purtment of Natural Resources

D. 8 201

closed 02-64-000 206

ENVIRONMENTAL REPAIR PROGRAM CASE TRACKING FORM FOR VER. 5 24

Re scored due to surface water contamination

Case No.: 8908206 County: Vilas Co. istrict: M. Christiansen FIO: 14 Mile NG OF HWY 17 E Proj. Mar: Support Person: ddress: PAPLOS Legal Desc: <u>SE</u>1/4 <u>SW</u> 1/4 Sec <u>35</u>, T <u>42 M</u> R //(E/W egal Municipality: Long: W_ Date of RP Contact: ate of Discovery: 08129189 RIORITY SCREENING: FUNDING SOURCE: ENFORCEMENT AUTHORITY: X 1 = Spill Law s. 144.76, Wis. Stats. X1 ⋅ RP 入1 = High 2 = Envir Repair Law s. 144.442, Wis. Sus. 3 = Low 2 = LTF 3 = Hazardous Waste Rules NR 600 Series = Unknown 4 . Solid Waste Rules NR 500 Series 5 . CERCLA RE-SCORE 6 = Abandoned Container s. 144.77, Wis. Stat. 6 = Other (Describe In Comments) 7 = Other (Describe in Comments) 22. 4i 7 - EPA Emergency Resp. S - SUPPORT) ROGRAMS INVOLVED: (L - LEAD Aban Containers NR 500 Solid Waste Water Supply Water Resources Mot Spills Lust NR 600 Hazardous Waste Superfund Env. Repair ESPONSIBLE PARTY: C.M. Christiansen Business Name: usiness Name: Owner/Mgr.: wner/Mgr.: Address: ddress: Phone: ontact Person: Contact Person: KNOWN IMPACTS (X) POTENTIAL IMPACTS (X) Threat (1) e/Explosion threat ntaminated Private Well (2) entaminated Public Well oundwater Contamination (4) il Contamination (5) (10)rect Contact Intaminated Surface Water (7) intaminated Air · - · -- (8) DUSULTANT INFORMATION: mpany: Company: intact Person: Contact Person: dress: Address: ione: 906 1 822 - 7889. Phone: nt additional on separate sheet & attach.)

			DISPOSED	DISPOSAI	
x as appropriate)	DATE INITATED (MM YY)	DATE COMPLETED (MM YY)	STATUS	COMMENT	
NO ACTION TAKEN EMERGENCY WORK PLAN APP FIELD INVEST I II REM DESIGN REM ACTION I O & M I REM ACTION II O & M II LONG TERM MONT ENFORCEMENT	8189 9189 				
CONSULTANT	CON	LEAD CONSULTA TRACTAPURCHASE STATE OF THE PROPERTY OF THE PR	CONTRACT AMOUNT	AMOUNT PAID TO DATE S S S S S S S S S S S S S S S S S S	LAST INVOICE APPROVED DATE
		SSS		\$ \$	

