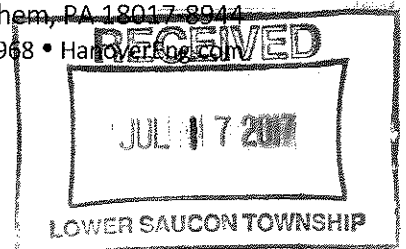


Hanover Engineering

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July 14, 2017

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

RE: Inspection Conducted on July 13, 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, and Mr. Kevin Bodner of Martin and Martin, the landfill's engineering consultant. Mr. Hallock stated that Nick Rogers, Compliance Manager, was working at a site in Maryland for the day. The following items were noted during the inspection:

1. The BRE plant was running. Mr. Hallock stated that they are running at full capacity, taking approximately 2,250 to 2,300 scfm of gas as of this morning.
2. The landfill flare was running at a flow rate of 1,140 scfm and a temperature of 1,676 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 July 3 and indicated shutdowns of the flare on July 6 (several hours in duration) and July 9 (several minutes in duration). The chart indicated 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 not in operation upon our arrival at that location. Mr. Hallock contacted a worker to diagnose the problem, and it was restarted before we left that location, 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 west-southwest, 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. The number of trucks dumping and waiting could not be seen from the vantage point by the water tower. Trucks are still approaching and departing this working face from the top of the landfill. One (1) compactor machine was operating at the

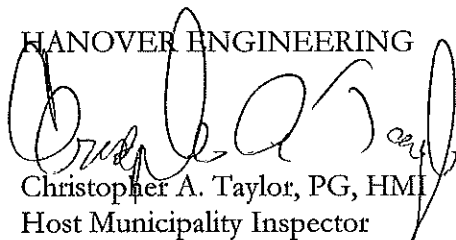
- ROUTING**
- Council
 - Manager *orig*
 - Asst. Mgr.
 - Zoning
 - Finance
 - Police
 - P. Works
 - P/C
 - P & R
 - EAC
 - Engineer
 - Solicitor
 - Planner
 - Landfill
 - EMC
 - Other *web*

working face. A second working face has just been started at the bottom of the landfill, in the southwest corner. Mr. Hallock stated that this is an area that is already lined and filled with garbage to above the fluff layer. It is 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 is no longer needed, and will be removed to accommodate placement of garbage. Mr. Hallock stated that this area is receiving municipal solid waste only from "neighborhood" collection trucks, and is being filled only during the first half of the day. Mr. Hallock stated that survey stakes were set in this area to show the amount of garbage fill to be placed throughout the area. These were observed during the inspection.

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. Some areas have been reseeded, as needed.
12. No blowing litter was observed on site.
13. No odors were observed anywhere on site.
14. It was observed that mowing of the vegetation on the landfill surface has continued. The contractor's mowing equipment was observed staged on site.
15. Evidence of spraying for dust suppression (wet roads) was observed.
16. Mr. Hallock stated that the landfill has promoted from within to fill the position of Operations Supervisor vacated upon the departure of Mike Shelden.
17. I conducted a driving patrol along the intersection of Applebutter Road and Ringhoffer Road before the inspection, starting at 10:18 a.m. No landfill-related odors were observed. No sounds from the landfill flare were observed. No truck traffic was present on access road of the landfill at this time. I conducted a driving patrol along Skyline Drive after the inspection, starting at 11:28 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 11:38 a.m. No landfill-related odors were observed. The sounds of trucks 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