



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

NORTHERN REGIONAL OFFICE

13901 Crown Court, Woodbridge, Virginia 22193

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www.deq.virginia.gov

Molly Joseph Ward
Secretary of Natural Resources

David K. Paylor
Director

Thomas A. Faha
Regional Director

December 7, 2015

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 December 3, 2015, 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,

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

Jeffrey Modliszewski
Solid Waste Inspector

cc: CASE FILE
Crystal Hambrick, Fairfax County

CDD Landfill [SW]
Inspection Report

Facility Name: Lorton Construction Landfill
Region: Northern Regional Office
Inspected By: Modliszewski, Jeffrey R

Permit No.: SWP331
Inspection Date: 03-DEC-15

Reference	Description	S	I	A	V	O
10.1-1408.1	Disclosure Statement	I	X			0
10.1-1408.2	Operator Certification	II	X			0
20-70-10 et seq.	Financial Assurance	II				0
20-90-10 et seq.	Permit Action Fees	II				0
20-81-80	Waste Assessment Program	I				0
20-81-100.B	Compliance with the facility's permit	II				0
20-81-100.E	Unauthorized waste program and inspection	II	X			0
20-81-110.B	Prohibited waste	II	X			0
20-81-130	Facility design / construction	I				0
20-81-140.A.1,4	Safety and fire control	II	X			0
20-81-140.A.6	Pollutant discharge	III				0
20-81-140.A.7	Stormwater control system maintenance	II				0
20-81-140.A.8,14-15	Facility operation, maintenance, and training	II				0
20-81-140.A.9-13	Hazard and nuisance control	I	X			0
20-81-140.A.16	Facility self inspections	I	X			0
20-81-140.A.17	Record maintained of waste received and processed	I				0
20-81-140.C	Compaction and cover	I	X			0
20-81-160	Closure requirements	II				0
20-81-170	Post-closure care requirements	II				0
20-81-200	Decomposition gas control	II	X			0
20-81-210	Leachate control	II				0
20-81-250	Groundwater monitoring program	II				0
20-81-260	Corrective action program	II				0
20-81-485	Operations Manual	II	X			0
20-81-530	Permittee recordkeeping and reporting	II				0
20-81-610-660	Special Waste	II				0

S = Severity Level I = Inspected A= Area of concern V = Alleged violation O = Occurrences

**CDD Landfill [SW]
General Comments**

Reference	Comments
10.1-1408.1	Please review the facility's current Disclosure Statement, if the Disclosure Statement is not accurate, revise and submit an updated copy to the DEQ. The August 20, 2015 Disclosure Statement identifies the following as Key Personnel: Dean Kattler, Jim Alderson, Gary Hewes, James Stenborg, David Howard and Larry Bayne.
10.1-1408.2	The facility has one licensed facility operator listed as a Key Personnel: Larry Bayne (License Number 4605002098 which expires on December 31, 2016).
20-81-100.E	The facility documented that it was inspecting 10% of the incoming loads of waste generated outside of Virginia. The facility reviewed a portion of the unauthorized waste program during the weekly safety training.
20-81-110.B	The facility maintained a log of the truck loads carrying prohibited wastes which were not accepted into the facility.
20-81-140.A.1,4	The facility conducted weekly safety training. The safety training log was reviewed; it contains documentation of safety topics.
20-81-140.A.9-13	The facility documented when additional personnel were used to pick up litter.
20-81-140.A.16	The facility conducted self inspections in August, September, October, and November 2015. The landfill gas remediation system is not included on the site inspection checklist; it is inspected separately.
20-81-140.C	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 intermediate cover was inspected; no compliance issues were observed. Minor amounts of waste were observed protruding from the intermediate cover on the southern slope. The facility had started to regrade the southern slope for closure.
20-81-200	<p>Quarterly methane monitoring should be performed 60 to 120 days after the last quarterly monitoring event. Methane concentrations were not detected above the reportable limit during the July 14, 2015 monitoring event.</p> <p>The September 9, 2015 monitoring event performed on GP-10 was the last required monthly monitoring event and the facility has reverted to quarterly monitoring of all compliance wells.</p> <p>The facility had removed the temporary blower and emergency generator and replaced them with a permanent system.</p>
20-81-485	Larry Bayne recertified the operations manual on June 7, 2015.

Overall Inspection Comments

On December 3, 2015, at approximately 8:15 a.m. Jeffrey Modliszewski a representative from the Virginia Department of Environmental Quality (DEQ) arrived at the Lorton Construction Landfill, SWP 331. The DEQ representative was greeted by Larry Bayne. Mr. Bayne escorted the DEQ representative throughout the compliance inspection. The DEQ staff conducted an exit interview with Mr. Bayne to discuss the findings of the inspection.

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 these 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: Monday, December 07, 2015 2:13 PM
To: 'Larry Bayne'
Cc: 'Crystal.Hamrick@fairfaxcounty.gov'
Subject: Quarterly Gas Monitoring and Last Weeks Inspection
Attachments: 20150417_OWPC Memo_AOCs.pdf; SWP331 CIR ND 20151203.pdf

Larry

Your last quarterly methane monitoring was performed in July. I have attached the AOC memo (which I mentioned last week), it goes through our process. On the second page for quarterly gas monitoring, it indicates that for not monitoring quarterly 60-120 days it was previously an AOC, now it's: 1st occurrence an No Deficiency Letter, second occurrence an alleged violation. Since the quarter is not over and you are past 120 days (since the last quarterly monitoring), and because it is the first occurrence; I have prepared a NDL letter. Please ensure that the quarterly methane readings are collected no later than 120 after the last event. Thanks and I have attached the inspection report also JRM

Jeffrey Modliszewski
Environmental Specialist II
Phone: 703-583 3832
Fax: 703 583-3821
Email: Jeffrey.modliszewski@deq.virginia.gov