A STATE OF THE STATE OF THE STATE OF

`	· To be used with NF	R 550, Wis. Adm. Code, table and	instructions.	Nohee 1		
Ī.		UNDWATER ROUTE WORKSHE				Ref.
	ing Factor Observed Release	Assigned Value (circle one)	Multiplier	Score	Max. Score	Section
(1)	If observed release is given a score of 45, proceed to line (4).					sub.(1)
	If observed release is given a score of 0, proceed to line (2).					
(2)	Route Characteristics	0126		1-		sub. (2)
	Depth to Groundwater Infiltration Potential	0 1 2(3) 0 1 2(3)	1	এলকত	0	
	Permeability of the Unsaturated Zone	0 i 2 3	i	ゑ	3	
	Physical State	0 1 2(3)	11		3	
-		Total Route Characteristics Scor	ė	(14)	15	
(3) (4)	Containment Waste Characteristics	0 1 2 3		(3) 3	sub. (3)
(4)	Toxicity/Persistence	0 3 6 9 12 15 18	1 .	12	18	sub. (4)
	Leachate Strength	0 2 4 6 8 10	. 1	_	10	
	Waste Quantity/Hazardous Waste Quantity	0 1(2)3 4 5 6 7 8	1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8	
~	Determinal formands	Total Waste Characteristics Scor	e	(14)	26	1 (2)
(5)	Potential Impacts Groundwater Use	0 1 (2)3	3	2	9	sub. (5)
	Distance to Nearest	0 4 6 8 10	•	<u>~</u>	•	
	Well/Population	12 16 18 20 24	1	2.0	40	
	Served	(30'32 35 38 40 Total Potential Impacts		30		
(6)	If line (1) is 45, multiply (1) X (4) X (5)	Total Potential Impacts		39) 49	
(4)	If line (1) is 0, multiply (2) X (3) X (4) X (5)			1168-	57,330	
<u>0</u>	Divide line (6) by 57,330 and multiply by 100	OF WATER BOLLET WORKER			6.92	
<u>П.</u>	SURFA	CE WATER ROUTE WORKSHE	<u> </u>		6-12	Ref.
Ra	ting Factor	Assigned Value (circle one)	Multipli	er Sco	reMax. Score	Section
(1)	Observed Release	0 (45)	1	(45) 45	sub. (1)
	If observed release is given a score of 45, proceed to line (4).					
(2)	If observed release is given a score of 0, proceed to line (2). Route Characteristics		<u> </u>			
(-)	Facility Slope and Intervening Terrain	0 1 2 3	1		3	sub. (2)
	Run-off Potential	0 1 2 3	1		3	
	Distance to Nearest Surface Water	0 1 2 3 0 1 2 3	2		. 6	
	Physical State	0 1 2 3 Total Route Characteristics Scor	<u> </u>		<u>3</u> 15	
(3)	Containment	0 1 2 3	1		3	sub. (3)
(4)	Waste Characteristics					sub. (4)
	Toxicity/Persistence	0 3 6 9 12 15 18 0 2 4 6 8 10	1 .	12	18	
	Leachate Strength Hazardous Waste Quantity/Total Waste Quantity	0 1 2 3 4 5 6 7 8	1	2	10 8	
	• • • • • • • • • • • • • • • • • • • •	Total Waste Characteristics Score		(14)	26	
(5)	Potential Impacts	0.60				sub. (ວ໌)
	Surface Water Use Distance to a Sensitive Environment	0 1 <u>(2</u>)3 0 1 2 <u>(3</u>)	3	6	9 6	
	Population Served/	0 4 6 8 10	ĺ	6	40	
	Distance to Water	12 16 18 20	•			
	Intake Downstream	24 30 32 35 40	<u> </u>			
(6)	If lies (1) is 45 combining (1) V (1) V (2)	Total Potential Impacts		(12)	55	
(0)	If line (1) is 45, multiply (1) X (4) X (5) If line (1) is 0, multiply (2) X (3) X (4) X (5)			7560	64 350	
留	Divide line (6) by 64,350 and multiply by 100			Ssw =	04,330	
Ш.		AIR ROUTE WORKSHEET			1.75	
Rati	ng Factor	Assigned Value (circle one)	Multiplier	Score	Max. Score	Ref.
क	Observed Release	0 45	l	Sare	45	Section - sub. (1)
	Date and Location: Sampling Procedures:					
	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					sub. (2)
	Reactivity and Incompatibility Toxicity	0 1 2 3	1		3	• •
	Hazardous Waste Quantilty/Total Waste Quantity	0 1 2 3 0 1 2 3 4 5 6 7 8	3		9	
		Total Route Characteristics Score			20	
(3)	Potential Impacts					sub. (3)
	Population Within 4-Mile Radius Distance to Sensitive Environment	0 9 12 15 18 21 24 27 30	1		30	. (-)
	Land Use	0 1 2 3 0 1 2 3	2 1		0 3	
		Total Potential Impact Score	-		39	
(4)	Multiply (1) X (2) X (3) Divide line (4) by 25 100 and multiply by 100			A W =	35,100	
(2)	Divide line (4) by 35,100 and multiply by 100			S* = 0		
	$S_M = 1 (S_{gw}^2 + S_{sw}^2 + S_a^2)^{0.5}$					
	1.73	SCORE _ 22	. 40			
	where: Sgw = groundwater route score					
	S sw = surface water route score S a = air route score			Departme	ent of Natural F	Resource
	Sa — an route score			Form 44	00-	

ERP MIGRATION SCORE

Site or Facility Name: C.M. Christiansen #2 (barrels)

Location: 1/4 Mile NE of Hwy 17 on Hwy E, Phelps, WI 54554

DNR District: NCD

Person(s) in charge of the site or facility: P.C. Christiansen, P.O. Box 100,

Phelps, WI 54554 (715) 545-2333

Name of Reviewer: Joan Loduha Date: March 1, 1993

General description of the site or facility:

(For example: landfill, surface impoundment, waste pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

Re-scored 3/1/93 due to information of surface water contamination.

On Aug. 29, 1989 an anonymous caller complains of drums spillage. DNR employees inspect on Aug. 31, 1989. 33 unlabeled drums were found. Some drums containing liquid were observed as damaged, rusted and leaking. Letter sent to Christiansen to secure area, sample and repack drums and store in a safe location until disposal. Also requests additional site study and if necessary, remediation. On Sept. 19, 1989 DNR sampled. On Oct. 11, 1989 DNR request Christiansen to hire consultant and study site. White Water Assoc. tests all barrels; found two compounds, these two being stain and varnish. Tested for total VOCs, PCBs and EP tox metals. Detects of: Methylene chloride, Ethylbenzene, Toluene, m-xylene, O & P xylene and lead.

Site is approximately 120 feet from stream and wetland area.

Phelps population = 1200.

