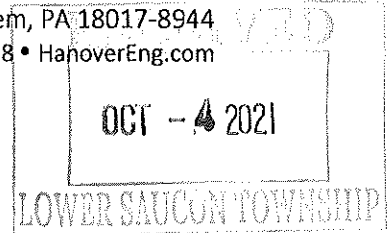


50 YEARS Hanover Engineering

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October 4, 2021

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

RE: Inspection Conducted on September 16, 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 Philip Garcia, Operations Supervisor.. The following items were noted during the inspection:

1. The former BRE facility, now owned by BL is not in operation.
2. Weather conditions were clear, temperature around 70 degrees, very light wind from the northeast and low humidity.
3. A dirt film was observed on of Applebutter Road 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. BL has increased the street sweeping to a minimum of two (2) days a week.
4. The flare was in operation 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:
 - A. The erosion rills throughout the newly constructed subbase for Cell SE2-A have ben substantially repaired, but the mud will have to be cleaned out of the sump when it dries out (see Photo 2).
 - B. There was substantial erosion from the stormwater basin outlet located at the northeast corner of the facility permit boundary that drains stormwater towards the north slope area. Also, the access road leading to the northeastern most wells, particularly near BL-190, was heavily eroded and the erosion continued beyond the northern permit boundary fence. BL is seeking quotes from NAPA to complete the repairs.
 - C. Substantial erosion was observed off the north slope access road at the northwest corner of the permit boundary west of the maintenance garage. BL is seeking quotes from NAPA to complete the repairs.
6. The truck wash was observed in use. The shaker grate is being utilized.
7. Garbage was being disposed in Cell SE2-AB Phase 1 (see Photo 1) looking from the top of the cell southward). 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.

ROUTING

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

hea 09-16-21

8. Ample daily cover material is stockpiled on site and tarps are also being utilized.
9. No litter pickers were observed, 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.
11. No water truck was observed in operation.
12. The customer convenience area was open.
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 ordered. Once the tank is in place, the mister can be operational.
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. No offsite landfill-related odors were detected. A moderate sewage odor was detected at the City's WWTP.

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 September 16, 2021.doc

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

Photo 1



Photo 2

