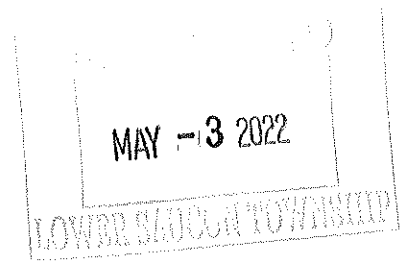




May 2, 2022



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 March. The Engineer's meeting was held at the Bethlehem Landfill on Monday, April 12, 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 renewal application for Bethlehem Landfill's solid waste permit was submitted to the Department on April 28, 2022 and is currently under review.
3. The Construction Certification package for Cell SE-2AB Phase 2 has been approved by the Department. This cell is now approved for waste disposal.

**B. Construction Schedule**

1. Cell SE-2AB Phase 1 was being filled at the time of my visit. The average amount of waste accepted for the month of March was approximately 1,489 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. There were no updates at the time of this site visit.
3. Cell SE-2AB Phase 2 construction is now complete and was approved by the Department for waste disposal.
4. The new Aria RNG facility is currently under construction.

S

ROUTING

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

Northeast Regional Office

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

Mr. Dave Pannucci

May 2, 2022

**C. Groundwater**

- 1. Monitoring Wells: Total number of wells = 29
- 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.

**E. Leachate Management**

- 1. Average daily leachate flow for the month of March was 81,142 gallons; the total leachate generated for the month was 2,515,390 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. An odor patrol as conducted on the day of the site visit and no offsite odors were detected.
- 3. Daily Cover: No issues observed.
- 4. Intermediate Cover: No issues observed.
- 5. Liner System: No issues observed.
- 6. Stormwater: A full sediment basin cleanout operation was being conducted at the time of this site visit.

**G. Miscellaneous:**

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

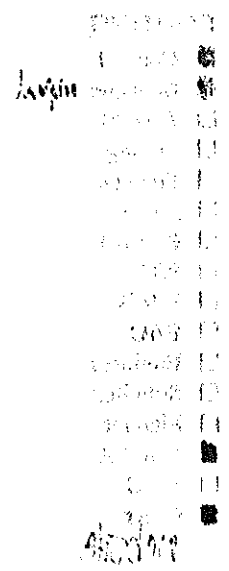
Sincerely,

*Matthew Glogowski*

Matthew Glogowski  
Environmental Engineering Specialist  
Waste Management Program

Enclosure – March 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

March 2022

Date: April 12, 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: **March**
  - a. Number of trucks that tripped the monitor 1
  - b. Number of trucks **on hold** or rejected 0
  
3. Truck Safety & Overweight: **March**
  - a. Number of Overweight Trucks 66
  - b. Number of Trucks Rejected Due To Overweight 0
  
4. Leachate Management:
  - a. Type of Discharge Direct to WWTP
  - b. Total Leachate Generated **March** gal. 2,515,390
  - c. Untreated Effluent Discharge to WWTP 100%
  - d. Average Daily Flow gal. 81,142
  - e. Leachate hauled Offsite 0%
  - f. Detection zone flow (Max/week in g/a/d) **March**  
**LMC-6 – (2) LMC-7 – (0) LMC-8– (1,695) PS-1 – (4) PS-2 – (0) PS-3 – (0) PS – 4 (0) PS-5 (28)**
  
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	<b>Q1 2022 Groundwater Report</b>	
Leachate	<b>Monthly Leachate Demand Report</b>	
Quarterly	<b>Q1 2022 Residual Waste Report</b>	
Other	<b>Form U Submittals</b>	<b>Electronic Submittal</b>

SE Realignment Construction Activities

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