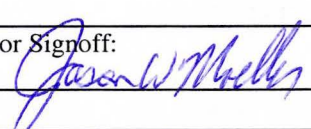


State of Wisconsin Substance Release Notification Form
Department of Natural Resources Form 4400-91 (Rev. 12-04, e-form)
 24-Hour Emergency Hotline Number: 1-800-943-0003

04-38-548480

Date & Military Time of Incident: 08/31/2006 1115hrs		Date & Military Time Reported: 09/01/2006 1124hrs		Spill File # ner08312006_02 BRRTS #	
Person Reporting: STEVE LEUTBECHER		Representing: ANSUL INCORPORATED		Phone # 715-735-7411 Fax #	
Responsible Party (RP) / Spiller: ANSUL INCORPORATED		RP Decision Based On: PROTOCOL		Phone # Fax #	
RP Address: 1 STANTON ST				City State Zip Code MARINETTE WI 54143-	
RP Contact Name & Title: MARITSA GOAN				Phone # 715-735-7411 Fax #	
Substance Involved: AVIATION FUEL (JET A)		Amount & Units Released: 100 GALLONS		Amount & Units Recovered: 100 GALLONS	
<input type="checkbox"/> Solid <input type="checkbox"/> Semisolid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas		Color:		Odor:	
Exact Location Of Incident: (including street name, bldg. #, mileage, etc.) 2700 INDUSTRIAL PKWY S				Facility Name / Property Owner: FIRE TRAINING CENTER/ ANSUL INCORPORATED	
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township MARINETTE		County MARINETTE		Latitude/Longitude deg. ' ", deg. ' "	
DNR Region: NER		1/4 1/4 Sec T N R <input type="checkbox"/> E <input type="checkbox"/> W		Weather Conditions:	
Cause of Incident: WHILE TRANSFERRING FUEL TO A TEST FIXTURE THE LINE RUPTURED CAUSING SPRAYING INTO THE AIR AND ONTO GRAVEL SURFACE.					
Spilled Substance Impact To: (check X all that apply)		Spill Cause and/or Site:		Action Taken By Spiller:	
<input checked="" type="checkbox"/> Air <input type="checkbox"/> Potential <input type="checkbox"/> Concrete/Asphalt <input type="checkbox"/> Potential <input checked="" type="checkbox"/> Contained/Recovered <input type="checkbox"/> Groundwater <input type="checkbox"/> Potential <input type="checkbox"/> Private Well <input type="checkbox"/> Potential <input type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Potential <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Potential <input type="checkbox"/> Storm Sewer <input type="checkbox"/> Potential <input type="checkbox"/> Surface Water <input type="checkbox"/> Potential Name: <input type="checkbox"/> Other:		<input type="checkbox"/> Ag Coop/Food Factory <input type="checkbox"/> Airport Facility <input type="checkbox"/> Railroad Facility <input type="checkbox"/> Construction, Excavation, Wrecking, Quarry, Mine <input type="checkbox"/> Gas/Service Station/Garage/Auto Dealer/Repair Shop <input type="checkbox"/> Hydraulic Line Break <input checked="" type="checkbox"/> Industrial Facility <input type="checkbox"/> Paper Mill <input type="checkbox"/> Chemical Co. <input type="checkbox"/> Pipeline/Terminal/Tank Farm/Oil Jobber/Wholesaler <input type="checkbox"/> Private Property (home/farm) <input type="checkbox"/> Public Property (city, state, church, school, etc.) <input type="checkbox"/> Transportation Accident, Fuel Tank Spill <input type="checkbox"/> Transportation Accident, Load Spill <input type="checkbox"/> Utility Co. Power Generating/Transfer Facility <input checked="" type="checkbox"/> Other: FIRE TRAINING CENTER		<input type="checkbox"/> Cleanup Method: <input type="checkbox"/> Absorbent <input type="checkbox"/> Excavation <input checked="" type="checkbox"/> EVAPORATION <input checked="" type="checkbox"/> Containment <input type="checkbox"/> Contractor Hired Name: <input type="checkbox"/> Monitor <input type="checkbox"/> No Action Needed <input type="checkbox"/> No Action Taken <input type="checkbox"/> Waste Destination: <input checked="" type="checkbox"/> Other: Fuel/Water collection system	
Injuries? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes how many?		Has An Evacuation Occurred? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Potential? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Are There Any Resource Damages? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potential What Kind?					
Other Agencies Notified: (check first column, if notified; check both columns, if on the scene)					Incident Commander:
<input type="checkbox"/> Fire Department <input type="checkbox"/> Local Law Enforcement <input type="checkbox"/> LEPC or Local Emer. Mgt. <input type="checkbox"/> Level A/Level B Team		<input checked="" type="checkbox"/> Local DNR <input type="checkbox"/> Div. Emerg. Mgt. <input type="checkbox"/> Coast Guard <input type="checkbox"/> DHFS 608-258-0099		<input type="checkbox"/> EPA <input type="checkbox"/> Nat'l Resp Ctr 800-442-8802 <input type="checkbox"/> Chemtrec 800-424-9300 <input type="checkbox"/> Other:	Phone #
Prepared By: RONDA CONNER		Phone # 608-267-0844	Date: 09/01/2006	Rpt'd To DATCP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
Person Notified: JASON MOELLER		Phone # 920-662-5492	Date: 09/01/2006 Time: 1154	Tnsfed. To DATCP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
Investigated By:		Sign:	Date:	Spill Packet Sent? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
				To:	
				Transferred to ERP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
				Case #	
Spill Coordinator Signoff: 			Date: 11/03/06	NFA Letter Sent? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
				Incident Closed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date: 11/03/06	
<input checked="" type="checkbox"/> See Additional Comments On Reverse (Please, print page 2 of 2)					

