



April 29, 2019

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

Re: Engineer's Monthly Status Report
IESI PA Bethlehem Landfill
Lower Saucon Township, Northampton County
I.D. No. 100020

Dear Mr. Pannucci:

This Engineer's Status Report is for the month of March. The Engineer's meeting was held at the landfill on Tuesday, April 23rd. 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. Nothing pending at this time.

B. Construction Schedule

1. Construction in the southeast realignment area SE-1B (directly north of SE-1A) began in February and is currently ongoing.
2. SE-1A was being filled at the time of my visit. The average amount of waste accepted was approximately 1,200 tons per day.

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 119 vertical gas wells currently installed. There are 44 horizontal collectors in operation.

ROUTING

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

Northeast Regional Office

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PADEP ENGINEER'S REPORT

March 2019

Date: April 23, 2019

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) 26.20
 - f. Constructed acres 89.24

2. Radiation Monitoring: **March**
 - a. Number of trucks that tripped the monitor 7
 - b. Number of trucks **on hold** or rejected 0

3. Truck Safety & Overweight: **March**
 - a. Number of Overweight Trucks 55
 - 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.** 2,468,518
 - c. Untreated Effluent Discharge to WWTP 100%
 - d. Average Daily Flow gal. 79,630
 - e. Leachate hauled Offsite 0%
 - f. Detection zone flow (Max/week in g/a/d) **March**
LMC-6 – (60) LMC-7 – (0) LMC-8 – (466) PS-1 – (53) PS-2 – (0) PS-3 – (1) PS – 4 (0)

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) 119
 - b. Number of horizontal wells 35
 - c. Number of Migration wells 17

7. Groundwater
 - a. Number of monitoring wells 29
 - b. Abatement wells (TW-1 shut off per DEP approval) 10

8. Reports Submitted:

Groundwater	None	
Leachate	Monthly Leachate Demand Report	
Quarterly	None	
Other	Form U Submittals	Electronic Submittal