



Dacey, Katy <katy.dacey@deq.virginia.gov>

Taylor Road Landfill (SWP 270) Inspection Report 3/2/2022

1 message

Dacey, Katy <katy.dacey@deq.virginia.gov>
To: Landfill <landfill@sbcoxdemolition.com>
Cc: Greg Harris <gharris623@gmail.com>

Mon, Mar 7, 2022 at 1:40 PM

Mr. Cox,

Attached is the report for the Taylor Road Landfill (SWP 270) inspection conducted on 3/2/2022. A hard copy will not be mailed unless requested. Please let me know if you have any questions.

Thanks,
Katy Dacey
Solid Waste Inspector
NEW (804) 904-9321



SWP 270 3-2-2022 CEI ND.pdf

228K



Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

PIEDMONT REGIONAL OFFICE
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Andrew R. Wheeler
Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus
Director
(804) 698-4000

James Golden
Regional Director

March 7, 2022

Mr. Barbee Cox, III
President
S.B. Cox, Inc.
P.O. Box 7737
Richmond, Virginia 23231

NO DEFICIENCY LETTER

**Re: Taylor Road Landfill - Chesterfield County, VA
Solid Waste Permit No. 270**

Dear Mr. Cox:

On March 2, 2022, the Virginia Department of Environmental Quality Piedmont Regional office staff conducted a compliance inspection of the solid waste management facility operating under SWP 270. 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 SWP 270.

During the inspection, no apparent violations of the Act, Regulations, or SWP 270 were observed. A copy of the inspection checklist is enclosed. If you have any questions, please contact me at (804) 904-9321 or katy.dacey@deq.virginia.gov.

Sincerely,

A handwritten signature in cursive script that reads "Katy T. Dacey".

Katy T. Dacey
Solid Waste Compliance Inspector

cc: ECM – SWP 270
Greg Harris – S.B. Cox, Inc. (electronic)



