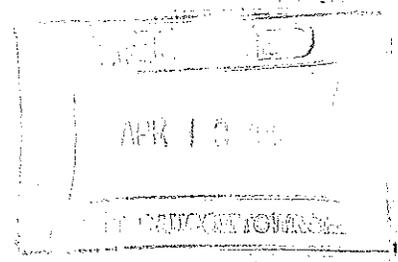




April 9, 2015



IESI PA Bethlehem Landfill  
c/o Mr. Lee Zimmerman, District Manager  
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. Zimmerman:

This Engineer's Status Report is for the month of March. The Engineer's meeting was held at the landfill on Tuesday, April 7. 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 for the southeastern realignment was received on January 21.

**B. Construction Schedule**

1. Cell 4D/4E interface area was being filled at the time of my visit. Average amount of waste accepted was approximately 1250 to 1400 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 140 vertical gas wells and 40 horizontal collectors in operation.

**E. Leachate Management**

1. The flare was operating at approximately 1630 scfm and 1655°F on the morning of my visit.
2. Average daily leachate flow for March was 38,380 gallons. Total leachate generated for the month of March was 1,189,777 gallons, all of which went directly to the Bethlehem wastewater treatment plant.

S

ROUTING

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

Northeast Regional Office

# PADEP ENGINEER'S REPORT

March 2015

Date: April 7, 2015

1. Site Operations:
  - a. Average Daily Volume 1375
  - b. Maximum Daily Volume 1800
  - c. Permitted Area 201
  - d. Permitted Disposal area 127.5
  - e. Capped acres 71.8
  - f. Constructed acres 82.7
  
2. Radiation Monitoring: **March** 2
  - a. Number of trucks that tripped the monitor 0
  - b. Number of trucks **on hold** or rejected 0
  
3. Truck Safety & Overweight: **March**
  - a. Number of Overweight Trucks 52
  - 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. 1,189,777
  - c. Untreated Effluent Discharge to WWTP 100%
  - d. Average Daily Flow gal. 38,380
  - e. Leachate hauled Offsite 0%
  - f. Detection zone flow (Max/week in g/a/d) **March**  
LMC-6 - (61) LMC-7 - (42) LMC-8- (671) PS-1 - (2) PS-2 - (<1) PS-3 - (<1)
  
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) 140
  - b. Number of horizontal wells 40
  
7. Groundwater
  - a. Number of monitoring wells 29
  - b. Abatement wells (TW-1 shut off per DEP approval) 10
  
8. Reports Submitted:

Groundwater	Abatement report	3/20/14
Air Monitoring	SSM notices	electronic submittal
Gas Reports	LFG Well construction notice	3/25/15
Quarterly	1Q15 DEP facility Report	due 4/20/15
Other	Form U App. To P. Jarecki	electronic submittal