



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

NORTHERN REGIONAL OFFICE

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Douglas W. Domenech
Secretary of Natural Resources

David K. Paylor
Director

Thomas A. Faha
Regional Director

May 21, 2012

Mr. Larry Bayne
General Manager
Lorton Landfill
10001 Furnace Road
Lorton, Virginia 22079

RE: Lorton Landfill – Permit #331
Compliance Inspection on April 24, 2012

Dear Mr. Bayne:

Thank you for your cooperation during the compliance evaluation inspection conducted at your facility by the Virginia Department of Environmental Quality, Northern Regional Office on April 24, 2012. During the inspection, two Area of Concern (AOC) were identified. The facility appeared to be in compliance with its permit, the Virginia Solid Waste Management Regulations (9 VAC 20-81-10 *et seq.*) and the Virginia Financial Assurance Regulations (9 VAC 20-70-10 *et seq.*).

The facility's inspection report is attached. Please review the AOC's for 20-70-10 *et seq.*, and 20-81-200.

If you have questions or need further assistance in this matter, I can be reached at (703) 583-3901 or Daniel.Demers@deq.virginia.gov.

Respectfully,

A handwritten signature in black ink, appearing to read "Daniel J.C. Demers", written over a horizontal line.

Daniel J.C. Demers
Solid Waste Compliance Inspector, Sr.

enclosure: Inspection Report
cc: Charles D. Forbes, Fairfax County, DSWDRR
Richard Doucette, DEQ/NRO
File

CDD Landfill [SW]
Inspection Report

Facility Name: Lorton CDD Landfill
Region: Northern Regional Office
Inspected By: Demers, Daniel J

Permit No.: SWP331
Inspection Date: 24-APR-12

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	X	X		0
20-90-10 et seq.	Permit Action Fees	II				0
20-81-80	Waste Assessment Program	I	X			0
20-81-100.B	Compliance with the facility's permit	II	X			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	X			0
20-81-140.A.1,4	Safety and fire control	II	X			0
20-81-140.A.6	Pollutant discharge	III	X			0
20-81-140.A.7	Stormwater control system maintenance	II	X			0
20-81-140.A.8,14-15	Facility operation, maintenance, and training	II	X			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	X			0
20-81-140.C	Compaction and cover	I	X			0
20-81-160	Closure requirements	II	X			0
20-81-170	Post-closure care requirements	II	X			0
20-81-200	Decomposition gas control	II	X	X		0
20-81-210	Leachate control	II	X			0
20-81-250	Groundwater monitoring program	II	X			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	X			0

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

**CDD Landfill [SW]
Area of Concern**

Reference	Comments
20-70-10 et seq.	<p>The owner or operator of each solid waste management unit shall establish financial assurance in current dollars for the cost of closure of the unit in compliance with 9 VAC 20-70-140. The owner or operator shall provide continuous coverage for closure until released from financial assurance requirements by the director.</p> <p>The facility's trust fund was last amended in 2011 in the amount of \$12,705,471. The facility is reminded that FA is due prior to the expiration date. DEQ FA database was checked and no update was made as of 5/21/2012, the facility is in compliance until 5/23/2012.</p>
20-81-200	<p>The facility's Gas Remediation Plan dated January, 2008 was incorporated into the facility's permit through a minor amendment issued January 17, 2008. A revised plan was incorporated on April 30, 2008.</p> <p>Monitoring is conducted by facility personnel and DEQ requested during review of the monitoring data that instrument calibration information be recorded as part of each monitoring event. Monitoring data sheets should include at the minimum; calibration data, weather conditions (barometric pressure), time, date, personnel conducting monitoring, all instrument gas levels.</p>

**CDD Landfill [SW]
General Comments**

Reference	Comments
10.1-1408.1	<p>C. Notwithstanding any other provision of law:</p> <ol style="list-style-type: none">1. Every holder of a permit issued under this article who has not earlier filed a disclosure statement shall, prior to July 1, 1991, file a disclosure statement with the Director.2. Every applicant for a permit under this article shall file a disclosure statement with the Director, together with the permit application or prior to September 1, 1990, whichever comes later. No permit application shall be deemed incomplete for lack of a disclosure statement prior to September 1, 1990.3. Every applicant shall update its disclosure statement quarterly to indicate any change of condition that renders any portion of the disclosure statement materially incomplete or inaccurate.4. The Director, upon request and in his sole discretion, and when in his judgment other information is sufficient and available, may waive the requirements of this subsection for a captive industrial waste landfill when such requirements would not serve the purposes of this chapter. <p>The latest Disclosure Statement on file at the DEQ is dated January 19, 2007. Various EnviroSolutions and Investcorp International management are listed as key personnel. Key personnel dealing with the day-to-day operations of the landfill include Larry Bayne, Site Manager, and David Howard, Assistant Manager.</p>
10.1-1408.2	<p>B. On and after January 1, 1993, all solid waste management facilities shall operate under the direct supervision of a waste management facility operator licensed by the Board for Waste Management Facility Operators.</p> <p>The facility has three licensed Certified Operators: Site Manager, Larry Bayne, certification #4605002098 (valid until December 31, 2012); Scale Operator, Ray Herzig, with certification #4605001767 (valid until February 28, 2014); and Assistant Manager, David Howard with certification #4605002135 (valid until April 30, 2013). Mr. Bayne was present at the time of inspection.</p>
20-81-250	<p>The facility's 2011 Annual Groundwater Report and 2nd Semi-annual Monitoring reports were received by DEQ January 17, 2012 in compliance with the VSWMR March 1st deadline. The 2012 annual report is due March 1, 2013.</p>

Overall Inspection Comments

A representative from the Virginia Department of Environmental Quality (DEQ) arrived at Lorton CDD Landfill, SWP 331, at approximately 11:35 AM on April 24, 2012. Daniel J.C. Demers of the DEQ was greeted by Larry Bayne, Site Manager. Mr. Bayne escorted the DEQ representatives throughout the duration of the inspection. An exit interview was conducted with Mr. Bayne discussing the findings as a

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Department of Environmental Quality**

result of the inspection.

Two Area of Concern (AOC) are being issued, one for 20-70-10 et seq., and another for 20-81-170, please see comments for Financial Assurance and Decomposition gas control.

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 2.24001, 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.