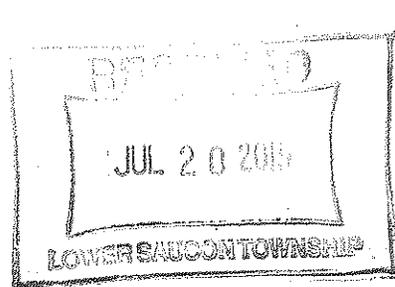


July 16, 2015



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 June. The Engineer's meeting was held at the landfill on Thursday, July 9. 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.

B. Construction Schedule

1. Cell 4F was being filled at the time of my visit. Average amount of waste accepted was approximately 1000 tons per day.
2. Construction is continuing on Cell 4E, Stage 3, although it has been slowed due to rainy weather throughout June. The projected completion date is now November of 2015.

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 148 vertical gas wells and 43 horizontal collectors in operation (including those recently constructed). Two non-productive wells were removed from the system.

ROUTING

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

Northeast Regional Office

Mr. Allen Schleyer

July 16, 2015

E. Leachate Management

1. The flare was operating at approximately 1330 scfm and 1650°F on the morning of my visit.
2. Average daily leachate flow for June was 34,240 gallons. Total leachate generated for the month of June was 1,027,179 gallons, all of which went directly to the Bethlehem wastewater treatment plant.

F. Site Observations

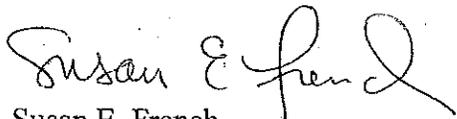
1. Litter: No issues observed.
2. Odor: No offsite odors were detected at the time of this visit.
3. Daily Cover: No issues observed.
4. Intermediate Cover: No issues observed.

G. Miscellaneous:

Enclosed as part of this report is the monthly Engineer's Reports from IESI Landfill for June, 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,



Susan E. French
Waste Management Program

Enclosure

cc: 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

June 2015

Date: July 9, 2015

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: June		0
	a.	Number of trucks that tripped the monitor	
	b.	Number of trucks on hold or rejected	0
3.	Truck Safety & Overweight: June		
	a.	Number of Overweight Trucks	14
	b.	Number of Trucks Rejected Due To Overweight	0
4.	Leachate Management:		
	a.	Type of Discharge	Direct to WWTP
	b.	Total Leachate Generated June gal.	1,027,179
	c.	Untreated Effluent Discharge to WWTP	100%
	d.	Average Daily Flow gal.	34,240
	e.	Leachate hauled Offsite	0%
	f.	Detection zone flow (Max/week in g/a/d) June	
		LMC-6 – (46) LMC-7 – (24) LMC-8– (3) PS-1 – (3) PS-2 – (<1) PS-3 – (10)	
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)	148
	b.	Number of horizontal wells	43
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	6/19/14
	Air Monitoring	SSM notices	electronic submittal
	Gas Reports	LFG -reported quarterly	
	Quarterly	2Q15 Facility Report	due 7/20/15
	Other	Form U Submittals	electronic submittal
		2014 Annual Operations Report	6/29/15
		GW Trend Report 2014	6/30/15
		PADEP SEM follow-up report	6/29/15

