



Quarterly Progress Report – March 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		
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Subject:	Quarterly Progress Report – March2025		
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 December 20, 2024 and March 20, 2025, the following activities have occurred, and work has been performed:

1. Ecology approved draft Remedial Investigation (RI) Work Plan on January 17, 2025. The final RI Work Plan was submitted to Ecology on January 21, 2025.
2. Results letters for 2024 Q4 offsite well sampling results were communicated to associated property owners and tenants on February 14, 2025. Ecology and Yakima County Health District were notified of an exceedance of the Maximum Contaminant Level for PCE in one of the offsite wells on February 14, 2025.
3. The first quarterly round of RI groundwater sampling, offsite sampling, and routine landfill gas monitoring was conducted on February 26 and 27, 2025. Details for the Q1 sampling are provided below:
 - Offsite wells were sampled for volatile organic compounds (VOCs), dissolved metals, chlorine, sulfate, alkalinity, total suspended solids, and field parameters (i.e. pH, conductivity, DO, ORP, temp). The following offsite locations were 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) were sampled for Appendix I, II, III, PFAS, and 1-4-Dioxane, in accordance with the approved RI Work Plan. Laboratory was unable to perform analysis of 2,6,-dichlorophenol this quarter.
 - Solinst Levellogger unvented water-level transducer data from site monitoring wells SMW-4, SMW-5s, and SMW-5d and barometer data was collected. Weekly manual measurements were collected at SMW-1.

- Routine landfill gas sampling.
4. Summa consists to perform RI landfill gas composition sampling were ordered on March 11, 2025. Landfill gas was tested for hydrogen sulfide on March 10, 2025 and results were non-detect. Gas composition sampling is planned for early April 2025 and will target a date during a low pressure weather system.
 5. 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 will be developed in Q2 and Q3 2025 targeting installation in Q3 or Q4 2025.

During the next quarter, from March 20, 2024, to June 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 at the DNR House spigot and OL Luther well.
3. Routine landfill gas sampling.
4. Landfill gas composition sampling along the gas extraction system.
5. Water-level transducer data collection and manual water level measurements at SMW-1.
6. Updates to 3-D geologic model.
7. Development of leachate production model.

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Quarterly Progress Report - December 2024, Closed Snipes Mountain Landfill

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