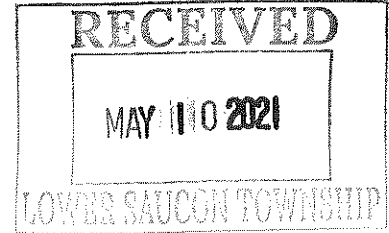




May 6, 2021



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 March. The Engineer's meeting was held at the Bethlehem Landfill on April 20th, 2021. 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 2AB subgrade, subbase, MSE wall, geosynthetic installation and protective cover have been approved.
2. A Form 37 Construction certification for Cell 2AB South Phase 1 was received on April 27, 2021 and is currently under review.

B. Construction Schedule

1. SE-2AB was being filled at the time of my visit. The average amount of waste accepted for the month of March was approximately 1,534 tons per day.
2. Temporary cap has been placed in the upper north western area of the landfill. Placement of temporary cap is now 100% completed.

C. Groundwater

1. Monitoring Wells: Total number of wells = 29
2. Abatement Wells: Total number of active wells = 10

Northeast Regional Office

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

S
ROUTING

- Council
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- Zoning
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- P. Works
- P/C
- P & R
- EAC
- Engineer
- Solicitor
- Planner
- Landfill
- EMC
- Other

*weber's
dep march*

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 approximately 3,180 scfm and 1,658°F at the time of my visit.

E. Leachate Management

1. Average daily leachate flow for the month of March was 70,061 gallons; the total leachate generated for the month was 2,171,877 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 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 2021 Report

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
March 2021

Date: April 20, 2021

- | | | |
|----|--|---------------------------------------|
| 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 | 72 |
| | 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. | 2,171,887 |
| | c. Untreated Effluent Discharge to WWTP | 100% |
| | d. Average Daily Flow gal. | 70,061 |
| | e. Leachate hauled Offsite | 0% |
| | f. Detection zone flow (Max/week in g/a/d) March | |
| | LMC-6 – (2) LMC-7 – (0) LMC-8– (643) PS-1 – (11) PS-2 – (0) PS-3 – (0) PS – 4 (4) | |
| 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-2AB Phase I is the active disposal area.