

State of Wisconsin - Department of Natural Resources  
 Substance Release Notification Report (SERTS)  
 Report created on 08/28/2013

04-88-89-40  
988095-89-40

SPILL ID# 20121003NE38-1 BRRTS# 04-38-560886

Incident Date & Time: 10/02/2012 21:03	Reported Date & Time: 10/03/2012 09:43	BRRTS No: 04-38-560886	Spill ID: 20121003NE38-1
DATCP Reported? No DATCP Transferred? No	NFA Letter Sent? No	ERP Transferred? No	Incident Closed? Yes : 08/28/2013

Location			
Region: NE	County: Marinette	Municipality: MARINETTE, CITY OF	
Facility/Property Name and Street Address: CHEM DESIGN CORP 2 STANTON ST		Description: BUILDING 38	
Facility Type: Industrial Facility (Foundry/Factory/Plating/Manufacturing)			
Lat/Long:	PLSS:	WTM: <i>OK MGS</i> X 707812 Y 516505	
Weather Conditions: Cloudy			

Responsible Parties			
Name/Address (1): CHEMDESIGN CORP 2 STANTON STREET MARINETTE, WI 54143-	Contact: TIM SWAVELY (715) 735-8263 x primary	Other Contact: DAVID MIELKE PRESIDENT (920) 735-8267 x primary	Spill Packet:

**Cause**  
 A CIRCULATING PUMP FOR ONE OF THE PRE-SCRUBBER TOTES FAILED. AN ODOROUS, AMMONIA LIKE AIR RELEASE OCCURRED.

Cause Type: Equipment Failure

Substances						
Name	Other / Comments	Amt Released	Amt Recovered	Type	Color	Odor
Industrial Chemical - Other	DMFDMA	UNK	0.0	GAS		

Environmental Impacts / Damages			
Environmental Impacts: AIR	Resource Damages: No	Injuries: No	Evacuation: No

Cleanup Actions	
Method	Description
Excavation	
Repairs Made	

**Cleanup Action Comments**  
 MAXIMUM DRAGER TUBE TEST IS 1PPM, ODOR THRESHOLD IS .34PPM HOWEVER IS NOT HAZARDOUS UNTIL REACHING 12PPM LEVELS. PROCESSING CANNOT BE SHUT DOWN UNTIL LATER THIS AFTERNOON 10-3-12. SO LOW LEVEL ODOR MAY REMAIN SHORT TERM BUT IS NOT HAZARDOUS NOR ABOVE ANY AIR PERMIT LIMITS. MIELKE INDICATED HE HAS CONTACTED MICHELLE FARLEY, DNR AIR MANAGEMENT ENGINEER. EPA ONSITE TO MONITOR AIR QUALITY BEFORE AND AFTER RESTART UP OF CLEANED SCRUBBER EQUIPMENT. EPA TO LEAD INVESTIGATION ON WHAT HAPPENED.

Contractors Hired	
Name	Description

Waste Destinations	
Location	Description

Agencies Notified / On Scene		
Agency	Notified	On Scene

*add point to SDE  
 learn & upload doc  
 mgs - 3- sep - 2013*

**State of Wisconsin - Department of Natural Resources  
Substance Release Notification Report (SERTS)  
Report created on 08/28/2013**

SPILL ID# 20121003NE38-1 BRRTS# 04-38-560886

DHFS	X	
DNR	X	
FIRE DEPARTMENT	X	X
LEPC OF LOCAL EMERG MGT	X	X
LOCAL CO OR CITY HEALTH	X	
OSHA	X	X
EPA	X	X

**Additional Comments**

ON 10/2/2012 AT 2103 HOURS KATHY FRANK, MARINETTE COUNTY EMERGENCY MANAGEMENT, MADE AN INITIAL REPORT, FOLLOWING UP WITH PRELIMINARY DETAILS AT 2129 TO MICHELLE HARTNESS. WORKERS AT MARINETTE MARINE COMPLAINED OF EFFECTS FROM THE PRODUCT. THE SECOND SHIFT AT MARINETTE MARINE WAS SENT HOME; THIRD SHIFT IS ON STAND-BY. WHILE THERE IS A NOTICABLE SMELL IN THE COMMUNITY, NO EFFECTS HAVE BEEN REPORTED IN RESIDENTIAL AREAS OR OTHER BUSINESSES. THE LOCAL HAZMAT TEAM, REPRESENTATIVES OF BOTH COMPANIES, AND MARINETTE COUNTY EM ARE ON THE SCENE. THE PLANT AND SHIP ARE PRESENTLY BEING VENTILATED. (10/3/2012 1:48): A MEDIA RELEASE FROM MARINETTE COUNTY EM STATED T THERE WAS A RELEASE OF THE AMMONIA-BASED PRODUCT AT CHEMDESIGN CORP., WHICH AFFECTED THE NEARBY MARINETTE MARINE CORP., BEGAN AT APPROXIMATELY 1800 HOURS, AND WAS CONCLUDED AT APPROXIMATELY 2130 HOURS. RESPONSE OPERATIONS HAVE CONCLUDED. THE CAUSE OF THE RELEASE IS UNDER INVESTIGATION BY CHEMDESIGN CORP. IN AUGUST 2013, T AMMAN CHECKED WITH US EPA AND LEARNED THEIR INVESTIGATION IS ONGOING BUT NO NEED TO KEEP DNR SPILL CASE OPEN. T AMMAN REVIEWED FILE INFO AND CLOSED THE SPILL. SUBMITTED VIA SERTS WEB FORM REF # 6757

