

State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

NORTHWEST DISTRICT HEADQUARTERS
P.O. Box 309
STH 70 West & First Street
Spooner, Wisconsin 54801

TELEPHONE 715-635-2101 TELEFAX 715-635-4105

George E. Meyer, Secretary William H. Smith, District Director

June 14, 1995

Mr. Ronald Beidelman Division Environmental Specialist ENRON Northern Natural Gas Company Suite 209, 7901 Xerxes Avenue South Minneapolis, Minnesota 55431

Re:

Mercury Contamination Related to Meter Stations

NWD ERRP Cases #

55-00141 Ladysmith 51-00142 Park Falls 16-00143 Superior

Dear Mr. Beidelman:

This letter is to advise you that the three referenced sites were presented to the Northwest District Closeout Committee (Committee) for review. Presentation to the Committee was primarily based on your August 1994 submittal, Final Report for Meter Site Remedial Activities in Wisconsin, and your responses to my November 10, 1994 and May 23, 1994 letters

On June 13, 1995, review of the information available on the sites was completed by the Committee for a determination for case close-out as provided in ch. NR 726, Wis. Adm. Code. Based on the documentation submitted it appears as though the sites have been remediated to standards acceptable to the Department of Natural Resources (Department). Therefore, the Department considers the three referenced sites "closed" and no further action is necessary at this time.

You should note that this letter does not constitute Department "verification" under s. 144.765 (2) (a) 3, WI Stats., as created by 1993 Wisconsin Act 453 (May 12, 1994). Persons who meet the definition of "purchaser" in s. 144.765 (1) (c), Wis. Stats., must receive Department pre-approval prior to conducting a site investigation in order to be eligible for the liability exemption under s. 144.765, Wis. Stats. For more information regarding Wisconsin Act 453, call (800) 367-6076 (in state long distance) or (608) 264-6020 local or out-of-state).

Additionally, based on the results of your initial investigation of the Ashland Meter Station, noted in your April 5, 1994 submittal, no further action is necessary at this time for that location. The Ashland location was not placed on tracking as a site.

Should you have any questions regarding the above please contact me at (715) 635-4048.

Sincerely;

Terry Koehn

District ERP Hydrogeologist

B. Evans

cc:

T. Kendzierski/G. LeRoy

NWD/Spooner NWD/Park Falls

S. Ashenbrucker

WD

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UDD: <u>55-0014</u>

SITE NAME: EURON-Lodysmith

ACTIONS SUMMARY

02 = RP Letter Sent 03 = NTC of Non Compliance* 04 = Enf. Conference* 14 = Notice of Violation* 18 = Admin. Order Issued* 19 = Admin. Order Modified	23 = Referral to DOJ* 30 = Notice to Proceed* 31 = Tnk Cls/SA Work Plan	34 = Tnk Cls/SA Rpt Appv'd 35 = SI Work Plan Recv'd 36 = SI Work Plan Appv'd° 37 = SI Report Recv'd°		46 = Form 4 Denied 47 = PECFA Reimbursement 48 = Free Product Recovery' 49 = Alternate Water Supplied'
	32 = Tnk Cls/SA WP Appv'd	38 = SI Report Appv'd	44 = Form 4 Received	
20 = Admin. Order Cancelled	33 = Tnk Cls/SA Rept Recv'd	39 = RA Work Plan Recv'd	45 = Form 4 Approved	
60 = 120 Soil App Rec'd 61 = 120 Soil App Approved 62 = 120 Soil App Denied 63 = 149 Soil App Rec'd 64 = 149 Soil App Approved	68 = WPDES Approved 69 = 70 = 71 = 72 =	76 = 77 = 78 = 79 = 80 =	84 = 85 = 86 = 87 = 88 =	92 = 93 = 94 = 95 = 96 =
65 = 149 Soil App Denied	73 =	81 =	89 =	97 =
66 = Request Status Update	74 =	82 =	90 =	98 =
67 = Request Misc Info	75 =	83 =	91 =	99 =
	3.4			

ACTION UPDATE							
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A ation Code	Date Date	Compliance Due	Compliance	in Tracking			
Action Code	Received/Sent	Date	Achieved				
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55-00141

