

From: [Sager, John E - DNR](#)
To: [DNR DL NOR SIGNIFICANT SPILL](#)
Subject: Superior Refining Co Fire Update
Date: Saturday, May 5, 2018 10:23:00 AM
Attachments: [Incident Action Plan - Period 5.pdf](#)
[Superior Oil Refinery General Health Questions.final.pdf](#)
[Preliminary Perimeter Air Monitoring Results - Superior Refining Company - PRELIMINARY ~COR-11156937~.msg](#)
[Community Air Monitoring Results - Superior Refinery ~COR-11156937~.msg](#)
[SRC Map 5-5-18 for Sig Spill Update.pdf](#)

Below is an update on activities yesterday, May 4th and this morning:

- A final asbestos response plan was completed on May 4th. Following approval, contractors are recovering debris downwind of the refinery.
- The refinery made progress recovering fuel oil from the tank #54 basin. Tank #54 is located near the tank that was punctured causing the asphalt release at Tank #101 (see attached map). The fuel oil recovery efforts will continue this weekend.
- Power to the Wastewater Treatment Plant (WWTP) was restored on May 4th. Following restoration of power the WWTP began recirculating water from the retention ponds to assist in reestablishing biological activity within the WWTP. There is no discharge from the WWTP now or planned in the next few days.
- Superior Refining is working a plan for treatment of water collected in the retention ponds on site.
- Work has begun to restore power to the main oil/water separator (API Separator). This separator is used to treat wastewater that collects within the footprint of the refinery before it is pumped to the WWTP.
- DNR has received the initial water sample results from Newton Creek and are evaluating the results. Superior Refining is maintaining booms at six locations on Newton Creek and DNR has inspected the Creek daily since the fire. Petroleum sheen was observed in the 21st Street impoundment. Superior Refining is taking actions to control sheening in the impoundment.
- The DNR received and commented on a Wildlife Management Plan for deterrence efforts. Superior Refining has hired a private contractor to assist in wildlife control.
- One dead oiled bird (Starling or Grackle) was found in the Tank #54 basin. There have been no other reports of oiled wildlife May 4th or today. Earlier last week a deer waded through the oiled area near Tank #54.
- Spilled asphalt removal is beginning within the footprint of the refinery to allow for mobilizing construction equipment necessary for stabilizing refinery infrastructure.
- Community and perimeter air monitoring continues (see attached).
- Questions have been raised by the public about the health risks of soot deposition from the fire. DHS and Douglas County Health Department released a fact sheet on this topic (see attached).
- Also attached is the latest air monitoring results.

Please contact me at (715) 490-0123 if you would like additional information.

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John Sager

Hydrogeologist – Remediation and Redevelopment Program

Wisconsin Department of Natural Resources

1701 N. 4th St.

Superior, WI 54880

Phone: (715) 392-7822

Fax: (715) 392-7993

john.sager@wisconsin.gov



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