



County of Fairfax, Virginia

MEMORANDUM

DATE: 2020 October 9 | 12:44:03 PDT

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 Par. 6 of Section 9-205 of the Zoning Ordinance (ZO). The ZO requires the County to 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 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 which 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 multiple compliance inspections in 2020. In the most recent compliance inspection report, dated August 17, 2020, 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 9, 2020, 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 confirmed the sediment basins and traps were operating within capacity and being successfully maintained. Staff also identified recently applied stabilization measures to include hydroseeding and the installation of permanent vegetation. Uphill channels and outfalls associated with the pond facilities have been improved to better prevent erosion and potential failures. SDID will continue to monitor ongoing stabilization efforts. 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 was also adequate and readily available.

On June 10, 2020, staff from the Urban Forest Management Division (UFMD) joined SDID to perform a courtesy review of the site. The UFMD inspection findings included deficiencies with respect to plantings. Observations included planting out of the recommended season, dead and dying landscape trees (both existing and newly planted), dead trees within the preservation areas, and progress regarding the removal of invasive species. On August 17, 2020, staff met on site with the project arborist, landscape contractor, and representatives from Waste Management, to review the noted deficiencies and corresponding corrective action. Agreed action included:

- Acknowledgement to plant only during the appropriate planting seasons. Fall 2020 plants are currently being assembled and will be installed as early as October 1, 2020, and completed early to mid-December, weather dependent.
- Replacement planting for the dead and dying trees. Exact timing of replacement is species dependent, noting some plantings will occur Fall 2020 while others, such as broadleaf evergreens, will be planted Spring 2021.
- Invasive species management will continue through Winter 2020.
- Removal of dead trees observed within the tree preservation areas will occur during Fall-Winter 2020.
- A Status Report will be provided to UFMD by the project arborist confirming current conditions, landscape plan, number of plants installed, and list of plants scheduled for Fall 2020 planting.

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 request references certain provisions related to onsite bike trails, offsite trail connections and slight shifts to the footprint of some onsite structures. Review of this request is ongoing.

Detailed copies of the joint Department of Public Works and Environmental Services (DPWES) and LDS inspection, as well as the DEQ inspection results, notices, and UFMD findings 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 Lorton Community Center is under construction within two miles of the landfill site. Additionally, both the COP Nova Project (a new church development) and the Department of Public Works Newington Commons Pond Improvement project, 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 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
Brian Keightley, Director, UFMD, DPWES
Eleanor Ku Coddling, Acting Director, SDID, LDS