Per water resources of Upper WI River Basin: Thin lenses of sand and gravel within are beneath till or clay. Area is mostly rolling ground moraine but includes one area of hilly terrain.

SCORES: Sm = 22.40 (Sgw = 36.92 Ssw = 11.75 Sa = 0)

EF COVER SHEET

WORKSHEET FOR COMPUTING THE MIGRATION SCORE, Sm

	S	<u>S²</u>
GROUNDWATER ROUTE SCORE (Sgw)		
·	36.92	1363.09
SURFACE WATER ROUTE SCORE (Sgw)		
	11.75	138.96
AIR ROUTE SCORE (Sa)		
	0	
Sgw ² + Ssw ² + Sa ²		
		1501,15
$(\operatorname{Sgw}^2 + \operatorname{Ssw}^2 + \operatorname{Sa}^2)^{0.5}$		
	38.74467705	5
$(Sgw^2 + Ssw^2 + Sa^2)^{0.5} / 1.73$	Sm =	22.40

WISCONSIN ENVIRONMENTAL FUNDING REFERENCE SUMMARY

Site or Facility Name:	C.M.	Christian	sen #2			
Location: City Phelps		_ County	Vilas	DNR	District_	NCD
Reference						
Identification Number		Desc	ription of l	Reference		
Number						
<u>#1</u>	ا	WDNE	Rhinelande:	r & Wausau	Files	
<u>#2</u>		Quad	l TOPO Map Pl	helps		
JL D		Dome	.1	of Dogwolf	na Cuanta	7 /00
<u>#3</u>		ropu	<u>lation list</u>	OI Recyclin	ng Grants	7/90
#4		Stat	e Natural A	reas by Cou	nty	
<u>#5</u>		<u>Cha</u> j	oter NR 26 F	ish Refuges		
#6		Wate	er Resources	of WI Upper	r WT River	r Rasin
<i>#</i> 7		Stat	e Lab of Hy	giene (Surf	ace Water	Info)
						-

State Laboratory of Hygiene University of Wisconsin Center for Health Sciences 465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB ID 113133790 Organic chemistry (#1 of 4 on 01/27/93, unseen)

Id: 643404 Point/Well/..: Field #: G-3-92 Route: WR70

Collection Date: 09/28/92 Time: 11:05 County: 64 (Vilas)

From: MILITARY CREEK, DOWNSTREAM OF HWY E BELOW POLE YD., DRYING AREA

Description: EAST SIDE OF STREAM - IMPACT SAMPLE

To: LINDA TALBOT

WR/2 Source: Sediment

MADISON, WI

Account number: WR166 Collected by: JIM KREITLOW

Date Received: 11/18/92 Labslip #: 0D001743 Reported: 01/26/93

⁻⁻⁻ Footnotes ---

^{+:} Positive results are prefixed by a plus sign.

State Laboratory of Hygiene University of Wisconsin Center for Health Sciences 465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB ID 113133790 Organic chemistry (#2 of 4 on 01/27/93, unseen)

Id: 643405 Point/Well/..: Field #: G-2-92 Route: WR70

Collection Date: 09/28/92 Time: 10:20 County: 64 (Vilas)

From: MILITARY CR, DOWNSTREAM OF FOOTBRIDGE BELOW POLE YD DRYING AREA

Description: NORTHSIDE OF CREEK ABOVE HWY E - IMPACT SAMPLE

To: LINDA TALBOT

WR/2 Source: Sediment

MADISON, WI

Account number: WR166 Collected by: JIM KREITLOW
Date Received: 11/18/92 Labslip #: OD001744 Reported: 01/26/93

test: CHLOROPHENOLS IN SOILS - 1540				
2,4,6-TRICHLOROPHENOL		<0.10	UG/G,	DRY
2,4,5-TRICHLOROPHENOL		<0.10	UG/G,	DRY
PENTACHLOROPHENOL (PCP)	+	0.05	UG/G,	DRY
PHENOLS EXTRACTION/DERIVATIZATION		C		
TOTAL ORGANIC CARBON IN SEDIMENT BY SLURRY METHOD	+	11400.	UG/G,	DRY

TOTAL ORGANIC CARBON IN SEDIMENT BY SLURRY - PREP C

⁻⁻⁻ Footnotes ---

^{+:} Positive results are prefixed by a plus sign.

