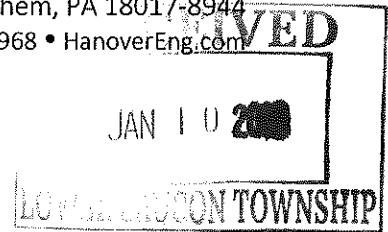


# Hanover Engineering

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January 8, 2018

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

RE: Inspection Conducted on January 5, 2018  
IESI Bethlehem Landfill  
Hanover Project LS90-7

Dear Ms. Huhn:

The purpose of this letter is to report the results of the above-referenced "Mid-meeting" inspection. The inspection was conducted by me along with Don Hallock, District General Manager. The following items were noted during the inspection:

1. The BRE plant was running. Mr. Hallock stated that they were running at full capacity, taking about 2,100 scfm of gas.
2. The landfill flare was not running. Mr. Hallock stated that it had just shut down due to an oxygen leak, which could be coming from anywhere in the system. He stated that both his operations supervisor and the field engineer from Martin and Martin were working to diagnose the problem and to get the flare back online.  
UPDATE: Following the inspection, Mr. Hallock provided an email stating that a pressure transducer had frozen causing the igniter to fail, and that the flare was back on line at 12:18 p.m.
3. The truck wash was not in use due to dry and extremely cold conditions.
4. No mud, blowing litter, or odors were observed along Applebutter Road up to Ringhoffer Road, the entrance driveway, or the office parking lot.
5. Wind during the inspection was ten to twenty (10 - 20) mph from the west/northwest. The weather was clear and very cold.
6. Garbage was being disposed of at the top of the landfill. One (1) compactor and zero (0) dozers were running at the working face. The truck tipper is still staged at the working face. It was not being used during the inspection of the working face, but was seen in use from both Ringhoffer Road and Skyline Drive during other portions of the inspection. One (1) truck was dumping conventionally and one (1) was waiting to dump conventionally. Trucks are still approaching and departing the working face utilizing the south face haul road. Mr. Hallock checked with the weighmaster at the scale house, who reported that disposal was taking place in Cell 4D at elevation 694. Mr. Hallock stated that garbage is placed in ten foot (10') lifts, so the top of the current lift being placed will be approximately at elevation 704. He stated that they will continue to extend this lift eastward, at least into the early spring. Portable wind screens were in place at the working face. No odors were observed at the working face, or anywhere on site.

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

7. Mr. Hallock stated that the facility was closed on Monday for the New Year Holiday. They were open Tuesday and Wednesday, during which time they accepted between 1,200 and 1,400 tons per day. On Thursday, they closed at 1:00 p.m. due to the snow storm.
8. The issue of disposal of dewatered sewage sludge was discussed. Waste Connections had recently filed a Form U requesting disposal of this waste stream, which is allowed by their permit. Mr. Hallock was asked if any had been disposed yet, or when disposal would begin. He replied that Waste Connections has no intentions of accepting this waste stream at the facility, and that the Form U was filed as part of an effort to formalize all of the different waste streams that are approved for disposal at the facility.
9. Cover soil is still being imported. No Alternative Daily Cover material is being used.
10. The west high wall was observed. No slope failures or major movement of soil or rock since the last inspection was evident.
11. Internal haul roads and access roads were free of ice and snow and were safe to travel.
12. The recycling and customer drop-off area (for small, non-commercial vehicles with garbage) is still relocated to the southern access road. The new area for these services is now being constructed as part of the Southeast Realignment.
13. I conducted a driving patrol along the intersection of Applebutter Road and Ringhoffer Road before the inspection, starting at 10:24 a.m. No landfill-related odors were observed. The sight and sound of truck traffic on the landfill was observed. The sight of the truck tipper on the top of the landfill in the "up" position was observed. I conducted a driving patrol along Skyline Drive after the inspection, starting at 11:11 a.m. No landfill-related odors were observed. Truck traffic (garbage trucks) on the southern haul road was observed to be audible and visible from the end of Skyline Drive. The sound of tracked equipment was also audible from here. The sight of the truck tipper on the top of the landfill in the "up" position was observed. I conducted a driving patrol through Steel City after the inspection, starting at 11:20 a.m. No landfill-related odors were observed. The faint sound of tracked equipment from the direction of the working face was observed at the entrance to the Hill Climb. No landfill-related issues were observed in the Narrows.

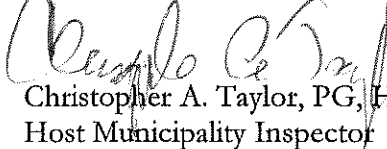
Activity Related to the Southeast Realignment Expansion

14. Mr. Hallock stated that no construction activities are taking place at this time due to the extremely cold weather.

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

  
Christopher A. Taylor, PG, HMI  
Host Municipality Inspector

cat: llb