QC 7-10-09
6-29-09

04-45-553796

SPILL ID# 20090629NE45-1 BRRTS# 04-45-553796

State of Wisconsin - Department of Natural Resources
Substance Release Notification Report (SERTS)
Report created on 07/09/2009

Incident Date & Time:	Reported Date & Time:	BRRTS No:	Spill ID:
Unknown	06/29/2009 16:45	04-45-553796	**20090629NE45-1**
DATCP Reported? No **DATCP Transferred? No**	**NFA Letter Sent?** No	**ERP Transferred?** No	**Incident Closed?** Yes : 07/09/2009

Location

Region:	County:	Municipality:
NE	Outagamie	NEW LONDON, CITY OF

Facility/Property Name and Street Address:
CURWOOD INC
718 HIGH ST

Description:
HEAT EXCHANGER OIL LEAKED INTO THE COOLING WATER WHICH DISCHARED TO A LAGOON (OUTFALL #1) THAT EMPTIES INTO THE WOLF RIVER

Facility Type: Industrial Facility (foundry, factory, platter, etc)

Lat/Long: **PLSS:** **WTM:** 621661 434855

Weather Conditions: MGS 16-Sep-09

Responsible Parties

Name/Address (1):	Contact:	Other Contact:	Spill Packet:
CURWOOD INC 718 HIGH ST NEW LONDON, WI 54961- (920) 982-8143 x Primary (920) 982-8000 x Secondary	STEVE ZEINER ENVIRONMENTAL COOR (920) 982-8143 x primary (920) 982-8000 x secondary		

Cause

A GRADUAL RELEASE - PIN HOLE IN A HEAT EXCHANGER; OIL GOT INTO THE COOLING WATER AND THE WATER WENT INTO THE STORM SEWER; SHEEN ON THE WATER AT THE OUTFALL TO THE LAGOON.

Cause Type: Equipment Failure

Substances

Name	Other / Comments	Amt Released	Amt Recovered	Type	Color	Odor
Engine Oil	GEAR OIL 80W90 WT	6.0 Gal	UNK	LIQUID		

Environmental Impacts / Damages

Environmental Impacts:	Resource Damages:	Injuries:	Evacuation:
STORM SEWER SURFACE WATER : Potential - Name : WOLF RIVER	No	No	No

Cleanup Actions

Method	Description
Flow Stopped	
Repairs Made	HEAT EXCHANGER REPLACED
Boom	ABSORBENT BOOMS PLACED IN LAGOON

Cleanup Action Comments

CURWOOD STOPPED THE LEAK AND INSTALLED A NEW HEAT EXCHANGER. BOOMS WERE PLACED AT THE SEWER OUTFALL TO COLLECT AS MUCH OF THE SPILLED OIL AS POSSIBLE. CURWOOD WILL BE ADDING THE HEAT EXCHANGER OIL LEVELS TO REGULAR MAINTENACE SCHEDULE TO AVOID FUTURE INCIDENTS.

Contractors Hired

Name	Description

Waste Destinations

SPILL ID# 20090629NE45-1 BRRTS# 04-45-553796

State of Wisconsin - Department of Natural Resources
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Location	Description

Agencies Notified / On Scene

Agency	Notified	On Scene
DHFS	X	
DIV EMERG MGT	X	
DNR	X	

Additional Comments

SUBMITTED VIA SERTS WEB FORM REF # 4475. 07-01-09, MOELLER RECEIVED SPILL REPORT FROM STEVE ZEINER. SPILL CLEANED UP TO THE EXTENT PRACTICAL.

