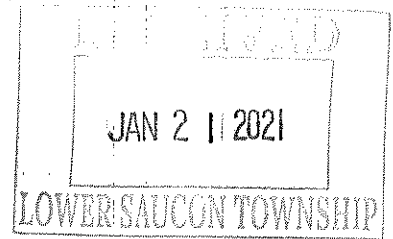




January 19, 2021

Mr. Dave Pannucci, Regional Engineer
Bethlehem Landfill Company
2335 Applebutter Road
Bethlehem, PA 18015



Re: Engineer's Monthly Status Report
Bethlehem Landfill Company
Lower Saucon Township, Northampton County
Permit No. 100020

Dear Mr. Pannucci:

This Engineer's Status Report is for the month of November. The Engineer's meeting was held at the Bethlehem Landfill on Tuesday Monday, December 29th. This report is informational only, without deadlines, and a response is required only if objections are taken to the items mentioned.

A. Pending Permit Applications

- 1. Form 37 Construction Certifications for Cell SE-2AB subgrade, subbase, MSE wall, geosynthetic installation and protective cover have been submitted and are currently under review.

B. Construction Schedule

- 1. SE-1B was being filled at the time of my visit. The average amount of waste accepted for the month of November was approximately 1,375 tons per day.
- 2. Construction of Cell SE-2AB is completed and awaiting construction certification approval.

C. Groundwater

- 1. Monitoring Wells: Total number of wells = 29
- 2. Abatement Wells: Total number of active wells = 10
- 3. Groundwater sampling for Q4 took place in December 2020.

D. Gas Management

- 1. There are 104 vertical gas wells currently installed. There are 34 horizontal collectors in operation.

Northeast Regional Office

2 Public Square | Wilkes-Barre, PA 18701-1915 | 570.826.2511 | Fax 570.826.5448 | www.dep.pa.gov

ROUTING

- Council
- Manager *ory*
- Asst. Mgr.
- Zoning
- Finance
- Police
- P. Works
- P/C
- P & R
- EAC
- Engineer
- Solicitor
- Planner
- Landfill
- EMC
- Other

webate

2. The flare was operating at approximately 2,911 scfm and 1,648°F at the time of my visit.

E. Leachate Management

1. Average daily leachate flow for the month of November was 107,197 gallons; the total leachate generated for the month was 3,215,818 gallons.

All flows went directly to the Bethlehem wastewater treatment plant.

F. Site Observations

1. Litter: No issues observed.
2. Odor: No issues observed.
3. Daily Cover: No issues observed.
4. Intermediate Cover: No issues observed.

G. Miscellaneous:

Enclosed as part of this report is the monthly Engineer's Report from Bethlehem Landfill for November, which includes site operations, radiation monitoring, truck safety, leachate management, and report submittals.

If you have any questions or comments concerning this report, please contact me at (570) 830-3128.

Sincerely,

Matthew Glogowski

Matthew Glogowski
Environmental Engineering Specialist
Waste Management Program

Enclosure

cc: Ms. Leslie Huhn, Lower Saucon Township (w/enc.)
Chris Taylor, Hanover Engineering (w/enc.)
Kevin N. Bodner, Martin and Martin, Inc. (w/enc.)

PADEP ENGINEER'S REPORT

November 2020

Date: December 29, 2020

1.	Site Operations:		
	a. Average Daily Volume		1375
	b. Maximum Daily Volume		1800
	c. Permitted Area		201
	d. Permitted Disposal area		110.60
	e. Capped acres (Takes Into Account Future Cap Removal)		26.10
	f. Constructed acres		96.30
2.	Radiation Monitoring: November		
	a. Number of trucks that tripped the monitor		0
	b. Number of trucks on hold or rejected		0
3.	Truck Safety & Overweight: November		
	a. Number of Overweight Trucks		33
	b. Number of Trucks Rejected Due To Overweight		0
4.	Leachate Management:		
	a. Type of Discharge		Direct to WWTP
	b. Total Leachate Generated November gal.		3,215,898
	c. Untreated Effluent Discharge to WWTP		100%
	d. Average Daily Flow gal.		107,197
	e. Leachate hauled Offsite		0%
	f. Detection zone flow (Max/week in g/a/d) November		
	LMC-6 - (4) LMC-7 - (0) LMC-8 - (1,253) PS-1 - (0) PS-2 - (10) PS-3 - (1) PS - 4 (5)		
5.	Leachate Storage:		
	a. Total Influent Storage Capacity		1,490,000
	b. 25% Influent Storage Capacity		372,500
	c. Current Volume stored est. 20% Stormwater for Dust Control		
6.	Gas Management:		
	a. Number of vertical wells (LFG extraction wells and cleanouts)		104
	b. Number of horizontal wells		34
	c. Number of Migration wells		15
7.	Groundwater		
	a. Number of monitoring wells		29
	b. Abatement wells (TW-1 Decommissioned)		10
8.	Reports Submitted:		
	Groundwater	None	
	Leachate	Monthly Leachate Demand Report	
	Quarterly	None	
	Other	Form U Submittals	Electronic Submittal

SE Realignment Construction Activities

SE-1B is the active disposal area.