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**Taylor Road Landfill (SWP 270) Inspection Report 1/21/2020**

1 message

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**Dacey, Katy** <katy.dacey@deq.virginia.gov>  
To: Landfill <landfill@sbcoxdemolition.com>

Fri, Feb 7, 2020 at 2:28 PM

Mr. Cox,

Attached is the report for the Taylor Road Landfill (SWP 270) inspection conducted on 1/21/2020. A hard copy will not be mailed unless requested. Please let me know if you have any questions.

Thanks,

Katy Dacey

Solid Waste Inspector

(804) 527-5092

**SWP 270 1-21-2020 CEI ND.pdf**

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# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

PIEDMONT REGIONAL OFFICE

4949-A Cox Road, Glen Allen, Virginia 23060

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[www.deq.virginia.gov](http://www.deq.virginia.gov)

Matthew J. Strickler  
Secretary of Natural Resources

David K. Paylor  
Director

James J. Golden  
Regional Director

February 7, 2020

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 January 21, 2020, 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) 527-5092 or [katy.dacey@deq.virginia.gov](mailto: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



# Compliance Inspection Report

## Inspection Summary

**Facility:** Taylor Road Landfill

**Inspector:** Katy Dacey

**Permit:** SWP270

**Inspection Date:** 1/21/2020

**Region:** Piedmont

**Approximate Arrival Time:** 10:00am

**Inspection Type:** Compliance Evaluation Inspection

**Inspection Method:** Announced

**Facility Staff:** Greg Harris

**Exit Interview:** Yes

**Weather Conditions:** 27°F sunny

## 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	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.
20-81-100.B	Compliance with the facility's permit - During this inspection, the facility appeared to be in compliance with the permit.
20-81-100.E	Unauthorized waste program and inspection - Unauthorized waste inspections were reviewed from July 11, 2019 – January 20, 2020 and were observed to meet the frequency requirement. The facility conducts 2 unauthorized waste inspections per day.
20-81-140.A.16	Facility self inspections - Facility self inspections are conducted daily, weekly and monthly. Facility self inspection records were reviewed from July 11, 2019 – January 20, 2020 and were observed to be sufficient.
20-81-140.A.17	<p>Record maintained of waste received and processed - Records of waste received and processed were reviewed from July 2019 – December 2019. The facility received and landfilled the following:</p> <p>July 2019 – 12,101 tons            August 2019 – 12,540 tons            September 2019 – 12,150 tons            October 2019 – 12,600 tons            November 2019 - 12,650 tons            December 2019 – 10,450 tons</p> <p>The facility appeared to be in compliance with the maximum allowed per day of 1000 tons.</p>
20-81-485	Operations Manual - The facility Operations Manual was last re-certified on January 8, 2020 by Greg Harris to be consistent with current operations and regulatory requirements. Regulations require that the Manual is reviewed and re-certified annually or when changes are made. Recertification is due no later than January 8, 2021.
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 - Construction activities were observed in the future Cell O area. Design and construction requirements were observed to be sufficient in accordance with regulatory requirements.
20-81-140.A.1,4	Safety and fire control - Safety meetings are conducted on a weekly basis. Safety meeting records were reviewed from July 17, 2019 through January 7, 2020 and were observed to be adequate. Topics of meetings included flu, welding and cutting, PPE, slips trips and falls, falling objects, abrasive wheels, 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 in currently active areas were observed to be adequately maintained.
20-81-140.A.8,14-15	Facility operation, maintenance, and training - Facility access is controlled by gate, fencing 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. One compactor, one dozer and one excavator were observed operating at the working face.
20-81-140.A.9-13	<p>Hazard and nuisance control - No off-site or on-site odors were observed during the inspection. During the inspection, aerators were in operation in lagoons #2 and #3. Only one of the aerators was in operation in lagoon #1. Facility staff stated the second aerator in lagoon #1 was currently being repaired. Minimal fugitive dusts were observed coming from trucks hauling dirt to stockpiles in the South of the facility. No salvaging was observed during the inspection. Portable litter fencing was observed adjacent to the workface.</p> <p>Facility staff stated the following odor complaints were received from the same nearby resident for the corresponding months:</p> <p>July 2019 – 5 complaints            August 2019 – 1 complaint            September 2019 – 1 complaint</p> <p>Prior to the odor complaints received as listed above, odor complaints were received from the same nearby resident in earlier 2019. As a response to the earlier 2019 odor complaints, facility staff stated that three H2S monitors were rented to continuously measure the odors for a length of 30 days in July 2019. Two H2S monitors were placed within the waste management boundary and one H2S monitor was placed near the driveway entrance of the complainant's residence closest to the landfill. Facility staff stated during the 30 day monitoring period that 0 H2S odors were detected.</p>

20-81-140.C	Compaction and cover - The working face appeared to be sufficient in size and adequately compacted. The facility was placing waste in Cell P/Q.
20-81-610-660	Special Waste - No special waste requests have been received since the previous inspection. No special wastes were observed on site during this inspection.
20-81-160	Closure requirements - Final capping activities for Cells A/B, C, D, E and F was observed to be delayed. Erosion rills were observed on the Westside of Cell E. Sparse vegetation was observed in the Westside of Cell E and the Southside of Cells A/B, C and D. Additional vegetation and run off controls are recommended in these areas.
20-81-200	Decomposition gas control - Quarterly landfill gas monitoring events were conducted on September 25, 2019 and December 6, 2019. All monitoring records observed indicated 0% methane in facility probes and structures.
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 (VPDES Permit #VA0060194). No leachate management issues were observed during the inspection. Leachate volume records were review from July 2019 – January 2020. Monthly totals of leachate hauled are listed below.  July 2019 – 54,000 gallons August 2019 – 0 gallons September 2019 – 6,000 gallons October 2019 – 0 gallons November 2019 – 6,000 gallons December 2019 – 252,000 gallons January 2020 (thru 1/16) – 174,000 gallons
20-81-250	Groundwater monitoring program - All groundwater monitoring wells in the compliance network were observed to be label and locked.

### Disclosure Statement Details

Key Personnel	Title
Greg Harris	Landfill Supervisor
S.B. Cox III	
William Ottley, Jr.	

Disclosure Statement Last Updated: 1/31/2017

### Waste Management Facility Operators

Licensed Operator	License #	Expiration Date
Gregory Harris	4605003532	5/31/2021
S.B. Cox III	4605001311	11/30/2020

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.