

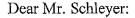
April 15, 2016

IESI PA Bethlehem Landfill c/o Mr. Allen Schleyer, 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



This Engineer's Status Report is for the month of March. The Engineer's meeting was held at the landfill on Thursday, April 14. This report is informational only, without deadlines, and a response is required only if objections are taken to the items mentioned.

LOWER SAUCON TOWNSHIP

A. Pending Permit Applications

1. A major modification for the southeastern realignment was received on January 21, 2015. A public hearing was held on April 13.

B. Construction Schedule

- 1. Cell 4B, Stage 3, was being filled at the time of my visit. Average amount of waste accepted was approximately 600 to 700 tons per day.
- 2. Permanent capping on the north slope near the maintenance shop is complete. The gabion down channel is finished. Top soil has been added; hydroseeding is scheduled for next week, weather permitting.
- 3. On the south slope, temporary capping work is almost finished. About a half acre is left to be covered with 40 mil liner. Wind Defender® cover has been placed over most of the area. The project should be completed within a month.

Manager C. Groundwater

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

☐ P. Works D. Gas Management

1. There are 140 vertical gas wells currently installed. There are 41 horizontal collectors in operation.

□ P/C
□ P & R
□ EAC
□ Engineer
□ Solicitor
□ Planner

S

ROUTING

🗹 Council

☐ Zoning ☐ Finance

☐ Police

Asst. Mgr.

X Mep

E. Leachate Management

- 1. The flare was operating at approximately 2730 scfm and 1670°F on the morning of my visit. The large blower has been pulled for maintenance and should be back in a week or so.
- 2. Average daily leachate flow for March was 33,600 gallons. Total leachate generated for the month was 1,007,986 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 March, 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: 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

March 2016

Date: April 14, 2016

1.		Sita Oparationa:			•	
1.		Site Operations: Average Daily Volume	and the second s		1375	
	a. b.				1800	
		Maximum Daily Volum Permitted Area	e			
	c.				201	
	d.	Permitted Disposal area			127.5	
	e.	Capped acres		•	71.8	
	f.	Constructed acres	1		82.7	
2.		Radiation Monitoring: March				
		a. Number of trucks that tr			1	
		b. Number of trucks on ho	* *		0	
3.	Tm	Truck Safety & Overweight: March				
٠,	110	a. Number of Overweight Trucks 3				
		b. Number of Trucks Reje			0	
		o. Number of Tracks Reje	cled Due 10 Overweight			
4.		Leachate Management:				
	51				to WWTP	
	b. Total Leachate Generated February gal.c. Untreated Effluent Discharge to WWTP			,007986		
					100%	
	d.	Average Daily Flow	gal.		33,600	
	e.	Leachate hauled Offsite			0%	
	f.	Detection zone flow (M	[ax/week in g/a/d] February			
		LMC-6 - (58) LMC-7	- (54) LMC-8- (406) PS-1 -	(3) PS	S-2 – (<1) PS-3 – (5)	
5.		Leachate Storage:				
٥.		-	Sangaitu		1,490,000	
	a.,	Total Influent Storage (•	
	b. 25% Influent Storage Capacity				372,500	
	c.	Current Volume Stored est. 20% Storm water for Dust Control				
6.	6. Gas Management - Decommission 3 vertical 1 horizontal add 2 horizontal collectors					
	a.				140	
	b.				41	
7.	Groundwater					
	a.				29	
	b.	· · · · · · · · · · · · · · · · · · ·			10	
	Ο,	(1 m-1 shet off por DEL approvar)			*A	
8.	Re	Reports Submitted:				
		Groundwater	Abatement report		3/18/16	
		Air Monitoring	LFG report	due	4/20/16	
		Quarterly	1Q16 DEP Facility Report	due	4/20/16	
		Other	Form U Submittals		electronic submittal	