



*Commonwealth of Virginia*

**VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY**

NORTHERN REGIONAL OFFICE

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Regional Director

September 13, 2023

**VIA ELECTRONIC MAIL**

David Kaasa  
Waste Management  
10376 Bullocks Drive  
King George, Virginia 22485  
VIA EMAIL: [dkaasa@wm.com](mailto:dkaasa@wm.com)

**NO DEFICIENCY LETTER**

**Re: Lorton CDD Landfill - 10001 Furnace Road, Lorton  
Solid Waste Permit (SWP) 331**

Dear Mr. Kaasa:

On September 6, 2023, the Virginia Department of Environmental Quality Northern Regional Office staff conducted a compliance inspection of the solid waste management facility operating under Solid Waste Permit SWP331. During this inspection, the facility was evaluated for compliance with the Virginia Waste Management Act, Va. Code § 10.1-1400 et seq. (Act), the Virginia Solid Waste Management Regulations, 9 VAC 20-81-10 et seq. (Regulations), and Solid Waste Permit SWP331.

During the inspection, no apparent violations of the Act, Regulations, or Solid Waste Permit SWP331 were observed. A copy of the inspection checklist is enclosed.

If you have any questions, please contact me at (571) 866-6454 or [Jeffrey.modliszewski@deq.virginia.gov](mailto:Jeffrey.modliszewski@deq.virginia.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeffrey Modliszewski".

Jeffrey Modliszewski  
NRO Solid Waste Compliance Inspector

cc: ECM SWP 331  
Jim Datko, DEQ NRO Land Protection Manager, [james.datko@deq.virginia.gov](mailto:james.datko@deq.virginia.gov)



# Compliance Inspection Report

## Inspection Summary

<b>Facility:</b> Lorton Construction Landfill <b>Permit:</b> SWP331 <b>Region:</b> Northern <b>Inspection Type:</b> Compliance Evaluation Inspection <b>Facility Staff:</b> f: David Kaasa, District Manager	<b>Inspector:</b> Jeffrey Modliszewski <b>Inspection Date:</b> 9/6/2023 <b>Approximate Arrival Time:</b> 9:15 a.m. <b>Inspection Method:</b> Announced <b>Exit Interview:</b> Yes <b>Weather Conditions:</b> Sunny 81° Fahrenheit
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## Construction / Demolition / Debris (CDD) Landfill (Post-Closure)

Reference	Description	SL	Result
<b>Compliance Area: Operator Information</b>			
10.1-1408.1	Disclosure Statement	I	✓
<b>Compliance Area: Recordkeeping, Reporting &amp; Permit</b>			
20-81-100.B	Compliance with the facility's permit	II	✓
20-81-530	Permittee recordkeeping and reporting	II	✓
<b>Compliance Area: Design, Construction &amp; Operation</b>			
20-81-140.A.6	Pollutant discharge	III	✓
<b>Compliance Area: Closure &amp; Post-Closure Care</b>			
20-81-160	Closure requirements	II	✓
20-81-170	Post-closure care requirements	II	✓
<b>Compliance Area: Decomposition Gas Control</b>			
20-81-200	Decomposition gas control	II	✓
<b>Compliance Area: Leachate Control</b>			
20-81-210	Leachate control	II	✓
<b>Compliance Area: Groundwater Monitoring</b>			
20-81-250	Groundwater monitoring program	II	
20-81-260	Corrective action program	II	
<b>Compliance Area: Landfill Mining</b>			
20-81-385 & 395	Landfill Mining	II	N/A

SL = Severity Level      ✓ = In Compliance      X = Alleged Violation      N/A = Not Applicable      Blank = Not Inspected

## General Comments

Reference	Comments
10.1-1408.1	Disclosure Statement - The disclosure statement was reviewed; no compliance issues were noted.
20-81-530	Permittee recordkeeping and reporting - On July 17, 2023, the facility reported the southern flare system had malfunctioned on July 16, 2023. The system was repaired and restarted on July 20, 2023. On August 1, 2023, the facility reported that the southern flare system malfunctioned on July 30, 2023. The system was restarted on August 1, 2023. On August 8, 2023, the facility reported the southern flare system malfunctioned on August 7, 2023. The system was restarted on August 10, 2023. On September 5, 2023, the facility reported the southern flare system malfunctioned on September 4, 2023. The system was restarted on September 5, 2023.
20-81-140.A.6	Pollutant discharge - The landfill was inspected; no leachate seeps were observed.
20-81-160	Closure requirements - The facility's entrance was gated to prohibit access to the facility and sign was posted that indicated the facility was closed and no longer accepting waste.
20-81-170	Post-closure care requirements - The facility's quarterly post closure care inspections were reviewed; no compliance issues were noted. The facility's cover was inspected, vegetation appeared to be established in most areas. The facility was planning

	on removing the invasive woody vegetation in the fall.
20-81-200	Decomposition gas control - The blower and flares were inspected no compliance issues were noted. The facility needs to submit as-builts and update the Landfill Gas Management to include all the Landfill Gas Management enhancements that were performed at the site since June 2019. The facility is currently planning on installing a more permanent remediation system to replace the system currently remediating the area near the entrance to the facility.  The June 2023 quarterly gas monitoring records were reviewed; no compliance issues were noted.
20-81-210	Leachate control - The facility disposes of leachate at the Waste Management treatment facility in Sussex County. The leachate disposal records from February through August 2023 reviewed; no compliance issues were noted. The above ground storage tanks (ASTs) where the leachate is stored were inspected; no compliance issues were noted.

### Disclosure Statement Details

Key Personnel	Title
David Kaasa	District Manager
David Moreira	Area Director
EnviroSolutions Holdings Inc	
Envirosolutions Real Property Holdings Inc	
Furnace Associates Inc	
Michael J. Magee	Director of Finance for Market Area
Ronald S. Ward	President
Waste Management Holdings Inc	

Disclosure Statement Last Updated: 6/30/2021

**PLEASE advise the Regional Office within 10 calendar days if any information noted in this report is incorrect, if you have taken appropriate action to meet compliance, or if there is other information that the department should consider regarding any alleged violations.**

**PLEASE be advised that this report is not an agency proceeding or determination which may be considered a case decision under the Administrative Process Act (VA Code 2.2-4000 et seq). If informal discussions do not lead to a satisfactory conclusion on the contents of this report, you may request in writing that DEQ take all necessary steps to issue a final decision or fact finding under the APA on whether or not a violation has occurred.**

## SWP331 Inspection Report

Modliszewski, Jeffrey (DEQ)

Wed 9/13/2023 10:38 AM

To:Kaasa, David (dkaasa@wm.com) <dkaasa@wm.com>

Cc:Datko, James (DEQ) <James.Datko@deq.virginia.gov>

 1 attachments (388 KB)

SWP331 CIR ND 20230906.pdf;

David

I have attached the inspection report from my inspection last week. As we discussed once the temporary system has been made permeant, please update the LFGMP with all the changes since 2019. Thanks jrm



Jeffrey Modliszewski  
Environmental Specialist II/Land Division  
Virginia Department of Environmental Quality  
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