exceedance Key												
Groundwater RCL		No Exceed		0.0051	0.785	0.5536	1.97 XYL	1.3793 TR	1.3793 TR					
Industrial Direct Contact RCL	05/01/2012	No Exceed		7.41	37	818	258	219	182		0	1.0	0.00001	Pass
Location	Date	Sample Type												
UPI Valve-B-1	11/14/2012	N	15.1 %	< 0.060	< 0.060	< 0.060	< 0.18	< 0.060	< 0.060	11.2	0	0.0003	9.7E-09	Pass
UPI Valve-S-1	11/14/2012	N	15.8 %	< 0.061	< 0.061	< 0.061	< 0.18	< 0.061	< 0.061	< 9.7	0	0.0003	9.9E-09	Pass
UPI Valve-S-2	11/14/2012	N	16.0 %	< 0.060	< 0.060	< 0.060	< 0.18	< 0.060	< 0.060	< 10.3	0	0.0003	9.7E-09	Pass
UPI Valve-S-3	11/14/2012	N	20.0 %	< 0.065	< 0.065	< 0.065	< 0.20	< 0.065	< 0.065	< 10.3	0	0.0003	1.1E-08	Pass
UPI Valve-S-4	11/14/2012	N	23.4 %	< 0.066	< 0.066	< 0.066	< 0.20	< 0.066	< 0.066	9.9	0	0.0003	1.1E-08	Pass

[1]WDNR RCL Determinations based on guidance criteria described in WDNR document PUB-RR-890. Hazard index is based a cumulative direct contact standard.

XYL - Based on Xylenes (m-, o-, p- combined).

TR - Based on Trimethylbenzenes (1,2,4 - and 1,3,5- combined).