Enforcement Action/Citation

Enforcement Action/Citation? No

Case Activity Reports:	

Person Reporting

Name	Representing / Address	Primary Phone	Secondary Phone
STEVE ZEINER	CURWOOD INC	(920) 982-8143 x	(920) 982-8000 x

Contractors Hired

Name / Address	Zone Contractor Hired by DNR?
	No

Contacts

Role	Name	Office Phone	Date	Time
Prepared By:	Eduardo Saenz	(608) 267-7450 x	06/29/2009	
Person Notified:	MICHAEL YOUNG, DNR WARDEN		06/29/2009	
Investigated By:	MICHAEL YOUNG, DNR WARDEN		06/29/2009	
Incident Commander:				
Spill Coordinator:	JASON MOELLER, NE Region Jason Moeller	(920) 662-5492 x	07/09/2009	

Electronic Attachments (list)

Name	Type
Curwood spill report.pdf	Portable Document Format

June 30, 2009

CURWOOD®

Mr. Jason Moeller
Wisconsin Department of Natural Resources (WDNR)
Spills Coordinator – Hydrogeologist
2984 Shawano Ave.
Green Bay, WI 54313

WI DNR RECEIVED JUL 1 2009 NER WASTE/RR

RE: Curwood, Inc.- New London accidental discharge of oil from a heat exchange unit to surface waters.

Mr. Jason Moeller,

On June 25, 2009, I was conducting a semi-annual dry weather storm water inspection and came across a slight sheen coming from our Outfall #1. We were able to trace the source of the sheen back to a heat exchange unit found on one of our coater machines.

Sometime between June 8, 2009 and June 25, 2009, a hole the size of a pin formed in the heat exchange unit tubing. This allowed contact between the oil and the water. The two were discharged to Outfall #1 where it was discovered. On June 25, 2009, our maintenance team immediately removed the heat exchange unit and replaced with a new unit, estimating the loss to be between three and six gallons. Normally, the units are inspected weekly but the gentleman that performs these inspections has been out for the last three weeks.

On June 29, 2009, the accidental discharge was reported to the 24 hour Spill Reporting Hotline at (800)-943-0003. I spoke with Ed Saenc of the WDNR. We also placed two New Pig socks into Outfall #1's path to collect as much of the three to six gallons of possible lost oil. I walked the entire length of the stream, as well as, around the lagoon to check for any oil sheen. Due to the heavy vegetation in and around the outfalls discharge area, a majority of the oil was limited to the area nearest the outfall.

In order to prevent a future discharge, we will be inspecting the oil level on the coater's heat exchange unit daily rather than weekly.

I hope this as well as the attached Spill Report form meets your needs. If you need additional information please feel free to contact myself (920) 982-8143 or Aimeè McClure at (920) 303-7571.

Sincerely,

Steve Zeiner

Steve Zeiner
Bemis Company, Inc.
Environmental Coordinator

Cc: Howard Hofmeister, Bemis Company, Inc., Director of Environmental Affairs
Aimeè McClure, Bemis Company, Inc., Environmental Associate
Ed Saenc, Hotline Representative
Michael Young, WDNR Warden

BEMIS®
CURWOOD, INC. / Specialty Films for Packaging
A Bemis Company
718 High Street, P.O. Box 46, New London, Wisconsin 54961-0046
Phone 920/982-8000, FAX 920/982-8121

