



*Commonwealth of Virginia*

**VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY**

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Regional Director

December 21, 2021

Mr. David Valdez  
Skinquarter Land CDD Landfill  
20701 Hull Street Road  
Mosley, Virginia 23120

**NO DEFICIENCY LETTER**

Re: Skinquarter CDD Landfill – Chesterfield County, VA  
Solid Waste Permit (SWP) No. 604

Mr. Valdez,

On November 8, 2021, the Virginia Department of Environmental Quality Piedmont Regional Office staff conducted a compliance evaluation inspection (CEI) of the solid waste management facility operating under SWP 604. During this inspection, the facility was evaluated for compliance with the Virginia Waste Management Act, Va. Code § 10.1-1400 et seq. (“Act”), the Virginia Solid Waste Management Regulations, 9 VAC 20-81-10 et seq. (“Regulations”), and Permit No. 604.

During the inspection, no apparent violations of the Act, Regulations, or your permit SWP 604 were observed. A copy of the inspection checklist is enclosed.

If you have any questions, please contact me at (804) 527-5101 or [douglas.masini@deq.virginia.gov](mailto:douglas.masini@deq.virginia.gov).

Sincerely,

A handwritten signature in blue ink that reads 'Doug Masini'.

Doug Masini  
PRO Solid Waste Inspector

Ecc: ECM – SWP 604



# Compliance Inspection Report

## Inspection Summary

**Facility:** Skinquarter Land CDD Landfill

**Inspector:** Douglas Masini

**Permit:** SWP604

**Inspection Date:** 11/8/2021

**Region:** Piedmont

**Approximate Arrival Time:** 0700

**Inspection Type:** Compliance Evaluation Inspection

**Inspection Method:** Announced

**Facility Staff:** David Valdez – General Manager

**Exit Interview:** Yes

**Other DEQ Staff:** James Golden (PRO Regional Director), Shawn Weimer (PRO Land Protection Manager)

**Weather Conditions:** Clear, 38 degrees F, Winds NNW 5-10 mph.

**Comments:** A full Compliance Evaluation Inspection (CEI) was conducted in order to review the facility for operational compliance for the period between September and October 2021. Contact with the Landfill Personnel was limited, adhering to social distancing standards as much as possible. Operational records were reviewed onsite and requested to be submitted electronically.

## Construction / Demolition / Debris (CDD) Landfill (Active)

| Reference   | Description                                       | SL  | Result |
|---|---|-----|--------|
| <b>Compliance Area: Operator Information</b>                  |   |     |        |
| 10.1-1408.1   | Disclosure Statement                              | I   | ✓      |
| 10.1-1408.2   | Operator Certification                            | II  | ✓      |
| <b>Compliance Area: Recordkeeping, Reporting &amp; Permit</b> |   |     |        |
| 20-81-80  | Waste Assessment Program                          | II  |        |
| 20-81-100.B   | Compliance with the facility's permit             | II  |        |
| 20-81-100.E   | Unauthorized waste program and inspection         | II  | ✓      |
| 20-81-140.A.16  | Facility self inspections                         | I   | ✓      |
| 20-81-140.A.17  | Record maintained of waste received and processed | I   | ✓      |
| 20-81-485   | Operations Manual                                 | II  | ✓      |
| 20-81-530   | Permittee recordkeeping and reporting             | II  | ✓      |
| <b>Compliance Area: Design, Construction &amp; Operation</b>  |   |     |        |
| 20-81-110.B   | Prohibited waste                                  | II  | ✓      |
| 20-81-130   | Facility design / construction                    | I   | ✓      |
| 20-81-140.A.1.4   | Safety and fire control                           | II  | ✓      |
| 20-81-140.A.6   | Pollutant discharge                               | III | ✓      |
| 20-81-140.A.7   | Stormwater control system maintenance             | II  | ✓      |
| 20-81-140.A.8,14-15   | Facility operation, maintenance, and training     | II  | ✓      |
| 20-81-140.A.9-13  | Hazard and nuisance control                       | I   | ✓      |
| 20-81-140.C   | Compaction and cover                              | I   | ✓      |
| 20-81-610-660   | Special Waste                                     | II  | ✓      |
| <b>Compliance Area: Closure &amp; Post-Closure Care</b>       |   |     |        |
| 20-81-160   | Closure requirements                              | II  |        |
| 20-81-170   | Post-closure care requirements                    | II  |        |
| <b>Compliance Area: Decomposition Gas Control</b>             |   |     |        |
| 20-81-200   | Decomposition gas control                         | II  | ✓      |
| <b>Compliance Area: Leachate Control</b>                      |   |     |        |
| 20-81-210   | Leachate control                                  | II  | ✓      |
| <b>Compliance Area: Groundwater Monitoring</b>                |   |     |        |
| 20-81-250   | Groundwater monitoring program                    | II  |        |
| 20-81-260   | Corrective action program                         | II  |        |
| <b>Compliance Area: Landfill Mining</b>                       |   |     |        |

|                 |                 |    |  |
|-----------------|-----------------|----|--|
| 20-81-385 & 395 | Landfill Mining | II |  |
|-----------------|-----------------|----|--|

