



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
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David K. Paylor
Director

Thomas A. Faha
Regional Director

July 21, 2017

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

VIA EMAIL: lbayne@esiwaste.com

INSPECTION REPORT - No DEFICIENCY

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

Dear Mr. Bayne:

On July 19, 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.

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: 7/19/2017

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: 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 - The Disclosure Statement was reviewed: no compliance issues were noted.
20-81-100.E	Unauthorized waste program and inspection - The facility inspected incoming loads before they enter the facility and at the waste tipper. April, May and June'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 April, May, and June 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 the five day written submission 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 - The facility documented when additional personnel were used to pick up litter.
20-81-140.C	Compaction and cover - The facility was operating two working faces during the inspection; the facility had an adequate amount of equipment to handle the incoming waste. The landfill's progressive cover was inspected; no compliance issues were noted.
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: the blower was running however the flare was not burning. The facility had extended the height of some of the extraction wells on the western portion of the landfill and the landfill's consultant was inspecting the landfill gas remediation's systems gas quality to ensure the flare would relight.
20-81-210	Leachate control - The leachate above ground storage tanks (ASTs) were inspected: no compliance issues were noted.
20-81-250	Groundwater monitoring program - The facility submitted the 1st semiannual groundwater monitoring report for 2017 on May 19, 2017, the report recommended continuing monitoring of the groundwater monitoring wells under the Phase II Monitoring Program.

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)

From: Modliszewski, Jeffrey (DEQ)
Sent: Friday, July 21, 2017 10:33 AM
To: Larry Bayne (lwayne@esiwaste.com)
Cc: Crystal.Hamrick@fairfaxcounty.gov
Subject: SWP331 Inspection
Attachments: SWP331 CIR ND 20170721.pdf

Larry

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

Respectfully,

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