



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY NORTHERN REGIONAL OFFICE

Molly Joseph Ward
Secretary of Natural Resources

13901 Crown Court, Woodbridge, Virginia 22193
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David K. Paylor
Director

Thomas A. Faha
Regional Director

August 17, 2016

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

VIA EMAIL: lbayne@esiwaste.com

INSPECTION REPORT - No DEFICIENCY

**Re: Lorton CDD Landfill – 100001 Furnace Road, Lorton
Solid Waste Permit (SWP) 331**

Dear Mr. Bayne:

On August 9, 2016, the Virginia Department of Environmental Quality Northern Regional Office conducted an inspection of the Lorton CDD Landfill operating under SWP 331. During this inspection, the facility was evaluated for compliance with the Virginia Waste Management Law and Regulations (9 VAC 20-81-10 *et seq.*) and SWP 331.

During the inspection no apparent violations of SWP 331 or the Virginia Waste Management Law and Regulations (9 VAC 20-81-10 *et seq.*) were observed. A copy of the inspection checklist is enclosed.

If you have any questions, please contact me at (703) 583-3832.

Sincerely,


Jeffrey Modliszewski
Solid Waste Inspector

cc: CASE FILE
Crystal Hambrick, Fairfax County



Compliance Inspection Report

Inspection Summary

Facility: Lorton Construction Landfill

Inspector: Jeffrey Modliszewski

Permit: SWP331

Inspection Date: 8/9/2016

Region: Northern

Approximate Arrival Time: 9:15 a.m.

Inspection Type: Compliance Evaluation Inspection

Inspection Method: Announced

Facility Staff: Larry Bayne

Exit Interview: Yes

Weather Conditions: Cool, Overcast

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	I	
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	
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 - The Disclosure Statement was reviewed: no compliance issues were noted.
20-81-100.E	Unauthorized waste program and inspection - The facility inspects incoming loads before they enter the facility and at the waste tipper. May, June, and July's 2016 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 May, June, and July 2016. The landfill gas remediation system is not included on the site inspection checklist, it is inspected separately
20-81-485	Operations Manual - Larry Bayne recertified the operations manual on June 7, 2016.
20-81-110.B	Prohibited waste - The facility documented when prohibited waste was not accepted at the facility during May, June, and July 2016.
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.7	Stormwater control system maintenance - Sedimentation Basins 6 and 8 had been cleaned.
20-81-140.C	Compaction and cover - The facility was operating three working faces during the inspection; the facility had an adequate amount of equipment to handle the incoming waste. The landfill's intermediate cover was inspected; no compliance issues were observed.
20-81-610-660	Special Waste - The facility had marked on figure where non-friable asbestos had been disposed.
20-81-200	Decomposition gas control - Methane concentrations were not detected above the reportable limit during the June 9, 2016 monitoring event. The facility was starting the process of installing additional landfill gas boundary wells.
20-81-210	Leachate control - The facility was in the process of replacing the temporary leachate tanks with two new permanent Aboveground Storage Tanks (AST). The new ASTs were located inside the waste boundary and on top of a lined cell.

Disclosure Statement Details

Key Personnel	Title
Dean Kattler	CEO
Gary Hewes	
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	12/31/2016
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)

From: Modliszewski, Jeffrey (DEQ)
Sent: Wednesday, August 17, 2016 8:17 AM
To: Larry Bayne (lbayne@esiwaste.com)
Cc: Crystal.Hamrick@fairfaxcounty.gov
Subject: SWP331 Inspection Report
Attachments: SWP331 CIR ND 20160817.pdf

Larry

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

Jeffrey Modliszewski
Environmental Specialist II
Phone: 703-583 3832
Email: Jeffrey.modliszewski@deq.virginia.gov