



# Quarterly Progress Report - December 2024, Closed Snipes Mountain Landfill

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

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<b>Project:</b>	Closed Snipes Mountain Landfill RI/FS		
<b>Our reference:</b>	518300030-003		
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<b>Subject:</b>	Quarterly Progress Report – December 2024		
<b>To:</b>	Luke LeMond, LHG Department of Ecology - Central		

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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 September 20 and December 20, 2024, the following activities have occurred, and work has been performed:

1. We submitted the revised agency review draft RI work plan to Ecology on December 13, 2024 based on Ecology comments received on September 30, 2024.
2. Quarterly MFS groundwater sampling and routine landfill gas monitoring per WAC 173-304-490 was conducted the week of November 18, 2024. A sample was unable to be collected at SMW-1 due to low water levels.
3. During the week of November 18<sup>th</sup>, the following work pursuant to and in advance of the Remedial Investigation was performed:
  - Collected groundwater samples from offsite wells for laboratory analysis of VOCs 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
  - Downloaded Solinst Levellogger unvented water-level transducer data from site monitoring wells SMW-4, SMW-5s, and SMW-5d and barometer data. Weekly manual measurements are collected at SMW-1.
    - Sounder used to measure SMW-1 was not working on 11/21/2024. Sounder was transported back to Seattle for troubleshooting. Issue was determined to be disconnected internal wires and was sent to Waterline Envirotech for repair.
    - Sounder was shipped to Yakima County on 12/18/2024.
4. We developed a preliminary 3-D geologic model using the boring logs of onsite monitoring wells and nearby residential, industrial, and agricultural wells to assist with CSM development and well-siting.

During the next quarter, from December 20, 2024, to March 20, 2025, the following work is anticipated:

1. Receive Ecology approval on the RI work plan and finalize.
2. Continue to conduct RI tasks including:
  - a. 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.
  - b. Offsite well sampling of VOCs at the DNR House spigot and OL Luther well.
  - c. Routine landfill gas sampling.
  - d. Landfill gas composition sampling along the gas extraction system.
  - e. Water-level transducer data collection and manual water level measurements at SMW-1.
  - f. Updates to 3-D geologic model.
  - g. Development of leachate production model.

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