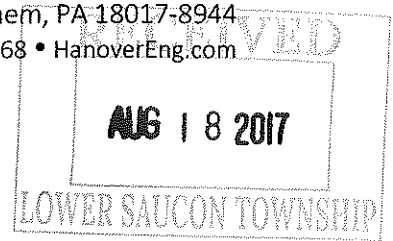


Hanover Engineering

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Phone: 610.691.5644 • Fax: 610.691.6968 • HanoverEng.com



August 17, 2017

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

RE: Inspection Conducted on August 17, 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 Nick Rogers, Compliance Manager. The following items were noted during the inspection:

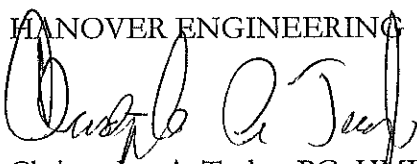
1. The BRE plant was running. Mr. Rogers stated that they are running at half capacity, and have been since Tuesday morning, due to one (1) compressor being off line for maintenance.
2. The landfill flare was running at a flow rate of 1,700 scfm and a temperature of 1,685 degrees Fahrenheit. The bar graph on the instrument readout indicated that the flow rate was approximately sixty-two percent (62%) 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 August 15 and indicated no shutdowns since then. It also reflected the increase in gas flow to the flare on the morning of August 15 when the BRE plant went from running at full capacity to half capacity. 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 from the east-southeast, at an estimated five to ten miles per hour (5 – 10 mph). The weather was clear.
7. Garbage was being disposed of in two (2) working faces. At the top of the landfill, garbage was being placed in Cell 4D. One (1) truck was dumping and zero (0) were waiting. Trucks are still approaching and departing this working face from the top of the landfill. One (1) compactor machine was operating at the working face. Cover soil was being staged here. Windscreens were in place here. A second working face is continuing at the bottom of the landfill in the southwest corner, in the "wedge" portion of Cell 4E Stage 1 that was not previously filled because the access road that runs through it was needed for trucks departing the working face. This road will be removed and replaced by a new road to accommodate

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

- placement of garbage here. This area is still receiving municipal solid waste only from local collection trucks, and is being filled only during the first half of the day. One (1) truck was dumping, and zero (0) were waiting. One (1) bulldozer was working here. No windscreens were in use here, since it is a low area and wind is not an issue. Cover soil was being staged here. Working face odors were observed on site immediately downwind of each 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.
 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. A water truck was observed spraying water for dust suppression.
 13. Mr. Rogers stated that the new Operations Supervisor is Tony Holva, who was promoted internally to replace Mike Shelden.
 14. Mr. Rogers stated that the leachate piping associated with the Leachate Management Chambers was cleaned on July 25, and that a lot of material was removed at that time.
 15. I conducted a driving patrol along the intersection of Applebutter Road and Ringhoffer Road before the inspection, starting at 10:20 am. 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 11:40 a.m. No landfill-related odors were observed. The sound of the bulldozer running at the southern face was observed. I conducted a driving patrol through Steel City after the inspection, starting at 11:50 a.m. No landfill-related odors were observed. The faint sound of equipment was 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