

Spill Notification for WRR Environmental Services Co., Inc.

EPA ID# WID990829475

FID# 618026530

WI SPILL# 11513

ID 20170522WC18-1 – Other: Waste Paint

Per Condition 86 of WRR Environmental Services' current Feasibility and Plan of Operations Report (FPOR), WRR is making the following spill report to the Department's designated Hazardous Waste Inspector assigned to WRR, to the Department's designated Hazardous Waste plan review staff person assigned to WRR and to the Department's designated Spills Coordinator.

This notification, required by Condition 86 of the WRR FPOR and NR 706.05(1), contains the following information to the extent practicable or applicable:

1. Name, address, and telephone number of the person reporting the discharge.

Becky Anderson – Director of Compliance
WRR Environmental Services Co., Inc.
5200 Ryder Road
Eau Claire WI 54701

2. Name, address, and telephone number of the discharger, or owner and operator of the UST system and any other potentially responsible persons.

WRR Environmental Services Co., Inc.
5200 Ryder Road
Eau Claire WI 54701

3. Date, time, and duration of the discharge.

May 21, 2017 @ 3:30 pm 60 minutes

Location of the discharge including street address, county, town, city or village

WRR Environmental Services Co., Inc.
5200 Ryder Road
Eau Claire WI 54701

Town of Washington

4. Identity, physical state, and quantity of the material discharged.

30 gallons of a waste flammable solvent mixture was discharged inside the Fuels Building from a piece of process equipment called a Hydropulper.

5. Physical, chemical, hazardous, and toxicological characteristics of the substance.

The material that spilled is hazardous due to flammability with a flash point of less than 73 F carrying D001, F003, F005 waste codes among others

6. Cause of the discharge.

The hydropulper was filled on third shift on Friday 5/19. The release was not discovered until the afternoon of Sunday 5/21. The most likely reason for the delay is thermal expansion. As the material sat over the weekend, the temperature most likely increased a few degrees causing the material to expand. This expansion was enough to allow material to come into contact with the top nozzles and the top flange. The nitrogen blanket supplied the pressure to force material out. When the material "sealed" a nozzle, the pressure forced the material through.

The hydropulper may have been filled past the high level cutoff. The high level cutoff is run intrinsically safe through a Stahl remote I/O barrier system. The system that receives this, and other hydropulper inputs, is primarily used for inputs to the E-23 Thin Film Evaporator and is located at the E-23 control station. This system was experiencing issues on the days leading up to the incident, starting Thursday 5/18. The data transmitted by the Stahl system shifted by two addresses in the PLC. The data shift caused the PLC to not receive the correct inputs. The issue was corrected on Saturday 5/20. The hydropulper and E-23 were both tested on May 20th to verify the issue had been resolved. No leak was noticed on the hydropulper at that time.

7. Immediate actions being taken and the name of the contractor or other person performing the action.

The release was discovered by weekend security who called the on-call plant personnel. When WRR personnel arrived and the situation assessed, approximately 225 gallons of material was pumped from the process equipment to a tanker to reduce the volume in the hydropulper.

The material was cleaned up with clay based absorbent and absorbant pads. The absorbent was added to an open top drum and labeled as WRR generated waste.

On-site WRR personnel cleaned up the spill with a shovel and broom.

8. Source, speed of movement, and destination or probable destination of the discharged hazardous substance.

The spill area covered 50 ft² at the time of clean up and was contained to the building. The spill didn't impact unpaved ground or the WRR stormwater collection system.

9. Actual or potential impacts to human health or the environment, including actual or potential impacts to drinking water supplies.

No drinking water supplies were impacted by the spill. Air emissions from the spill were minimized since the discharge was not affected by atmospheric conditions at the time of the release.

