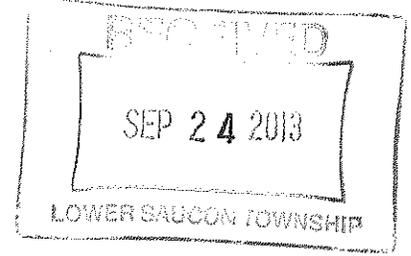




pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHEAST REGIONAL OFFICE



September 19, 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 August. The Engineer's meeting was held at the landfill on Thursday, September 12. 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 is under review.

B. Construction Schedule

1. Currently disposing of waste in Cell 4B.

C. Groundwater

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

D. Gas Management

1. The power plant (BRE/PEPCO) is operating. The flare was running at 980 scfm and 1655°F on the date of my visit.
2. Currently there are 121 vertical gas wells (including extraction and cleanouts) and 33 horizontal gas wells.

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

2 Public Square | Wilkes-Barre, PA 18701-1915

Mr. Sam Donato

September 19, 2013

E. Leachate Management

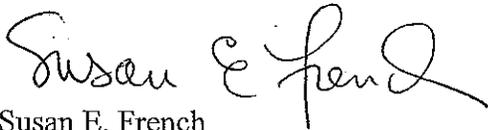
1. Leachate management statistics for August are provided on the attached report from IESI.
2. Average daily leachate flow for August was 34,827 gallons. Total leachate generated for the month was 1,044,810 gallons, all of which went directly to the Bethlehem wastewater treatment plant.

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.

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.)

PADEP ENGINEER'S REPORT

August 2013

Date: September 12, 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: August 4
 - a. Number of trucks that tripped the monitor
 - b. Number of trucks **on hold** or rejected 0

3. Truck Safety & Overweight: August
 - a. Number of Overweight Trucks 55
 - 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. 1,044,810
 - c. Untreated Effluent Discharge to WWTP 100%
 - d. Average Daily Flow gal. 34,827
 - e. Leachate hauled Offsite 0%
 - f. Detection zone flow (Max/week in g/a/d) August
LMC-6 – (12) LMC-7 – (13) LMC-8– (201) PS-1 – (1) PS-2 – (<1) PS-3 – (18)
 - PS-3 DZ flow is due to rain events during secondary liner tie-in and construction activity. CQA will provide documentation.

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 8/20/13
 - b. Air Monitoring SSM notices electronic submittal
 - c. Gas Reports submitted quarterly due 10/20/13
 - d. Quarterly 2Q13 Groundwater Report 8/19/13
 - e. Other Form U App. To P. Jarecki electronic submittal
DEP AQ Inspection Report response 8/21/13