not on print out
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TO: J. HOSCH

PLEASE PRINT

State of Wisconsin Substance Release Notification Form

04-16-208478

24-Hour Emergency Hotline Number: 1-800-943-0003

Form 4400-91 Rev. 11-95

Date and Mil. Time of Incident 4-22-97 1400	Date and Mil. Time Reported 4-22-97 15:40

Person Reporting Bruce Jardine	Telephone # (715) 398-3533
Representing Agency, Firm, or Citizen Murphy Oil	
Responsible Party	
Contact Name Same	Telephone # ( )
Address Po Box 2046	City, State, Zip Code Superior Wi 54880

Substance Involved	Amount & Units Released	Amt. Recovered	Is this a 304 (11004 42 USC) spill?
#2 fuel Oil	10-15 gals		☐ Yes ☐ No ☐ Unknown

☐ Solid ☐ Semisolid ☑ Liquid ☐ Gas Color _____ Odor _____

Exact Location (inc. address, facility name, mileage, bldg. #, etc.)
2400 Spinsan Ave in the Refinery

City Superior	County Douglas	Lat/long
DNR Region NOR	Sec. T R (E/W)	Weather Cond.

Cause of Incident Gasket blew out of flange

Spilled Substance Impact To: Check (✓) all that apply	Spill Source:	Action Taken By Spiller
☐ Air ☐ Potential	☐ Transportation Accident, Fuel Supply Tank Spill	☐ No Action Taken
☑ Soil ☐ Potential	☐ Transportation Accident, Load Spill	☐ No Action Needed
☐ Groundwater ☐ Potential	☐ Industrial Facility ☐ Paper Mill ☐ Chemical Co.	☐ Monitor
☐ Surface Water ☐ Potential	☐ Ag Coop/Facility/Food Factory/Facility	☑ Cleanup Method: Vaccumed up
Name: _____	☐ Gas/Service Station/Garage/Auto Dealer, Repair Shop	☐ Waste Destination:
☐ Storm Sewer ☐ Potential	☐ Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler	
☐ Sanitary Sewer ☐ Potential	☐ Public Property (city, state, other, specify)	
☐ Concrete/Asphalt ☐ Potential	☐ Utility Co., Power Generating/Transfer Facility	☐ Containment
☐ Private Well ☐ Potential	☐ Private Property (home/farm)	☐ Contractor Hired
☐ Contained/Recovered	☐ Construction, Excavation, Wrecking, Quarry, Mine	Name: _____
☐ Other: _____	☐ Airport Facility ☐ Railroad Facility	
	☑ Other Gasket blew out	☐ Other: _____

Injuries? ☐ Yes ☑ No If yes, how many? ____ Has an evacuation occurred? ☐ Yes ☑ No Potential? ☐ Yes ☑ No

Are there any resource damages? ☐ Yes ☑ No ☐ Potential What kinds? _____

Other Agencies Notified (✓ first column if notified); Check (✓) both columns if on scene

☐ ☐ Fire Department/Hazmat	☑ ☐ Local DNR	☐ ☐ EPA	Incident Commander, if known:
☐ ☐ Local Law Enforcement	☐ ☐ Div. Emer. Gov.	☑ ☐ Nat'l Resp. Ctr. 800-442-8802	
☑ ☐ LEPC or Local Emer. Gov.	☐ ☐ DATCP 608-224-4500	☐ ☐ Chemtrec 800-424-9300	
☐ ☐ Regional Response Team	☐ ☐ DHSS 608-266-2830	☑ ☐ Other Enviro. Officer	Phone:

Prepared By: (Print) Shelley Magsamen (Sign) Shelley Magsamen Date: 4/22		Rpt'd to DATCP? ☐ Yes ☑ No
Person Notified: Jim Hosch	Region Notified: NOR Time: Fxd	Date: 4-22-97
Invstgtd By: (Print) (Sign)	Date:	Site Closed? ☐ Yes ☐ No
Spill Coordinator Signoff: Date:	Transferred to ERP? ☐ No ☐ Yes; Case # _____	NFA Letter Sent? ☐ Yes ☐ No
		Spill Packet Sent? ☐ Yes ☐ No

☐ Additional Comments on Reverse

MURPHY
OIL USA, INC.

