



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

October 15, 2013

IESI PA Bethlehem Landfill
c/o Mr. Sam Donato, Landfill 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. Donato:

This Engineer's Status Report is for the month of September. The Engineer's meeting was held at the landfill on Wednesday, October 9. 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 construction certification for the completion of Cell 4E, Stage 2, was submitted to DEP on August 23 and was approved on September 24.

B. Construction Schedule

1. Regrading in Phase IV, Cell 4B, pursuant to the minor modification approved earlier this year, began Thursday, October 3. As of the date of our visit, IESI was disposing of waste in upper Cell 4B area.

C. Groundwater

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

Gas Management

1. The power plant (BRE/PEPCO) is operating. The flare was not running because a new, larger blower (capacity approximately 4,000 scfm) was being installed at the flare at the time of our visit. Work was expected to be completed within the next day or so (by about October 10) and the flare will be put back on line.
2. Currently there are 121 vertical gas wells (including extraction and cleanouts) and 33 horizontal gas wells.

ROUTING

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

Web

PADEP ENGINEER'S REPORT

September 2013

Date: October 9, 2013

1. Site Operations:
 - a. Average Daily Volume 1375
 - b. Maximum Daily Volume 1800
 - c. Permitted Area 201
 - d. Permitted Disposal area 99.15
 - e. Capped acres 70
 - f. Constructed acres 70.9

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

3. Truck Safety & Overweight: **September**
 - a. Number of Overweight Trucks 33
 - b. Number of Trucks Rejected Due To Overweight 0

4. Leachate Management:
 - a. Type of Discharge **Direct to WWTP**
 - b. Total Leachate Generated **September** gal. 1,012,790
 - c. Untreated Effluent Discharge to WWTP 100%
 - d. Average Daily Flow gal. 33,760
 - e. Leachate hauled Offsite 0%
 - f. Detection zone flow (Max/week in g/a/d) **September**
LMC-6 – (10) LMC-7 – (12) LMC-8 – (328) PS-1 – (1) PS-2 – (3) PS-3 – (27)

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) 121
 - b. Number of horizontal wells 33

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

8. Reports Submitted:
 - a. Groundwater **Abatement report** 9/20/13
 - b. Air Monitoring **SSM notices** electronic submittal
 - c. Gas Reports **LFG Well Construction Notice** 9/19/13
 - d. Quarterly **3Q13 Facility Report** due 9/21/13
 - e. Other **Form U App. To P. Jarecki** electronic submittal