




Annual Inspection Report		Page No. 1 of 1	
<i>Inspection and report meeting the requirements of Part 257.84(b)</i>			
Merrimack Station Ash Landfill	Location: Bow, New Hampshire	Year: 2022	File No. 2025.13
Date of Inspection:	October 31, 2022	Volume of CCR in place: 210,500 cubic yards	
Completed by:	Harrison R. Roakes, PE		
Changes in landfill geometry since previous annual inspection? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>If yes, please explain below.</i>			
Observed actual/ potential structural weakness? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>If yes, please explain below.</i>			
Observed existing conditions that are disrupting/could disrupt the operation and safety of the facility? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>If yes, please explain below.</i>			
Other Observations:			
<ul style="list-style-type: none"> • The steep slope observed at the active face of the landfill in previous years appears to be addressed by constructing a flatter benched slope using CCR material. As noted in Sanborn Head's Interim Slope Stability Evaluation, dated 2/29/2016, the existing steep is likely stable for interim conditions and a slope inclined 2H:1V or flatter is recommended for safety of operators. We note that if the slope failed, then CCR would slide into the existing empty lined cell. • 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 <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>If yes, please explain below.</i>			
Previous Annual Inspection Reports:			
Any stability, operation, or safety issues reported? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>If yes, have the issues been addressed?</i>			
Signature:	Date: 12/28/2022	Attachments:	
		<input type="checkbox"/> None <input checked="" type="checkbox"/> Site Photographs <input type="checkbox"/> Field Sketch <input type="checkbox"/> Other	
Reviewed By:	Date: 12/28/2022		
			

ANNUAL INSPECTION PHOTOGRAPHS

OCTOBER 31, 2022



Photo 1: Landfill working face in the background and leachate collection building in foreground. The photograph was taken looking north.



Photo 2: Landfill working face with flatter benched slope constructed. The photograph was taken from near the west side of the active area and looking east.



Photo 3: Stable and established slopes in inactive, capped area of landfill. The photograph was taken from near the top of the filled area and looking north.



Photo 4: Landfill area not currently being filled. The photograph was taken from near the top of the active cell and looking southwest.

