

# Annual Inspection Report

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*Inspection and report meeting the requirements of Part 257.84(b)*

Merrimack Station Ash Landfill

Location: Bow, New Hampshire

Year: 2021

File No. 2025.12

**Date of Inspection:** October 7, 2021 Volume of CCR in place: 208,500 cubic yards

Completed by: Lisa Damiano, PE

Changes in landfill geometry since previous annual inspection? Yes  No  *If yes, please explain below.*Observed actual/ potential structural weakness? Yes  No  *If yes, please explain below.*Observed existing conditions that are disrupting/could disrupt the operation and safety of the facility?  
Yes  No  *If yes, please explain below.***Other Observations:**

- The steep slope that was observed at the active face of the landfill was reduced. If the slope failed, CCR would slide into existing empty lined cell. We recommend continuing to reduce the slope for safety of operators.
- The leachate collection and storage system was observed to be in good operating condition.
- Perimeter fence was secure and in good condition.

**Review of available information regarding the status and condition of the landfill:****Weekly Inspection Forms:**Any stability, operation, or safety issues reported? Yes  No  *If yes, please explain below.***Previous Annual Inspection Reports:**Any stability, operation, or safety issues reported? Yes  No  *If yes, have the issues been addressed?*

*Steep slope observed at the active face of the landfill. Sanborn Head performed an Interim Slope Stability Evaluation, dated 2/29/2016 and concluded that the slope was likely stable for interim conditions. However, to reduce the potential for instability, we recommended that the slope continue to be flattened such that the inclination approaches 2H:1V or flatter. During 2020 and 2021, the slope has been reduced through benched filling operations.*

Signature:

Date: 12/28/2021



Attachments:

- None
- Site Photographs
- Field Sketch
- Other

Reviewed By:

Date: 12/28/2021

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# ANNUAL INSPECTION PHOTOGRAPHS

## OCTOBER 7, 2021



Photo 1: Active cell of the landfill with reduced steep slope at working face looking north from leachate collection building.



Photo 2: Active cell of the landfill with reduced steep slope at working face looking east from east side of active cell.



Photo 3: Stable and established slopes in inactive capped area of landfill looking north from top of filled area.



Photo 4: Landfill cells not currently in use looking southwest from active cell.