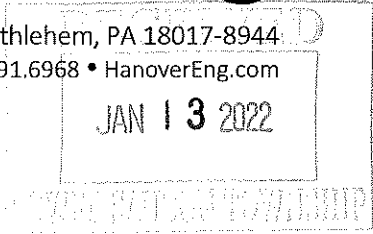


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January 13, 2022

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

RE: Inspection Conducted on January 6, 2022
 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 Phillip Garcia, Operations Supervisor. The following items were noted during the inspection:

1. The former BRE facility is not in operation. Site grading continues for the base of the new gas to energy plant east of the flair. Precast block retaining walls are being set.
2. Weather conditions were clear, temperature around forty-five (45) degrees Fahrenheit, no to little wind.
3. No litter was observed along Applebutter Road. A slight mud film was observed on Applebutter Road extending approximately one hundred fifty (150) yards west of the landfill entrance. No LF odors were detected along Applebutter Road from the WWTP to I-78. A moderate sewage odor was detected from the Freemansburg bridge to the WWTP.
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. Temperature was one thousand six hundred sixty (1,660) degrees Fahrenheit and flowing at 2,960 SCFM.
5. The truck wash refurbishing project was completed and observed in use. The shaker grate is being utilized.
6. BL has brought the waste pack up to the required grades in cell 4-F and has started placing the cover soil in preparation for the final capping of cell 4. The current working face is in cell SE-2AB Phase I along the western side. The waste is being dumped at the northwest corner of the cell which is at the very top of the landfill and is being pushed down the side slope several hundred feet to the actual disposal area (see Photos 1 and 2).
7. Daily cover material is stockpiled on site and tarps are also being utilized as needed and the conditions permit.
8. Two (2) litter pickers were observed at the working face. BL has contracted a tree cutting company to remove the blown litter in the trees along the eastern and southeastern permit boundary, however, their availability is not until the spring timeframe. BL has ordered 20-foot telescopic poles to try and remove as much litter from the trees before the tree cutting company can get out to BL.
9. No new leachate seeps were observed on the north slope of the cells.
10. The water truck was not observed in operation.
11. The customer convenience area was open.

ROUTING

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Ms. Leslie Huhn
Township Manager

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January 13, 2022

12. The cell SE2-AB mister project has been completed and it is operational. The mister was not in use at the time of this inspection.
13. The west high wall was observed to be stable.
14. Removal of the sediment from the stormwater basins has not resumed.
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. Sewage odor was detected from the City's WWTP to the Freemansburg bridge.
17. Construction of cell SE2-AB Phase II HDPE liner has been completed and the placement of the drainage material has started in the sump (see Photos 2 and 3).
18. DEP was on site earlier in the week to retest the gas wells that had exceedances in November. All the wells retested below 500 PPM, will be retested in two (2) weeks for the thirty (30) day test. DEP was on site January 5, 2022 and the gas well was retested and registered an exceedance.

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:sas

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

Photo 1



Photo 2



Photo 3