**Enforcement Action/Citation**

EPA WILL TAKE LEAD ON INVESTIGATION AND ENFORCEMENT. RUTH MCNAMARA IS EPA CONTACT.  
Enforcement Action/Citation? No

Case Activity Reports:

**Person Reporting**

Name	Representing / Address	Primary Phone	Secondary Phone
SUSAN BURLEIGH	WEM		

**Contractors Hired**

Name / Address	Zone Contractor Hired by DNR?
	No

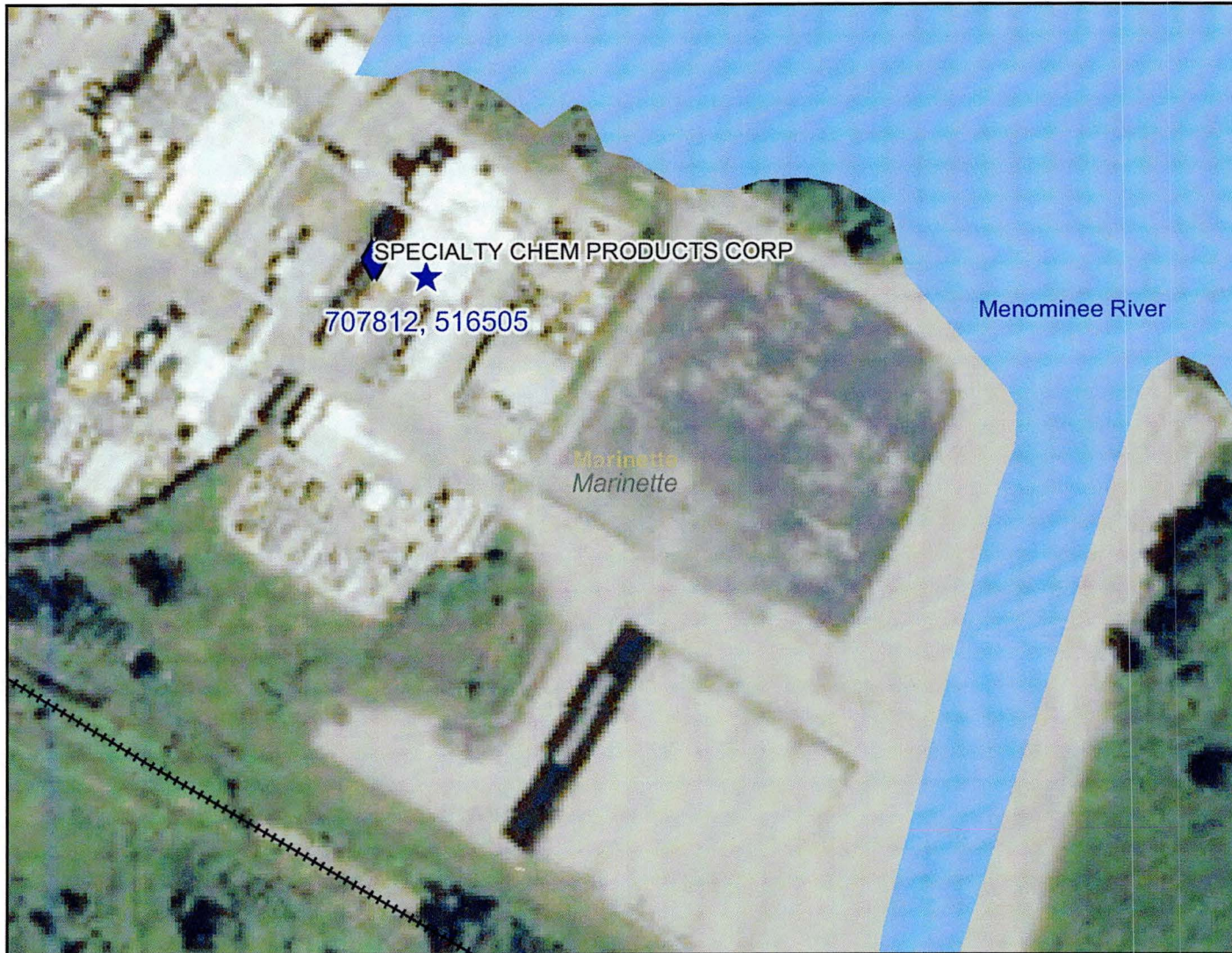
**Contacts**

Role	Name	Office Phone	Date	Time
Prepared By:	Kevin Barman	(608) 264-9225 x	10/03/2012	
Person Notified:	CASEY JONES		10/03/2012	
Investigated By:			10/03/2012	
Incident Commander:	JESSE HASSAN			
Spill Coordinator:	CASEY JO, NE Region	NES (920) 303-5 x	08/28/2013	




















**Electronic Attachments (list)**

Name	Type
20121003NE38-1_map.pdf	Portable Document Format
20121003NE38-1_DMFDMA MSDS.pdf	Portable Document Format
20111003NE38-1_RP notification email.pdf	Portable Document Format

20121003NE38-1\_map



Legend

-  Open Sites (ongoing cleanups)
-  Open Sites (ongoing cleanups) - site boundaries shown
-  Closed Sites (completed cleanups)
-  Closed Sites (completed cleanups) - site boundaries shown
-  County Boundary
-  Railroads
-  County Roads (WDOT)
-  County Trunk Highway
-  State and U.S. Highways (WDOT)
-  State Trunk Highway
-  US Highway
-  Interstate Highways (WDOT)
-  Interstate Highway
-  Local Roads (WDOT)
-  Civil Towns
-  Civil Town
-  24K Open Water
-  24K Rivers and Shorelines
-  Municipalities

0 175 350 525 ft.

Map created on Oct 22, 2012

Note: Not all RR Sites have been geo-located yet.



Scale: 1:1,763

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

## Jones, Casey L - DNR

---

