
Shoosmith (SWP 587) Inspection Report 3/5/2020

1 message

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

Mon, Mar 16, 2020 at 9:15 AM

Hey Bruce,


Attached is the report for the Shoosmith Landfill (SWP 587) inspection that was conducted on 3/5/2020. 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 587 3-5-2020 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

(804) 527-5020 Fax (804) 527-5106

www.deq.virginia.gov

Matthew J. Strickler
Secretary of Natural Resources

David K. Paylor
Director

James J. Golden
Regional Director

March 16, 2020

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 March 5, 2020, 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



Compliance Inspection Report

Inspection Summary

Facility: Shoosmith Sanitary Landfill

Permit: SWP587

Region: Piedmont

Inspection Type: Compliance Evaluation Inspection

Facility Staff: Bruce Coble

Inspector: Katy Dacey

Inspection Date: 3/5/2020

Approximate Arrival Time: 9:30am

Inspection Method: Announced

Exit Interview: Yes

Weather Conditions: 47°F partly cloudy, NNE wind 0-9 MPH

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.
20-81-80	Waste Assessment Program - The 2019 Solid Waste Information Assessment report is due to the Department by March 31, 2020.
20-81-100.B	Compliance with the facility's permit - The facility appeared to be in compliance with the permit during this inspection.
20-81-100.E	Unauthorized waste program and inspection - Unauthorized waste control program is being implemented at this facility. Random load inspection records were reviewed from 12/9/2019 through 2/28/2020 and observed to meet the regulatory requirement.
20-81-140.A.16	Facility self inspections - Daily facility self-inspection records were reviewed from 12/1/2019 through 3/4/2020. Monthly facility self-inspection records were reviewed from December 2019 through January 2020. 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 September 2019 – November 2019. The facility accepted the following tons per month: December 2019 – 73,281 tons (average daily tons 2819) January 2020 – 80,805 tons (average daily tons 3108) February – 66,380 tons (average daily tons 2655) The facility is in compliance with the max daily of 5,350 tons per day.
20-81-485	Operations Manual - The facility Operations Manual was last re-certified on 12/31/2019 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 12/31/2020.
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. Cell 26F was observed to be constructed and graded. Facility staff stated construction of the cell liner is scheduled to begin by the end of the week.
20-81-140.A.1,4	Safety and fire control - Monthly safety meeting records were reviewed for meetings conducted on 12/10/2019, 1/23/2020 and 2/25/2020. All records reviewed were 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 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.
20-81-140.A.9-13	Hazard and nuisance control - An odor survey was conducted from approximately 8:30am – 9:30am in the Highlands and Woodland Pond neighborhoods prior to facility arrival to investigate odor. The temperature was 48 degrees and the winds were out of the North North East direction throughout the survey at 0 MPH with gust up to 9 MPH. During the survey, odors are tracked on a 1-10 scale. At the time of the survey, no waste or landfill gas odors were observed in the Highlands or Woodland Pond neighborhoods. Birds and other vectors were not observed to be an issue during this inspection. No mud deposits, dirt or fugitive dust was observed on Iron Bridge Road before or after the facility entrance. Minimal fugitive dust was observed localized at the scale. Internal roads were observed to be maintained and passable during the inspection. Minimal on-site odor of LFG was observed on the West side of Cells 24/26. Blown litter was observed in areas surrounding the workface. Litter pickers were observed collecting blown litter. Litter is collected daily at this facility. One complaint was received on 2/24/2020 from a resident in the area regarding mud and dirt on Iron Bridge Road at the facility entrance.
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 with adequate compaction. Soil and Rusmar foam ADC (RusFoam) are 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.
20-81-160	Closure requirements - Established vegetation was observed on the West side of Cell 22/24 areas. Facility staff stated final capping of approximately 4 acres on top of Cell 11/12 and the West side of Cells 26 A-B is planned for this summer.
20-81-200.A,B,E	Decomposition gas concentrations, monitoring & recordkeeping - Quarterly landfill gas (LFG) monitoring event was conducted on 12/6/2019. LFG monitoring records observed indicated 0% methane in boundary probes and facility structures.
20-81-210	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: October 2019: 1,389,807 gallons November 019: 1,231,211 gallons December 2019: 1,372,804 gallons No leachate management issues were observed during the inspection.
20-81-250	Groundwater monitoring program - All groundwater monitoring wells in the compliance network were observed to be locked and labeled.

Disclosure Statement Details

Key Personnel	Title
Bruce Coble	Landfill Manager
Fletcher Kelly	VP Shoosmith Bros. Inc.
Fred Nichols	VP Shoosmith Bros. Inc.
Lawrence McGee	CFO/VP Shoosmith Bros. Inc.
Tim Inge	Grounds Maintenance Manager

Disclosure Statement Last Updated: 11/10/2016

Waste Management Facility Operators

Licensed Operator	License #	Expiration Date
Bruce Coble	4605001728	12/31/2021
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.