State Laboratory of Hygiene University of Wisconsin Center for Health Sciences 465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB ID 113133790 Organic chemistry (#3 of 4 on 01/27/93, unseen)

Id: 643406 Point/Well/..: Field #: G-1-92 Route: WR70

Collection Date: 09/28/92 Time: 10:00 County: 64 (Vilas)

From: MILITARY CR, UP GRADIENT OF POLE YD. DRYING AREA

Description: NATURAL BACKGROUND SAMPLE - SOUTHSIDE OF STREAM

To: LINDA TALBOT

WR/2 Source: Sediment

MADISON, WI

Account number: WR166 Collected by: JIM KREITLOW

Date Received: 11/18/92 Labslip #: OD001745 Reported: 01/26/93

--- test: CHLOROPHENOLS IN SOILS - 1540 2,4,6-TRICHLOROPHENOL <0.10 UG/G, DRY 2,4,5-TRICHLOROPHENOL UG/G, DRY <0.10 PENTACHLOROPHENOL (PCP) <0.02 UG/G, DRY PHENOLS EXTRACTION/DERIVATIZATION C TOTAL ORGANIC CARBON IN SEDIMENT BY SLURRY METHOD + 224000. UG/G, DRY TOTAL ORGANIC CARBON IN SEDIMENT BY SLURRY - PREP

⁻⁻⁻ Footnotes ---

^{+:} Positive results are prefixed by a plus sign.

State Laboratory of Hygiene
University of Wisconsin Center for Health Sciences
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director S.L. Inhorn, M.D., Medical Director

Environmental Science Section (608) 262-2797 DNR LAB ID 113133790 Organic chemistry (#4 of 4 on 01/27/93, unseen)

Id: 643403 Point/Well/..: Field #: G-4-92 Route: WR70

Collection Date: 09/28/92 Time: 11:40 County: 64 (Vilas)

From: MILITARY CREEK, 100 FEET ABOVE CONFLUENCE WITH N. TWIN LAKE - BELOW

Description: WATERBODY 1623900

To: LINDA TALBOT

WR/2 Source: Sediment

MADISON, WI

Account number: WR166 Collected by: JIM KREITLOW

Date Received: 11/18/92 Labslip #: 0D001746 Reported: 01/26/93

⁻⁻⁻ Footnotes ---

^{+:} Positive results are prefixed by a plus sign.

ERP MIGRATION SCORE

Site or Facility Name: C.M. Christiansen #2 (barrels)

Location: 1/4 Mile NE of Hwy 17 on Hwy E, Phelps, WI 54554

DNR District: NCD

Person(s) in charge of the site or facility: P.C. Christiansen, P.O. Box 100,

Phelps, WI 54554 (715) 545-2333

Name of Reviewer: Joan Loduha Date: January 8, 1992

General description of the site or facility:

(For example: landfill, surface impoundment, waste pile, container; types of hazardous substances; location of the facility; contamination route of major concern; types of information needed for rating; agency action, etc.)

On Aug. 29, 1989 an anonymous caller complains of drums spillage. DNR employees inspect on Aug. 31, 1989. 33 unlabeled drums were found. Some drums containing liquid were observed as damaged, rusted and leaking. Letter sent to Christiansen to secure area, sample and repack drums and store in a safe location until disposal. Also requests additional site study and if necessary, remediation. On Sept. 19, 1989 DNR sampled. On Oct. 11, 1989 DNR request Christiansen to hire consultant and study site. White Water Assoc. tests all barrels; found two compounds, these two being stain and varnish. Tested for total VOCs, PCBs and EP tox metals. Detects of: Methylene chloride, Ethylbenzene, Toluene, m-xylene, O & P xylene and lead.

Site is approximately 120 feet from stream and wetland area.

Phelps population = 1200.

Per water resources of Upper WI River Basin: Thin lenses of sand and gravel within are beneath till or clay. Area is mostly rolling ground moraine but includes one area of hilly terrain.

SCORES: Sm = 21.91 (Sgw = 36.92 Ssw = 8.62 Sa = 0)

EF COVER SHEET

WORKSHEET FOR COMPUTING THE MIGRATION SCORE, Sm

	<u>S</u>	S ²
GROUNDWATER ROUTE SCORE (Sgw)		
· · · · · · · · · · · · · · · · · · ·	36.92	1363.09
SURFACE WATER ROUTE SCORE (Sgw)		
	8.62	74.30
AIR ROUTE SCORE (Sa)		
	0	
Sgw ² + Ssw ² + Sa ²		
		1437.39
$(Sgw^2 + Ssw^2 + Sa^2)^{0.5}$		
	37.91292656	
$(Sgw^2 + Ssw^2 + Sa^2)^{0.5} / 1.73$	Sm = 2	21.91

WISCONSIN ENVIRONMENTAL FUNDING REFERENCE SUMMARY

Site or Facility Name:	C.M. Christiansen #2
Location: City Phelps	County Vilas DNR District NCD
Reference Identification Number	Description of Reference
#1	WDNR Rhinelander & Wausau Files
<u>#</u> 2	Quad TOPO Map Phelps
#3	Population list of Recycling Grants 7/90
<u>#</u> 4	State Natural Areas by County
<u>#</u> 5	Chapter NR 26 Fish Refuges
#6	Water Resources of WI Upper WI River Basin

