



AUG 21 2013

August 19, 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 July. The Engineer's meeting was held at the landfill on Monday, August 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. No applications pending at this time.

B. Construction Schedule

1. Currently disposing of waste in Cell 4D, Stage 2.
2. Construction of Cell 4C, Stage 2, is nearly complete. A construction certification should be submitted within the next few weeks.

C. Groundwater

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

D. Gas Management

1. The power plant (BRE/PEPCO) is operating. The flare was running at 1372 scfm and 1654°F on the date of my visit.
2. Currently there are 121 vertical gas wells (including extraction and cleanouts) and 33 horizontal gas wells.

ROUTING

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

Orig

Website

PADEP ENGINEER'S REPORT

July 2013

Date: August 15, 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: July		0
a.	Number of trucks that tripped the monitor		0
b.	Number of trucks on hold or rejected		0
3.	Truck Safety & Overweight: July		
a.	Number of Overweight Trucks		59
b.	Number of Trucks Rejected Due To Overweight		0
4.	Leachate Management:		
a.	Type of Discharge	Direct to WWTP	
b.	Total Leachate Generated July gal.		1,037,202
c.	Untreated Effluent Discharge to WWTP		100%
d.	Average Daily Flow gal.		33,458
e.	Leachate hauled Offsite		0%
f.	Detection zone flow (Max/week in g/a/d) July		
	LMC-6 – (12) LMC-7 – (10) LMC-8– (317) PS-1 – (1) PS-2 – (5) PS-3 – (124)		
	• PS-3 DZ flow is due to rain events during secondary liner tie-in and construction activity. CQA will provide documentation.		
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	7/18/13
b.	Air Monitoring	SSM notices	electronic submittal
c.	Gas Reports	submitted quarterly	7/18/13
d.	Quarterly	2Q13 DEP Facility Report	7/18/13
e.	Other	Form U App. To P. Jarecki	electronic submittal
		Fox area mining permit	6/20/13
		T-V Compliance Cert.	7/30/13

