



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

NORTHERN REGIONAL OFFICE

13901 Crown Court, Woodbridge, Virginia 22193

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Molly Joseph Ward
Secretary of Natural Resources

David K. Paylor
Director

Thomas A. Faha
Regional Director

December 31, 2014

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

VIA EMAIL: lbayne@esiwaste.com

INSPECTION REPORT - AREA OF CONCERN

**Re: Lorton CDD Landfill - Solid Waste Permit (SWP) 331
Compliance Inspection Conducted on December 17, 2014**

Dear Mr. Bayne:

On December 17, 2014, 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 20-81-10-200.) were observed. However, the following Area of Concern was identified:

The facility exceeded the compliance level for methane at Boundary Probe GP-10 on the following days: November 12, 2014, November 19, 2014, November 24, 2014, December 4, 2014, December 10, 2014, and December 15, 2014. The facility provided the 24-hour notifications and five day written submissions.

This information was discussed with facility representatives during the inspection. Area(s) of Concern will be re-evaluated during the next inspection to determine whether observed conditions have changed and whether the facility remains in compliance with the statute, regulations, permits, and/or enforcement orders.

If you have any questions; please contact me at (703) 583-3832 or by email at Jeffrey.modliszewski@deq.virginia.gov.

Respectfully,



Jeffrey Modliszewski
Solid Waste Inspector

cc: Richard Doucette, DEQ-NRO
Brandy L. Mueller, Fairfax County
File

| |
|--------------------------|
| CDD Landfill [SW] |
| Inspection Report |

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

Permit No.: SWP331
Inspection Date: 17-DEC-14

| 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 | 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 | X | | | 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]
Area of Concern**

| Reference | Comments |
|-----------|--|
| 20-81-200 | The facility exceeded the compliance level for methane at Boundary Probe GP-10 on the following days: November 12, 2014, November 19, 2014, November 24, 2014, December 4, 2014, December 10, 2014, and December 15, 2014. The facility provided the 24-hour notifications and five day written submissions. On December 10, 2014, the facility submitted a revised Landfill Gas Management and Remediation Plan for review. |

**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 and updated copy to the DEQ. The September 4, 2014 Disclosure Statement lists the following as Key Personnel: Eric Wallace, Marc Bourhis, Gary Hewes, Kirk Nimitz, James Stenborg, Larry Bayne, and David Howard. |
| 10.1-1408.2 | This facility has two licensed facility operators listed as Key Personnel: Larry Bayne (License Number 4605002098 which expires on December 31, 2016) and David Howard (License Number 4605002135 which expires on April, 30 2015). |
| 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 | On the monthly self inspection the facility documented the days when additional personnel were used to pick-up litter. |
| 20-81-140.A.16 | The facility conducted self inspections on September 29, 2014, October 30, 2014, and November 26, 2014. |
| 20-81-140.C | The facility was operating on two working faces during the inspection; the facility had an adequate amount of equipment and personnel to handle the incoming waste. The landfill's intermediate and working face cover was inspected; no issues with the cover were observed. |
| 20-81-485 | Larry Bayne recertified the operations manual on May 1, 2014. |
| 20-81-530 | On October 17, 2014, the facility reported that the liquid level detected by Transducer B in Cell 3A was over the maximum allowable level of twelve inches. The facility turned on the sump pumps in Cell 2 to reduce the level of leachate. |

Overall Inspection Comments

On December 17, 2014, at approximately 9:15 AM 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

This inspection report addresses conditions at this facility and also cites compliance requirements of the Virginia Waste Management Law and Regulations. Pursuant to Virginia Code 10.1-1455(G), this report is not a case decision under the Administrative Process Act, Code of Virginia, Section 2.2-4000 et seq.

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: Wednesday, December 31, 2014 9:20 AM
To: Larry Bayne
Cc: 'Mueller, Brandy Leigh'
Subject: Solid Waste Inspection 12-17-14
Attachments: SWP331 CIR AOC 12-17-14.pdf

Larry

I have attached the inspection report from December 17, 2014 inspection. Thanks, see you in 2015. Jrm

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