NWD TRACKING UPDATE FORM **NEW NAME:** LEGAL DESCRIPTION: 1/4 ___ 1/4 SECT. TOWN N RANGE E/W RESPONSIBLE PARTY: Company Name: Contact Person: Address: Phone Number: cc's: _ CONSULTANT: Company Name: Contact Name: Address: Phone Number: SUBSTANCES: IMPACTS: # Tank(s) Size ___(1) Fire/Explosion Threat __(1) Leaded Gas ___(2) Contaminated Private Well(s) #_____ ___(2) Unleaded Gas ___(3) Contaminated Public Well ___(3) Diesel ___(4) Fuel Oil ___(4) Groundwater Contamination _(5) Soil Contamination ___(5) Unkwn Hydrocrbn___ ___(8) Other: _ ___(6) Other: ___ ____(7) Surface Water ___(12) Waste Oil ___(9) Floating Product CASE STATUS: Stop Date Start Date (E) Emergency Response (R) LTF Emergency (L) Long Term Monitoring CLOSURE DATE: 06/13/95 SCORE: FUNDING SOURCE: PRIORITY:

I.D. #	
District: NWD County: RUSK Site Name: ENCON LAOY SMITH METER STATION	Case No.: PMN: FID: Proj. Mgr: Teccu Koehn
Address:	Support Person:
Legal Municipality: Flam Deau	Legal Desc: 50 1/4 5E 1/4 Sec 32, T 350 R 6 EM
TVC	Lat: N Long: W
Date of Discovery: 4 / 5 / 94	Date of RP Contact: 4,5,94
PRIORITY SCREENING: FUNDING SOURCE:	ENFORCEMENT AUTHORITY:
1 = High X 3 = Low 2 = LTF 4 = Unknown 3 = EF 4 = SF PRE-SCORE 5 = None 6 = Other (Describe In Common Towns of the Common Tow	1 = Spill Law s. 144.76, Wis. Stats. 2 = Envir Repair Law s. 144.442, Wis. Stats. 3 = Hazardous Waste Rules NR 600 Series 4 = Solid Waste Rules NR 500 Series 5 = CERCLA 6 = Abandoned Container s. 144.77, Wis. Stat. 7 = Other (Describe in Comments) (IT) Vaste Water Supply Water Resources Mgt Env. Repair
Contact Person: Ronald Beidelman, Div. Eur. Spec.	Contact Person:
KNOV	VN IMPACTS (X) POTENTIAL IMPACTS (X)
No Threat	
Contaminated Private Well (2) Contaminated Public Well (3) Contaminated Public Well (4) Contamination (5) Direct-Contact — — (1-0) —	
Contaminated Surface Water (7) Contaminated Air(8)(8) Other(6)	
CONSULTANT-INFORMATION:	
Company: ENSR Consulting and Ergineering Contact Person: Chris White Address: 4500 Park Gloen Rd Suite 210 St Louis Park mn 554110 Thoma: 1012 1 924-0117	Company: Contact Person: Address:
(Lies additional on account above the mark)	Triumo.

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EPA HAZARDOUS SUBSTANCES
(Please indicate if quantities are product or contaminated soil in pounds, gallons or cupic yards.)