ENVIRONMENTAL REPAIR PROGRAM CASE TRACKING FORM FOR VER. Form 4400-150

1.8. #_206	1/8/92
District: NCD County: Vilas Co Site Name: C.M. Christiansen #2 i/4 mile NE of HWY 17 on HWY E Address: Are/ps WI 54554 Legal Municipality: (T) V C	Case No.: PMN: FID: Proj. Mgr:
Date of Discovery: 8 / 29 / 89 PRIORITY SCREENING: FUNDING SOURCE:	Date of RP Contact: 9 / 1 / 89 ENFORCEMENT AUTHORITY:
X 1 = High	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
PROGRAMS INVOLVED: (L - LEAD S - SUPPOR NR 500 Solid W Spills NR 600 Hazardous Waste Superfund	
RESPONSIBLE PARTY: Business Name: C.M. Christian sen Owner/Mgr.: A.C. Christian sen Address: Po Box 100 Phelps WI 54554 Phone: 715 545-2333 Contact Person:	Business Name: Owner/Mgr.: Address: Phone: / Contact Person:
KNOW	N IMPACTS (X) POTENTIAL IMPACTS (X)
No Threat Fire/Explosion threat (1) Contaminated Private Well (2) Contaminated Public Well (3) Groundwater Contamination (4) Soil Contamination (5) Direct Contact (10) Contaminated Surface Water (7) Contaminated -Air (8) Other (6)	
CONSULTANT INFORMATION:	
Company: White Water Assoc. Contact Person: Address: Po Box 27 Amasa, MI 49903 Phone: 906 1 822-7889 (List additional on separate sheet & attach.)	Company: Contact Person: Address: Phone: /

EPA HAZARDOUS SUBSTANCES (Please indicate if quantities are product or contaminated soil in pounds, gallons or cubic yards.) . DISPOSED **STORED** TYPE DISCHARGED RECOVERED TREATED **DISPOSAL ECCATION** CITY STATE (Enter Code) 78113. ERP CASE STATUS (x as appropriate) DATE DATE **COMMENTS** COMPLETED INITATED (MM YY) (MM) YY) NO ACTION TAKEN - EMERGENCY WORK PLAN APP FIELD INVEST I I Ш **REM DESIGN** REM ACTION I O&MI REM ACTION II O&MII. LONG TERM MONT **ENFORCEMENT** EF STATE LEAD CONSULTANT COST (OPTIONAL) CONTRACT/PURCHASE CONTRACT ORDER NUMBER AMOUNT AMOUNT PAID TO DATE LAST INVOICE CONSULTANT APPROVED DATE

