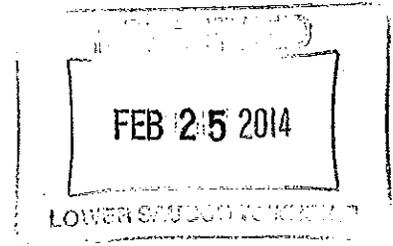




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DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST REGIONAL OFFICE



February 20, 2014

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 January. The Engineer's meeting was held at the landfill on Wednesday, February 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. A minor modification for alternate daily covers and use of glass cullet was received on October 7 and is under review.

B. Construction Schedule

1. Regrading in Phase IV pursuant to the minor modification approved last year is continuing. As of the date of our visit, IESI was disposing of waste in Cell 4A area.
2. Final capping in Cell 4C area is essentially finished. The area is currently snowed over. It will be vegetated in the spring.

Groundwater

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

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D. Gas Management

1. The flare shut down on the morning of my visit. The BRE plant had a shutdown around 11:00 am due to a frozen inlet valve. In order to restart the BRE plant they must shut down the flare, then restart the plant and then restart the flare. The flare was back running around 1:15 pm.
2. Currently there are 125 vertical gas wells and 36 horizontal gas wells.

E. Leachate Management

1. Leachate management statistics for January are provided on the attached report from IESI.
2. Average daily leachate flow for January was 39,550 gallons. Total leachate generated for the month was 1,226,021 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: 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

January 2014

Date: February 11, 2014

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	71.8
	f.	Constructed acres	70.9
2.	Radiation Monitoring: January		2
	a.	Number of trucks that tripped the monitor	
	b.	Number of trucks on hold or rejected	0
3.	Truck Safety & Overweight: January		
	a.	Number of Overweight Trucks	22
	b.	Number of Trucks Rejected Due To Overweight	0
4.	Leachate Management:		
	a.	Type of Discharge	Direct to WWTP
	b.	Total Leachate Generated January gal.	1,226,021
	c.	Untreated Effluent Discharge to WWTP	100%
	d.	Average Daily Flow gal.	39,550
	e.	Leachate hauled Offsite	0%
	f.	Detection zone flow (Max/week in g/a/d) January	
		LMC-6 - (17) LMC-7 - (61) LMC-8 - (541) PS-1 - (1) PS-2 - (<1) PS-3 - (54)	
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)	125
	b.	Number of horizontal wells	36
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	1/20/14
	Air Monitoring	SSM notices	electronic submittal
	Gas Reports	NSPS/NESHAP & Title V	1/30/14
	Quarterly	4Q13 Facility Report	1/20/14
	Other	Form U App. To P. Jarecki	electronic submittal
		Recycle Notice to LST	1/6/14