



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

PIEDMONT REGIONAL OFFICE

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Matthew J. Strickler
Secretary of Natural Resources

David K. Paylor
Director

James J. Golden
Regional Director

July 3, 2019

Mr. Bruce Coble
Landfill Manager
Shoosmith Bros., Inc.
P.O. Box 2770
Chesterfield, Virginia 23832

NO DEFICIENCY LETTER

**Re: Shoosmith Sanitary Landfill - Chesterfield County, VA
Solid Waste Permit No. 587**

Dear Mr. Coble:

On June 20, 2019, the Virginia Department of Environmental Quality Piedmont Regional office staff conducted a compliance inspection of the solid waste management facility operating under SWP 587. 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 587.

During the inspection, no apparent violations of the Act, Regulations, or SWP 587 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.

Sincerely,

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

Katy T. Dacey
Solid Waste Compliance Inspector

cc: ECM – SWP 587

Shoosmith (SWP 587) Inspection Reports 5/21/19 & 6/20/19

1 message

Dacey, Katy <katy.dacey@deq.virginia.gov>
To: Bruce Coble <bcoble@shoosmithlandfill.com>

Wed, Jul 3, 2019 at 12:22 PM

Hey Bruce,



Attached are the reports for the Shoosmith Landfill (SWP 587) inspections conducted on 5/21/19 and 6/20/19. Hard copies will not be mailed unless requested. Please let me know if you have any questions.

Thanks,

Katy T. Dacey

Solid Waste Inspector

(804) 527-5092

2 attachments **SWP 587 5-21-2019 FCI.pdf**
222K **SWP 587 6-20-2019 CEI.pdf**
239K



Compliance Inspection Report

Inspection Summary

Facility: Shoosmith Sanitary Landfill

Inspector: Katy Dacey

Permit: SWP587

Inspection Date: 6/20/2019

Region: Piedmont

Approximate Arrival Time: 10:00am

Inspection Type: Compliance Evaluation Inspection

Inspection Method: Announced

Facility Staff: Tim Inge

Exit Interview: Yes

Other DEQ Staff: Eric Deibel (Air inspector)

Weather Conditions: 80 partly cloudy

Comments: An odor survey was conducted prior to arrival at the facility to investigate odor complaints.

Sanitary 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			
20-81-130	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.B	Compaction, cover & working face	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.A,B,E	Decomposition gas concentrations, monitoring & recordkeeping	II	✓
20-81-200.C	Decomposition gas-remediation	III	
20-81-200.D	Decomposition gas-odor management	I	
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	