SPILL REPORT FORM

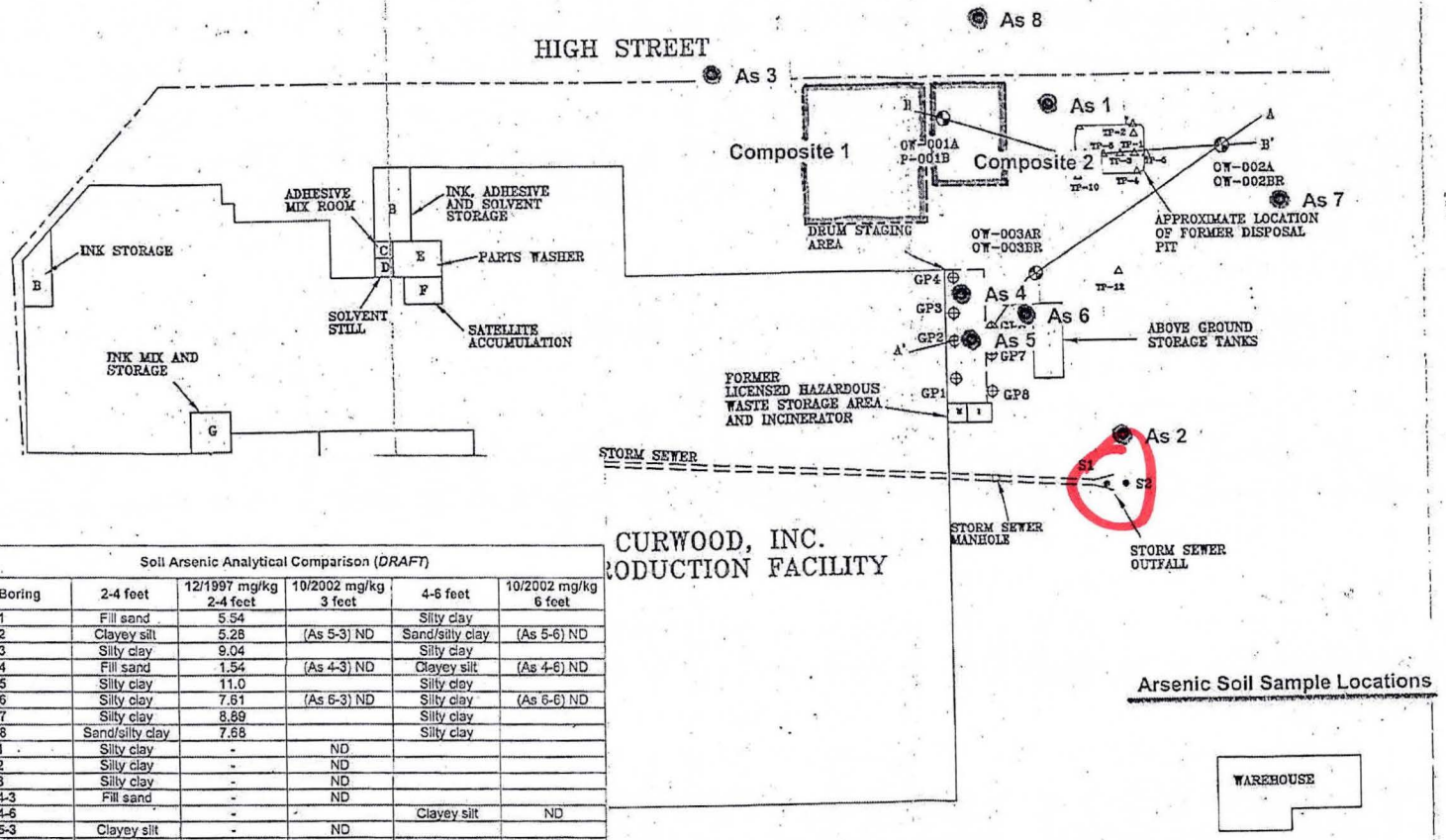
WDNR:	800-943-0003
Coast Guard:	800-321-4400
National Response Center:	800-284-8802
State Emergency Management:	800-943-0003
Local Fire Department:	911

Name of Facility:	**Curwood, Inc.**		
Facility Address:	**718 High Street, New London, WI 54961**		
Facility Phone:	**(920) 982-8000**		
Release Information:			
Date of Release:	**June 25, 2009**	**Time:**	**9:00 a.m.**
Material Released:	**U.S. Oil Co., Inc. Military Gear Oil (80w90)**	**Quantity Released:**	**3 to 6 Gallons**
Source of Release:	**Faulty heat exchange unit on Coater #4**		
Did release reach surface water: ☒ yes ☐ no		**Name of Receiving Water:**	**Lagoon next to Wolf River**
Evacuation Needed? ☐ yes ☒ no			
Cause of Release:	**Small hole developed in heat exchange unit for gear box. Oil seeped into the non-contact cooling water which drains to the storm water sewer. This occurred slowly sometime between June 08, 2009 and June 25, 2009.**		
Description of Damages:	**Oil sheen observed in ditch leading to lagoon that empties into Wolf River. No sheen observed in Lagoon.**		
Measures Taken to Control Release:	**Faulty heat exchange unit was replaced with new heat exchanger.**		
Action Taken to Prevent Future such Occurrences:	**Increase the periodic checks of oil levels in the gear box heat exchange units on all processes.**		
Spill Reported By:	**Steve Zeiner**	**Date:**	**June 29, 2009**
Documented By:	**Steve Zeiner**	**Date:**	**June 30, 2009**

