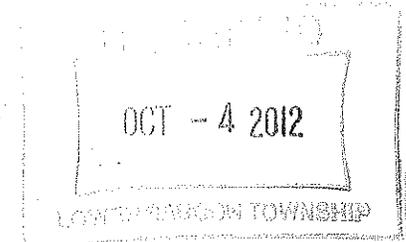




pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHEAST REGIONAL OFFICE



September 28, 2012

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 August. The Engineer's meeting was held at the landfill on Thursday, September 13, 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, was approved on August 20.
2. A construction certification for the Phase XI cap work in Cell 4A East was received on July 12 and was approved on September 6.
3. A construction certification for monitoring wells related to the construction of Cell 4E was received on August 9 and was approved on September 6.

S

~~ROUTING~~ B. Construction Schedule

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

1. Currently disposing of waste in Cells 4B, 4D, and 4F.
2. Construction of Cell 4E is nearing completion. On the day of our visit, the last of the electrical work at the pump house was being completed.

Groundwater

1. Monitoring Wells: Total number of wells = 29
2. Abatement Wells: Total number of active wells = 10
3. The 2Q2012 groundwater report was submitted to DEP on August 22.

orig

Web

D. Gas Management

The power plant (BRE/PEPCO) is up and running again. The flare was running at about 1,000 scfm on the date of our visit.

E. Leachate Management

- 1. Leachate management statistics for August are provided on the attached report from IESI.
- 2. Average daily leachate flow for August was 24,099 gallons. Total leachate generated for the month was 747,083 gallons, all of which went directly to the Bethlehem wastewater treatment plant.

F. Site Observations

- 1. Litter: No issues observed.
- 2. Odor: No offsite odors were detected at the time of this visit.
- 3. Daily Cover: No issues observed.
- 4. Intermediate Cover: No issues observed.
- 5. The C/D waste material quarantined due to radioactivity remains at the site. The contractor is coordinating transportation permitting requirements and hopes to move the material within the next few weeks.
- 6. We visited several areas of the site to observe current conditions. The north access road, used for quarterly sampling work, is passable; we noted the entrance was regraded to decrease its slope. Sections of perimeter fencing along this road that had incurred storm damage were scheduled for repair on or about September 25. We observed that a section of the silt fencing opposite the MSE berm had been replaced where it was deemed necessary. We also discussed the recently completed culvert work at the entrance to stormwater basin 4, including the installation of 36" pipe.

If you have any questions concerning this report, please contact me at 570-826-2064.

Sincerely,



Susan E. French
Environmental Engineer
Waste Management Program

Enclosure

- cc: Allen Schleyer, IESI PA Bethlehem Landfill (w/enc.)
- Lower Saucon Township (w/enc.)
- James B. Birdsall, P.E., Hanover Engineering (w/enc.)
- Chris Taylor, Hanover Engineering (w/enc.)
- Kevin N. Bodner, Martin and Martin, Inc. (w/enc.)

[Illegible stamp or list of names and dates, possibly a distribution log or routing slip, located on the right margin of the page.]

PADEP ENGINEER'S REPORT

August 2012

Date: September 13, 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: **August**
 - a. Number of trucks that tripped the monitor 4
 - b. Number of trucks **on hold** or rejected 1 (Ra226)

3. Truck Safety & Overweight:
 - a. Number of Overweight Trucks 54
 - b. Number of Trucks Rejected Due To Overweight 0

4. Leachate Management:
 - a. Type of Discharge Direct to WWTP
 - b. Total Leachate Generated **August** gal. 747,083
 - c. Untreated Effluent Discharge to WWTP 100%
 - d. Average Daily Flow gal. 24,099
 - e. Leachate hauled Offsite 0%
 - f. Detection zone flow (Max/week in g/a/d) **August**
LMC-6 – (7) LMC-7 – (10) LMC-8– (134) PS-1 – (1) 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 29
 - b. Abatement wells (TW-1 shut off per DEP approval) 10

8. Reports Submitted:
 - a. Groundwater **Abatement report** 8/17/12
 - b. Air Monitoring **SSM notices** electronic submittal
 - c. Gas Reports **submitted quarterly** 7/19/12
 - d. Quarterly **2Q12 PADEP Groundwater Report** 8/22/12
 - e. Other **Form U App. To P. Jarecki** electronic submittal
Form U to LST electronic submittal