

## Sager, John E - DNR

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**From:** Matt Turner <matt.turner@calumetspecialty.com>  
**Sent:** Wednesday, June 28, 2017 11:14 AM  
**To:** Sager, John E - DNR  
**Subject:** SERTS ID 20170515NO16-1  
**Attachments:** 051517 NR708.05(6)(a) Immediate Action Report.pdf

John,

Attached is the Immediate Action Report required under NR708.05 for SERTS ID 20170515NO16-1. I will submit the final report under NR708.09 once desired confirmation sampling results are obtained following further contaminated soil removal from the site.

Thanks,

Matt Turner  
Environmental Engineer  
Calumet Specialty Products  
Superior, Wisconsin Refinery  
Office: (715) 398-8434  
Cell: (715) 969-4873





2407 Stinson Avenue Superior, WI 54880  
Phone: 715-398-3533 Fax: 715-398-8209 www.calumetspecialty.com

June 28, 2017

John Sager  
Hydrogeologist Program Coordinator  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
1701 N 4<sup>th</sup> St  
Superior, WI 54880

Re: Crude Oil Release SERTS ID 20170515NO16-1

Dear Mr. Sager,

Please find the attached report regarding the immediate action taken in response to the slop oil release reported the WDNR on Monday, May 15, 2017 as required under NR 708.05(6)(a).

It should be noted that Calumet is not requesting no further action at this time. Calumet is currently conducting contaminated soil removal from the site and there is still a known amount that needs to be removed. In some sections of the release area, soil sampling has been conducted and the results have been promising. It is Calumet's intention to continue excavating the area until desired sampling results are obtained. At that point, Calumet will then request no further action be taken. Due to the large area affected by the spill and the varying weather conditions that hinder progress, this may take some time.

If you have any additional questions, please feel free to contact me at (715) 398-8434.

Thank you,

Matt Turner

Environmental Engineer

## NR708.05(6)(a) Immediate Action Report

708.05(6)(a) Unless par. (b) is applicable or unless otherwise directed by the department, responsible parties shall prepare and submit written documentation to the department describing the immediate actions taken at their site or facility and the outcome of those actions, within 45 days after the initial hazardous substance discharge notification is given to the department in accordance with the requirements of ch. NR 706.

1. 708.05(6)(c)1 A statement expressing the purpose of the submittal and the desired department action or response.

The purpose of this submittal is to comply with the written documentation requirements under NR 708.05(6) describing the immediate action taken following a hazardous substance discharge. Calumet requests that the department deem this report acceptable to fulfill the requirements of NR 708.05(6).

While most of the visible contamination has been removed from the area, free product was able to permeate into the soil of the tank dike. Calumet has conducted soil sampling at certain areas the site to see if excavation to date has been sufficient and, while some of the results have been promising, further soil removal is needed in a large portion of the affected area. Calumet is requesting the WDNR allow the spill to remain open until confirmation sampling results are obtained to ensure the site is clean. Once the immediate response action is completed, Calumet will submit the required report under NR 708.09.

2. 708.05(6)(c)2 Name, address and telephone number of the responsible parties.

**Name:** Calumet Superior, LLC

**Address:** 2407 Stinson Ave., Superior, WI 54880

**Phone:** (715) 398-3533

3. 708.05(6)(c)3 Location of the site or facility, or discharge incident, including street address; quarter–quarter section, township, range, and county; and the location information specified in s. NR 716.15 (5) (d); latitude and longitude, and legal description of lot, if located in platted area.

**Street Address:** 2407 Stinson Ave., Superior, WI 54880

**Coordinates:** NW ¼ of the NW¼ of Section 36, Township 49 North, Range 14 West, Superior Township of Douglas County.

**WTM Coordinates:** X:361,865  
Y:692,333

4. 708.05(6)(c)4 Any information required under ch. NR 706 that has not been provided to the department previously.

Information required under NR 706 was supplied to the Division of Emergency Management with the Initial Discharge Notification required under NR 706.05(1)(b). To ensure all information is provided, please see attachment A for a summary of the information initially reported.

5. 708.05(6)(c)5 The type of engineering controls, treatment or both and the effluent quality of any permitted or licensed discharge.

The discharge was controlled utilizing earthen berms required by the Spill Prevention, Control, and Countermeasure (SPCC) regulation as required by Title 40 of the Code of Federal Regulation Part 112.

Effluent stormwater is regulated under the Department of Natural Resources general permit for Tier 1 industrial Facilities (WPDES Permit No. WI-S067849-3) and under the facilities WWTP (Permit No. 0003085-08-0).

Any deviations from permitted conditions and/or limits under either permit are reported as required by the respective permit.

6. 708.05(6)(c)6 The type, total volume and final disposition of the discharged hazardous substance and contaminated materials generated as part of the immediate action, including legible copies of manifests, receipts and other relevant documents.

**Type of Material Spilled:**

Crude Oil

**Total Volume:**

144 Gallons

**Final Disposition:**

Calumet intends to continue with further excavation of contaminated soil before conducting additional soil sampling. Due to the size of the affected area, fluctuating weather conditions that affect excavation (water accumulation), and some structural impediments in the area (pipe racks & stairs), more time will be needed to sufficiently clean the area. Once desired sampling results are obtained, Calumet will then request no further action be taken.

All excavated material is stockpiled at Calumets' Solid Waste Storage Facility (License No. 4062). It is stored there until adequate quantities are reached to schedule shipment.

All recovered product is re-inserted into the refining process.

All recovered water is treated on-site at the facilities WWTP (Permit No. 0003085-08-0).

