



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHEAST REGIONAL OFFICE

July 2, 2013

IESI PA Bethlehem Landfill
c/o Mr. Sam Donato, Landfill Manager
2335 Applebutter Road
Bethlehem, PA 18015

JUL 15 2013

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 Monday, June 17. 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 June 12 and is under review.

B. Construction Schedule

1. Currently disposing of waste in Cell 4D and 4E.
2. Cell 4C, Stage 2, is currently under construction. Liner was being deployed during our visit on June 26.

ROUTING C. Groundwater

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

D. Gas Management

- P. Works
 - P/C
 - P & R
 - EAC
 - Engineer
 - Solicitor
 - Planner
 - Landfill
 - EMC
 - Other
1. The power plant (BRE/PEPCO) is still down. They received approval from Lower Saucon Township for two temporary storage tanks for handling wastewater. The current estimate is that they will start up around July 1. The flare was running at about 2,400 scfm on the date of our visit.
 2. Currently there are 121 vertical gas wells (including extraction and cleanouts) and 33 horizontal gas wells.

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PADEP ENGINEER'S REPORT

May 2013

Date: June 17, 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: May		2
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		38
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.		748,869
c.	Untreated Effluent Discharge to WWTP		100%
d.	Average Daily Flow gal.		24,157
e.	Leachate hauled Offsite		0%
f.	Detection zone flow (Max/week in g/a/d) May		
	LMC-6 - (23) LMC-7 - (9) LMC-8 - (71) PS-1 - (1) 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	5/17/13
b.	Air Monitoring	SSM notices	electronic submittal
c.	Gas Reports		submitted quarterly
d.	Quarterly	1Q13 Ground Water Report	5/16/13
e.	Other	Form U App. To P. Jarecki	electronic submittal
		Form U to LST	electronic submittal