SL = Severity Level

✓ = In Compliance

X = Alleged Violation

N/A = Not Applicable

Blank = Not Inspected

### General Comments

| Reference           | Comments   |
|---------------------|--|
| 10.1-1408.1         | <p>Disclosure Statement - Most recent Disclosure Statement information is listed at the bottom of this report. No changes to Key Personnel were reported during this review period.</p> <p>Please note that the Department has updated the agency's Disclosure Statement Forms (DISC-01, DISC-02, and DISC-03) as well as the instructions for completing the forms. The new forms and instructions are available on the DEQ public website at: <a href="https://www.deq.virginia.gov/permits-regulations/permits/waste/solid-waste">https://www.deq.virginia.gov/permits-regulations/permits/waste/solid-waste</a> under "Solid Waste Permit" -&gt; "Notice of Intent" -&gt; "Relevant Forms" -&gt; "Disclosure Statement."</p>                 |
| 10.1-1408.2         | Operator Certification - The facility has a licensed operator as required. Operator information is listed at the bottom of this report.  |
| 20-81-100.E         | <p>Unauthorized waste program and inspection - An Unauthorized Waste Control program (UAW) appears to be implemented at this facility. Training for UAW was conducted on July 2, 2021, for all applicable personnel. Random Load Inspections (RLI) are conducted for instate and out of state loads.</p> <p>Monthly Load counts and RLI totals were reviewed for September and October 2021, and appeared to meet or exceed the 1% in-state (8%)/10% out-of-state (21% DC and 12% MD) inspection frequency requirement. RLI forms were reviewed for September and October 2021, and appeared to verify compliance.</p> <p>Two loads were rejected in August due to containing municipal solid waste. The loads were rejected before dumping.</p> |
| 20-81-140.A.16      | Facility self inspections - General Manager, Mr. David Valdez, submitted weekly facility site inspection records for September and October 2021. Records were reviewed and appeared to show compliance.  |
| 20-81-140.A.17      | <p>Record maintained of waste received and processed - Intake records for September and October 2021 were reviewed onsite and reported the following:</p> <p>Month/Year ---- Total in Tons ---- Highest Daily Receipt</p> <p>Sep-2021 ----- 18,942 ----- 1263 tons (9-17)</p> <p>Oct-2021 ----- 18,627 ----- 1111 tons (10-28)</p> <p>Intake records reviewed were observed to be below the permitted maximum daily intake of 5,500 tons per day.</p>  |
| 20-81-485           | <p>Operations Manual - The current Operations Manual was reported as revised on June 28, 2021.</p> <p>The Operations Manual was certified as compliant with current operations on June 28, 2021, by the General Manager, Mr. Valdez.</p> <p>Ensure that the Operations Manual is recertified by June 28, 2022.</p>   |
| 20-81-530           | Permittee recordkeeping and reporting - No reportable issues were noted during the review period.  |
| 20-81-110.B         | Prohibited waste - No unauthorized waste was observed in the waste mass at the time of the inspection.   |
| 20-81-130           | Facility design / construction - The facility appeared to be designed and constructed in accordance with this regulation.  |
| 20-81-140.A.1,4     | <p>Safety and fire control - Monthly safety training records were reviewed for September and October 2021 and appeared to show compliance to the regulation.</p> <p>A fire control plan is maintained at the facility and is available for review by the public. Open burning of waste brought to the landfill is not permitted, and no open burning was observed during the inspection.</p>   |
| 20-81-140.A.6       | Pollutant discharge - No pollutants or solid wastes were reported or observed entering into surface waters, groundwaters, or waters of the United States during this inspection.   |
| 20-81-140.A.7       | Stormwater control system maintenance - Run-on/run-off control systems appeared to be constructed, maintained, and effective in controlling stormwater. No significant pooling or sediment discharges were noted.  |
| 20-81-140.A.8,14-15 | <p>Facility operation, maintenance, and training - Facility access is controlled by a scale house, gates, fences, and natural barriers. Scale attendants were on site and controlling access at the time of inspection.</p> <p>Facility appurtenances appeared to be maintained and operated as designed and approved in the facility permit.</p> <p>Facility equipment operating at the workface in Cell 2 during the onsite inspection appeared adequate with 1 tipper, 1 dozer, and 1 compactor processing waste. One additional compactor was stationed onsite to meet additional demands as needed.</p>   |

