



County of Fairfax, Virginia

MEMORANDUM

DATE: November 30, 2023

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 2023. In the most recent compliance inspection report, dated October 11, 2023, the DEQ referenced 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.*). Subsequently, on October 31, 2023, DEQ issued a Notice of Violation (NOV) for methane concentration levels and included the required corrective action. DEQ affirms the



facility has responded to the NOV and has begun taking necessary compliance action. Monitoring efforts are ongoing.

A site inspection was conducted on July 12, 2023, by staff from the Site Development and Inspections Division (SDID), Fairfax County Park Authority Natural Resources Branch (FCPA-NRB), and the Forest Conservation Branch (FCON). The July inspection found that the sediment basins and traps were operating within capacity and being successfully maintained. 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.

FCON and FCPA-NRB staff further assessed the progress of invasive species management based on the January 18, 2023, report provided by Waste Management's Project Arborist. Observations noted the treatment of non-native invasive species has occurred; however, invasive species remain a challenge on site. Additionally, the list of 2021 planting deficiencies remains outstanding. Coordination is ongoing between Waste Management, FCON and Park Authority staff. As approved in June 2022, the former landfill facility will be reused as a public park. The Fairfax County Park Authority will manage the operation of the public park, and Furnace Associates Inc. will continue ownership of the property and maintenance activities associated with the closed landfill.

The revision to the previously approved site plan continues through the submission process, coordinated with SDID plan review and the LDS project management program.

Detailed copies of the LDS joint inspection, as well as the DEQ inspection results and notices, are available at the Lorton CDD Landfill Closure webpage (www.fairfaxcounty.gov/publicworks/recycling-trash/lorton-cdd-landfill-closure) or upon request from the LDS Site and Technical Services section. 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, South County Police Station, Laurel Hill Crossing subdivision and the Animal Shelter Project have all completed construction within two to three miles of the landfill site and are currently coordinating bond release with SDID. Additionally, the Villas at Newington Chase development and Eye Trucking storage yard commenced construction earlier this year.

C. STATEMENT OF ROAD CONDITION:

The condition of the road is satisfactory. Both the road within the site and the road used to access the facility were clear of dirt, mud, and debris. The facility continues to use a truck wash area, a water truck to flush the streets, and a street sweeper at the main entrance. Dust is controlled via the onsite water truck.

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

cc: Bryan J. Hill, County Executive
Rachel Flynn, Deputy County Executive
Tracy D. Strunk, AICP, Director, Department of Planning and Development
Christopher S. Herrington, Director, DPWES
Eleanor Ku Coddling, P.E., Deputy Director, DPWES
Eric Forbes, Deputy Director, DPWES
Brian Keightley, Director, UFMD, DPWES
Matthew Hansen, P.E., CFM, Director, SDID, LDS
Kirsten Munz, P.E., AICP, Director, Permitting and Code Administration Division (PACA), LDS
Brandy Mueller, Chief, Customer and Technical Support Center, PACA, LDS
Aimee Vosper, Deputy Director, FCPA