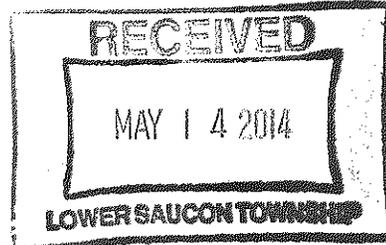




pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

May 12, 2014



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 April. The Engineer's meeting was held at the landfill on Thursday, May 8. 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. None pending at this time.

B. Construction Schedule

1. Regrading in Phase IV pursuant to the minor modification approved last year is finished. Soil spreading and seeding will take place as weather permits.
2. Cell 4E is now being filled.

C. Groundwater

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

D. Gas Management

1. The flare was operating at 1200 scfm and 1734°F on the morning of my visit.
2. There are a total of 132 vertical gas wells and 39 horizontal collectors in operation.

E. Leachate Management

1. Leachate management statistics for April are provided on the attached report from IESI.

S

ROUTING

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

Orig

Wed

Northeast Regional Office

2 Public Square | Wilkes-Barre, PA 18701-1915 | 570.826.2511 | Fax 570.826.5448 | www.depweb.state.pa.us

2. Average daily leachate flow for April was 42,863 gallons. Total leachate generated for the month was 1,285,930 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.

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

Sincerely,



Susan E. French
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.)

PADEP ENGINEER'S REPORT

April 2014

Date: May 8, 2014

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 71.8
 - f. Constructed acres 70.9

2. Radiation Monitoring: April 3
 - a. Number of trucks that tripped the monitor
 - b. Number of trucks on hold or rejected 0

3. Truck Safety & Overweight: April
 - a. Number of Overweight Trucks 42
 - 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. 1,285,930
 - c. Untreated Effluent Discharge to WWTP 100%
 - d. Average Daily Flow gal. 42,863
 - e. Leachate hauled Offsite 0%
 - f. Detection zone flow (Max/week in g/a/d) April
LMC-6 - (52) LMC-7 - (49) LMC-8 - (462) PS-1 - (3) PS-2 - (<1) PS-3 - (8)

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 - Total includes wells constructed in 2014
 - a. Number of vertical wells (LFG extraction wells and cleanouts) 132
 - b. Number of horizontal wells 39

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	4/18/14
Air Monitoring	SSM notices	electronic submittal
Gas Reports	submitted with quarterly report	4/18/14
Quarterly	1Q14 DEP Facility Report	4/18/14
Other	Form U App. To P. Jarecki	electronic submittal