



County of Fairfax
Department of Public Works & Environmental Services
DEBRIS LANDFILL COMPLIANCE CHECKLIST

REPORT NO. _____

DATE: February 4, 2021

FACILITY: Lorton CDD Landfill

WEATHER: Sunny, Clear and Snow Cover

INSPECTOR: Mario Gomez

| Description | | | | Comments |
|---|--------------|--------------|----------------|--|
| | Not Observed | Satisfactory | Unsatisfactory | |
| Operating Plan | | | | |
| Provided onsite? No | | | ✓ | No structures on site. Kept at an offsite location. |
| Access Roads | | | | |
| Proper maintenance? (Y/N); adequate ingress? (Y/N); adequate egress? (Y/N) Clear of dirt, mud, litter, dust? (Y/N) | | ✓ | | The facility closed its gates and removed all equipment. |
| Compaction & Cover | | | | |
| Earth or other approved cover material? (Y/N); cover free of putrescible substances? (Y/N) | ✓ | | | Snow cover mix. Compliance determination not possible. |
| Well-compacted cover? (Y/N) | ✓ | | | |

| Description | Not Observed | Satisfactory | Unsatisfactory | Comments |
|--|--------------|--------------|----------------|---|
| | | | | |
| - Min. 4 to 10 inches depth for surface and sides? (Y/N) | ✓ | | | |
| - Final Cover: Clean earth, min. 30 inch depth for surface and sides? (Y/N) | ✓ | | | |
| No material left uncovered more than 14 days? (Y/N) | ✓ | | | |
| Upon completion of fill cell, intermediate cover free of: - Cracks/unevenness? (Y/N, N/A) - <i>Erosion. Determination to be made by EFID Inspector</i> | ✓ | | | |
| Degree of compaction allows for construction envisioned by master plan? (Y/N, N/A) | ✓ | | | |
| <i>Erosion control layer – to be reviewed by EFID inspector</i> | ✓ | | | |
| Access Control | | | | |
| Are all entrances and exits controlled during work hours and secured and locked during non-working hours? Yes Are fences and gates in place and functional? Yes | | ✓ ✓ | | When is access permitted to site? The landfill is closed to the public and has ceased operations. What are hours of operation? The landfill is closed to the public and has ceased operations. |
| Fire Prevention | | | | |
| Fire Control Plan provided onsite? No | | | ✓ | No structures on site. Kept at an offsite location. |
| Firebreak minimum of 50 feet between landfill and wooded areas? N/A | ✓ | | | |
| Cover material maintained in close proximity to working face of fill? N/A | ✓ | | | The landfill is closed. |
| Stormwater and Drainage | | | | |

| Description | Not Observed | Satisfactory | Unsatisfactory | Comments |
|---|--------------|--------------|----------------|--|
| | | | | |
| Is the SWPPP Permit current? Yes | | ✓ | | What is VPDES Permit Number? VAR051079 When does VPDES permit expire? June 30, 2024 |
| Does the fill or excavation area encroach on the RPA, existing 100-year drainageway or flood plain? (Y/N) | | ✓ | | Per EFID inspector. |
| Any of the fill or excavation areas within 50 feet of a perennial watercourse? (Y/N) | | ✓ | | |
| Any surface water from an off-site source entering the landfill area? (Y/N) Is it adequately diverted? (Y/N) Specific approval of Director obtained? (Y/N, N/A) | | ✓ | | |
| Groundwater and Surface Water | | | | |
| Groundwater monitoring well(s) appear in good condition? Yes Golder Associates Inc. | | ✓ | | When was latest round of GW sampling performed? October 14, 2020 Number of down gradient wells? 7 Number of up gradient wells? 2 |
| Any groundwater exceedances recorded? No If yes, has a corrective action plan been implemented? (Y/N) | | ✓ | | |
| Surface water monitoring | | ✓ | | October 29, 2020 |
| Water quality control measures | | ✓ | | |

| Description | Not Observed | Satisfactory | Unsatisfactory | Comments |
|--|--------------|--------------|----------------|---|
| | | | | |
| Leachate Control and Management | | | | |
| | ✓ | | | |
| Erosion and Sediment Controls: <i>Activity to be performed by EFID inspector.</i> | | | | |
| | | ✓ | | |
| Vectors | | | | |
| Is there evidence of disease or nuisance vectors? No | | ✓ | | |
| Cover Material Availability | | | | |
| Adequate amount of material readily available? No | ✓ | | | The landfill is closed. |
| Equipment | | | | |
| Adequate amount present during all working hours? No | ✓ | | | As of December 2020, all equipment was removed from site. |
| Personnel | | | | |
| Adequate amount present during all working hours? No | ✓ | | | As of December 2020, this facility completely closed. |
| Dust Control | | | | |
| Controlled via application of water to access roads? (Y/N) | | ✓ | | No issues found on inspection. |
| Controlled via vegetative cover on final landfill slopes? (Y/N) | | ✓ | | |
| Debris and Litter Control | | | | |
| | | ✓ | | No issues found on inspection. |
| Odor Control | | | | |
| | | ✓ | | |
| Traffic Control | | | | |
| | | ✓ | | |

| Description | Not Observed | Satisfactory | Unsatisfactory | Comments |
|--|--------------|--------------|----------------|-----------------------------------|
| | | | | |
| Noise | | | | |
| Is facility in compliance with Fairfax County Noise Ordinance? Yes | | ✓ | | |
| Screening | | | | |
| | ✓ | | | |
| Salvaging | | | | |
| If present, is it part of approved operating plan? No | | ✓ | | Not permitted per Operating Plan. |
| Design Plan | | | | |
| Facility in accordance with design plan including establishment and preservation of grades? Yes | | ✓ | | Per EFID inspector. |
| Requirements re: certain materials | | | | |
| Permitted materials only? (Y/N) | ✓ | | | |
| Ash – Quenched? (Y/N, N/A) | ✓ | | | |
| Tires – Radially split, shredded or chipped? (Y/N, N/A) | ✓ | | | |
| Semi-liquid excavation material – If present, approved by Director? (Y/N, N/A) | ✓ | | | |
| Paper Waste present other than part of CDD rubble? (Y/N, N/A) | ✓ | | | |
| Automobiles – If present, does facility have approval from Health Dept. and Virginia Bureau of Solid Waste and Vector Control? (Y/N, N/A) | ✓ | | | |

ADDITIONAL COMMENTS: As of December 2020, the facility closed its gates and removed all equipment from this site. Waste Management aims to be in Post Closure by April 2021, with inspection from DEQ.