Compliance Inspection Report

Inspection Summary

Facility: Taylor Road Landfill

Permit: SWP270

Region: Piedmont

Inspection Type: Compliance Evaluation Inspection

Facility Staff: Greg Harris

Inspector: Katy Dacey

Inspection Date: 3/2/2022

Approximate Arrival Time: 10:00am

Inspection Method: Announced

Exit Interview: Yes

Weather Conditions: 57°F sunny

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

| Reference | Description | SL | Result |
|---|---|-----|--------|
| Compliance Area: Operator Information | | | |
| 10.1-1408.1 | Disclosure Statement | I | ✓ |
| 10.1-1408.2 | Operator Certification | II | ✓ |
| Compliance Area: Recordkeeping, Reporting & Permit | | | |
| 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 | ✓ |
| Compliance Area: Design, Construction & Operation | | | |
| 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 | ✓ |
| Compliance Area: Closure & Post-Closure Care | | | |
| 20-81-160 | Closure requirements | II | |
| 20-81-170 | Post-closure care requirements | II | |
| Compliance Area: Decomposition Gas Control | | | |
| 20-81-200 | Decomposition gas control | II | ✓ |
| Compliance Area: Leachate Control | | | |
| 20-81-210 | Leachate control | II | ✓ |
| Compliance Area: Groundwater Monitoring | | | |
| 20-81-250 | Groundwater monitoring program | II | ✓ |
| 20-81-260 | Corrective action program | II | |
| Compliance Area: Landfill Mining | | | |
| 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 | Disclosure Statement - The facility's disclosure statement is updated as required and listed at the bottom of the report. |
| 10.1-1408.2 | Operator Certification - This facility has associated licensed operators. Operator information is listed at the bottom of the report. |
| 20-81-80 | Waste Assessment Program - The 2021 Solid Waste Information Assessment report is due to the Department by March 31, 2022. |
| 20-81-100.B | Compliance with the facility's permit - The facility was observed as maintained and operating in accordance with the solid waste permit and in accordance with the approved design and intended use of the facility. |
| 20-81-100.E | Unauthorized waste program and inspection - Unauthorized waste inspections were reviewed from November 2021 - February 2022 and were observed to meet the frequency requirement. The facility conducts 2 unauthorized waste inspections per day. Annual unauthorized waste training for all employees was conducted December 9, 2021. |
| 20-81-140.A.16 | Facility self inspections - Facility self inspections are conducted weekly and monthly. Facility self inspection records were reviewed from November 2021 - February 2022 and were observed to be sufficient. |
| 20-81-140.A.17 | Record maintained of waste received and processed - Records of waste received and processed were reviewed from November 2021 - February 2022. The facility landfilled the following tons per month: November 2021 – 11,968 tons (highest daily 690 tons) December 2021 – 10,150 tons (highest daily 560 tons) January 2022 – 9,230 tons (highest daily 650 tons) February 2022 – 10,106 tons (highest daily 700 tons) The facility appeared to be in compliance with 1,000 tons maximum per day. |
| 20-81-485 | Operations Manual - The facility Operations Manual was last re-certified on January 8, 2022 by Greg Harris (Landfill Supervisor) to be consistent with current operations and regulatory requirements. Regulations require that the Manual is reviewed and re-certified annually. Recertification is due no later than January 8, 2023. |
| 20-81-530 | Permittee recordkeeping and reporting - No deficiencies to the permittee reporting or recording requirements were observed during the inspection. |
| 20-81-110.B | Prohibited waste - No unauthorized waste was observed during the inspection. The facility accepts CDD waste, land clearing debris, shred, split or halved tires, white goods and non-friable asbestos. |
| 20-81-130 | Facility design / construction - Design and construction requirements were observed to be sufficient in accordance with regulatory requirements. The last stage of construction of Cell O was observed during the inspection to include applying the protective layer. |
| 20-81-140.A.1.4 | Safety and fire control - Safety meetings are conducted on a weekly basis. Safety meeting records were reviewed from November 2021 - February 2022 and were observed to be adequate. Topics of meetings to include working in cold weather, eye safety, asbestos, fire safety, etc. |
| 20-81-140.A.6 | Pollutant discharge - No pollutants or solid wastes were observed or reported entering into surface waters, groundwaters or waters of the United States. |
| 20-81-140.A.7 | Stormwater control system maintenance - All run-on/run-off control systems were observed to be adequately maintained. |
| 20-81-140.A.8,14-15 | Facility operation, maintenance, and training - Facility access is controlled by gate and natural barriers. The office is staffed during operational hours Monday - Saturday. No access issues were noted during the inspection. Facility appurtenances were observed to be properly maintained and operated. 1 dozer, 1 compactor and 1 excavator was observed in operation at the work face. |
| 20-81-140.A.9-13 | Hazard and nuisance control - No on-site or off-site odors, fugitive dusts, mud deposits, birds, vectors or blown litter were observed to be an issue during the inspection. The water truck was observed during the inspection suppressing dust throughout the facility. Internal roads were observed to be maintained and passable during the inspection. Greg Harris (Landfill Supervisor) stated that no odor complaints have been received since early November 2021. |
| 20-81-140.C | Compaction and cover - The working face was observed to be small as practical and adequately compacted. The facility was placing waste in Cell N. Portable litter fencing was observed surrounding the working face. Soil was observed to be the current cover material for progressive cover. Greg Harris stated that final capping of Cells A – F is scheduled to begin this summer. |
| 20-81-610-660 | Special Waste - No special waste requests have been received since the previous inspection. No special wastes were observed during this inspection. |

| | |
|-----------|---|
| 20-81-200 | Decomposition gas control - First quarter 2022 landfill gas (LFG) monitoring event was conducted January 19, 2022. LFG monitoring records reviewed indicated 0% methane in all boundary probes and facility structures. All LFG boundary probes in the monitoring network were observed to be labeled, locked and in adequate condition. |
| 20-81-210 | Leachate control - Leachate collected is stored in lined lagoons (#1, #2 and #3) then pumped and hauled to Proctors Creek Wastewater Treatment Plant (VA0060194). No leachate management issues were observed during the inspection. Leachate volume records were review from November 2021 - February 2022. Monthly totals of leachate hauled are listed below. November 2021 – 357,118 gallons December 2021 – 343,707 gallons January 2022 – 434,096 gallons February 2022 – 599,388 gallons Aerators were observed in operation during the inspection in lagoons #1 and #3. Greg Harris stated that the aerator in lagoon #2 was not in operation. Greg Harris stated was likely do to pump failure and will remediate after the inspection was completed. |
| 20-81-250 | Groundwater monitoring program - All groundwater monitoring wells in the compliance network were observed to be labeled, locked and in adequate condition. |

Disclosure Statement Details

| Key Personnel | Title |
|---------------------|------------------------|
| Greg Harris | Landfill Supervisor |
| S.B. Cox III | President |
| William Ottley, Jr. | General Superintendent |

Disclosure Statement Last Updated: 1/31/2017

Waste Management Facility Operators

| Licensed Operator | License # | Expiration Date |
|-------------------|------------|-----------------|
| Gregory Harris | 4605003532 | 5/31/2023 |
| S.B. Cox III | 4605001311 | 11/30/2022 |

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.