SUPERIOR REFINERY
P O BOX 2066
SUPERIOR WISCONSIN 54880

RECEIVED
APR 25 1997
DNR SUPERIOR

April 24, 1997

Mr. James A. Hosch
Wisconsin Department of Natural Resources
1705 Tower Avenue
Superior, WI 54880

RE: No. 2 Fuel Oil Release
Tank 38 Dike Area

Dear Mr. Hosch:

This letter is to provide details of the release of No. 2 fuel oil that occurred April 22, 1997, at approximately 1400 hours. As reported in the original notification made by telephone to the WDNR, the release was a result of the failure of a flange gasket on a transfer line within the tank diked containment area. This gasket failed due to high pressure inside the transfer line. A relief valve that normally would have relieved the line pressure was blocked in and therefore could not relieve the line pressure as designed.

The amount of material was estimated to be 10 gallons. All released materials were contained within the dike area of the tank. At no time was there any possibility of this material contacting ground water or of the material moving off site. At the time of the spill, the clay soil was moist with no standing water in the area.

This tank is located on the refinery property which is at 2400 Stinson Ave., Superior, WI. The map coordinates for the refinery are NW¼, NW¼, Sect. 36, T 49N, R 14N.

Clean-up activities commenced immediately after discovery of the release. The location of the spilled material was underneath a pipe rack that ran through the diked area. Since the amount of spilled material was relatively small and the location inaccessible for realistic use of a vacuum hose or a backhoe, the spilled material and impacted soil were washed from the area using a water hose. This material was then collected and reintroduced into the refinery processing equipment by way of the #1 API Separator after having settled out the soil from the liquids. This allows the fuel to be recovered through the refinery's slop oil system and the water from the area to be processed through the refinery's waste water treatment plant.

SPUR

The amount of soil excavated is estimated to be less than 1 yard. The excavated materials will be stored in the contaminated soil storage building until arrangements for disposition are made. Typically, contaminated soils are disposed of at a local asphalt plant in an asphalt roaster.

In an effort to prevent contamination at this site in the future from mechanical failures such as those that resulted from this spill, the relief valve has been chained and locked open. All other similar installations in the tank farm are being checked to ensure that they are also chained and locked open.

Due to the existing site conditions, the type of material and quantity involved, and the immediate clean-up and ongoing remedial response at the site, Murphy Oil USA believes that obligations and requirements under the pertinent NR 700 series Wisconsin Administrative Code standards have been met.

Please contact me at (715) 398-8255 if you have any questions or comments in this regard.

Sincerely,

Mark H. Miller
Manager, Safety and Environmental Control

mm106

cc: F. Green
J. Britt
R. Lewandowski
J. Kowitz

MURPHY
OIL USA, INC.

SUPERIOR REFINERY
P O BOX 2066
SUPERIOR WISCONSIN 54880

RECEIVED
MAY 01 1997
DNR SUPERIOR

April 30, 1997

Mr. James A. Hosch
Wisconsin Department of Natural Resources
1705 Tower Avenue
Superior, WI 54880

RE: No. 2 Fuel Oil Release
Tank 38 Dike Area

Dear Mr. Hosch:

This letter is to provide details of the release of No. 6 fuel oil that occurred April 25, 1997, at approximately 1400 hours. As reported in the original notification made by telephone to the WDNR, the release was a result of the failure of a seal on a transfer pump within the tank dike containment area. This seal failed due to high pressure inside the pump resulting from a nitrogen purge which was being used to clear the fuel oil loading lines so that maintenance could be performed on one of the block valves on the system.

The amount of material was estimated to be 40 gallons. All released materials were contained within the dike area of the tank. At no time was there any possibility of this material contacting ground water or of the material moving off site. At the time of the spill, the clay soil was moist with no standing water in the area.

This tank is located on the refinery property which is at 2400 Stinson Ave., Superior, WI. The map coordinates for the refinery are NW¼, NW¼, Sect. 36, T 49N, R 14N.

Clean-up activities commenced immediately after discovery of the release. The location of the spilled material was in the dike containment area for the Tanks #51 and #52.

The amount of soil excavated is estimated to be approximately 5 yards. The excavated materials will be stored in the contaminated soil storage building until arrangements for disposition are made. Typically, contaminated soils are disposed of at a local asphalt plant in an asphalt roaster.

Since the site of this release overlaps with sites of two previous spills reported earlier

this year, the final clean-up and any follow up required at this site will be combined with the final remediation activities at the other sites. Any further actions necessary in this area will be transmitted to you at the completion of these activities.

Due to the existing site conditions, the type of material and quantity involved, and the immediate clean-up and ongoing remedial response at the site, Murphy Oil USA believes that obligations and requirements under the pertinent NR 700 series Wisconsin Administrative Code standards have been met.

Please contact me at (715) 398-8255 if you have any questions or comments in this regard.

Sincerely,

Mark H. Miller

Mark H. Miller
Manager, Safety and Environmental Control

mm107

cc: F. Green
R. Lewandowski
J. Kowitz