TYPE DISCHARGED (Enter Code)	RECOVERED TO	REATED STORED	DISPOSED	DISPOSAL I CITY	LOCATION STATE
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		ERP CASE	STATUS		
x as appropriate)		LITE OAGE	317103		
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NO ACTION TAKEN	r , , ,				
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WORK PLAN APP					
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REM ACTION I	/	_			
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LONG TERM MONT	/	/			
ENFORCEMENT	/	/			
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II observe If observe Route Cha Depth to Infiltrati Permeal	d release is given a score of 45, proceed to line d release is given a score of 0, proceed to line					
If observe Route Cha Depth to Infiltrati Permeal	d release is given a score of 0, proceed to line					-2115-1
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. Infiltrati Permeal			<u>-</u>	10	,	sub. (
Permeal	Groundwater	0 1 20	2	Q	0	
	oility of the Unsaturated Zone	00023	1		3	•
Lithzica		0 1 2 8	i	· 3-	٠,٦	
		Total Route Characteristics Sco	re	1/1	15	
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	aracteristics		and a great	10		sub. (
	/Persistence	0 3 6 9 12 15 (B) 2 4 6 8 10	1	10	18 10	**
Leachau Wasta C	e Strength 1, Quantity/Hazardous Waste Quantity	0(1) 2 3 4 5 6 7 8	· •	1 "	8	
Waste C	channey/maxacous waste Quantity	Total Waste Characteristics Sco	re	(14)	26	
Potential	Impacts			a		sub. (
Ground	water Use	0 1 2 3	3	7	9	
	e to Nearest	0 4 6 8 10			40	
Served	ppulation	12 16 18 20 24 30/32)35 38 40	1	32	40	
201401		Total Potential Impacts		7417	4)	
If line (1)) is 45, multiply (1) X (4) X (5)					
If line (1)) is 0, multiply (2) X (3) X (4) X (5)			5707	57,330	
	ne (6) by 57,330 and multiply by 100	URFACE WATER ROUTE WORKSHE	CTP.	Sgw =	44.84	<i>'</i>
•		JAPACE WATER ROOTE WORKSHE	:1:1			Ke
lating Factor		Assigned Value (circle one)	Multiplier	Score	Max. Score	Secui
) Observed	Release	(0) 45	1		45	sub.
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	ed release is given a score of 0, proceed to line aracteristics	(2):				- cub
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	f Potential	0 0 2 3	ī	Ĺ	3	
	e to Nearest Surface Water	0 1 2 3	2	q	6	
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Containn	0.000	Total Route Characteristics Sco	ore 1	(3)	15 3	sub.
	naracteristics					sub.
	y/Persistence	0 3 6 9 12 15 (18)	1	18	18	
Leacha	ue Strength	0246810	1	0	10	
Hazard	ous Waste Quantity/Total Waste Quantity	Total Waste Characteristics Sco	<u> </u>	119)	8 26	
) Potential	Impacts		ие	<u> </u>		sub.
	: Water Use	Ø 1 2 3	3	6	9	500.
Distanc	ce to a Sensitive Environment	0 1 2(3)	2	0	6.	
	tion Served/	0 4 6 8 10	1	. 0	40	
	ince to Water	12 16 18 20				
Intake	Downstream	24 30 32 35 40 Total Potential Impacts			35	
	·	Total Folential Impacts		(6)	<u> </u>	
) If line (1) is 45, multiply (1) X (4) X (5)			3078	64,350	
Divide l) is 0, multiply (2) X (3) X (4) X (5) ine (6) by 64,350 and multiply by 100			Ssw =		
) Divide li I.		AIR ROUTE WORKSHEET		-3" =	4.78	
				: _		Re
ating Factor	16.1	Assigned Value (circle one)	Multiplier	Score	Max. Score	
) Observed Date and	Location:					sub
	g Procedures:					
If line (1) is 0, then $S_a = 0$, Enter on line (5).				-	*****
If line (1) is 45, then proceed to line (2).	· · · · · · · · · · · · · · · · · · ·		·		
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Reactiv Toxicii	vity and Incompanibility	0 1 2 3 0 1 2 3			3 9	•
	y lous Waste Quantilty/Total Waste Quantity	0123	ر 1		8	
	. · · · · · · · · · · · · · · · · · · ·	Total Route Characteristics Sci	ore		2ນໍ	
) Potential	Impacis					sub
Pópula	tion Within 4-Mile Radius	0 9 12 15 18 21 24 27 3	0 1		30	
	ce to Sensitive Environment	0 1 2 3	2		6	
Land U		O 1 2 3	1		3	
A Mateinte	(1) Y (2) Y (2)	Total Potential Impact Score			35,100	
<u>) Multiply</u>) Divide li	(1) Y (2) Y (3) the (4) by 35,100 and multiply by 100	2007.04 22.85	~ _	S = 0	<u> </u>	
		(44,8 + 4.78 + b)	0.5	- 0	•	
c	$\frac{1}{1} (S_{gw}^2 + S_{sw}^2 + S_a^2)^{0.5}$	144,8 + 4.78 + O)				
2 M ==	1.73 gw 1 5 sw 1 5 a 7		7	26	1	
2W =	. <i>E.E.</i>			, , , ,	~ '	

