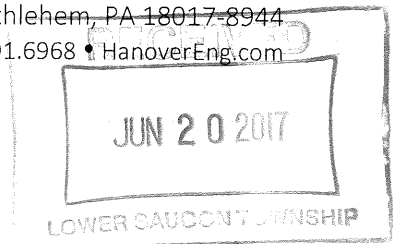


# Hanover Engineering

252 Brodhead Road • Suite 100 • Bethlehem, PA 18017-8944  
Phone: 610.691.5644 • Fax: 610.691.6968 • HanoverEng.com



June 19, 2017

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

RE: Inspection Conducted on June 15, 2017  
IESI Bethlehem Landfill  
Hanover Project LS90-7

Dear Ms. Huhn:

The purpose of this letter is to report the results of the above-referenced "Pre-meeting" inspection. The inspection was conducted by me along with Donald Hallock, District General Manager; Kevin Bodner, PE of Martin and Martin (the landfill's engineering consultant); and Neil Ortwein, Citizen Representative to the Landfill Committee. Mr. Hallock stated that Nick Rogers, Compliance Manager, was away on business. The following items were noted during the inspection:

1. The BRE plant was running.
2. The landfill flare was running at a flow rate of 1,125 scfm and a temperature of 1,643 degrees Fahrenheit. The bar graph on the instrument readout indicated that the flow rate was approximately fifty-five percent (55%) of the Variable Frequency Drive (VFD) capacity. The largest blower was in operation. The blower was still making a buzzing sound, about as loudly as observed during the previous inspection. Sound-blocking measures were still in place. The paper chart record extended back to June 8 and indicated a brief shutdown on June 8. The chart indicates steady gas flow since then. During the inspection, it was observed that the flare was functioning normally.
3. The truck wash was not in use due to dry 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. The northern mister line was observed to be in operation, with all nozzles functioning properly. The southern mister line was observed to be in operation, with all nozzles functioning properly.
6. Wind during the inspection was blowing from the east initially, then shifting to the south, at an estimated five to ten miles per hour (5 – 10 mph). The weather was clear.
7. Garbage was being disposed of at the boundary between Cell 4E and 4D. Two (2) trucks were dumping and zero (0) were waiting. Trucks are still approaching and departing the working face from the top of the landfill. Temporary windscreens were in place at the working face. One (1) compactor machine and one (1) bulldozer were operating at the working face. The box wire litter control fence was observed to be free of litter. Mr. Hallock pointed out that a new horizontal gas collection line was being installed near the working

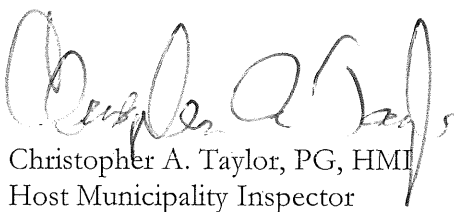
- S*
- ROUTING**
- Council
  - Manager
  - Asst. Mgr.
  - Zoning
  - Finance
  - Police
  - P. Works
  - P/C
  - P & R
  - EAC
  - Engineer
  - Solicitor
  - Planner
  - Landfill
  - EMC
  - Other
- orig*
- web*

- face. He stated that odor neutralizer was being sprayed on the garbage being excavated for this work. No garbage odors were observed downwind of the working face.
8. Cover soil is still being imported. No Alternative Daily Cover material is being used.
  9. The west high wall was observed. No slope failures or major movement of soil or rock since the last inspection was evident.
  10. The temporary cap on the southern face was observed. No inflation of the cap was evident.
  11. Grass is continuing to grow on areas of intermediate cover recently topsoiled and stabilized.
  12. No blowing litter was observed on site. Mr. Hallock stated that two (2) laborers were onsite to cut back weeds and pick garbage as needed.
  13. Evidence of spraying for dust suppression was observed: roads were wet, and the sprayer truck was observed refilling during the inspection.
  14. The street sweeper was observed cleaning internal paved roads during the inspection. Mr. Ortwein stated that he observed the sweeper cleaning Applebutter Road on his drive in.
  15. I conducted a driving patrol along the intersection of Applebutter Road and Ringhoffer Road before the inspection, starting at 10:15 a.m. No landfill-related odors were observed. No sounds from the landfill flare were observed. The sound of truck traffic on the landfill was observed. I conducted a driving patrol along Skyline Drive after the inspection, starting at 11:52 a.m. No landfill-related odors or sounds were observed. No truck traffic was present on the lower access road of the landfill at this time. I conducted a driving patrol through Steel City after the inspection, starting at 12:05 p.m. No landfill-related odors were observed. Equipment-related sounds (travel alarm, loud banging such as made by a tailgate "slapping") were observed at the entrance to the hill climb. The driving patrol along Riverside Drive did not reveal any landfill-related issues.

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

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