

April 3, 2019

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 February. The Engineer's meeting was held at the landfill on Wednesday, March 27. 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. Nothing pending at this time.

B. Construction Schedule

1. Construction in the southeast realignment area SE-1B (directly north of SE-1A) began in February and is currently ongoing.
2. SE-1A was being filled at the time of my visit. The average amount of waste accepted was approximately 1,025 tons per day.

C. Groundwater

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

D. Gas Management

1. There are 119 vertical gas wells currently installed. There are 44 horizontal collectors in operation.
2. The flare was operating at approximately 2,753 scfm and 1670°F at the time of my visit.
3. The BRE plant was down at the time of my visit.

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ROUTING

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

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Mr. Dave Pannucci

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E. Leachate Management

1. Average daily leachate flow for the month of February was 82,789 gallons; the total leachate generated for the month was 2,318,084 gallons.

All flows went directly to the Bethlehem wastewater treatment plant.

F. Site Observations

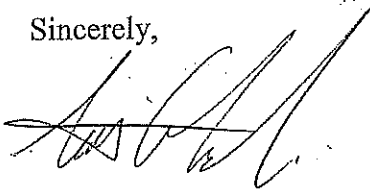
1. Litter: No issues observed.
2. Odor: No issues observed.
3. Daily Cover: No issues observed.
4. Intermediate Cover: No issues observed.

G. Miscellaneous:

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

If you have any questions concerning this report, please contact me.

Sincerely,



Matthew Glogowski
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
February 2019

Date: March 27, 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: February	
	a. Number of trucks that tripped the monitor	3
	b. Number of trucks on hold or rejected	0
3.	Truck Safety & Overweight: February	
	a. Number of Overweight Trucks	79
	b. Number of Trucks Rejected Due To Overweight	0
4.	Leachate Management:	
	a. Type of Discharge	Direct to WWTP
	b. Total Leachate Generated February gal.	2,318,084
	c. Untreated Effluent Discharge to WWTP	100%
	d. Average Daily Flow gal.	82,789
	e. Leachate hauled Offsite	0%
	f. Detection zone flow (Max/week in g/a/d) February	
	LMC-6 – (60) LMC-7 – (0) LMC-8 – (479) PS-1 – (55) PS-2 – (0) PS-3 – (3) PS – 4 (0)	
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	None
	Leachate	Monthly Leachate Demand Report
	Quarterly	None
	Other	Form U Submittals
		Electronic Submittal