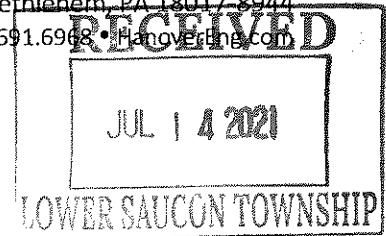


# 50 YEARS Hanover Engineering

252 Brodhead Road • Suite 100 • Bethlehem, PA 18017-8944  
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July 13, 2021

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

RE: Inspection Conducted on July 1, 2021  
 Bethlehem Landfill  
 Hanover Project LS90-7

Dear Ms. Huhn:

The purpose of this letter is to report the results of the above-referenced inspection. The inspection was conducted by the undersigned along with Dave Pennucci, Regional Engineer. The following items were noted during the inspection:

1. No activity was observed at the BRE facility.
2. Weather conditions were clear, temperature around 80 degrees, very light wind and humid.
3. No sediment was observed along Applebutter Road immediately to the west of the LF entrance. No blown litter was observed on the approach to the landfill up to Ringhoffer Road, the entrance driveway, or the office parking lot.
4. The flare was in operation and appeared to be running normally with no visible emissions or flames observed. The flare was operating at a flow rate. The largest blower was in operation.
5. The stormwater collection system appeared to be in working order. Work to remove accumulated sediment from sedimentation pond #1 east of the flare as previously completed. Removal of sediment from sedimentation pond #4 is ongoing, but difficult due to the many rain events this summer.
6. The truck wash was observed in use and functioning properly. As previously reported, a new shaker grate has been installed and appears to be substantially limiting the dirt on Applebutter Road.
7. Garbage was being disposed in Cell SE2-AB Phase 1 (see Photo 1 and 2 looking from bottom north and from top looking east respectively). The approach to and departure from the working face was stable and passable with a pickup truck. The trailer tipper was in use on the north end of the cell. One (1) compactor and one (1) dozer were working in the garbage at this location. A slight garbage odor was detected at the north end working face. Portable litter fencing is being utilized.
8. Ample daily cover material is stockpiled on site, and tarps are also used on occasion as ADC.
9. No litter pickers were observed, and no blown litter was observed during the inspection.
10. The North Slope access road was not driven.
11. Leachate seeps observed during the previous inspection were repaired and no new seeps were observed on the north slope of the cells.
12. No water truck was observed in operation.
13. The customer convenience area was open, but not in use during this inspection.

- S
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  - Landfill
  - EMC
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Ms. Leslie Huhn  
Township Manager

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July 13, 2021

14. Capping material was observed over extensive areas of Cell 4.
15. A northern mister line mounted on the north access road guide rail was observed running. A southern mister line mounted on the southern access road guide rail was observed, but not running at the time of this inspection.
16. The west high wall was observed to be stable.
17. A technician from Control 21 was onsite working on the Leachate Management Chambers. Mr. White stated that a restriction was discovered in one the leachate drain lines. The technician spoke to Mr. White about some issues that he had diagnosed at Pump Station 1. Repairs will be made as needed.
18. We did not enter the scale house to inspect trucking slips.
19. Following the inspection, I conducted a driving patrol along Applebutter Road, Skyline Drive, through Steel City and along Riverside Drive. No offsite landfill-related odors were detected.
20. As a general overall observation, the facility appears to be in very good shape and free of debris or litter outside of the active working face.
21. Cell SE2-AB Phase II construction is ongoing and currently has been complete to subgrade (see Photo 3).
22. BL is investigating an increase in the Detection Zone flow to Cell 2AB sump. No more waste will be placed in the area of the sump until the cause of the increased flow is determined.

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



Scott J. Brown, HMI  
Host Municipality Inspection

sjb:jle/sas

S:\Projects\Municipal\Lower Saucon Twp\1590-07-BethLandfill\Docs\HMI landfill report of July, 1 2021.doc

cc: Ms. Diane Palik, Administrative Assistant, Lower Saucon Township

Photo 1



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Photo 2



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