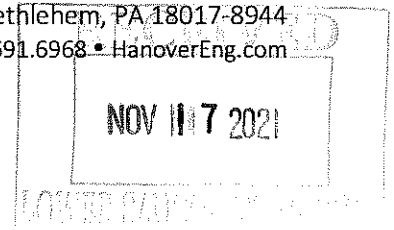


50 YEARS Hanover Engineering

252 Brodhead Road • Suite 100 • Bethlehem, PA 18017-8944
Phone: 610.691.5644 • Fax: 610.691.6968 • HanoverEng.com



November 17, 2021

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

RE: Inspection Conducted on November 2, 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 Astor Lawson, District Manager. The following items were noted during the inspection:

1. The former BRE facility, now owned by BL is not in operation. Site preparation continues for the new gas to energy plant east of the flair.
2. Weather conditions were clear, temperature around fifty (50) degrees Fahrenheit, light wind from the northeast and damp.
3. Mud observed on of Applebutter Road, one hundred (100) yards to the west of the LF entrance. Litter was also observed on the approach to the landfill entrance driveway. Astor was advised and litter pickers were dispatched and the street was cleaned.
4. The flare was in and appeared to be running normally with no visible emissions or flames observed. The main blower was in operation.
5. Stormwater issues as a result of Tropical Storm Ida have been adequately addressed.
6. The truck wash was observed in use and the shaker grate is being utilized.
7. Garbage was being disposed in Cell SE2-AB Phase 1 (see Photo 1) looking from the bottom of the cell to the north. 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. No garbage odor was detected at the north end of the cell. Portable litter fencing is being utilized and being repositioned during the inspection.
8. Daily cover material is stockpiled on site and tarps are also being utilized when needed and conditions permit. Daily cover material has been arriving too wet to utilize so tarps have been utilized more frequently.
9. Two (2) litter pickers were observed at the northern end of Cell SE2-A/B, and very minimal litter was observed outside the working face during the inspection.
10. No new leachate seeps were observed on the north slope of the cells. There is one location on the north slope that continues to seep after heavy rain and BL continues to dig it deep into the fill each time.
11. The water truck was observed in operation.
12. The customer convenience area was open.

S
ROUTING

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

Website
near 11-2-21

13. A northern mister line mounted on the north access road guide rail was observed running. The Cell SE2-AB mister line mounted on the southern access road guide rail was observed, but not running at the time of this inspection. The 10,000-gallon water storage tank for the mister has been received and waiting on electrical power to be connected. Once the tank has electrical power in place, the mister will be operational. A temporary mister has been in place to utilize when needed. The electrical contractor has been contracted to run power to the pumps for the new mister.
14. The west high wall was observed to be stable.
15. We did not enter the scale house to inspect trucking slips.
16. Following the inspection, I conducted a driving patrol along Applebutter Road, Skyline Drive, through Steel City and along Riverside Drive. A slight offsite landfill-related odor was detected near the intersection of Applebutter Road and Ringhoffer Road. No sewage odor was detected at the City's WWTP.
17. Construction of the new cell continues with placement of the fine aggregate base, the process has been slow due to the shortage of truck drivers to deliver the aggregate (see Photo 2).

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

S:\Projects\Municipal\LSauconTwp\LS90-07-BethLandfill\Docs\IESI landfill report of November 2, 2021.doc

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

Photo 1



Photo 2

