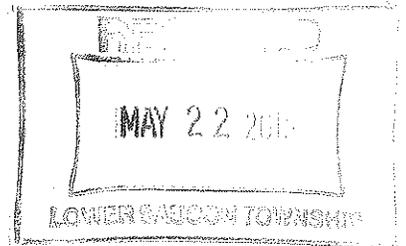




May 19, 2015



IESI PA Bethlehem Landfill
c/o Mr. Lee Zimmerman, 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. Zimmerman:

This Engineer's Status Report is for the month of April. The Engineer's meeting was held at the landfill on Thursday, May 14. 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 4D/4E interface area was being filled at the time of my visit. Average amount of waste accepted was approximately 1000 tons per day.
2. Construction has begun on Cell 4E, Stage 3, with a size of approximately 2.5 acres. The projected completion date is October 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 140 vertical gas wells and 40 horizontal collectors in operation.
2. Gas well drilling began on May 6. Ultimately about seven new vertical and two or three horizontal collectors will be installed.

ROUTING

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

Northeast Regional Office

eng-PA 2015

Mr. Lee Zimmerman

May 19, 2015

E. Leachate Management

1. The flare was operating at approximately 1050 scfm and 1643°F on the morning of my visit.
2. Average daily leachate flow for April was 36,536 gallons. Total leachate generated for the month of April was 1,096,091 gallons, all of which went directly to the Bethlehem wastewater treatment plant.

F. Site Observations

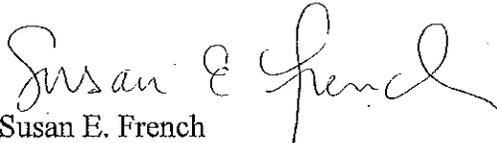
1. Litter: No issues observed.
2. Odor: No offsite odors were detected at the time of this visit.
3. Daily Cover: No issues observed.
4. Intermediate Cover: No issues observed.

G. Miscellaneous:

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

April 2015

Date: May 14, 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: April		1
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		41
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.		1,096,091
c.	Untreated Effluent Discharge to WWTP		100%
d.	Average Daily Flow gal.		36,536
e.	Leachate hauled Offsite		0%
f.	Detection zone flow (Max/week in g/a/d) April		
	LMC-6 - (74) LMC-7 - (41) LMC-8 - (505) PS-1 - (2) PS-2 - (<1) PS-3 - (5)		
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 - Additional wells in construction		
a.	Number of vertical wells (LFG extraction wells and cleanouts)	140	
b.	Number of horizontal wells	40	
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	4/20/14
	Air Monitoring	SSM notices	electronic submittal
	Gas Reports	LFG Well construction notice	4/20/15
	Quarterly	1Q15 DEP facility Report	due 4/20/15
	Other	Form U App. To P. Jarecki	electronic submittal