

Red Hills Landfill Update

August 2022

General Overview

Construction on Phase 6 sequence 2 is progressing well. In the next 45 days we will be installing the clay liner, the leachate collection system, and the new leachate tank.

We expect the west module to be full by the end of the month, and will move to the east module for filling. In the month of July, we brought 18,000 tons of drying bed sludge to the center module of Phase 6. This sludge and the disturbance of the crust on the center module is the most likely reason for the increase in odors from the landfill.

Ahlstrom-Munksjo has recently come out with a corporate sustainability goal of zero waste to landfill by 2030. They have been asking questions to understand, and are providing resources to help with potential end uses.

Surface Condition

Below are some pictures from this week at the landfill. Rains last weekend have some surface water, but we are working to bring that down as quickly as possible.

- By the end of August, we expect to be placing sludge in the east module
- Mill expects to place sludge in phase 5 this winter, and begin to place sludge in the newly constructed sequence 2 next spring. This should allow for the crust to form and minimize the crust disturbance on Sequence 1.

West Module Phase 6 Sequence 1

June



August



Center Module Phase 6 Sequence 1

June



August



East Module Phase 6 Sequence 1

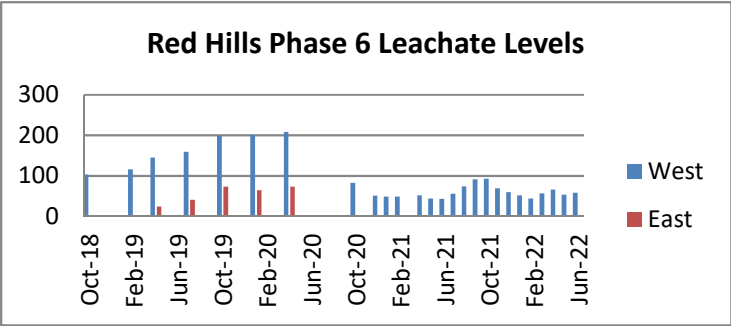
April



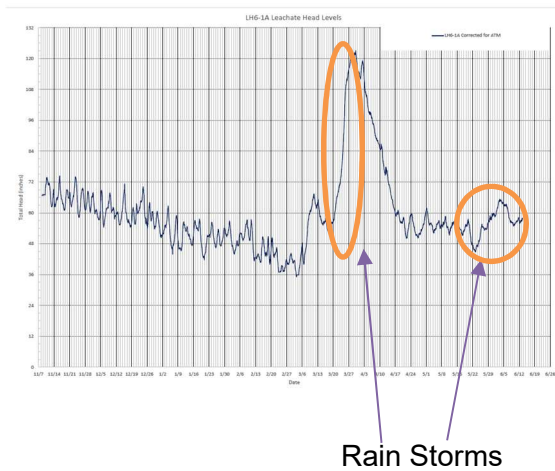
June



Leachate Management (Results not in yet for Aug)



Phase 6 West Leachate Level Nov-June



New Leachate Collection System

Construction is going well. Foundations will be poured in the next couple of week. The final system will be installed in September and early October.



Haas Road Berm

The berm on Haas road was raised in a couple of areas and additional trees were planted. In addition, the landscape crew removed the scrub brush and small trees from the ditch.



Phase 6 Sequence 2 Construction

Phase 6 Sequence 2 project is going well. The contractor is getting to the sub-base grades. Construction of the site should be complete by early October. The design was modified from Phase 6 Sequence 1 to include:

- Smaller overall footprint to reduce collection of rainwater
- Internal berm to promote stability
- Increased diameter of leachate piping
- Increased number of leachate collection lines
- Continuous leachate level monitoring

8/9/22



8/11/22



On July 26th, the environmental department organized a river bank clean-up alongside Thilmany road.

20+ Volunteers from the Ahlstrom Munksjo helped with this clean up, and ended up picking over 180 lbs of trash!

Thanks to the City of Kaukauna Street Department for the traffic signs.

