



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY NORTHERN REGIONAL OFFICE

Molly Joseph Ward  
Secretary of Natural Resources

13901 Crown Court, Woodbridge, Virginia 22193  
(703) 583-3800  
[www.deq.virginia.gov](http://www.deq.virginia.gov)

David K. Paylor  
Director

Thomas A. Faha  
Regional Director

December 27, 2017

Larry Bayne  
Lorton Construction Landfill  
10001 Furnace Road  
Lorton, Virginia 22079

VIA EMAIL: [lbayne@esiwaste.com](mailto:lbayne@esiwaste.com)

### **NO DEFICIENCY LETTER**

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

Dear Mr. Bayne:

On December 21, 2017, the Virginia Department of Environmental Quality Northern Regional Office staff conducted a compliance inspection of the solid waste management facility operating under SWP 331. 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 SWP 331.

During the inspection no apparent violations of the Act, Regulations, or SWP 331 were observed. A copy of the inspection checklist is enclosed.

If you have any questions, please contact me at (703) 583-3832 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  
Crystal Hambrick, Fairfax County



# Compliance Inspection Report

## Inspection Summary

**Facility:** Lorton Construction Landfill

**Inspector:** Jeffrey Modliszewski

**Permit:** SWP331

**Inspection Date:** 12/21/2017

**Region:** Northern

**Approximate Arrival Time:** 9:00 a.m.

**Inspection Type:** Compliance Evaluation Inspection

**Inspection Method:** Announced

**Facility Staff:** Larry Bayne

**Exit Interview:** Yes

**Weather Conditions:** Sunny

## Construction / Demolition / Debris (CDD) Landfill (Active)

Reference	Description	SL	Result
<b>Compliance Area: Operator Information</b>			
10.1-1408.1	Disclosure Statement	I	✓
10.1-1408.2	Operator Certification	II	✓
<b>Compliance Area: Recordkeeping, Reporting &amp; Permit</b>			
20-81-80	Waste Assessment Program	II	✓
20-81-100.B	Compliance with the facility's permit	II	✓
20-81-100.E	Unauthorized waste program and inspection	II	✓
20-81-140.A.16	Facility self inspections	I	✓
20-81-140.A.17	Record maintained of waste received and processed	I	✓
20-81-485	Operations Manual	II	✓
20-81-530	Permittee recordkeeping and reporting	II	✓
<b>Compliance Area: Design, Construction &amp; Operation</b>			
20-81-110.B	Prohibited waste	II	✓
20-81-130	Facility design / construction	I	✓
20-81-140.A.1,4	Safety and fire control	II	✓
20-81-140.A.6	Pollutant discharge	III	✓
20-81-140.A.7	Stormwater control system maintenance	II	✓
20-81-140.A.8,14-15	Facility operation, maintenance, and training	II	✓
20-81-140.A.9-13	Hazard and nuisance control	I	✓
20-81-140.C	Compaction and cover	I	✓
20-81-610-660	Special Waste	II	✓
<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	N/A
<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.
20-81-80	Waste Assessment Program - The 2017 Solid Waste Information and Assessment Program (SWIA) Form DEQ 50-25 is due March 31, 2018, instructions and the link where the form can be submitted online can be found at <a href="http://www.deq.virginia.gov/Programs/LandProtectionRevitalization/SolidHazardousWasteRegulatoryPrograms/SolidWaste/SolidWasteInformationandAssessmentProgram.aspx">http://www.deq.virginia.gov/Programs/LandProtectionRevitalization/SolidHazardousWasteRegulatoryPrograms/SolidWaste/SolidWasteInformationandAssessmentProgram.aspx</a> . Please contact Daniel Demers 703-583-3901 or by email <a href="mailto:daniel.demers@deq.virginia.gov">daniel.demers@deq.virginia.gov</a> if you need additional assistance in completing the form.
20-81-100.E	Unauthorized waste program and inspection - The facility inspected incoming loads before they enter the facility and at the waste tipper. October's, November's, and December's random waste inspections were reviewed; no compliance issues were noted. The facility reviewed a portion of the unauthorized waste program during the weekly safety training.
20-81-140.A.16	Facility self inspections - The facility conducted self-inspections in October and November 2017.
20-81-485	Operations Manual - Larry Bayne recertified the operations manual on June 5, 2017.
20-81-530	Permittee recordkeeping and reporting - The facility provided the 24-hour notifications and five day reports for the methane compliance exceedances.
20-81-110.B	Prohibited waste - The facility maintained a log of the truck load's carrying prohibited wastes which were not accepted into the facility.
20-81-140.A.1,4	Safety and fire control - The facility conducts weekly safety training. The safety training records were reviewed; the records document the safety topic, trainer, and attendees.
20-81-140.A.6	Pollutant discharge - The landfill was inspected; no leachate seeps were observed.
20-81-140.A.7	Stormwater control system maintenance - The sedimentation basins were inspected; no compliance issues were noted.
20-81-140.C	Compaction and cover - The landfill's intermediate cover was inspected; no compliance issues were observed.
20-81-200	Decomposition gas control - The facility continues to exceed the compliance level for methane at the Landfill Gas Monitoring Probes on the western boundary of the property. The landfill flare was inspected; no compliance issues were noted.
20-81-210	Leachate control - The above ground storage tanks (ASTs) where leachate is stored and treated before being discharged to the sanitary sewer were inspected; no compliance issues were noted.

## Disclosure Statement Details

Key Personnel	Title
Dean Kattler	CEO
Gary Hewes	Vice President Operations
James Stenborg	Director of Landfill Engineering
Jim Alderson	CFO
Larry Bayne	General Manager

Disclosure Statement Last Updated: 12/9/2015

## Waste Management Facility Operators

Licensed Operator	License #	Expiration Date
Larry Bayne	4605002098	12/31/2018
William Williams	4605003459	3/31/2018

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.

## Modliszewski, Jeffrey (DEQ)

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**From:** Modliszewski, Jeffrey (DEQ)  
**Sent:** Wednesday, December 27, 2017 2:14 PM  
**To:** Larry Bayne (lwayne@esiwaste.com)  
**Cc:** Crystal.Hamrick@fairfaxcounty.gov  
**Subject:** SWP331 Inspection  
**Attachments:** SWP331 CIR ND 20171221.pdf

Larry,

I have attached the inspection report from last week's inspection. Thanks jrm

Respectfully,

Jeffrey Modliszewski  
Environmental Specialist II  
Phone: 703-583 3832  
Email: [Jeffrey.modliszewski@deq.virginia.gov](mailto:Jeffrey.modliszewski@deq.virginia.gov)