**From:** Jacob Hassan <Hassan.Jacob@epamail.epa.gov>  
**Sent:** Tuesday, October 09, 2012 9:34 AM  
**To:** Chronert, Roxanne N - DNR  
**Cc:** bthull@marinette.wi.us; Jones, Casey L - DNR; Charles Gebien; James Mitchell; Shepstone, Matthew; Thiboldeaux, Robert L - DHS; Wozniak, Ryan J - DHS  
**Subject:** RE: Chem Design release and Marinette Marine Concerns

3:00 pm works well for me.

Jacob Hassan  
On-Scene Coordinator  
U.S. EPA Region 5 (SE-5J)  
77 West Jackson Blvd.  
Chicago, IL 60604  
Ph: (312) 886-6864  
Fax: (312) 697-2034  
email: hassan.jacob@epa.gov

---

**From:** "Chronert, Roxanne N - DNR" <Roxanne.Chronert@Wisconsin.gov>  
**To:** "Shepstone, Matthew" <Matthew.Shepstone@us.fincantieri.com>, Jacob Hassan/R5/USEPA/US@EPA  
**Cc:** "Thiboldeaux, Robert L - DHS" <Robert.Thiboldeaux@dhs.wisconsin.gov>, "Wozniak, Ryan J - DHS" <Ryan.Wozniak@dhs.wisconsin.gov>, James Mitchell/R5/USEPA/US@EPA, Charles Gebien/R5/USEPA/US@EPA, "bthull@marinette.wi.us" <bthull@marinette.wi.us>, "Jones, Casey L - DNR" <Casey.Jones@Wisconsin.gov>  
**Date:** 10/08/2012 11:23 AM  
**Subject:** RE: Chem Design release and Marinette Marine Concerns

---

3:00 is ok with me. I have to be off call by 4:00. I will be driving at 3:00.

**From:** Shepstone, Matthew [<mailto:Matthew.Shepstone@us.fincantieri.com>]  
**Sent:** Monday, October 08, 2012 9:59 AM  
**To:** Chronert, Roxanne N - DNR; Jacob Hassan  
**Cc:** Thiboldeaux, Robert L - DHS; Wozniak, Ryan J - DHS; James Mitchell; Charles Gebien; bthull@marinette.wi.us; Jones, Casey L - DNR  
**Subject:** RE: Chem Design release and Marinette Marine Concerns

Would it be possible to set the meeting time for 3:00 PM? I believe an hour would be sufficient to discuss Marinette Marine's concerns and to get your input on how to move forward.

