



# HanoverEngineering

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LOWER SAUCON TOWNSHIP

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July 15, 2019

Ms. Leslie Huhn, Township Manager  
Lower Saucon Township  
3700 Old Philadelphia Pike  
Bethlehem, PA 18015

RE: Inspection Conducted on July 5, 2019  
IESI Bethlehem Landfill  
Hanover Project LS90-7

Dear Ms. Huhn:

The purpose of this letter is to report the results of the above-referenced inspection.

The inspection was conducted by me along with Astor Lawson, District Manager. The following items were noted during the inspection:

1. The BRE plant continues to be on shut-down. The status of the plant will be monitored.
2. The landfill flare was running at a flow rate of 2,921 scfm and a temperature of 1,658 degrees Fahrenheit and appeared to be operating normally. There were no visible emissions from the flare at the time of the inspection. The bar graph on the instrument panel indicated that the flare was running at ninety-five percent (95%) of the Variable Frequency Drive (VFD) capacity.
3. The truck wash has been functioning normally but was not in use at the time of this inspection.
4. No blowing litter, mud, or odors were observed along Applebutter Road up to Ringhoffer Road, the entrance driveway, or the office parking lot. Upon arriving at the landfill, it appeared the street sweeper had cleaned the roadway earlier in the day. Mr. Pannucci confirmed this.
5. Weather conditions were sunny, temperature in the 80s, and calm wind.
6. Garbage was being disposed of at the top of the landfill and pushed down the south slope for disposal in areas of Cell I-A. The approach to the working face was dry and stable. One (1) truck was unloading on the tipper, with one (1) waiting for the tipper. Zero (0) trucks were unloading conventionally (dump body or walking floor), with zero (0) waiting. One (1) dozer was spreading and placing garbage. One (1) compactor was in use. Trucks were observed hauling soil from an on-site stockpile to the working face for use as daily cover. Tarps had been in use as alternative daily cover on previously-filled areas but were pulled back for the day. Wind screens were being used near the working face. A slight garbage odor was observed in the vicinity of the working face. No odors were observed anywhere else on site.
7. Garbage (flagging) that was showing through the soil cover over Cell SE-1A was addressed by placing additional cover soil.
8. No windblown litter was observed in the trees or on the ground to the east of Cell SE-1A.
9. The north slope road was not driven.

## ROUTING

- Council
- Manager org.
- Asst. Mgr.
- Zoning
- Finance
- Police 7.
- P. Works
- P/C
- P & R 8.
- EAC 9.
- Engineer
- Solicitor
- Planner
- Landfill
- EMC
- Other

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10. The temporary cap on the south face was observed. No ballooning of the cap was occurring.
11. The west high wall was observed. Mr. Lawson noted that there did not appear to be any slope failures or major movement of soil or rock since the last inspection was evident.
12. The customer convenience area is in use for small vehicles.
13. Erosion rills are still present on the slope below the south face haul road. Mr. Lawson stated that rills were previously repaired, but that the heavy rain storms continue to create new ones. He stated that the swale on the upslope side of the haul road was still being enhanced to better control the flow of stormwater. It was observed during the inspection that the work to widen and deepen the swale and add large stones to it to make a channel to carry stormwater flows was still progressing.
14. Zero (0) trucks were overweight for the day as of this inspection.
15. No offsite odors were detected along Applebutter Road.

Activity Related to the Southeast Realignment Expansion

16. Construction in future Cell SE-1B has been completed and is waiting for Certification by Martin and Martin.

If you have any comments or questions regarding any of the above, or find that you need additional information, please do not hesitate to call me immediately.

Respectfully,

HANOVER ENGINEERING



Scott J Brown, HMI  
Host Municipality Inspector

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