



Quarterly Progress Report – June 2025, Closed Snipes Mountain Landfill

Facility site ID: 501; Cleanup Site ID: 3402, Agreed
Order No. DE 22514

Project:	Closed Snipes Mountain Landfill RI/FS		
Our reference:	518300030-003		
Prepared by:	Eric Cutler, LHG	Date:	June 20, 2025
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Subject:	Quarterly Progress Report – June 2025		
To:	Luke LeMond, LHG Department of Ecology - Central		

This quarterly progress report summarizes completed work and upcoming work at Yakima County Public Services' closed Snipes Mountain Landfill (Snipes Landfill) located in the vicinity of 1150 Luther Road, Sunnyside, WA 98944 (Facility site ID: 501; Cleanup Site ID: 3402) as required by the Agreed Order (DE 22514).

During the last quarter, between March 20, 2025 and June 20, 2025, the following activities have occurred, and work has been performed:

1. Results letters for 2025 Q1 offsite well sampling results were communicated to associated property owners and tenants on April 29, 2025. Ecology and Yakima County Health District were notified of an exceedance of the Maximum Contaminant Level for PCE in two of the offsite wells on April 29, 2025. The following actions were performed in response to the MCL exceedances:
 - On May 6, 2025, point of use filter spigot attachments were ordered by Yakima County for installation at the DNR House sampling point and other yard spigots to mitigate potential exposure. Yakima County also inquired with the homeowners and tenants about signage at the spigots. Those conversations are ongoing, and updates will be provided to Ecology and Yakima Health District in 2025 Q3.
 - Preliminary evaluation of point of entry treatment systems and coordination with treatment vendors is ongoing. A memorandum detailing actions taken and potential treatment options will be provided in 2025 Q3.
2. The second quarterly round of RI groundwater sampling, offsite sampling, and routine landfill gas monitoring is planned for June 24 and 25, 2025. Details for the upcoming Q2 sampling are provided below:
 - Offsite wells will be sampled for volatile organic compounds (VOCs), dissolved metals, chloride, sulfate, alkalinity, total suspended solids, and field parameters (i.e. pH, conductivity, DO, ORP, temp). The following offsite locations will be sampled:
 - DNR house spigot (fed from Luther well)
 - OL Luther well
 - Onsite wells north of the anticline (SMW-1, SMW-4, SMW-5s, and SMW-5d) will be

sampled for Appendix I, II, III, PFAS, and 1-4-Dioxane, in accordance with the approved RI Work Plan.

- Onsite well SMW-2 will be sampled for MFS parameters: volatile organic compounds (VOCs), dissolved metals, nitrite/nitrate, total organic carbon (TOC), chemical oxygen demand (COD), ammonia (NH₃), chloride, sulfate, and field parameters (i.e. pH, conductivity, DO, ORP, temp).
 - Routine landfill gas sampling.
3. Landfill gas was tested for hydrogen sulfide on March 10, 2025, in preparation for RI gas composition sampling and results were non-detect. RI landfill gas composition sampling was performed on April 24, 2025 during a low-pressure system.
 4. A meeting was held with Yakima County Health District and Ecology on March 10, 2025 to discuss the proposed locations and depths for installation of additional monitoring wells as part of the RI. A well installation work plan is currently being developed and will be submitted to Yakima County Health District and Ecology for review in July 2025.

During the next quarter, from June 20, 2024, to September 20, 2025, the following work is anticipated:

1. Q2 2025 expanded analyte groundwater monitoring, including geochemical parameter collection, Appendices I, II, and III, PFAS, and 1,4-dioxane at SMW-1, SMW-4, SMW-5s, and SMW-5d.
2. Offsite well sampling of VOCs and geochemical parameters at the DNR House spigot and OL Luther well.
3. Routine onsite well sampling of MFS parameters at SMW-2.
4. Routine landfill gas sampling.
5. Development and submittal of Work Plan to cover additional groundwater monitoring well installation and shallow borings for septage lagoon soil sampling as part of the RI.
6. Water-level transducer data collection and manual water level measurements at SMW-1.
7. Updates to 3-D geologic model.
8. Development of leachate production model.

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