



County of Fairfax, Virginia

MEMORANDUM

DATE: DEC 20 2019

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 meets the inspection and reporting requirements described in Paragraph 6 of Section 9-205 of the Zoning Ordinance (ZO). The ZO requires that 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). As required, this includes the following:

- A. A statement of operation compliance with all the requirements of the Special Exception.
- B. A statement of changes that have occurred in the vicinity since the granting of the application.
- C. A statement of the condition of roads in the area that might indicate the spillage of materials from trucks.

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

The Virginia Department of Environmental Quality (DEQ) completed several compliance inspections in 2019. In the most recent compliance inspection report, dated August 27, 2019, 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.*).

Urban Forest Management Division (UFMD) Inspector Jay Banks received a status report dated March 4, 2019 from BC Consultants that stated that based on limitations of the capping process, no areas of the landfill were acceptable for landscape planting in Spring 2019. Only Phase One, as defined in the approved Special Exception Amendment (SEA) has been completely closed, capped, and landscaped. All other phases (Phases 2 through 5) are in varying degrees of closure. Landscape planting can only proceed once the cap is deemed acceptable and in conformance with the approved DEQ Closure Plan. Planting commenced Fall 2019 and will continue through Fall 2020 following the supplemental planting schedule (dated March 26, 2019) and capping exhibit (dated February 21, 2019).



A joint inspection was conducted on June 25, 2019, by the Site Development and Inspections Division (SDID) and the Solid Waste Management Program (SWMP). Carl Perdue represented SDID, while Mario Gomez represented SWMP. The June inspection identified that the sediment basins were not functioning at full capacity, creating some erosive conditions. Staff also identified the need for additional stabilization measures to be installed along the western slope of the facility. A follow-up inspection in September found that the Lorton landfill made significant progress in stabilization efforts and had also restored Basin No. 2 to the full design capacity. SDID will continue to monitor ongoing stabilization efforts and ensure the remaining basins reach capacity. Other than the issues currently being addressed (listed above), all necessary controls are in place and remain satisfactory, including but not limited to, the access roads, compaction and cover, and erosion and sediment controls. Cover material also was adequate and readily available.

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 available 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 Royal Ridge townhome community, Giles Overlook subdivision, and Malcolm at Ox Road subdivision continue construction within two (2) miles of the landfill site. Additionally, the Laurel Hill Adaptive Reuse development continues within about five (5) 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 by the water truck on-site.

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

cc: Bryan Hill, County Executive
Rachel Flynn, Deputy County Executive
Barbara Byron, Director, Department of Planning and Development
Randy Bartlett, Director, DPWES
John Kellas, Deputy Director, DPWES
Bruce McGranahan, Director, SDID, LDS