

May 31, 2016

IESI PA Bethlehem Landfill
c/o Mr. Allen Schleyer, District 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. Schleyer:

This Engineer's Status Report is for the month of April. The Engineer's meeting was held at the landfill on Thursday, May 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 major modification for the southeastern realignment was received on January 21, 2015.

B. Construction Schedule

1. Cell 4E, Stage 3, was being filled at the time of my visit. Average amount of waste accepted was approximately 850 to 900 tons per day.
2. Permanent capping on the north slope near the maintenance shop is complete. The gabion down channel is finished. Top soil has been added; hydroseeding is complete.
3. On the south slope, temporary capping work is also finished.

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 140 vertical gas wells currently installed. There are 41 horizontal collectors in operation.
2. The flare was operating at approximately 3150 scfm and 1663°F on the morning of my visit. The large blower is back after undergoing some maintenance. BRE was still down at the time of my visit.

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ROUTING

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

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PADEP ENGINEER'S REPORT
April 2016

Date: May 12, 2016

1. Site Operations:

a.	Average Daily Volume	1375
b.	Maximum Daily Volume	1800
c.	Permitted Area	201
d.	Permitted Disposal area	127.5
e.	Capped acres	71.8
f.	Constructed acres	82.7

2. Radiation Monitoring: April

a.	Number of trucks that tripped the monitor	0
b.	Number of trucks on hold or rejected	0

3. Truck Safety & Overweight: April

a.	Number of Overweight Trucks	4
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.	679,223
c.	Untreated Effluent Discharge to WWTP	100%
d.	Average Daily Flow gal.	22,600
e.	Leachate hauled Offsite	0%
f.	Detection zone flow (Max/week in g/a/d) April	
	LMC-6 - (38) LMC-7 - (36) LMC-8 - (37) PS-1 - (2) PS-2 - (<1) PS-3 - (<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% Storm water for Dust Control	

6. Gas Management - Decommission 3 vertical 1 horizontal add 2 horizontal collectors

a.	Number of vertical wells (LFG extraction wells and cleanouts)	140
b.	Number of horizontal wells	41

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	4/19/16
Air Monitoring	LFG report	4/20/16
Quarterly	1Q16 DEP Facility Report	4/20/16
Other	Form U Submittals	electronic submittal