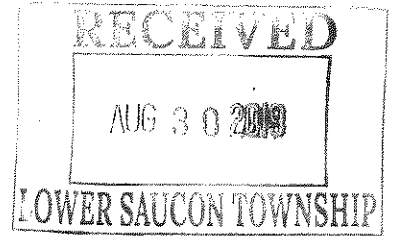




de



Mr. Dave Pannucci, Regional Engineer
 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. Pannucci:

This Engineer's Status Report is for the month of July. The Engineer's meeting was held at the IESI landfill on Thursday, August 22nd. 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

- Nothing pending at this time.

B. Construction Schedule

- SE-1B was being filled at the time of my visit. The average amount of waste accepted was approximately 1,375 tons per day.

C. Groundwater

- Monitoring Wells: Total number of wells = 29
- Abatement Wells: Total number of active wells = 10

D. Gas Management

- There are 119 vertical gas wells currently installed. There are 44 horizontal collectors in operation.
- The flare was operating at approximately 3,001 scfm and 1665°F at the time of my visit.
- The BRE plant has shut down and is no longer operating.

E. Leachate Management

- Average daily leachate flow for the month of July was 117,120 gallons; the total leachate generated for the month was 3,630,720 gallons.
 All flows went directly to the Bethlehem wastewater treatment plant.

ROUTING

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

Northeast Regional Office

Mr. Dave Pannucci

August 27, 2019

F. Site Observations

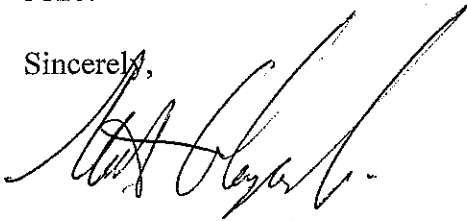
1. Litter: No issues observed.
2. Odor: No issues observed.
3. Daily Cover: No issues observed.
4. Intermediate Cover: No issues observed.

G. Miscellaneous:

Enclosed as part of this report is the monthly Engineer's Report from IESI Landfill for July, which includes site operations, radiation monitoring, truck safety, leachate management, and report submittals.

If you have any questions or comments concerning this report, please contact me at (570) 830-3128.

Sincerely,



Matthew Glogowski
Environmental Engineer Trainee
Waste Management Program

Enclosure

cc: Ms. Leslie Huhn, Lower Saucon Township (w/enc.)
Chris Taylor, Hanover Engineering (w/enc.)
Kevin N. Bodner, Martin and Martin, Inc. (w/enc.)

PADEP ENGINEER'S REPORT

July 2019

Date: August 21, 2019

1. Site Operations:
 - a. Average Daily Volume 1375
 - b. Maximum Daily Volume 1800
 - c. Permitted Area 201
 - d. Permitted Disposal area 110.60
 - e. Capped acres (Takes Into Account Future Cap Removal) 26.20
 - f. Constructed acres 89.24

2. Radiation Monitoring: **July**
 - a. Number of trucks that tripped the monitor 1
 - b. Number of trucks **on hold** or rejected 0

3. Truck Safety & Overweight: **July**
 - a. Number of Overweight Trucks 51
 - b. Number of Trucks Rejected Due To Overweight 0

4. Leachate Management:
 - a. Type of Discharge Direct to WWTP
 - b. Total Leachate Generated **July** gal. 3,630,720
 - c. Untreated Effluent Discharge to WWTP 100%
 - d. Average Daily Flow gal. 117,120
 - e. Leachate hauled Offsite 0%
 - f. Detection zone flow (Max/week in g/a/d) **July**
LMC-6 – (149) LMC-7 – (0) LMC-8– (452) PS-1 – (41) PS-2 – (0) PS-3 – (0) PS – 4 (42)

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) 119
 - b. Number of horizontal wells 35
 - c. Number of Migration wells 17

7. Groundwater
 - a. Number of monitoring wells 29
 - b. Abatement wells (TW-1 shut off per DEP approval) 10

8. Reports Submitted:

Groundwater	2nd Quarter 2019 Groundwater Report
Leachate	Monthly Leachate Demand Report
Quarterly	2nd Quarter 2019 Residual Waste Report
Other	Form U Submittals
	Electronic Submittal

SE Realignment Construction Activities

SE-1B is the active disposal area.