|                  |   |
|------------------|---|
|                  | <p>An excavator was positioned behind the tipper in Cell 2, equipped with a magnet to pull metal from the waste after dumping, in order to send off for recycling. An additional tipper was positioned on top of Cell 1 in preparation for moving filling operations back into Cell 1.</p>  |
| 20-81-140.A.9-13 | <p>Hazard and nuisance control - Blown litter was noted along the Northern and Western edge of Cells 2 during the onsite inspection. Portable litter fencing was stationed along the Eastern and Western edge of Cell 2 but litter was noted between the access road and the fence. No litter was being picked during the onsite inspection however the General Manager reported that litter is picked twice a week by contracted personnel.</p> <p>Onsite H2S odors were detected along the north-western edge of Cell 2 and along the western edge of Cell 1. General Manager, Mr. Valdez, explained the odor neutralizing system that was noted installed onsite to address the persistent odors emanating from landfill. The system installed was not operational during the visit however Mr. Valdez stated the system effectiveness is being reviewed by the contracted installer to fine tune operational conditions. Final operational equipment will be moved to a permanent location by February 2022. The temporary equipment and location was noted onsite near the Sump at the Western edge of Cells 1 &amp; 2. Operation is sporadic during the shakedown and system effectiveness review, as gas is pulled from leachate sump piping and either filtered through a gas scrubber or routed to a filtration box filled with deodorizer and mulch, stationed on top of Cell 1.</p> <p>DEQ received 24 odor complaints during the review period. The Facility has taken steps to address odor production with operational practices and gas control systems installation as noted above.</p> <p>There were no observed disease vectors during the onsite inspection.</p> <p>Salvaging was not noted during the onsite inspection with the exception of scrap metal recovery by facility personnel.</p> <p>Fugitive dust is controlled by an onsite water truck as needed. Dust was noted at the working face and access roads.</p> <p>No excessive mud or debris was noted tracked out onto the public roadway.</p> <p>Internal roads are maintained and were passable by ordinary vehicles.</p> |
| 20-81-140.C      | <p>Compaction and cover - During the onsite inspection the facility was placing waste in Cell 2. It was noted that clean soil is used as cover material on the top deck of Cell 1 and 2. Cracks and rills were noted along the western side slope of Cell 1 and 2. Ensure that areas where additional cover is needed that they are addressed to prevent stormwater from causing further erosion and prevent subsurface gasses from escaping to the atmosphere.</p> <p>Areas that are well vegetated appear to have been mowed within the year.</p> <p>Slope angles appeared to be less than 33%.</p> <p>Waste being deposited, and in place, did not appear to contain unauthorized waste.</p>   |
| 20-81-610-660    | <p>Special Waste - General Manager, Mr. Valdez, stated that no sludge, PCS, PCB, or ACM is accepted for disposal at the landfill.</p> <p>Facility records indicated that 2 loads of metal was shipped off-site to recyclers during the review period, totaling 10 tons. Additional scrap metal was noted collected and stored on top of Cell 1. Ensure scrap material is stored in areas detailed within the OPS Manual, and routinely sent to recyclers to avoid speculative accumulation, per 9VAC20-81-10.</p> <p>Facility records indicated that one load of tires were shipped off-site for processing, to Green Zone in Charles City (PBR556) during the review period. It was noted that waste tires are maintained in open-top containers until shipped off-site for processing. Ensure that waste tires are stored and processed accordingly.</p>  |
| 20-81-200        | <p>Decomposition gas control - 4th Qtr. 2021 monitoring had not been conducted as of the time of the onsite inspection.</p>   |
| 20-81-210        | <p>Leachate control - Leachate is pumped and stored into one 500,000 gallon storage tank, where transport trucks haul the liquid to Proctors Creek WWTP (VA0060194) for treatment.</p> <p>The facility hauled the following gallons per the corresponding months:</p> <p>September 2021 – 230,234 gallons;<br/>October 2021 – 142,872 gallons.</p> <p>During the onsite inspection, the control panel serving the leachate pump in Sump #1 was observed to register the leachate depth at 14.2 inches. The sump depth below the liner was previously reported at 24", thus no leachate over liner issues were realized.</p> <p>No seeps or exceedances of the leachate over liner were reported during the review period.</p>   |

### Disclosure Statement Details

| Key Personnel | Title            |
|---------------|------------------|
| David Valdez  | General Manager  |
| Michael Magee | Managing Partner |

Disclosure Statement Last Updated: 2/27/2020

### Waste Management Facility Operators

| Licensed Operator | License #  | Expiration Date |
|-------------------|------------|-----------------|
| David Valdez      | 4605003577 | 12/31/2021      |

PLEASE advise the Regional Office within 10 calendar days if any information noted in this report is incorrect, if you have taken appropriate action to meet compliance, or if there is other information that the department should consider regarding any alleged violations.

PLEASE be advised that this report is not an agency proceeding or determination which may be considered a case decision under the Administrative Process Act (VA Code 2.2-4000 et seq). If informal discussions do not lead to a satisfactory conclusion on the contents of this report, you may request in writing that DEQ take all necessary steps to issue a final decision or fact finding under the APA on whether or not a violation has occurred.