10. Weather conditions existing at the scene, including presence of precipitation and wind direction and velocity.

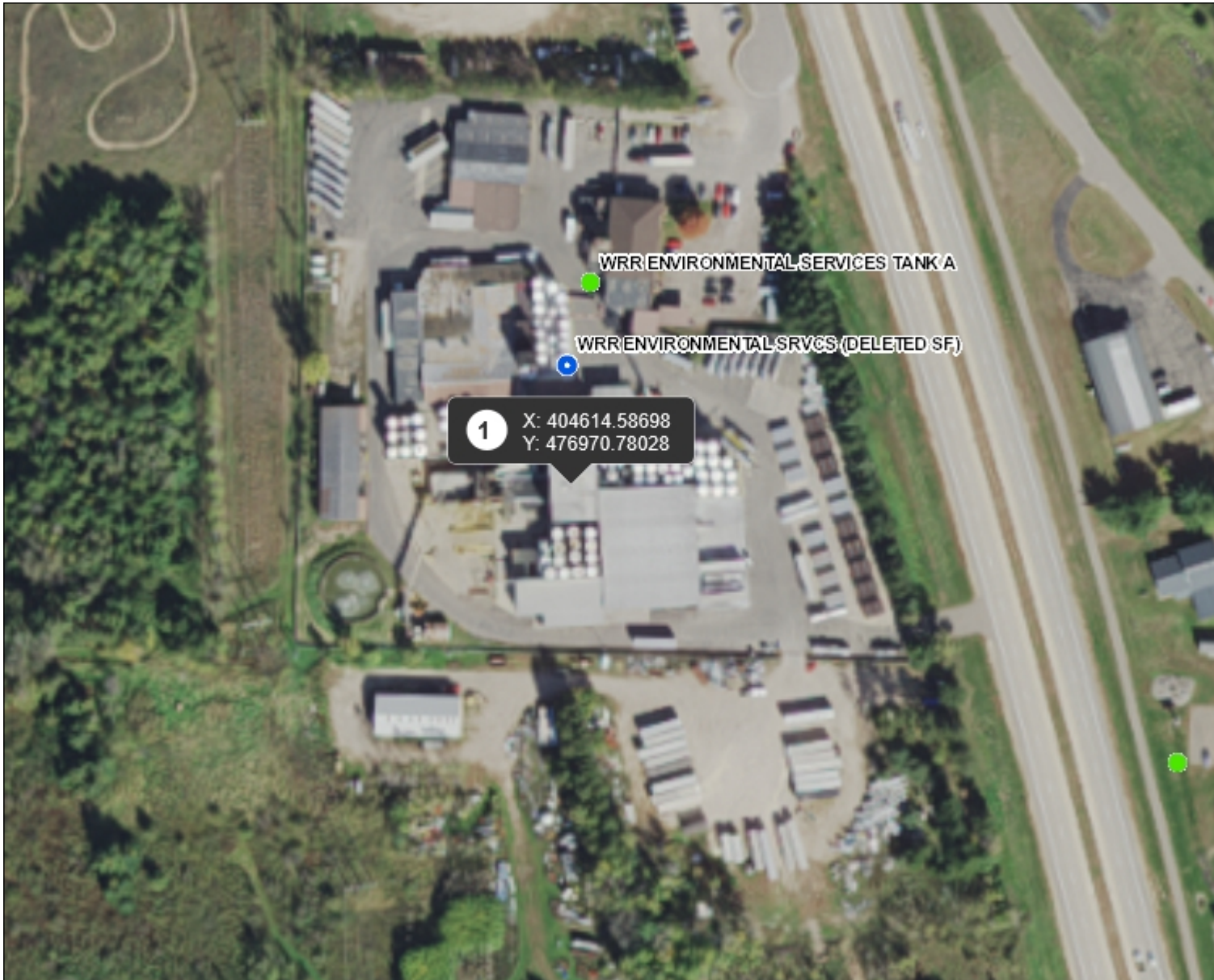
The spill occurred inside a building; the weather didn't hinder the clean up.

11. Other agencies on-scene during the discharge incident.

No agencies were on-site during the discharge or clean-up.



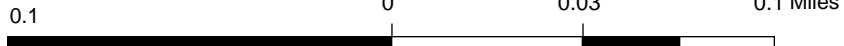
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Legend

- Open Site (ongoing cleanup)
- Closed Site (completed cleanup)
- Municipality
- State Boundaries
- County Boundaries
- Major Roads**
- Interstate Highway
- State Highway
- US Highway
- County and Local Roads**
- County HWY
- Local Road
- Railroads
- Tribal Lands

Notes



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