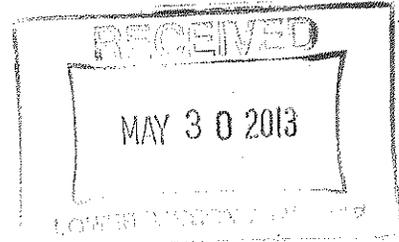




# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NORTHEAST REGIONAL OFFICE

May 28, 2013



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 April. The Engineer's meeting was held at the landfill on Thursday, May 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 minor permit modification for 2013 grading adjustments was resubmitted on April 12, 2013.
2. A construction certification for Phase XII capping was received on April 1 and was approved on May 9.

### B. Construction Schedule

1. Currently disposing of waste in Cell 4D and 4E.

### ROUTING Groundwater

- Council
- Manager 1. Monitoring Wells: Total number of wells = 29
- Asst. Mgr 2. Abatement Wells: Total number of active wells = 10
- Zoning
- Finance
- Police

### D. Gas Management

- P. Works
- P/C 1. The power plant (BRE/PEPCO) is still down. The flare was running at about 2,400 scfm on the date of our visit.
- P & R
- EAC
- Engineer 2. Currently there are 121 vertical gas wells (including extraction and cleanouts) and 33 horizontal gas wells.
- Solicitor
- Planner
- Landfill
- EMC
- Other

2 Public Square | Wilkes-Barre, PA 18701-1915

**E. Leachate Management**

1. Leachate management statistics for April are provided on the attached report from IESI.
2. Average daily leachate flow for April was 27,863 gallons. Total leachate generated for the month was 835,919 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.

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

Sincerely,



Susan E. French  
Environmental Engineer  
Waste Management Program

Enclosure

cc: Mr. Allen Schleyer/IESI PA Bethlehem Landfill (w/enc.)  
Lower Saucon Township (w/enc.)  
Mr. James B. Birdsall, P.E./Hanover Engineering (w/enc.)  
Mr. Chris Taylor/Hanover Engineering (w/enc.)  
Mr. Kevin N. Bodner/Martin and Martin, Inc. (w/enc.)

# PADEP ENGINEER'S REPORT

April 2013

Date: May 9, 2013

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		70
f.	Constructed acres		70.9
2.	Radiation Monitoring: April		4
a.	Number of trucks that tripped the monitor		
b.	Number of trucks on hold or rejected		0
3.	Truck Safety & Overweight: April		
a.	Number of Overweight Trucks		55
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.		835,919
c.	Untreated Effluent Discharge to WWTP		100%
d.	Average Daily Flow gal.		27,863
e.	Leachate hauled Offsite		0%
f.	Detection zone flow (Max/week in g/a/d) April		
	LMC-6 - (27) LMC-7 - (9) LMC-8 - (438) PS-1 - (2) PS-2 - (0) PS-3 - (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)		121
b.	Number of horizontal wells		33
7.	Groundwater		
a.	Number of monitoring wells		29
b.	Abatement wells (TW-1 shut off per DEP approval)		10
8.	Reports Submitted:		
a.	Groundwater	Abatement report	4/16/13
b.	Air Monitoring	SSM notices	electronic submittal
c.	Gas Reports	submitted quarterly	4/19/13
d.	Quarterly	4Q12 LST Facility Report	4/11/13
		1Q13 DEP Facility Report	4/19/13
e.	Other	Form U App. To P. Jarecki	electronic submittal
		Form U to LST	electronic submittal