

**State of Wisconsin - Department of Natural Resources
Substance Release Notification Report (SERTS)
Report created on 09/08/2009**

SPILL ID# 20090904NO16-1

Incident Date & Time: 09/04/2009 ALL DAY	Reported Date & Time: 09/04/2009 17:30	BRRTS No: 04-16-554107	Spill ID: 20090904NO16-1
DATCP Reported? No DATCP Transferred? No	NFA Letter Sent? No	ERP Transferred? No	Incident Closed? Yes : 09/08/2009

Location			
Region: NO	County: Douglas	Municipality: SUPERIOR, CITY OF	
Facility/Property Name and Street Address: MURPHY OIL REFINERY 2407 STINSON AVE		Description:	
Facility Type: Industrial Facility (Foundry/Factory/Plating/Manufacturing)			
Lat/Long:		PLSS:	WTM:
Weather Conditions: Sunny			

Responsible Parties			
Name/Address (1): MURPHY OIL REFINERY SAME AS ABOVE SUPERIOR, WI 54880- (715) 398-8453 x Primary	Contact: MARK DARBY ENVIRONMENTAL ENGINEER (715) 398-8453 x primary (218) 525-5848 x secondary	Other Contact:	Spill Packet:

Cause
DAMAGED CATALYST CONVERTER

Cause Type: Equipment Failure

Substances						
Name	Other / Comments	Amt Released	Amt Recovered	Type	Color	Odor
Industrial Chemical - Other	SULPHUR OXIDE (SO2)	500.0 lb	0.0 lb	GAS		

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

Cleanup Actions	
Method	Description

Cleanup Action Comments
NONE

Contractors Hired	
Name	Description

Waste Destinations	
Location	Description

Agencies Notified / On Scene		
Agency	Notified	On Scene
DNR	X	

Additional Comments

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SPILL ID# 20090904NO16-1

SO2 (SULPHUR DIOXIDE) HAS BEEN RELEASING CONTINUOUSLY THROUGHOUT THE DAY. AS OF 2AM ON 9/5/09 IT WILL EXCEED THE 500 LB LIMIT. EMISSION IS DUE TO CATALYST CONVERTER THAT NEEDS TO BE REPLACED. MURPHY OIL REFINERY MUST WAIT FOR THE CONVERTER TO COOL DOWN BEFORE IT CAN BE REPLACED. IN ANTICIPATION OF THE LEAK, MURPHY OIL REFINERY OBTAINED A DNR 436 APPROVAL TO EXCEED ALLOWED AMOUNT OF SO2. THE COMPANY WAS TOLD TO NOTIFY THE DNR WHEN THE EMISSION EXCEEDED 500 LBS. SAGER REFERRED TO WDNR AIR PROGRAM FOR FOLLOWUP. *** SUBMITTED VIA SERTS WEB FORM REF # 4603 REMOVE COMMENTS ENCLOSED BY (***) BEFORE CLOSING. RSC: THE SUBMITTED RELEASED AND RECOVERED AMOUNTS SUBMITTED THROUGH THE WEB FORM WERE: RELEASED AMOUNT: 500 RECOVERED AMOUNT: 0 PLEASE ADD THE CORRECT AMOUNTS TO THE SUBSTANCE RECORD ***

Enforcement Action/Citation

Enforcement Action/Citation? No

Case Activity Reports:

Person Reporting

Name	Representing / Address	Primary Phone	Secondary Phone
MARK DARBY	MURPHY OIL REFINERY	(715) 398-8453 x	(218) 525-5848 x

Contractors Hired

Name / Address	Zone Contractor Hired by DNR?
	No

Contacts

Role	Name	Office Phone	Date	Time
Prepared By:	DONNA LEIGHTON	(608) 261-6440 x	09/04/2009	
Person Notified:	JOHN KRULL		09/04/2009	
Investigated By:			09/04/2009	
Incident Commander:				
Spill Coordinator:	JOHN SAGER, NO Region	(715) 365-8959 x	09/08/2009	

Electronic Attachments (list)

Name	Type
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Sager, John E - DNR

From: Sager, John E - DNR
Sent: Tuesday, September 08, 2009 10:58 AM
To: Baudhuin, Neal E - DNR; O'Leary, Rhonda L - DNR
Subject: FW: WI SPILL #4603 SERTS ID 20090904NO16-1 - INDUSTRIAL CHEMICAL - OTHER

FYI.

-----Original Message-----

From: SERTS_SYSTEM@dnr.state.wi.us [mailto:SERTS_SYSTEM@dnr.state.wi.us]
Sent: Friday, September 04, 2009 9:11 PM
To: Sager, John E - DNR
Subject: WI SPILL #4603 SERTS ID 20090904NO16-1 - INDUSTRIAL CHEMICAL - OTHER

The following Substance Release Notification was submitted through the Wisconsin DNR Spill Electronic Reporting and Tracking System (SERTS) web form:

SERTS Spill ID:
20090904NO16-1

Date/Time Reported:
09/04/2009 17:30

Person Reporting (PR):
MARK DARBY
MURPHY OIL REFINERY
(715) 398-8453
(218) 525-5848

Date/Time Occurred:
09/04/2009 ALL DAY

Location:
NO REGION
DOUGLAS COUNTY
CITY OF SUPERIOR
MURPHY OIL REFINERY
2407 STINSON AVE

Responsible Party (RP):
MURPHY OIL REFINERY
SAME AS ABOVE
SUPERIOR
WI
54880
(715) 398-8453

RP Contact:
MARK DARBY
MURPHY OIL REFINERY
ENVIRONMENTAL ENGINEER
(715) 398-8453
(218) 525-5848

Substance:
INDUSTRIAL CHEMICAL - OTHER
SULPHUR OXIDE (SO2)
Released Amt: 500
Recovered Amt: 0
UOM: LB

Spill Cause:
DAMAGED CATALYST CONVERTER

Environmental Impact:
AIR EMISSION

Weather:
SUNNY

Contractor Hired:
NONE

Cleanup Method:
NONE

Additional Comments:
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Notified JOHN KRULL at ? by

This Email Also Sent To:
john.krull@wisconsin.gov

Form Completed by:
DONNA LEIGHTON
(608) 261-6440
donna.leighton@wisconsin.gov

The Immediate Responder should document their response by updating SERTS record 20090904N016-1 with additional information.