	ENVIKUNMENTAL K	EPAIR PROGRAM-PRIO with NR 550, Wis. Adm. Cod	e, table and instruct	y wukkani	LLI		
7		GROUNDWATER ROUTE	WORKSHEET	y 94 ye. Gera	· CANA	NAME OF THE OWNER OWNER OF THE OWNER	4
يتحي		Assigned Value (cit		ltiplier Sc	ore N	lax. Score	1
Rating 1	Factor	(0') 45	icreoner Mid	itiplier se	Ö	45.	1
11	bserved Release observed release is given a score of 45, proceed to	line (4).				•	
If	observed release is given a score of 0, proceed to 1	ine (2).					sub. (2)
(2) R	oute Characteristics Depth to Groundwater	0 1 2(3)	2		6	6	300. (2)
	Infiltration Potential	0 1 2(3)	- 1		32	3	
	Permeability of the Unsaturated Zone,	0 1(2)3	1		~	3	• .
	Physical State	Total Route Charac	cteristics Score		(पि)	Ľ	
<u>a c</u>	ontainment	0 1 2 3	1			3	sub. (3)
(4) W	/aste Characteristics	2000	••	_	12	18	sub. (4)
•	Toxicity/Persistence	0 3 6 9 (12)15 0 2 4 6 8 10	18 1		, ,	10	
	Leachaie Strength Waste Quantity/Hazardous Waste Quantity	0 1 (2 3 4 5 6	7 8 1		~2	8	
	Waste Quality/11azarcocs : Die Quality	Total Waste Chara	cteristics Score	(l'	()	26	
	otential Impacts	0 1(2)8	3	. •	6	9	sub. (5)
	Groundwaler Use	0 1 2 8 0 4 6 8 10	J		U	,	
	Distance to Nearest Well/Population	12 16 18 20 24	1			40	
	Served	(30)32 35 38 40			30	40	
-	1) - (1) !- 45	Total Potential Im	pacts	<u>@</u>		49	
TF	line (1) is 45, multiply (1) X (4) X (5) line (1) is 0, multiply (2) X (3) X (4) X (5)			211687	5 - 5	7,330	
	Pivide line (6) by 57,330 and multiply by 100	OUDELOS MASES DOLME	WODVeller	Sg	W = 36	5.92	
(7) D	·	SURFACE WATER ROUTE	WOKKSHEET			27.10	Ref.
Rating	Factor	Assigned Value (ci	ircle one)	Multiplier	Score	Max. Score	Section
711	Shearrand Ralance	(0') 45	1			45 `	sub. (1)
1	observed release is given a score of 45, proceed to	ine (4).		• .		•	
	observed release is given a score of 0, proceed to oute Characteristics	Ine (2).			······································		sub. (2)
	Facility Slope and Intervening Terrain	0 1 2 3	1	•	1	3	550. (5)
•	Run-off Potential	0 (1) 2 3	1		ļ	3	
	Distance to Nearest Surface Water	$ \begin{array}{cccc} 0 & 1 & 2(3) \\ 0 & 1 & 2(3) \end{array} $. 2		6	6 3	
•	Physical State	Total Rople Char	acteristics Score	ال <u>مستحدد المستحدد ا</u> المر	CID -	15	
(3) C	Containment	0 1 2(3)	1	. (3	7	3	sub. (3)
(4) V	Yaste Characteristics .	0 3 6 9 (12)15	10 1	_	12	18	sub. (4)
	Toxicity/Persistence	0 3 6 9 (12/13	10 1			10	
	Leachate Strength Hazardous Waste Quantity/Total Waste Quantity		7 8 <u>î</u>		چک	8	
		Total Waste Char	acteristics Score	(14)	26	155
(5) P	otential Impacts	0.1(2)3	3		4	9	sub. (5)
	Surface Water Use Distance to a Sensitive Environment	$0 \ 1 \ 2 \ 3$ $0 \ 1 \ 2 \ 3$	2		b	6	
	Population Served/	(0') 6 8 10	1			40	
•	Distance to Water	12 16 18 20 24 30 32 35 40	`				
	Intake Downstream	Total Potential Im	macts		(12)	55	
(6) I	If line (1) is 45, multiply (1) X (4) X (5)	TOTAL TOTAL DE	.p	·			
1	If line (1) is 0, multiply (2) X (3) X (4) X (5)				5544 = 0	54,350	
	Divide line (6) by 64,350 and multiply by 100	17D B 015mm 1100	7.011PPM	Ss	w = 8.0	2	
111.		AIR ROUTE WOR	KSHEEL		0.6		Ref.
	Factor	Assigned Value (circle one) M	lultiplier S	core	Max. Score	Section.
	Observed Release	(0) 45	1			45	sub. (1)
	Date and Location: Sampling Procedures:						
	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						sub. (2)
	Reactivity and Incompatibility Toxicity	0 1 2 3 0 1 2 3	1 2			· 3	
	Hazardous Waste Quantilty/Total Waste Quantity	0123456			·	<u> </u>	
		Total Route Char				20	
(3)	Potential Impacts Population Within 4-Mile Radius	0 0 10 15 10	01 04 07 00 1			30	sub. (3)
	Distance to Sensitive Environment	0 9 12 15 18 0 1 2 3	21 24 27 30 1			30 6	
	Land Use	0123	1			3	
745	Validation No. 2000 Co.	Total Potential In	npact Score -			39	
(5)	Multiply (1) X (2) X (3) Divide line (4) by 35,100 and multiply by 100	A CONTROL OF THE PARTY OF THE P	· · · · · · · · · · · · · · · · · · ·	•	2 = ()	35,100	
\ - /	2 2 2	.5		3	0		
			3				
•	1.73		RE <u>리</u> .	91.			•
	where: Sgw = groundwater route sco Ssw = surface water route sco	re No					
	S sw = surface water route see S a = air route score	ль		-	Departme	nt of Natural	Resources
· 	-				Form 440	·-	

TOXIC AND HAZARDOUS SPILL REPORT State of Wisconsin Department of Natural Resources State Div. Emergency Gov't. (608) 266-3232 Spill ID Number U.S. Nat'l. Response Center (800) 424-8802 *02-64-000.* YYMMDD 0-99 (800) 424-9300 Chemtrec/Pesticides/Chlorine Day of Week Time of Incident □ A.M. Reported By (Name) Telephone Number Date of Incident 8-24-81 LUM / Lond □ P.M. Tulk 41101111 MECC Day of Week Time Reported □ A.M. Agency or Firm Reporting Reported thru Div. Emergen. Date Reported ☐ Yes 8-29-29 TUCO 377 X P.M. Units Person or Firm Responsible Substance Involved Quantity 31 draw 1.0.12 Units Contact Name Telephone Number Substance Involved Quantity D.C. Christ (715) 54 Physical Characteristics Address - Street or Route KO FOR Liquid ☐ Solid Color, City, State, Zip Code ☐ Gas thill Ke ☐ Semisolid Odor. Action Taken By Spiller Cause of Incident PAKING No Action No ☐ Notification Exact Location Description (intersection, mileage, etc.) Taken ☐ Investigate Zi mile intersection of Ed17 ☐ Containment; Type County Location 144, 4, Section, Town, Range Cleanup; Method ☐ Amount Recovered Vilas ☐ Monitor DNR Area **Groundwaters Affected** ☐ Contractor Hired; Name 1.000dr ☐ Yes □ No Potential S Other Action In Present Name of Surface Water Surface Waters Affected □ No ☐ Yes Potential Spill Location Date District Day of Week Time District Notified Industrial Facility/Paper Mill/Chem. Co. Notified \square A.M. Gas/Service Station/Garage, Auto Dealer, Repair Shop ₩.Р.М. ☐ Ag Coop/Facility/Cheese Factory/Creamery District Person Notified Telephone Number Other Small Business (bank, grocery, insurance co., etc.) (715) JE Public Property (city, county, state, church, school, etc.) Time Investigated Date Investigated Day of Week **⊠** A.M. Utility Co., Power Generating/Transfer Facility □ P.M. ☐ Private Property (home/farm) Person Investigating Telephone Number Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler Action Taken By DNR Transportation Accident, Fuel Supply Tank Spill ☐ Transportation Accident, Load Spill No Action Supervise/Conduct Construction, Excavation, Wrecking, Quarry, Mine Investigation Taken Cleanup Other Spiller Required To Take Action; Type __ Spilled Substance Destination ☐ Air Contractor Hired X Soil By DNR; Name ☐ Groundwater ☐ Amount Recovered Surface Water 29.29 Enforcement Storm Sewer Other Agencies on Scene ☐ Sanitary Sewer Contained/Recovered Other Person Filing This Report (print name) State Date Signed Signature Federal Additional Comments:

Department of Natural Resources

1.D. 8_200

District:

Site Name:

Address:

Legal Municipality:

Date of Discovery:

4 = Unknown

PROGRAMS INVOLVED:

Aban Containers

RESPONSIBLE PARTY:

NR 600 Hazardous Waste

 $\underline{X}1 = High$

__ 3 = Low

PRE-SCORE

22.

Lust

Business Name:

Contact Person:

ire/Explosion threat ontaminated Private Well untaminated Public Well

oil Contamination

irect Contact

ther

-ompany:

ddress:

ontact Person:

groundwater Contamination (4)

ontaminated Surface Water (7) Contaminated Air - --- (8)

ONSULTANT INFORMATION:

it additional on separate sheet & attach.)

Owner/Mgr.:

Address:

Phone:

o Threat

PRIORITY SCREENING: FUNDING SOURCE:

ENVIRONMENTAL REPAIR PROGRAM L

02-64-000206 closed

X1 ≖ RP

49903

Phone:

2-64-000206	CASE TRACKING FORM FOR VER. 5 2. Form 4400-150
closed	Re-scored due to
1/1 0	Case No: 8908 201 PMN:
County: Vilas Co.	Case No.: 8908 30 C PMN: FID: Proj. Mgr:
WI 54554	Support Person: Legal Desc: SE1/4 SW 1/4 Sec 35, T 40 R // EN
081 291 89	Date of RP Contact:
ING SOURCE: . 1 = RP 2 = LTF 3 = EF 4 = SF 5 = None	ENFORCEMENT AUTHORITY: 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 = Other (Describe In Comm 7 = EPA Emergency Resp.	nents) 6 = Abandoned Container s. 144.77, Wis. Stat 7 = Other (Describe in Comments)
(L - LEAD S - SUPPOR NR 500 Solid W Spills Superfund	•
Christiansen Christiansen Box 100 WI 54554 45-2333	Business Name: Owner/Mgr.: Address: Phone: / Contact Person:
KNOW	N IMPACTS (X) POTENTIAL IMPACTS (X)
(1) (2) (3) (4) (5) (10) (7) (8)	<u>×</u>
ter Assoc	Company: Contact Person:
J /	Address:

TYPE DISCHARGED (Enter Code) 78//3 78/3/	RECOVERED TREA		DISPOSED	DISPOSAI	L LOCATION STATE
77135					
		ERP CASE S	STATUS		
x as appropriate)	DATE INITATED (MM YY)	DATE COMPLETED (MM YY)		COMMENT	s
NO ACTION TAKEN EMERGENCY WORK PLAN APP FIELD INVEST I II REM DESIGN REM ACTION I O & M I REM ACTION II O & M II LONG TERM MONT ENFORCEMENT	8 / 89 9 / 89 - 9 / 89 /	LEAD CONSULTA		TIONAL)	
CONSULTANT	COM OI	TRACT/PURCHASE RDER NUMBER	CONTRACT AMOUNT	AMOUNT PAID TO DATE	LAST INVOICE APPROVED DATE
		\$\$\$\$\$\$\$\$. \$. \$. \$	

and the second of the second

• .