# Attachment A

## NR 706.05 Hazardous Substance Discharge Notification Form

## NR 706.05 Hazardous Substance Discharge Notification Form

(c)(1) Person Reporting

Name: Matt Turner  
Address: 2407 Stinson Ave, Superior, WI 54880  
Phone: 715-398-8434

(c)(2) Owner/Discharger

Name: Calumet Superior, LLC  
Address: 2407 Stinson Ave, Superior, WI 54880  
Phone: 715-398-3533

(c)(3) Discharge Information

Date: 5/15/2017  
Time: 14:00  
Duration: 4.9 hours

(c)(3m) Discharge Location (WTM Coordinates)

X: 361,865  
Y: 692,333

(c)(4) Discharge Material

Identity: Sweet Crude Oil  
Physical State: Liquid  
Quantity: 144 gallons

(c)(5) Discharge Characteristics

Physical: Liquid  
Chemical: Raw sweet crude oil  
Hazardous: Combustable  
Toxicological: Low Toxicity

(c)(6) Cause

Cause: Mixer seal failure

(c)(7) Response Action

Action Taken: Cleaned impacted soil/water and cleaned affected containment  
Contractor(s): JR Jensen, WCS, Stack Brothers, Jeff Foster Trucking

(c)(8) Movement

Source: Mixer seal failure  
Speed: <1 MPH  
Destination: Settled on a pervious surface after secondary conatinent overfilled

(c)(9) Impacts

Human Health: None know at this time  
Environmental: Contaminated soil  
Water Supplies: None know at this time

(c)(10) Weather

Precipitation: Mild drizzle  
Wind Direction: E  
Velocity 5-10 MPH

(c)(11) Other Agencies on-scene

Agencies: \_\_\_\_\_

## Sager, John E - DNR

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**From:** DeVenecia, Eric R - DNR  
**Sent:** Friday, July 14, 2017 8:44 AM  
**To:** Sager, John E - DNR  
**Cc:** Jacobson, Matthew J - DNR; Snowbank, Sheri A - DNR  
**Subject:** RE: Tank 25 dewatering proposal

Hello,

Based on our conversation and reviewing the proposal, I understand the project to include segregating the clean area from dirty area .

- The dirty area will continue to be managed using protocols Calumet uses from their site management plan for cleaning up spills within secondary containment structures. Water will be brought to the on-site WWTP for treatment. Nothing more needed from wastewater side of things.

- The clean area will be allowed to discharge through the normal stormwater outfall via gravity. Calumet plans to place some additional BMPs at the outfall structure as precautionary measure. Nothing more needed from wastewater side of things.

Thanks for the discussion.

Eric

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**Eric de Venecia, P.E.**

Phone: (715) 685-4155

[eric.devenecia@wi.gov](mailto:eric.devenecia@wi.gov)

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**From:** Sager, John E - DNR  
**Sent:** Tuesday, July 11, 2017 2:09 PM  
**To:** DeVenecia, Eric R - DNR  
**Cc:** Jacobson, Matthew J - DNR  
**Subject:** RE: Tank 25 dewatering proposal

Hi Eric,

Calumet had a spill within their tank 25 tank basin. Calumet has remediated a portion of the basin but they are having trouble managing the new accumulation of storm water. The attached plan proposes separating the area of the containment that has already been cleaned up and begin discharging that storm water and continue to recover and treat waster from the area of the containment that still needs remediation. Matt Jacobson and I discussed the plan and we have do not have technical issues with it. We are wondering if the general Pit Trench Dewatering Permit covers this activity or if Calumet would need to obtain additional permit(s)?

Matt,

Please reply and add to this if I missed anything.

Thanks.

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**John Sager**

Phone: (715) 392-7822

[John.sager@wisconsin.gov](mailto:John.sager@wisconsin.gov)

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**From:** Matt Turner [<mailto:matt.turner@calumetspecialty.com>]

**Sent:** Thursday, June 29, 2017 3:35 PM

**To:** Jacobson, Matthew J - DNR

**Cc:** Sager, John E - DNR

**Subject:** Tank 25 dewatering proposal

Hey Matthew,

Thank you for taking the time to discuss our dewatering proposal today as well as providing me with the technical information for filtration bags.

I have attached a pdf depicting both the history of the release site and our proposal to dewater the cleaned area of the excavation. John Sager is up to date on our progress at the site and can fill you in if you have any questions for him.

Please let me know if you have any questions for me or further recommendations.

Thanks,

Matt Turner

Environmental Engineer

Calumet Specialty Products

Superior, Wisconsin Refinery

Office: (715) 398-8434

Cell: (715) 969-4873



**From:** Sager, John E - DNR  
**To:** "Matt Turner"  
**Cc:** [Jacobson, Matthew J - DNR](#); [Eric DeVenecia \(eric.devenecia@wisconsin.gov\)](#); [David Beattie](#); [Mark Darby \(Mark.Darby@calumetspecialty.com\)](#)  
**Subject:** RE: Tank 25 dewatering proposal  
**Date:** Friday, July 14, 2017 8:46:00 AM

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Matt,

I reviewed your plan for dewatering the tank 25 containment area and I also had our wastewater folks, Matt Jacobson and Erik DeVenecia look it over as well. The plan appears acceptable. Please keep me updated on the status of the cleanup and contact me if you have any questions or need to discuss this further.

Thank you.

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**John Sager**

Phone: (715) 392-7822

[John.sager@wisconsin.gov](mailto:John.sager@wisconsin.gov)

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**From:** Matt Turner [<mailto:matt.turner@calumetspecialty.com>]  
**Sent:** Thursday, June 29, 2017 3:35 PM  
**To:** Jacobson, Matthew J - DNR  
**Cc:** Sager, John E - DNR  
**Subject:** Tank 25 dewatering proposal

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Please let me know if you have any questions for me or further recommendations.

Thanks,

Matt Turner  
Environmental Engineer  
Calumet Specialty Products  
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