**From:** Chronert, Roxanne N - DNR [<mailto:Roxanne.Chronert@Wisconsin.gov>]  
**Sent:** Monday, October 08, 2012 9:47 AM  
**To:** Shepstone, Matthew; Jacob Hassan  
**Cc:** Thiboldeaux, Robert L - DHS; Wozniak, Ryan J - DHS; James Mitchell; Charles Gebien; [bthull@marinette.wi.us](mailto:bthull@marinette.wi.us); Jones, Casey L - DNR  
**Subject:** RE: Chem Design release and Marinette Marine Concerns

This works for me. WE can use this call I number:

WISLINE  
Dial-In:

1-888-291-0312  
1-630-785-5835

Passcode: 5056 085#

**From:** Shepstone, Matthew [<mailto:Matthew.Shepstone@us.fincantieri.com>]  
**Sent:** Monday, October 08, 2012 8:54 AM  
**To:** Jacob Hassan  
**Cc:** Chronert, Roxanne N - DNR; Thiboldeaux, Robert L - DHS; Wozniak, Ryan J - DHS; James Mitchell; Charles Gebien  
**Subject:** RE: Chem Design release and Marinette Marine Concerns

Jacob:

Thanks for getting back to me. Thursday afternoon after 1:30 PM would work best for me. Let me know if this will work for everyone else.

Thanks

Matt Shepstone  
EHS Manager  
Marinette Marine

**From:** Jacob Hassan [<mailto:Hassan.Jacob@epamail.epa.gov>]  
**Sent:** Monday, October 08, 2012 8:51 AM  
**To:** Shepstone, Matthew  
**Cc:** [Roxanne.Chronert@Wisconsin.gov](mailto:Roxanne.Chronert@Wisconsin.gov); [Robert.Thiboldeaux@dhs.wisconsin.gov](mailto:Robert.Thiboldeaux@dhs.wisconsin.gov); [Ryan.Wozniak@dhs.wisconsin.gov](mailto:Ryan.Wozniak@dhs.wisconsin.gov); James Mitchell; Charles Gebien  
**Subject:** Re: Chem Design release and Marinette Marine Concerns

Hi Matt,

Thank you for your email. I would be glad to have a call with you anytime this week to discuss the events that transpired at the ChemDesign facility. It would be best if we could have the Wisconsin DNR and Wisconsin Department of Health Services participate in the call so that all agencies involved can address your concerns. Please let me know if there is a time that works best for you and we can set up a time.

Thanks,

Jacob Hassan  
On-Scene Coordinator  
U.S. EPA Region 5 (SE-5J)  
77 West Jackson Blvd.  
Chicago, IL 60604  
Ph: (312) 886-6864  
Fax: (312) 697-2034  
email: [hassan.jacob@epa.gov](mailto:hassan.jacob@epa.gov)

From: "Shepstone, Matthew" <[Matthew.Shepstone@us.fincantieri.com](mailto:Matthew.Shepstone@us.fincantieri.com)>  
To: Jacob Hassan/R5/USEPA/US@EPA  
Date: 10/06/2012 04:23 PM  
Subject: Chem Design release and Marinette Marine Concerns

---



MARINETTE COUNTY  
**EMERGENCY MANAGEMENT**

---

Eric Burmeister  
*Director*

Kathy Frank  
*Program Assistant*  
*County Public Information Officer*

FOR IMMEDIATE RELEASE

Media Contact: Kathy Frank (715) 732-7666

October 2, 2012 @ 11:30pm

CHEMICAL RELEASE AT CHEMDESIGN CORP.

City of Marinette, Marinette County: A chemical release of an ammonia based product occurred at ChemDesign Corp, which affected the nearby Marinette Marine Corp. plant. At 6:07 pm Marinette County Dispatch received a call from Marinette Marine Corp. reporting an odor. The City of Marinette Fire Department/County Hazardous Materials Response Team, responded to the plant. Air monitoring was conducted. The release was confined to ChemDesign and Marinette Marine properties.

Some Marinette Marine Corp. workers complained of nausea and headache. As a precaution, the plant suspended operations and sent all workers from their second shift home early. No one sought medical treatment. The release was stopped by approximately 9:20pm. The Hazardous Materials Team remained on scene to conduct further air monitoring of the buildings and two vessels being built.

The cause of the release is being investigated by ChemDesign personnel.

