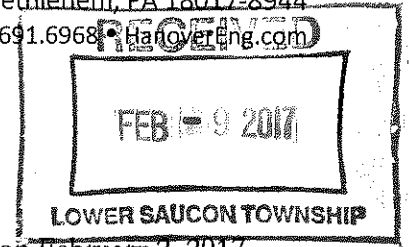


Hanover Engineering

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February 7, 2017

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

RE: Inspection Conducted on February 2, 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. A pre-inspection meeting was held at the landfill office between myself, Mr. Don Hallock, District General Manager, and Mr. Nick Rogers, Compliance Manager. The contents of the last inspection report were reviewed and discussed, with no issues noted.

The inspection was conducted by me along with Mr. Rogers. The following items were noted during the inspection:

1. Mr. Rogers stated that the BRE plant was currently running at full capacity.
2. The landfill flare was running at a flow rate of 900 scfm and a temperature of 1,651 degrees Fahrenheit. The largest blower was in operation. The bar graph on the instrument readout indicated that the flow rate was approximately thirty-eight percent (38%) of the Variable Frequency Drive (VFD) capacity. The paper chart was new and provided no recent history of flare activity. Mr. Rogers reported that there was only one (1) recent shutdown of the flare, which took place for about an hour last week to allow maintenance of the largest blower. A loud "buzzing" sound was observed coming from the largest blower. Mr. Rogers stated that a company was already scheduled to perform a "vibration test" on the blower this month, and that he will have this issue checked at that time. He explained that the vibration test is used to determine the performance and wear condition of the blower.
3. The truck wash was not in use due to dry conditions. The water truck was spraying water on the landfill roads for dust control.
4. No mud, blowing litter, or odors were observed along Applebutter Road up to Ringhoffer Road, the entrance driveway, or the office parking lot. Sediment observed during the last inspection in some of the parking stalls of the office parking lot has been removed.
5. Both the northern and southern mister lines remain offline and winterized.
6. Wind during the inspection was from the west/northwest at an estimated five to ten miles per hour (5 - 10 mph).
7. Garbage was being disposed of in new Cell 4E Stage 4. Disposal was taking place in the western side of the cell in the fluff layer against the liner. A spotter was observed stationed at the working face and removing any items that might damage the liner. Two (2) trucks were

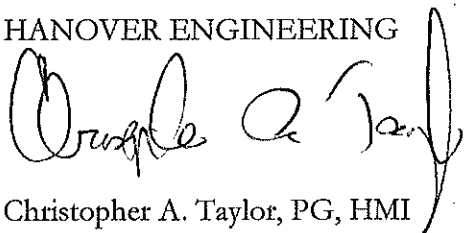
- S
ROUTING
- Council
 - Manager *bc*
 - Asst. Mgr.
 - Zoning
 - Finance
 - Police
 - P. Works
 - P/C
 - P & R
 - EAC
 - Engineer
 - Solicitor
 - Planner
 - Landfill
 - EMC
 - Other *web*

- dumping and one (1) was waiting. Trucks are still approaching the working face from the top of the landfill and departing along the lower access road to the south. Windscreens were not in use at the working face, since it is down in a "hole" and blowing litter was not a problem. No working face odors were observed. Hauling, dumping, and placing of soil for daily cover over garbage immediately after it was compacted was observed. Tarps were also observed staged at the working face for use as daily cover.
8. It was observed that new cover soil has been placed near the top of the west face. Mr. Rogers stated that this was done to clean up areas that had gotten "messy" during the recent wet weather.
 9. Pickers were observed onsite removing litter. Not much litter was present.
 10. Cover soil is still being imported. It is now being stockpiled along the northern access road. No Alternative Daily Cover material is being used.
 11. The west high wall was observed. No slope failures or major movement of soil or rock since the last inspection was evident.
 12. The temporary cap on the southern face was observed. No inflation of the cap was evident.
 13. A slight landfill gas odor was observed in the office parking lot at the end of the tour, immediately downwind of the BRE plant. Mr. Rogers stated that he smelled it also and that he will have SCS (the landfill's air quality consultant) try to determine the exact source and cause of the odor. He will then make BRE aware of the findings.
 14. Work on the new mobile office trailer to be used as the new scale house was observed to be continuing.
 15. I conducted a driving patrol along the intersection of Applebutter Road and Ringhoffer Road before the inspection, starting at 10:25 AM. No landfill-related odors were observed. Truck traffic was present on the landfill at that time, and truck noise was observed. A slight "buzzing" sound was observed. This was later found to be coming from the largest blower (see Item 2 above). I conducted a driving patrol along Skyline Drive after the inspection, starting at 12:05 PM. No landfill-related odors were observed. The sounds of truck traffic and the compacting machine at the working face were observed at the far east end of Skyline Drive. I conducted a driving patrol through Steel City after the inspection, starting at 11:15 PM. No landfill-related odors or sounds were observed.

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