1.D. # 141	
District: NWD County: Rusk (55) Site Name: ENRON Ledysmith Meter Station Address: Legal Municipality: Flambeau TV C	Case No.: PMN: FID: Proj. Mgr: Terry Kehn Support Person: Legal Desc: 5W1/4 5E 1/4 Sec 3Z, T35N, R 6 EM Lat: N
Date of Discovery: <u>04 / 05 / 94</u>	09/03/47
PRIORITY SCREENING: FUNDING SOURCE: 1 = High	ENFORCEMENT AUTHORITY: X 1 = Spill Law s. 144.76, Wis. Stats. 2 = Envir Repair Law s. 144.442, Wis. Stats. 3 = Hazardous Waste Rules NR 600 Series 4 = Solid Waste Rules NR 500 Series 5 = CERCLA 6 = Abandoned Container s. 144.77, Wis. Stat. 7 = Other (Describe in Comments)
PROGRAMS INVOLVED: (L - LEAD S - SUPPOR NR 500 Solid W Spills NR 600 Hazardous Waste Superfund	•
RESPONSIBLE PARTY:	
Business Name: EUROV-Vertham Vatural Gas Compa Owner/Mgr.: Address: 7901 Xerxes Ave South, Saite 2-09 Minnea polis MV 55431 Phone: 612 887~17/2 Contact Person: Royald Beidelman, Div. Env. Spec.	Owner/Mgr.:
KNOV	VN IMPACTS (X) POTENTIAL IMPACTS (X)
No Threat Fire/Explosion threat (1) Contaminated Private Well (2) Contaminated Public Well (3) Froundwater Contamination (4) Soil Contamination (5) Direct Contact (1-0) Contaminated Surface Water (7) Contaminated Air (8) Other (6)	
CONSULTANT_INFORMATION:	
Company: EMSR Conculting and Engineering Contact Person: Chuis White Address: 4500 Park 610cm RA, Saile 210 St. Lauis Park, MN 55416 Thome: 612 / 924-0117 (List additional on separate sheet & attach.)	Company: Contact Person: Address: Phone: /

EPA HAZARDOUS SUBSTÂNCES (Please indicate if quantities are product or contaminated soil in pounds, gallons or cubic yards.)

TYPE DISCHARGED	RECOVERED TRE	ATED STORED	DISPOSED		LOCATION
(Enter Code)	• • •			CITY	STATE
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FIELD INVEST I	/	09 / 93	Site In	vestigation	·
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ENVIRONMENTAL REPAIR PROGRAM-PRIORITY RANKING WORKSHEET