General Comments

Reference	Comments
10.1-1408.1	Disclosure Statement - The disclosure statement is updated as required and listed at the bottom of this report.
10.1-1408.2	Operator Certification - The facility has licensed operators. Operator information is listed at the bottom of this report.
20-81-100.E	Unauthorized waste program and inspection - Unauthorized waste control program is being implemented at this facility. Unauthorized waste inspection records were reviewed from 3/6/2019 through 3/25/2019 and observed to meet the regulatory requirement. Unauthorized waste training was conducted last on November 28, 2018.
20-81-140.A.16	Facility self inspections - Daily facility self inspection records were reviewed from 3/6/2019 through 6/26/2019. Daily inspections included review of daily cover, litter, road conditions, blown litter and other activities/additional observations. Monthly facility self inspection records were reviewed from 3/31/2019 through 5/31/2019. Monthly inspections included review of closure cap, intermediate cover, leachate head, culverts, drainage, check dams. Additional monthly inspection records were reviewed from 4/5/2019 through 6/11/2019 for inspections of silt fences and erosion and sediment controls. All records review were observed to be adequate.
20-81-140.A.17	Record maintained of waste received and processed - Monthly waste intake records were reviewed from March 2019 – May 2019. The facility accepted the following tons per month: March 2019 - 83,409 tons (daily average 3,208 tons) April 2019 - 89,578 tons (daily average 3,445 tons) May 2019 – 90,401 tons (daily average 3,348 tons)
20-81-485	Operations Manual - The facility Operations Manual was last re-certified on 9/10/2018 by Bruce Coble 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 9/10/2019.
20-81-530	Permittee recordkeeping and reporting - No deficiencies in permittee reporting or record keeping requirements were noted during the inspection.
20-81-130	Facility design / construction - Design and construction requirements appear to be properly maintained in accordance with this regulation.
20-81-140.A.1,4	Safety and fire control - Safety meetings are held monthly. Records were reviewed for safety meetings conducted on 3/20/2019, 4/24/2019, 5/24/2019 and 6/11/2019 and were all observed to be adequate.
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 - The run-on/run-off control systems were observed to be generally maintained appropriately during the inspection.
20-81-140.A.8,14-15	Facility operation, maintenance, and training - Facility access is controlled by scale house, gates, fencing, natural barriers and an scale attendant on duty during operating hours. No access issues were noted. Facility appurtenances were observed to be adequately maintained and operated as designed in the facility permit. Adequate numbers of properly maintained equipment were observed in operation at the working face to consist of 2 dozers, 2 compactors, 1 tipper and 1 track hoe.
20-81-140.A.9-13	Hazard and nuisance control - An odor survey was conducted throughout surrounding area prior to arrival at the facility to investigate odor complaints from 9:00am to 10:00am to investigate odor complaints received. The temperature was 80 degrees and the winds were out of the Southeast and East Southeast directions throughout the survey at 0 MPH with gust up to 1 MPH. During the survey, odors are tracked on a 1-10 scale. At the time of the survey, waste odors were observed on Iron Bridge Road from the Sports Park to the entrance gate. No other odors were detected in the surrounding areas to include Arbor Lake and the Highlands neighborhoods. Mud deposits, birds and other vectors were not observed to be an issue during this inspection. Internal roads were observed to be maintained and passable during the inspection. Minimal fugitive dust was observed along the road to Cell 18 originating from trucks hauling final cover soil. The main odor misting system was not in operation during the inspection due to drilling activities and installation of additional landfill gas wells A temporary odor mister was observed adjacent to the work face.
20-81-140.B	Compaction, cover & working face - The facility is continuing to fill Cell 26D. The work face was observed to be small as practical during the inspection. Soil and Rusmar foam ADC (RusFoam) and continuing to be used as daily cover materials.
20-81-610-660	Special Waste - No special wastes have been received or requested at this facility since the previous inspection. No ACM issues were observed during the inspection.
20-81-160	Closure requirements - Seeding of the capped West side of Cell 22/24 areas was observed during the inspection. Final capping activities on the Southeast part of Cell 18 and Cell 11 are continuing.
20-81-200.A,B,E	Decomposition gas concentrations, monitoring & recordkeeping - Quarterly landfill gas monitoring events were conducted on 3/15/2019 and 6/21/2019. All monitoring records observed did not indicated any methane exceedances in boundary probes and structures.

	Drilling equipment was observed during the inspection in operation installing an additional landfill gas collection wells in Cell 13. Facility staff stated a total of 27 additional landfill gas collection wells are planned for installation. A portable mister was also observed adjacent to the drilling equipment.
20-81-210	<p>Leachate control - This facility directly discharges leachate to the Chesterfield County sanitary sewer system. The following amounts of leachate were discharged for the corresponding months as follows:</p> <p>January 2019: 1,147,744 gallons February 2019: 1,062,269 gallons March 2019: 1,251,842 gallons</p>

Disclosure Statement Details

Key Personnel	Title
Bruce Coble	
Fletcher Kelly	
Fred Nichols	
Lawrence McGee	
Tim Inge	

Disclosure Statement Last Updated: 11/10/2016

Waste Management Facility Operators

Licensed Operator	License #	Expiration Date
Bruce Coble	4605001728	12/31/2019
Tim Inge	4605002080	12/31/2020

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.