 %.	To be used with NR	8 550, Wis. Adm. Code, table and in	structions.	T T		
I.	GRO	UNDWATER ROUTE WORKSHEE	<u> </u>			Ref.
Ratio	ng Factor	Assigned Value (circle one)	Multiplier	Score	Max. Score	Section
(1)	Observed Release If observed release is given a score of 45, proceed to line (4).	(0) 45			40	sub. (1)
	If observed release is given a score of 0, proceed to line (2).					ank (2)
(2)	Route Characteristics Depth to Groundwater	0 1 23	2	le	6	sub. (2)
	Infiltration Potential	0 1 2(3)	1	এ কক্ত	3	
	Permeability of the Unsaturated Zone Physical State	0 1(2)3 0 1 2(3)	i	3	3	
		Total Route Characteristics Score	1	(14)) 3	arrh (2)
(3) (4)	Containment Waste Characteristics	0 1 2 3				sub. (3)
(4)	Toxicity/Persistence	0 3 6 9 12 15 18 0 2 4 6 8 10	1	12	18 10	
	Leachate Strength Waste Quantity/Hazardous Waste Quantity	0 1(2)3 4 5 6 7 8	· 1	~2	8	
		Total Waste Characteristics Score		(14)	26	sub. (5)
(5)	Potential Impacts Groundwater Use	0 1(2)3	3	2	9	sub. (3)
	Distance to Nearest	0 4 6 8 10 12 16 18 20 24	1		40	
	Well/Population Served	(30 32 35 38 40		<u> 30</u>		
		Total Potential Impacts		(35)) 49	
(6)	If line (1) is 45, multiply (1) X (4) X (5) If line (1) is 0, multiply (2) X (3) X (4) X (5)				57,330	
<u>(7)</u>	Divide line (6) by 57 330 and multiply by 100	ACE WATER ROUTE WORKSHEE	Т	Sgw = 3	6.92	
П.	SURFA					Ref.
	ing Factor Observed Release	Assigned Value (circle one) 0 (45)	Multiplie 1	er <u>S</u> eq	reMax. Score) 45	Section sub. (1)
(1)	If observed release is given a score of 45, proceed to line (4).				/	340. (1)
	If observed release is given a score of 0, proceed to line (2). Route Characteristics					sub. (2)
(2)	Facility Slope and Intervening Terrain	0 1 2 3	1	•	3	ə _. uu. (2)
	Rum-off Potential Distance to Nearest Surface Water	0 1 2 3 0 1 2 3	1 2		3 6	
	Physical State	0 1 2 3	<u>ī</u>		3	
725	Containment	Total Route Characteristics Score	1		15 3	sub. (3)
(3)	Waste Characteristics			/2		sub. (4)
.,	Toxicity/Persistence Leachate Strength	0 3 6 9 12 15 18 0 2 4 6 8 10	1	12	18 10	
	Hazardous Waste Quantity/Total Waste Quantity	0 1 (2' 3 4 5 6 7 8	<u> </u>		8	·
75	Potential Impacts	Tota Waste Characteristics Score	<u> </u>	(14)	26	sub. (5)
(5)	Surface Water Use	0 1 23	3	6	9	(-)
	Distance to a Sensitive Environment Population Served/	0 1 2(3) 0 4 6 8 10	2 1	6	6 40	
	Distance to Water	12 16 18 20	•	_	-1 •	. •
	Intake Downstream	24 30 32 35 40 Total Potential Impacts	<u> </u>	(12)	55	
<u>(6)</u>	If line (1) is 45, multiply (1) X (4) X (5)	Tome Tomeram Turbana				
	If line (1) is 0, multiply (2) X (3) X (4) X (5) Divide line (6) by 64,350 and multiply by 100				64,350	
<u> </u>	Divide the (0) by 64,530 and multiply by 100	AIR ROUTE WORKSHEET		Ss₩ =	11.75	
Davi	ng Factor	:	Multiplier	Score	Max. Score	Ref.
(i)	Observed Release	Assigned Value (circle one) 0 45)	SUITE_	Max. Score	Section- sub. (1)
	Date and Location: Sampling Procedures:					
-	If line (1) is 0, then $S_a = 0$, Enter on line (5).					<u>.</u>
(2)	If line (1) is 45, then proceed to line (2). Waste Characteristics					sub. (2)
(2)	Reactivity and Incompatibility	0 1 2 3	1		3	300. (2)
	Toxicity Hazardous Waste Quantilty/Total Waste Quantity	0 1 2 3 0 1 2 3 4 5 6 7 8	3 1		9 8	
		Total Route Characteristics Score	<u> </u>		20	
(3)	Potential Impacts Population Within 4-Mile Radius	0 9 12 15 18 21 24 27 30	1		30	sub. (3)
	Distance to Sensitive Environment	0 1 2 3	2		6	
	Land Use	0 1 2 3 Total Potential Impact Score			<u>3</u>	
(4)	Multiply (1) X (2) X (3)	Lorent Lorential Hilbact Score			35,100	
(5)	Divide line (4) by 35,100 and multiply by 100			S = 0		
	$S_{M} = 1 (S_{gw}^{2} + S_{sw}^{2} + S_{a}^{2})^{0.5}$		/S			
	1.73	SCORE	· <u>40</u>			
	where: S gw = groundwater route score S sw = surface water route score			n	ant af Mari	Danser
	S sw = surface water route score S a = air route score			Departn Form 4	nent of Natural 400-	resources