

50 YEARS Hanover Engineering

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September 15, 2022



Mr. Mark Hudson
Township Manager
Lower Saucon Township
3700 Old Philadelphia Pike
Bethlehem, PA 18015

RE: Inspection Conducted on September 1, 2022
Bethlehem Landfill
Hanover Project LS90-7

Dear Mr. Hudson:

The purpose of this letter is to report the results of the above-referenced inspection. The inspection was conducted by the undersigned along with Matthew Hubert, Operator, and Nathan Bailey, Lead Supervisor, at approximately 10:00 a.m. The following items were noted during the inspection:

1. Weather conditions at the office were sunny, temperature around seventy-six (76) degrees Fahrenheit, light to moderate wind out of the east and low humidity.
2. No litter was observed along Applebutter Road from the WWTP to Ringhoffer Road and from Ringhoffer Road east to approximately the eastern side of the Krasnansky property along both sides of Applebutter Road. The Applebutter Road paving project from Ringhoffer Road to Shimersville Road has been completed. The area around the office, scale house and truck wash are very clean.
3. No odors around the WWTP were detected. No other odors were detected along Applebutter Road from east of the WWTP to I-78.
4. The flare was in operation and appeared to be running normally with no visible emissions observed. Temperature was 1655 degrees Fahrenheit and flowing at 3744 SCFM.
5. The truck wash was in service. The shaker grate located southwest of the Blue Leachate Storage Tank has been removed and replaced with a new style of grate that can more easily be cleaned of the accumulated mud.
6. The access road from the office to the top of the landfill was in good condition and the minor erosion along the eastern edge noted during the August 18, 2022 inspection has been addressed. The entire access road from the office to the working face was free of dust and the water truck was observed in operation (see Photo 1).
7. Placement of the final cap material along the north slope of cells 4-A, 4-B, 4-D and 3-C has been completed (see Photos 2 and 3). Photo 3 also shows a typical gas well and how it is sealed where it protrudes through the liner. NAPA has pulled off the site until the capping material arrives.
8. The current working face is in the sump area of cell SE-2AB Phase I and II (see Photos 4 and 5). The trailer tipper, walking floor trailers, and garbage trucks are offloading waste.
9. Daily cover material in excess of 5 days of supply is stockpiled at the top of the landfill. Tarps are also being utilized as needed and the conditions permit.
10. One (1) litter picker was observed during this inspection. The installation of posts for the tall permanent litter fencing along the southeast corner and south side of cell SE-2AB has been completed. The fence netting continues to be on backorder.

ROUTING

☒ Council
☒ Manager orig.
☐ Asst. Mgr.
☐ Zoning
☐ Finance
☐ Police
☐ P. Works
☐ P/C
☐ P & R
☐ EAC
☐ Engineer
☐ Licitor
☐ Planner
☒ Landfill
☐ EMC
☒ Other
website

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11. The customer convenience area has been relocated back to the original location south of cell SE-2AB (see Photo 6).
12. The north slope perimeter road was inspected and was in a passable condition and no signs of erosion channels.
13. The cell SE2-AB mister was not in use at the time of this inspection.
14. The west high wall was observed to be stable.
15. We did not enter the scale house to inspect trucking slips.
16. Site grading and prep work is complete for the new gas to Energy Plant east of the flair. The Energy Plant footer construction is continuing.
17. Following the inspection, I conducted a driving patrol along Applebutter Road, Skyline Drive, through Steel City and along Riverside Drive and no odor was detected. No sewage odor was detected at the City's WWTP. There was a slight dust film on the westbound lane of Applebutter Road west of the Landfill entrance for approximately 200 yards.

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

S:\Projects\Municipal\LSauconTwp\LS90-07-BethLandfill\Docs\IESI landfill report of September 1, 2022.doc

cc: Ms. Stacy Werkheiser, Administrative Assistant, Lower Saucon Township (By email)
Ms. Carol Schneider, Administrative Assistant, Lower Saucon Township (By email)
Ms. Rachelle Markovic (By email)

Photo 1



Photo 2



Photo 3



Photo 4

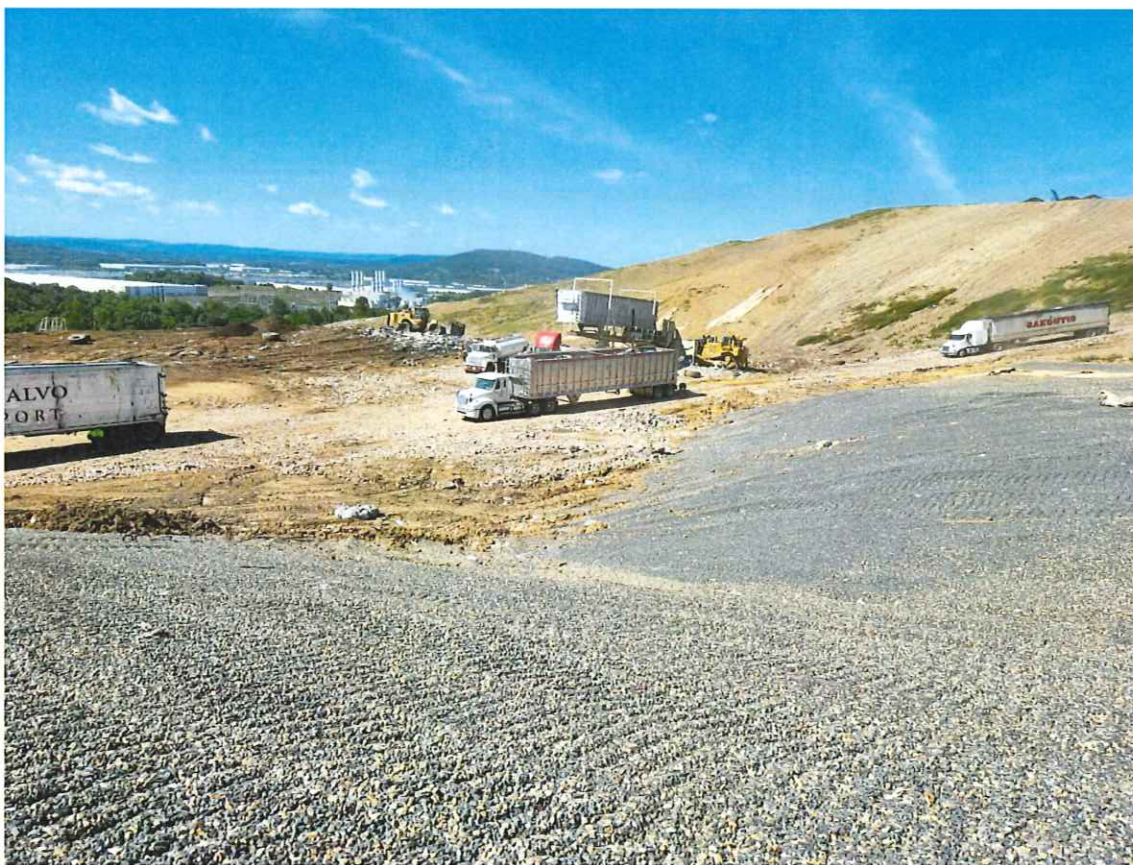


Photo 5



Photo 6

