



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST REGIONAL OFFICE

am

FILE COPY

May 15, 2012

Mr. Sam Donato, Landfill Manager
IESI PA Bethlehem Landfill
2335 Applebutter Road
Bethlehem, PA 18015

MAY 16 2012

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

Dear Mr. Donato:

April

This Engineer's Status Report is for the month of ~~March~~. The Engineer's meeting was held at the landfill on Thursday, May 3, 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. The minor modification submitted on December 19, 2011, for the change to the grade of the boundary of Cell 4E (Westerly Anchor Trench), Phase IV, is under review.

B. Construction Schedule

1. Currently disposing of waste in Cell 4B, stage 3, and Cell 4F.
2. Blended topsoil is being placed on the south slopes of Cells 4B and 4D for intermediate cover; these areas will be hydroseeded as soon as weather permits.

C. Groundwater

1. Monitoring Wells: Total number of wells = 28
2. Abatement Wells: Total number of active wells = 10

D. Gas Management

1. The power plant (BRE/PEPCO) is down for maintenance until some time in June. They are working on correcting operational problems that led to an excessive discharge to the City POTW that included a strong odor, as well as oil and grease and metals, on or about February 8, 2012. The corrections may include installing additional treatment systems.

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PADEP ENGINEER'S REPORT

April 2012

Date: May 3, 2012

1. Site Operations:
 - a. Average Daily Volume 1375
 - b. Maximum Daily Volume 1800
 - c. Permitted Area 201
 - d. Permitted Disposal area 95
 - e. Capped acres 70
 - f. Constructed acres 70.9

2. Radiation Monitoring: April
 - a. Number of trucks that tripped the monitor 5
 - b. Number of trucks on hold or rejected 0

3. Truck Safety & Overweight:
 - a. Number of Overweight Trucks 38
 - b. Number of Trucks Rejected Due To Overweight 0

4. Leachate Management:
 - a. Type of Discharge Direct to WWTP
 - b. Total Leachate Generated April gal. 771,492
 - c. Untreated Effluent Discharge to WWTP 100%
 - d. Average Daily Flow gal. 25,716
 - e. Leachate hauled Offsite 0%
 - f. Detection zone flow (Max/week in g/a/d) April
LMC-6 – (12) LMC-7 – (22) LMC-8– (122) PS-1 – (2) PS-2 – (<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) 112
 - b. Number of horizontal wells 30

7. Groundwater
 - a. Number of monitoring wells 28
 - b. Abatement wells (TW-1 shut off per DEP approval) 10

8. Reports Submitted:
 - a. Groundwater Abatement report 4-12-12
1Q12 GW Report 4/25/12
 - b. Air Monitoring SSM notices electronic submittal
 - c. Gas Reports submitted quarterly 4/19/12
 - d. Quarterly 1Q12 Facility Report 4/19/12
 - e. Other Form U App. To P. Jarecki electronic submittal
Form U to LST electronic submittal

