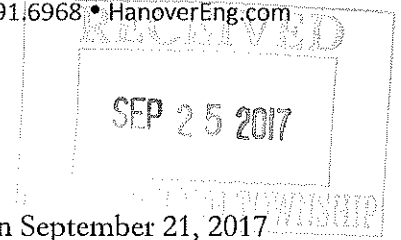


Hanover Engineering

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September 21, 2017



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

RE: Inspection Conducted on September 21, 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 "Mid-meeting" inspection. The inspection was conducted by me along with Nick Rogers, Compliance Manager. The following items were noted during the inspection:

1. The BRE plant was running. Mr. Rogers stated that they are running at full capacity, and have been since a planned maintenance outage of about four (4) hours on September 18, 2017.
2. The landfill flare was running at a flow rate of 1,100 scfm and a temperature of 1,654 degrees Fahrenheit. The bar graph on the instrument readout indicated that the flow rate was approximately fifty percent (50%) 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 went back to September 5, 2017 and showed steady gas flow, except for a brief shutdown on September 14, 2017 and an increase for about four (4) hours on September 18, 2017 (corresponding to the BRE maintenance shutdown). No other significant variations in gas flow were noted. 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 and southern mister lines were observed to be in operation during the inspection.
6. Wind during the inspection was calm to five (5) mph from the north, shifting to from the east by the end of the inspection. The weather was sunny with no precipitation.
7. Garbage was being disposed of in one working face at the top of the landfill, in Cell 4B. Two (2) trucks were dumping and two (2) were waiting. Mr. Rogers estimated the elevation of the top of the garbage lift being placed as Elevation 705. The garbage lift will be extended eastward at approximately this same elevation. Trucks are still approaching and departing this working face from the top of the landfill. One (1) compactor machine and one (1) bulldozer were operating at the working face. Cover soil was being staged here. Windscreens

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

- were in place here. A working face odor was observed on site in the vicinity of the working face. No other odors were observed on site.
8. The continuation of the construction of the new replacement access road on the southern face was observed. This will provide access to the top of the landfill. The road subbase appears complete, and placement of crushed stone was proceeding from the bottom end of the road up slope.
 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. The temporary cap on the southern face was observed. No inflation of the cap was evident.
 12. Mr. Rogers stated that two (2) pickers have been working on site all week to clean up blown litter and perform light clearing of vegetation. One (1) picker was observed working during the inspection.
 13. Mr. Rogers stated that the quarterly sampling event took place this week, as scheduled.
 14. I observed that the access road over the top of the landfill had just been sprayed with water for dust suppression.
 15. I conducted a driving patrol along the intersection of Applebutter Road and Ringhoffer Road before the inspection, starting at 10:20 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 11:35 a.m. No landfill-related odors were observed. The sounds of the heavy equipment (bulldozer) working on the new southern face access road were observed. I conducted a driving patrol through Steel City after the inspection, starting at 11:45 a.m. No landfill-related odors were observed. No landfill-related sounds were observed at the entrance to the Hill Climb. The driving patrol along Riverside Drive did not reveal any landfill-related issues.

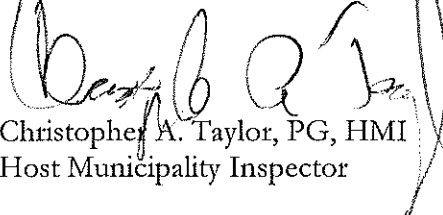
Activity Related to the Southeast Realignment Expansion

16. Mr. Rogers reported that Groundwater Monitoring Well 10 DS was decommissioned on September 18, and that this well is not slated to be replaced.
17. It was observed that clearing of vegetation is taking place in the general area of Sedimentation Basin 2.

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