Notification Information:

Department Notified:	Contact Name	Date/Time	Initials	Comments
WDNR	Ed Saenc	June 25 / 5:00 pm		
Coast Guard		/ am pm		
National Resp. Ctr.		/ am pm		
State Emerg. Mgt.		/ am pm		
Fire Dept.		/ am pm		

Prepared By: ALM



Arsenic Soil Sample Locations

Soil Arsenic Analytical Comparison (*DRAFT*)					
Boring	2-4 feet	12/1997 mg/kg 2-4 feet	10/2002 mg/kg 3 feet	4-6 feet	10/2002 mg/kg 6 feet
GP-1	Fill sand	5.54		Silty clay	
GP-2	Clayey silt	5.28	(As 5-3) ND	Sand/silty clay	(As 5-6) ND
GP-3	Silty clay	9.04		Silty clay	
GP-4	Fill sand	1.54	(As 4-3) ND	Clayey silt	(As 4-6) ND
GP-5	Silty clay	11.0		Silty clay	
GP-6	Silty clay	7.61	(As 6-3) ND	Silty clay	(As 6-6) ND
GP-7	Silty clay	8.89		Silty clay	
GP-8	Sand/silty clay	7.68		Silty clay	
As 1	Silty clay	-	ND		
As 2	Silty clay	-	ND		
As 3	Silty clay	-	ND		
As 4-3	Fill sand	-	ND		
As 4-6		-		Clayey silt	ND
As 5-3	Clayey silt	-	ND		
As 5-6		-		Sand/silty clay	ND
As 6-3	Silty clay	-	ND		
As 6-6		-		Silty clay	ND
As 7		-		Clayey silt	ND
As 8		-		Clayey silt	ND
Composite 1	Silty clay	-			ND
Composite 2	Silty clay	-			ND

Notes:
1. NR720 Residual Contaminant Level standard for industrial sites is 1.6 mg/kilogram or background soil concentration.
2. Arsenic analyzed according to SW846-7060 technology.
3. Composite 1 and Composite 2 samples were composited from 4-6-foot depth samples collected from borings installed within the areas shown ON July 16, 2002. The composites were created and analyzed in the event any soils needed to be disposed of in a landfill.

NOTES:
1. Site plan prepared from base map provided by Curwood, Inc.
2. Letters A through I designate room numbers where hazardous and/or non-hazardous waste and materials are stored.
3. Observations wells OW-001A, P-001B and OW-002A were installed by Donohue & Associates during July 1986. Observations wells OW-002BR, OW-003AR and OW-003BR were installed by GZA GeoEnvironmental, Inc. in December 1997.
4. Certain site features were located based on line of sight and or tape measurements from existing topographic features. This data should be considered accurate only to the degree implied by the method used.

DESIGNED BY: CURWOOD, INC.
REVIEWED BY:
DRAWN BY: CJM
DATE: 7/98

GZA GeoEnvironmental, Inc.
4140 Duplainville Road
Pewaukee, Wisconsin 53072
(414) 691-2882 Fax (414) 691-9270

SCALE IN FEET 0 100 200

APPROXIMATE

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DATE	REVISIONS	INI

SITE MAP WITH OBSERVATION WELLS, GEOPROBE BORING, OUTFALL SAMPLE AND TEST PIT LOCATIONS

CURWOOD, INC.
NEW LONDON, WISCONSIN

FILE NO. 150171

FIGURE NO. 2