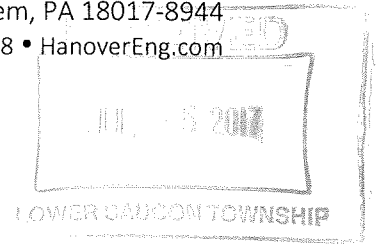


HanoverEngineering

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Phone: 610.691.5644 • Fax: 610.691.6968 • HanoverEng.com



July 3, 2017

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

RE: Inspection Conducted on June 29, 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 Donald Hallock, District General Manager. Mr. Hallock stated that Nick Rogers, Compliance Manager, was working at the Blue Ridge Landfill on this date. The following items were noted during the inspection:

1. The BRE plant was running. Mr. Hallock stated that they are running at full capacity.
2. The landfill flare was running at a flow rate of 1,093 scfm and a temperature of 1,651 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 19 and indicated an increase in gas flow rate on June 19 for several hours. 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. It should be noted that a road crew was running a street sweeper in conjunction with a recent application of "oil and chip" coating to Applebutter Road.
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 south, at an estimated five to ten miles per hour (5 - 10 mph). The weather was clear.
7. Garbage was being disposed of in Cell 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. Stockpiles of cover soil were observed staged at the working face. One (1) compactor machine was operating at the working face. The box wire litter control fence was observed to be free of litter.
8. Cover soil is still being imported. No Alternative Daily Cover material is being used.

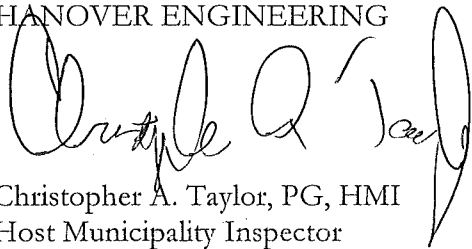
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 - Manager
 - Asst. Mgr.
 - Zoning
 - Finance
 - Police
 - P. Works
 - P/C
 - P & R
 - EAC
 - Engineer
 - Solicitor
 - Planner
 - Landfill
 - EMC
 - Other
- wrb

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.
13. No odors were observed anywhere on site.
14. It was observed that mowing of the vegetation on the landfill surface has begun on portions of the southern slope and on top along the access road. Mr. Hallock stated that this work is limited to cooler parts of the day to avoid "burning" the vegetation, but will continue until completed over the entire facility.
15. Mr. Hallock stated that Department of Environmental Protection personnel from both the Solid Waste Program and Air Quality Program conducted a joint inspection yesterday.
16. 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. 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 11:25 am. 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 11:35 am. No landfill-related odors or sounds were observed. 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:

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