



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

NORTHERN REGIONAL OFFICE

13901 Crown Court, Woodbridge, Virginia 22193

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www.deq.virginia.gov

Matthew J. Strickler
Secretary of Natural Resources

David K. Paylor
Director

Thomas A. Faha
Regional Director

February 27, 2018

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

VIA EMAIL: lbayne@esiwaste.com

NO DEFICIENCY LETTER

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

Dear Mr. Bayne:

On February 20, 2018, 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.

Sincerely,


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: 2/20/2018

Region: Northern

Approximate Arrival Time: 9:15 a.m.

Inspection Type: Compliance Evaluation Inspection

Inspection Method: Announced

Facility Staff: Larry Bayne and Bob Gretz

Exit Interview: Yes

Weather Conditions: Sunny

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

Reference	Description	SL	Result
Compliance Area: Operator Information			
10.1-1408.1	Disclosure Statement	I	✓
10.1-1408.2	Operator Certification	II	✓
Compliance Area: Recordkeeping, Reporting & Permit			
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	✓
Compliance Area: Design, Construction & Operation			
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	✓
Compliance Area: Closure & Post-Closure Care			
20-81-160	Closure requirements	II	
20-81-170	Post-closure care requirements	II	
Compliance Area: Decomposition Gas Control			
20-81-200	Decomposition gas control	II	✓
Compliance Area: Leachate Control			
20-81-210	Leachate control	II	✓
Compliance Area: Groundwater Monitoring			
20-81-250	Groundwater monitoring program	II	
20-81-260	Corrective action program	II	N/A
Compliance Area: Landfill Mining			
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 - Please review the facility's current Disclosure Statement. If the Disclosure Statement is not accurate; submit an updated copy to the DEQ.
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 http://www.deq.virginia.gov/Programs/LandProtectionRevitalization/SolidHazardousWasteRegulatoryPrograms/SolidWaste/SolidWasteInformationandAssessmentProgram.aspx . Please contact Daniel Demers at 703-583-3901 or by email at daniel.demers@deq.virginia.gov 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. January's random waste inspection records 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 a self-inspection in January 2018.
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 conducted weekly safety training. The safety training log was reviewed; it contains documentation of safety topics.
20-81-140.A.6	Pollutant discharge - The landfill was inspected; no leachate seeps were observed.
20-81-140.A.9-13	Hazard and nuisance control - Litter was being collected during the inspection.
20-81-140.C	Compaction and cover - The landfill's progressive cover was inspected; no compliance issues were observed
20-81-200	Decomposition gas control - The facility continues to exceed the compliance level for methane in the Landfill Gas Monitoring Probes on the western boundary of the property. A blower system had been installed in the area near the exceedances; the facility reported that it should be operational by February 26, 2018. 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.