	GROU	JNDWATER ROUTE WORKSHEE	<u>r</u>			
atin	g Factor	Assigned Value (circle one)	Multiplier	Score	Max. Score	Ref. Section
)	Observed Release If observed release is given a score of 45, proceed to line (4).	(0) 45	_1	o	45	sub. (
	If observed release is given a score of 0, proceed to line (2).					
	Route Characteristics					sub. (
	Depth to Groundwater	0.1 2(3)	2	6	6	
٠	Infiltration Potential Permeability of the Unsaturated Zone	07023	1		3	
	Physical State	0 Y 2 3	i	<u> </u>	3	
		Total Route Characteristics Score		11	15	
	Containment Waste Characteristics	0 1 2(3)	1		3	sub. (
4)	Toxicity/Persistence	0 3 6 9 12 15 18	1	18	18	sub. (
	Leachate Strength	① 2 4 6 8 10	1	Ď	10	
	Waste Quantity/Hazardous Waste Quantity	0(1)2 3 4 5 6 7 8 Total Waste Characteristics Score	_1	19	<u>8</u> 26	
)	Potential Impacts	Total waste Characteristics Score				sub. (:
,	Groundwater Use	0 1 23	3	9	9	200. (.
	Distance to Nearest	0 4 6 8 10	_			
	Well/Population Served	12 16 18 20 24 30 (32) 35 38 40	1	32	40	
	Sava	Total Potential Impacts		41	49	
	If line (1) is 45, multiply (1) X (4) X (5)		-			
	If line (1) is 0, multiply (2) X (3) X (4) X (5) Divide line (6) by 57,330 and multiply by 100			25707	57,330	- ;
) [.	SURFA	CE WATER ROUTE WORKSHEET	r	Sgw =	44.8	
١						Ref.
	ng Factor	Assigned Value (circle one)	Multiplier	Score	Max. Score	Sectio
	Observed Release If observed release is given a score of 45, proceed to line (4).	(0)45	<u> </u>		45	sub. (
	If observed release is given a score of 0, proceed to line (2).	•		<u> </u>		
2)	Route Characteristics					sub. (
	Facility Slope and Intervening Terrain Run-off Potential	0 0 2 3	1		3 3	
	Distance to Nearest Surface Water	0 123	2	4	6	
	Physical State	0 1 2 (3)	1	3	3	*1.
		Total Route Characteristics Score		<u>.</u> 9	15	
3) 4)	Containment Water Characteristics	0 1 2 (3)	<u> </u>	3	3	sub. (
+)	Toxicity/Persistence	<u>0</u> 3 6 9 12 15 (18)	1	18	18	sub. (
	Leachate Strength	(0) 2 4 6 8 10	1	O	10	
	Hazardous Waste Quantity/Total Waste Quantity	• 0(1)2 3 4 5 6 7 8 Total Waste Characteristics Score	_1	19	<u>8</u> 26	
5)	Potential Impacts	Total waste Characteristics Score				sub. (
7.	Surface Water Use	1 2 <u>3</u>	3.	0	9	540. (
	Distance to a Sensitive Environment	0 1 2 3 0 4 6 8 10	2	6	6	
	Population Served/ Distance to Water	12 16 18 20	1	0	40	
	Intake Downstream	24 30 32 35 40		71 F T	1.0	
		Total Potential Impacts		4	55	
9	If line (1) is 45, multiply (1) X (4) X (5)					·····
	If line (1) is 0, multiply (2) X (3) X (4) X (5)			3078 Ssw =	64,350	
7) I.	Divide line (6) by 64,350 and multiply by 100	AIR ROUTE WORKSHEET		osw =	4,78	
		THE ROOTE WORKSHEET				Ref.
	g Factor	Assigned Value (circle one)	Multiplier	Score	Max. Score	Section
)	Observed Release Date and Location:	(0) 45	1		45	sub. (
	Sampling Procedures:	<u> </u>				
	If line (1) is 0, then $S_a = 0$, Enter on line (5).					
	If line (1) is 45, then proceed to line (2).					
2)	Waste Characteristics Reactivity and Incompatibility	0 1 2 3	1		•	sub. (
	Toxicity and incompanionly	0 1 2 3	3		: :3 9	
	Hazardous Waste Quantilty/Total Waste Quantity	012345678	1		8	
	Potential Impacts	Total Route Characteristics Score			20	
)	Potential Impacts Population Within 4-Mile Radius	0 9 12 15 18 21 24 27 30	1		30	sub. (
	Distance to Sensitive Environment	0 9 12 13 18 21 24 27 30	2		50 6	
	Land Use	_ 0 1 2 3	_ī		3.	
 	V It's to V (a) V (a)	Total Potential Impact Score			39	
<u>) </u>	Multiply (1) X (2) X (3) Divide line (4) by 35,100 and multiply by 100			Sa =	35,100	
')	Division this (4) by 33,100 and multiply by 100	8+478+010,5		. 5 - 6	9	
	$S_{M} = 1 \left(S_{ow}^{2} + S_{sw}^{2} + S_{s}^{2} \right)^{0.5} \left(\frac{4^{14}}{3} \right)^{0.5}$			•	•	
	Divide line (4) by 35,100 and multiply by 100 $S_{M} = \frac{1}{1.73} (S_{gw}^{2} + S_{sw}^{2} + S_{a}^{2})^{0.5} $	1,73			42	
	where: S_{gw} = groundwater route score	.,	SCORE	26	. 04	