

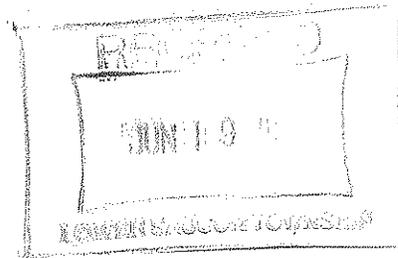


pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

June 13, 2014

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 May. The Engineer's meeting was held at the landfill on Thursday, June 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. None pending at this time.

B. Construction Schedule

1. Regrading in Phase IV pursuant to the minor modification approved last year is finished. Soil spreading and seeding will take place as weather permits. Recent rainfall has necessitated additional grading and repairs before seeding can be done.
2. Cell 4E is now being filled.
3. Phase XIII final capping on the south slope (Cell 4C and parts of 4A and 4B) is still underway. It comprises about two acres.

C. Groundwater

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

D. Gas Management

1. The flare was operating at 905 scfm and 1663°F on the morning of my visit.
2. There are 132 vertical gas wells and 39 horizontal collectors in operation.

ROUTING

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

S
Orig
Web

Northeast Regional Office

2 Public Square | Wilkes-Barre, PA 18701-1915 | 570.826.2511 | Fax 570.826.5448 | www.depweb.state.pa.us

E. Leachate Management

1. Average daily leachate flow for May was 44,983 gallons. Total leachate generated for the month was 1,394,484 gallons, all of which went directly to the Bethlehem wastewater treatment plant.

F. Site Observations

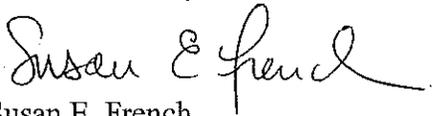
1. Litter: No issues observed.
2. Odor: No offsite odors were detected at the time of this visit. At the time of our visit, odor control misters were in operation at the back fence.
3. Daily Cover: No issues observed.
4. Intermediate Cover: No issues observed.

G. Miscellaneous:

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

If you have any questions concerning this report, please contact me at 570-826-2064.

Sincerely,



Susan E. French
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

May 2014

Date: June 12, 2014

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		71.8
f.	Constructed acres		70.9
2.	Radiation Monitoring: May		5
a.	Number of trucks that tripped the monitor		
b.	Number of trucks on hold or rejected		0
3.	Truck Safety & Overweight: May		
a.	Number of Overweight Trucks		26
b.	Number of Trucks Rejected Due To Overweight		0
4.	Leachate Management:		
a.	Type of Discharge	Direct to WWTP	
b.	Total Leachate Generated May gal.		1,394,484
c.	Untreated Effluent Discharge to WWTP		100%
d.	Average Daily Flow gal.		44,983
e.	Leachate hauled Offsite		0%
f.	Detection zone flow (Max/week in g/a/d) May		
	LMC-6 - (57) LMC-7 - (45) LMC-8 - (490) PS-1 - (3) PS-2 - (<1) PS-3 - (7)		
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)		132
b.	Number of horizontal wells		39
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	5/19/14
	Air Monitoring	SSM notices	electronic submittal
	Gas Reports	submitted with quarterly report	
	Quarterly	1Q14 DEP Groundwater Report	5/29/14
	Other	Form U App. To P. Jarecki	electronic submittal
		LFG Well Drawing	5/29/14