

Hanover

Engineering Associates Inc



October 15, 2015

Mr. Jack Cahalan, Manager
Lower Saucon Township
3700 Old Philadelphia Pike
Bethlehem, PA 18015

RE: Inspection Conducted on October 15, 2015
IESI Bethlehem Landfill
Hanover Project LS90-7

Dear Mr. Cahalan:

The purpose of this letter is to report the results of the above-referenced "pre-meeting" inspection, which was conducted by me along with Mr. Allen Schleyer, District Manager for IESI, Ms. Priscilla deLeon, Council Liaison, and Ms. Donna Louder, Citizen Representative. The following items were noted during the inspection:

1. The Bethlehem Renewable Energy (BRE) plant was not running. Mr. Schleyer stated BRE personnel had informed him that they have "engine work to do" and that parts have been ordered.
2. The landfill flare was running at a flow rate of 3,200 Standard Cubic Feet per Minute (SCFM) and a temperature of 1,671 degrees Fahrenheit. The largest blower was observed to be in operation today. Mr. Schleyer stated that the flare has been able to keep up with the increased gas flow since the BRE plant has been down. He stated that he has been "exercising" the two (2) smaller blowers to make sure they are in working order.
3. The truck wash was not in use, due to dry conditions.
4. No mud, odor, or blowing litter was observed along Applebutter Road, the entrance driveway, or at the landfill office. No odors were observed anywhere on site during the inspection.
5. The southern mister line was observed to be running during the inspection.
6. Wind direction during the inspection was predominantly from the northwest/west (blowing from), with an estimated speed of five to ten miles per hour (5-10 mph).
7. Garbage was being disposed of in Cell 4A, at the top west end of the south face. Wind screens were in place at the working face. The truck tipper is staged near the working face, but was not in use during this inspection.
8. Cover soil is still being imported. No Alternative Daily Cover material is being used.
9. Work to construct new Cell 4E Stage 3 is currently proceeding.
10. Newly topsoiled areas at the top of the western face have been hydroseeded.
11. Mr. Schleyer stated that the Lower Saucon Police Department weight enforcement effort has been ongoing, and that he is still receiving reports of the results.
12. The west high wall was observed. No major changes since the last inspection were evident. No slope failures and no major movement of soil or rock along the wall were observed. Sediment in the stormwater channel at the base of the wall (washed in from upstream) has not yet been cleaned out.

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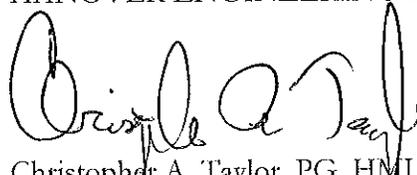
- Council
- Manager
- Asst. Mgr.
- Zoning
- Finance
- Police
- P. Works
- P/C
- P & R
- EAC
- Engineer
- Solicitor
- Planner
- Landfill
- EMC
- Other

13. Mr. Schleyer stated that final elevation in the area of Cell 4F has been reached and that this area is now receiving final capping (approximately 2.8 acres), which has been underway for several weeks. This ongoing work was observed during this inspection.
14. Mr. Schleyer stated that the temporary capping project will begin soon, following completion of the permanent capping project.
15. The channel at the bottom of the southern face was previously cleaned out and reformed. Rock check dams were added to the channel in several places. The junction box at the downpipe is cleaned out.
16. The condition of the north slope road was inspected and found to be mostly passable. The western leg of the road has experienced some erosion and will need to be dressed up.
17. Mr. Schleyer stated that the search for a new Compliance Manager (the position that he was promoted from) is still ongoing.
18. Following the inspection, I conducted a driving patrol along Applebutter Road eastward to the intersection of Ringhoffer Road at 11:45AM. No landfill-related odors were observed during this inspection. I conducted a driving patrol along Skyline Drive, beginning at 11:50AM. No landfill-related odors were observed during this inspection.
19. I conducted a driving patrol through Steel City starting at 12:00PM. No landfill-related odors or sounds were observed. This patrol did not extend through the Narrows, where Riverside Drive is still closed for road repairs.

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 ASSOCIATES, INC.



Christopher A. Taylor, PG, HMI
Host Municipality Inspector

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