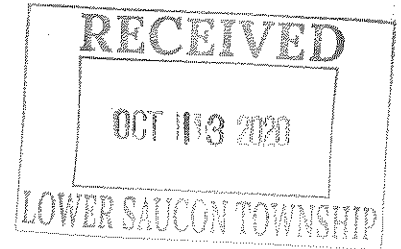


October 8, 2020

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 August. The Engineer's meeting was held at the Bethlehem Landfill on Thursday, September 24th. 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. A minor modification for Alternate Daily Cover was submitted to the Department on May 6, 2020 and is 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 August was approximately 1,375 tons per day.
2. Construction and excavation of 2A and 2B Phase 1 was taking place at the time of my visit.

C. Groundwater

1. Monitoring Wells: Total number of wells = 29
2. Abatement Wells: Total number of active wells = 10
3. Groundwater sampling for Q4 2020 will take place November 16-18.

D. Gas Management

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

Northeast Regional Office

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 - Landfill
 - EMC
 - Other

web site

2. The flare was operating at approximately 3,050 scfm and 1,658°F at the time of my visit.
3. The BRE plant has shut down and is no longer operating.

E. Leachate Management

1. Average daily leachate flow for the month of August was 84,915 gallons; the total leachate generated for the month was 2,632,354 gallons.

All flows went directly to the Bethlehem wastewater treatment plant.

F. Site Observations

1. Litter: Litter crews were deployed around the perimeter of the working face.
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 August, 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.)

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PADEP ENGINEER'S REPORT

August 2020

Date: September 24, 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: August	
	a. Number of trucks that tripped the monitor	3
	b. Number of trucks on hold or rejected	0
3.	Truck Safety & Overweight: August	
	a. Number of Overweight Trucks	77
	b. Number of Trucks Rejected Due To Overweight	0
4.	Leachate Management:	
	a. Type of Discharge	Direct to WWTP
	b. Total Leachate Generated August gal.	2,632,354
	c. Untreated Effluent Discharge to WWTP	100%
	d. Average Daily Flow gal.	84,915
	e. Leachate hauled Offsite	0%
	f. Detection zone flow (Max/week in g/a/d) August	
	LMC-6 – (4) LMC-7 – (0) LMC-8 – (803) PS-1 – (9) PS-2 – (0.4) PS-3 – (0) PS – 4 (12)	
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.