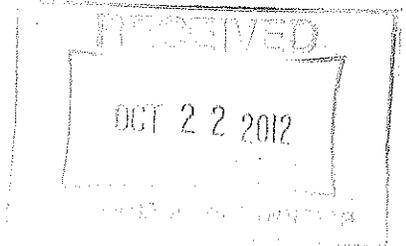




pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST REGIONAL OFFICE



October 19, 2012

Mr. Sam Donato, Landfill Manager
IESI PA Bethlehem Landfill
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 September. The Engineer's meeting was held at the landfill on Thursday, October 11, 2012. 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 construction certification for Cell 4E, Stage 1, was received on October 5 and is under review.

B. Construction Schedule

1. Currently disposing of waste in Cells 4A and 4B.

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) has been down for the last few weeks. The flare was running at about 2,100 scfm on the date of our visit.

E. Leachate Management

1. Leachate management statistics for September are provided on the attached report from IESI.

- S
- ROUTING
- Council
 - Manager
 - Asst. Mgr.
 - Zoning
 - Finance
 - Police
 - P. Works
 - P/C
 - P & R
 - EAC
 - Engineer
 - Solicitor
 - Planner
 - Landfill
 - EMC
 - Other
- Orte
- web37k

2. Average daily leachate flow for September was 24,478 gallons. Total leachate generated for the month was 709,863 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.
5. The C/D waste material quarantined due to radioactivity was shipped off site on October 9.

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

September 2012

Date: October 11, 2012

1. Site Operations:

a.	Average Daily Volume	1375
b.	Maximum Daily Volume	1800
c.	Permitted Area	201
d.	Permitted Disposal area	95
e.	Capped acres	70
f.	Constructed acres	70.9

2. Radiation Monitoring: September

a.	Number of trucks that tripped the monitor	3
b.	Number of trucks on hold or rejected	1 (Ra226)

3. Truck Safety & Overweight: September

a.	Number of Overweight Trucks	37
b.	Number of Trucks Rejected Due To Overweight	0

4. Leachate Management:

a.	Type of Discharge	Direct to WWTP
b.	Total Leachate Generated September gal.	709,863
c.	Untreated Effluent Discharge to WWTP	100%
d.	Average Daily Flow gal.	24,478
e.	Leachate hauled Offsite	0%
f.	Detection zone flow (Max/week in g/a/d) August	
	LMC-6 – (6) LMC-7 – (8) LMC-8 – (103) PS-1 – (*4) PS-2 – (<1)	
	* PS-1 elevated due to sampling event	

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)	112
b.	Number of horizontal wells	30

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	9/19/12
b.	Air Monitoring	SSM notices	electronic submittal
c.	Gas Reports	submitted quarterly	due 10/20/12
d.	Quarterly	2Q12 PADEP Groundwater Report	9/25/12
e.	Other	Form U App. To P. Jarecki	electronic submittal
		Form U to LST	electronic submittal