State of Wisconsin Substance Release Report (Cont'd)
Form 4400-91 (Rev 12-04, e-form)

Date and Military Time Of Incident: 08/31/06
1115hrs

Responsible Party: ANSUL CORP

Additional Comments : 11/03/06, Moeller called Maritsa Goan, and Maritsa e-mailed a copy of the clean-up report to Moeller.

Case Activity Report: Yes No CAR#:

(Please, attach copy of all CAR and other documentation)

Enforcement Action: Yes No (Explain Below)

Moeller, Jason W - DNR

From: Maritsa Goan [mgoan@tycoint.com]
Sent: Friday, November 03, 2006 11:01 AM
To: Moeller, Jason W - DNR
Subject: Record of completion

Jason,
attached please find the record of completion and clean-up for the 8/32/06 incident. This record includes the action items taken to eliminate reoccurrence of this incident. Please contact me with any questions or comments.
Sincerely,

Maritsa Goan
Senior Environmental Manager
Tyco Fire & Security
Marinette Operations
☎: 715-735-7411 ext-3403
☎: 715-735-7059
Cell: 715-330-0529
✉ mgoan@tycoint.com

Record of Spill Incident at Fire Technology Center on 8/31/06

Date: 9/5/2006

Authored by Brad Goldapske

Incident:

At approximately 11:15 AM on 8/31/2006, an estimated 100 gallons of Jet A fuel was spilled on the grounds of the Fire Technology Center.

The nacelle fixture fuel nozzles were being calibrated for flow in preparation for testing/training for the week of 9/4/2006. A hose at the discharge of a 300 gallon bulk Jet A fuel tank (located approximately 30 yards from the test fixture) ruptured immediately adjacent to a coupling near the bottom of the bulk tank while the fuel transfer system was in the process of being calibrated under 64 psi of pressure. (The system had been previously pressurized without incident at this same operating pressure on the day previous and had been under pressure for approximately 20 minutes before rupturing on 8/31/2006. The hose is rated for 150 psi and is specifically designed for petroleum fuel compatibility). The valve was closed at the bottom of the bulk tank after approximately 20 seconds stopping the fuel flow from the tank into the ruptured transfer hose. The fuel under pressure sprayed into the air covering a triangular area of the test field grounds (gravel / sand mix) encompassing approximately 1350 ft² immediately to the south of the

11/07/2006

nacelle fuel valve box. The triangular area sprayed with the Jet A fuel totaled the 100 gallon spill. The contaminated fuel accumulated in the containment pan (approximately 2-5 gallons) beneath the bulk fuel tank and pooled in the nacelle valve box was immediately collected and transferred into the Fire Technology Center's fuel/water collection system. The fuel on the surface of the test field grounds had quickly evaporated. To insure the no fuel was trapped below the top surface unevaporated the area was raked to insure complete evaporation. Upon further inspection of the ruptured hose it was determined that the hose had failed at a compromised/weak area immediately adjacent to where the coupling interfaced with the hose interior. The age of the failed hose was not known, however it had been used for similar applications during the previous years. The ruptured hose will be disposed of and a new hose assembly (pressure tested to 150 psi) has already been procured for this project.

ADDENDUM (9-5-06):

ACTIONS IMPLEMENTED TO PREVENT RE-OCCURRENCE

1. The failed hose assembly was immediately replaced with a new hose assembly hydrostatically tested and approved to 150 psi maximum operating pressure. [Completed 9-1-06].

All above ground Jet A fuel transfer hardware and plumbing will be hydrostatically tested and approved to not leak at 100 psi maximum operating pressure (same rating as on underground plumbing) on a quarterly basis. The above ground transfer plumbing will be appropriately tagged identifying the last date that the hydrostatic testing had been completed and additionally signed by Arnie Warzon and/or Brad Goldapske. Under no circumstances will this plumbing be utilized unless it meets the quarterly hydrostatic inspection criteria.

Maritsa Goan
Senior Environmental Manager
Tyco Fire & Security
Marinette Operations
☎: 715-735-7411 ext-3403
☎: 715-735-7059
Cell: 715-330-0529
✉ mgoan@tycoint.com

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