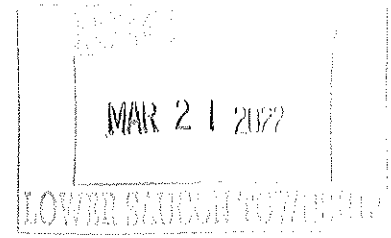




March 18, 2022



Mr. Dave Pannucci, Regional Engineer  
Bethlehem Landfill Company  
Via email: david.pannucci@wasteconnections.com

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 February. The Engineer's meeting was held at the Bethlehem Landfill on Monday, March 14, 2022. 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 Major Modification application for the Northern Realignment disposal area was received by the Department on December 14, 2020. The second environmental assessment technical deficiency response was received on February 25, 2022 and is currently under review.
2. A Construction Certification for Cell SE-2AB Phase 2 Subgrade and Subbase, received on January 25, 2022, and a Construction Certification for SE-2AB Phase 2 Geosynthetic, received on March 3, 2022, are both currently under review.

**B. Construction Schedule**

1. SE-2AB Phase 1 was being filled at the time of my visit. The average amount of waste accepted for the month of February was approximately 1,281 tons per day.
2. Final grading has been completed on the north side of the final capping area at the top of the landfill. Final capping activities in this area will continue through the spring.
3. Cell SE-2AB Phase 2 protective cover construction was taking place at the time of my visit. This is estimated to be completed before the end of March 2022.
4. The new Aria RNG facility is currently under construction.

**C. Groundwater**

1. Monitoring Wells: Total number of wells = 29

S

ROUTING

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

*website*

Northeast Regional Office

2. Abatement Wells: Total number of active wells = 10

#### **D. Gas Management**

1. There are 104 vertical gas wells currently installed. There are 34 horizontal collectors in operation.
2. The flare was operating at an average of approximately 2,985 scfm at 1,658 F at the time of my visit.

#### **E. Leachate Management**

1. Average daily leachate flow for the month of February was 74,242 gallons; the total leachate generated for the month was 2,078,786 gallons.

All flows went directly to the Bethlehem wastewater treatment plant.

#### **F. Site Observations**

1. Litter: Litter fencing was deployed. No issues observed.
2. Odor: Faint garbage odor near working face. No offsite odors detected.
3. Daily Cover: No issues observed.
4. Intermediate Cover: No issues observed.
5. Liner System: No issues observed.
6. Stormwater: DEP has requested that BLC perform regular sediment basin cleanouts and keep written records of cleanout dates. Sediment Basin 4 cleanout has been contracted and should take place in Spring 2022.

#### **G. Miscellaneous:**

Enclosed as part of this report is the monthly Engineer's Report from Bethlehem Landfill for February, 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

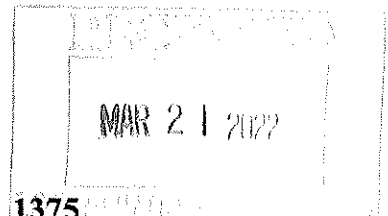
Enclosure – February 2022 Report

cc: Ms. Leslie Huhn, [manager@lowersaucontownship.org](mailto:manager@lowersaucontownship.org) (w/enc.)  
Scott Brown, [sbrown@hanovereng.com](mailto:sbrown@hanovereng.com) (w/enc.)  
Kevin N. Bodner, [knbodner@yahoo.com](mailto:knbodner@yahoo.com) (w/enc.)  
Cody White, [cody.white@wasteconnections.com](mailto:cody.white@wasteconnections.com) (w/enc.)

# PADEP ENGINEER'S REPORT

February 2022

**Date: March 14, 2022**



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: <b>February</b>	
	a. Number of trucks that tripped the monitor	1
	b. Number of trucks <b>on hold</b> or rejected	0
3.	Truck Safety & Overweight: <b>February</b>	
	a. Number of Overweight Trucks	45
	b. Number of Trucks Rejected Due To Overweight	0
4.	Leachate Management:	
	a. Type of Discharge	<b>Direct to WWTP</b>
	b. Total Leachate Generated <b>February</b> gal.	<b>2,078,786</b>
	c. Untreated Effluent Discharge to WWTP	<b>100%</b>
	d. Average Daily Flow gal.	<b>74,242</b>
	e. Leachate hauled Offsite	<b>0%</b>
	f. Detection zone flow (Max/week in g/a/d) <b>February</b>	
	<b>LMC-6 – (4) LMC-7 – (0) LMC-8– (1,013) PS-1 – (10) PS-2 – (0) PS-3 – (0) PS – 4 (3)</b>	
	<b>PS-5 (57)</b>	
5.	Leachate Storage:	
	a. Total Influent Storage Capacity	<b>1,490,000</b>
	b. 25% Influent Storage Capacity	<b>372,500</b>
	c. Current Volume stored <b>est. 20% Stormwater for Dust Control</b>	
6.	Gas Management:	
	a. Number of vertical wells (LFG extraction wells and cleanouts)	<b>104</b>
	b. Number of horizontal wells	<b>34</b>
	c. Number of Migration wells	<b>15</b>
7.	Groundwater	
	a. Number of monitoring wells	<b>29</b>
	b. Abatement wells (TW-1 Decommissioned)	<b>10</b>
8.	Reports Submitted:	
	Groundwater	<b>None</b>
	Leachate	<b>Monthly Leachate Demand Report</b>
	Quarterly	<b>None</b>
	Other	<b>Form U Submittals</b>
		<b>Electronic Submittal</b>

## SE Realignment Construction Activities

SE-2AB Phase I is the active disposal area.