



County of Fairfax, Virginia

MEMORANDUM

DATE: November 8, 2021

TO: Board of Supervisors

FROM: William D. Hicks, P.E., Director
Department of Land Development Services

SUBJECT: Annual Landfill Report—Lorton Landfill (Overlook Ridge)

This annual report for the Lorton Landfill (facility) meets the inspection and reporting requirements described in Subsection 4102.6.Q of the Zoning Ordinance (ZO). The ZO requires the county conduct an annual landfill inspection and the Director of Land Development Services (LDS) to report the findings to the Board of Supervisors (Board). The report shall include the following:

- A. A statement of whether the operation is compliant with all requirements of the special exception;
- B. A statement of changes that have occurred in the vicinity since the granting of the application, such as new development in the area; and
- C. A statement on the condition of roads in the area which might indicate the spillage of materials from trucks.

A. STATEMENT OF COMPLIANCE WITH THE RELATED SPECIAL EXCEPTION REQUIREMENTS:

On March 26, 2021, the Virginia Department of Environmental Quality (DEQ) confirmed final closure construction phases of the facility had been completed in accordance with the requirements of Virginia Solid Waste Management Regulations 9 VAC 20-81, and therefore satisfy 9 VAC 20-81-160.D.4 and 9 FAC 20-81-160.D.5.a through c. As such, the facility will no longer receive an annual operational landfill permit from LDS. LDS continues to monitor the facility via regular compliance inspections required under the active development plan and surety bond.

DEQ also completed compliance inspections in 2021. In the most recent compliance inspection report, dated August 26, 2021, the DEQ referenced no apparent violations of the approved solid waste permit (SWP 331) or of the Virginia Solid Waste Management Law and Regulations (9 VAC 20-81-10, *et seq.*).



A joint inspection was conducted on June 16, 2021, by staff from the Site Development and Inspections Division (SDID) and the Solid Waste Management Program (SWMP). Rehan Ali represented SDID, while Mario Gomez represented SWMP. The June inspection identified that the sediment basins and traps were operating within capacity and being successfully maintained. Staff identified minor erosion along the upper access road and necessary maintenance within the existing roadway ditches along the downhill summit access road. Staff notified the operator and coordinated the required maintenance accordingly. SDID will continue to monitor ongoing stabilization efforts and plantings. All necessary controls are in place and remain satisfactory, including access roads, compaction and cover, and erosion and sediment controls.

Staff from the Urban Forest Management Division (UFMD) also joined SDID to perform a courtesy review of the site. UFMD inspection findings resulted in a list of deficiencies regarding plantings. Observations included several dead and dying landscape trees and shrubs requiring replacement and the required management of non-native invasive species. Coordination is ongoing between UFMD staff and the project arborist. A status report is forthcoming and once reviewed by staff, will be made available on the county's Lorton CDD Landfill Closure webpage.

On September 4, 2020, staff from the Department of Planning and Development Zoning Evaluation Division confirmed receipt of Waste Management's formal request, dated August 31, 2020, for an interpretation regarding SE 80-L/V-061. The interpretation request originally included a request related to provisions of certain onsite bike trails, offsite trail connections and slight shifts to the footprints of some structures. After some discussion, Waste Management and the Fairfax County Park Authority undertook a comprehensive review of the park plans and developed a revised park plan providing required amenities and addressing topographic conditions and community needs. Over the past year, staff held monthly meetings with Waste Management and anticipates a revised interpretation request from Waste Management sometime this quarter.

Detailed copies of the joint Department of Public Works and Environmental Services (DPWES) and LDS inspection, as well as the DEQ inspection results and notices, are also available at the Lorton CDD Landfill Closure webpage and upon request from the LDS Environmental Compliance Coordinator. For further assistance, please contact Brandy Mueller at 703-324-1813.

B. STATEMENT OF CHANGES IN THE VICINITY OF THE LANDFILL:

The Lorton Community Center and COP Nova Project remain under construction within two miles of the landfill site. Additionally, the South County Police Station and Animal Shelter, and the Laurel Hill Crossing Subdivision have begun construction within approximately three miles of the landfill.

C. STATEMENT OF ROAD CONDITION:

The condition of the road is satisfactory. The roads on site and in front were clear of dirt, mud, and debris. They have a truck wash area, a water truck to flush the streets and a street sweeper on duty full-time at the main entrance. Dust is controlled via the water truck on site and was being utilized during time of county inspection.

If you have any further questions, please contact me at 703-324-1780.

cc: Bryan J. Hill, County Executive
Rachel Flynn, Deputy County Executive
Barbara Byron, Director, Department of Planning and Development
Christopher S. Herrington, Director, DPWES
John Kellas, Deputy Director, DPWES
Brian Keightley, Director, UFMD, DPWES
Matthew Hansen, P.E., CFM, Director, SDID, LDS
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