###

Greetings Jacob:

I am the Environmental, Health, and Safety Manager for Marinette Marine. I would like to set up a time to meet with you or someone from the EPA to discuss the events that transpired this week and Marinette Marine's concerns. Major concerns are that Chem Design never notified (as far as I am aware of) Marinette Fire Department of any potential releases; Marinette Marine made all calls of concerns requesting fire department to respond. Secondly, Chem Design made no efforts to tell Marinette Marine was occurring or what substance was being smelt until after the fire department arrived and forced the issue. We have over 70 first aid reports of people not feeling well from Tuesday night's release; one person went to the emergency room that night. I have at least three individuals that have lingering effects from breathing in the chemical.

With Chem Design being a chemical manufacturer Marinette Marine has concerns for the 1500+ personnel on its premises. Please let me know if you are the right person to be communicating with to schedule a meeting or whom I should be corresponding with.

Sincerely,

Matt Shepstone  
Marinette Marine  
EHS Manager

Information including any attachments contained in this electronic submission may contain information or technology the export or re-export of which is restricted by U.S. export laws and regulations. By viewing this e-mail and any attachments, the recipient agrees to the following:

(1) the recipient's use of the this e-mail and any attachments shall comply with all applicable laws, rules and regulations, including, without limitation, U.S. export laws and regulations, and (2) the recipient may not transfer or otherwise export or re-export any information or technology contained in this e-mail or any attachment except in full compliance with the export controls administered by the U.S.

Information including any attachments contained in this electronic submission may contain information or technology the export or re-export of which is restricted by U.S. export laws and regulations. By viewing this e-mail and any attachments, the recipient agrees to the following: (1) the recipient's use of the this e-mail and any attachments shall comply with all applicable laws, rules and regulations, including, without limitation, U.S. export laws and regulations, and (2) the recipient may not transfer or otherwise export or re-export any information or technology contained in this e-mail or any attachment except in full compliance with the export controls administered by the U.S.

Information including any attachments contained in this electronic submission may contain information or technology the export or re-export of which is restricted by U.S. export laws and regulations. By viewing this e-mail and any attachments, the recipient agrees to the following: (1) the recipient's use of the this e-mail and any attachments shall comply with all applicable laws, rules and regulations, including, without limitation, U.S. export laws and regulations, and (2) the recipient may not transfer or otherwise export or re-export any information or technology contained in this e-mail or any attachment except in full compliance with the export controls administered by the U.S.

## Farley, Michelle M - DNR

---

**From:** Timothy Swavely <TSwavely@chemdesign.com>  
**Sent:** Wednesday, October 03, 2012 10:15 AM  
**To:** Farley, Michelle M - DNR  
**Cc:** Dave Mielke  
**Subject:** Odor Issue for 10/2/2012

Good Morning Michelle

You may have heard already, last night it seems during a processes which includes DMFDMA (1,1-Dimethoxy-N,N-dimethyl Methanamine) one of the circulating pumps attached to one of two of our pre-scrubber totes died mid-process, so an odorous release from the scrubber occurred. With the pre-scrubber pump being down a small portion the DMFDMA odor became airborne out of the scrubber and following the local wind pattern (SE-5 MPH) lost its buoyancy and sank around the Marinette Marine area, specifically around the newer ship docked being worked on at their dock. DMFDMA is a sinker, and has an odor detection level of less than <0.34 ppm (the only odor threshold published by OSHA is for DMA which is the <.34 ppm) so a little goes a long way. Marinette Marine thought it best to evacuate their staff from the vessel until the odor dispersed. A scrubber sample was taken and analyzed, indicating a result of <.004 ppm of DMFDMA present.

Once the odor issue became apparent, (which was before Marinette Marine evacuated their staff) all processes within production building 38 were shut down, the scrubber and pre-scrubber totes were drained, washed and refilled. The process utilizing the DMFDMA has been shut down until all pumps and process equipment is cleaned, checked and verified for proper operation.

I just wanted to give you a heads up, any questions just call.

Thanks

Dr. Timothy Swavely  
MS, REP, HEM, WSO-CSM, NAEM  
Director Environmental Health & Safety  
ChemDesign Products, Inc.  
(T) 715-735-8263  
(C) 920-851-6507  
(F) 715-735-5304  
Confidential Fax 715-735-8275  
[timothy.swavely@chemdesignproducts.com](mailto:timothy.swavely@chemdesignproducts.com)

NOTE: Please notice my new email address; [tswavely@chemdesign.com](mailto:tswavely@chemdesign.com). Please use this for all further correspondence with me. My old email address [timothy.swavely@chemdesignproducts.com](mailto:timothy.swavely@chemdesignproducts.com) will be retired soon.