

# Red Hills Landfill Update

## May 2023

### General Overview

Work continues at Red Hills to reduce odors. The DNR has approved Phase 6 sequence 2, and the plan would be to start putting waste in the sequence in July or August. This sequence has the designed changes to increase the ability to remove leachate quickly.

Significant progress made this spring on the leachate level in Phase 6, and the surface leachate on the center module. We are working with the City of Kaukauna and the Heart of the Valley to maximize removal without causing issues with the system.

### Surface Condition

Below are some pictures from this week at the landfill. The west module is in good condition, the east module is building a crust as expected, and the focus is on the surface leachate. We have pumping for multiple weeks out of the center module, and have dropped the level by more than 3' in the center module. We are working with the Heart of the Valley to determine next steps for the center cell leachate. Currently most material is being placed in the center module. Once we start using sequence 2, the surface of sequence 1 should remain undisturbed.

West Module Phase 6 Sequence 1 (At this point this module is full)



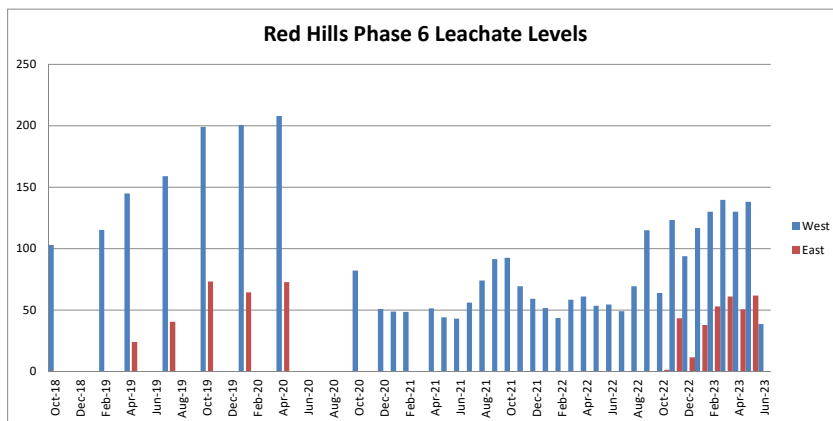
Center Module Phase 6 Sequence 1 (Surface sump has been rebuilt for improved operation)



East Module Phase 6 Sequence 1 (This module is nearly full, and surface sump has been rebuilt)



## Leachate Management



Leachate levels climbed last fall and into early winter, but as of May 30<sup>th</sup> they were back down. The west of the landfill was at 38.7" and the east was at 0". In March, almost 3.3 million gallons were pumped to the HOV. This is almost 2 million more gallons than the monthly average of '21 & '22. We have been working with the city to ensure the sewer system is not overwhelmed.

## New Leachate Collection System

Construction is complete. Some final connects for the VFD should be completed this month. This will allow the site to pump higher flows of leachate at night, and reduce when the residential flow is higher. The rain water that has collected in Sequence 2 is being pumped out of Sequence 2 before it is placed into service.

## Contact Information

Thilmany has hired a new Environmental Manager for the facility. Aimee McClure came to Thilmany from Oshkosh Corporation, and has over 25 years of experience in the environmental field. See can be reached by email at [aimee.mcclure@ahlstrom.com](mailto:aimee.mcclure@ahlstrom.com) or by phone at 920-766-8235.