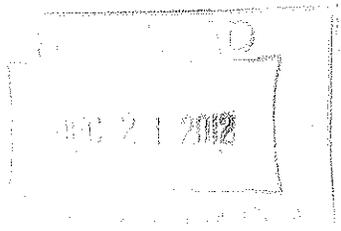




# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NORTHEAST REGIONAL OFFICE

December 18, 2012



Mr. Sam Donato, Landfill Manager  
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. Donato:

This Engineer's Status Report is for the month of November. The Engineer's meeting was held at the landfill on Friday, December 14, 2012. 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. No permit applications are pending at this time. A minor modification for a regrading project is expected to be submitted in early January.

### B. Construction Schedule

1. Currently disposing of waste in Cell 4E.

### C. Groundwater

1. Monitoring Wells: Total number of wells = 29
2. Abatement Wells: Total number of active wells = 10
3. Quarterly groundwater monitoring is scheduled for the week of December 17<sup>th</sup>.

### D. Gas Management

1. The power plant (BRE/PEPCO) is still down. The flare was running at about 2,100 scfm on the date of our visit.

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

# PADEP ENGINEER'S REPORT

November 2012

Date: December 14, 2012

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: **November**
  - a. Number of trucks that tripped the monitor 5
  - b. Number of trucks **on hold** or rejected 0
  
3. Truck Safety & Overweight: **November**
  - a. Number of Overweight Trucks 58
  - b. Number of Trucks Rejected Due To Overweight 0
  
4. Leachate Management:
  - a. Type of Discharge Direct to WWTP
  - b. Total Leachate Generated **November** gal. 948,576
  - c. Untreated Effluent Discharge to WWTP 100%
  - d. Average Daily Flow gal. 31,619
  - e. Leachate hauled Offsite 0%
  - f. Detection zone flow (Max/week in g/a/d) **November**  
LMC-6 – (15) LMC-7 – (10) LMC-8– (350) PS-1 – (1) PS-2 – (<1)

**LMC flow rates and total leachate estimated for the weeks ending 11/2 and 11/9, 2012 due to power outage from Hurricane Sandy**
  
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) 112
  - b. Number of horizontal wells 30
  
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 11/19/12
  - b. Air Monitoring SSM notices electronic submittal
  - c. Gas Reports LFG Well Constr. Notice 11/7/12
  - d. Quarterly 3Q12 Groundwater Report 11/12/12
  - e. Other Form U App. To P. Jarecki electronic submittal  
Form U to LST electronic submittal