

Hanover

Engineering Associates Inc



October 8, 2014

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

RE: Inspection Conducted on October 7, 2014 at
IESI Bethlehem Landfill
Hanover Project LS90-7

Dear Mr. Cahalan:

The purpose of this letter is to report the results of the above-referenced "mid-meeting" inspection, which was conducted by me along with Allen Schleyer, Compliance Manager for IESI. The following items were noted during the inspection:

1. The Bethlehem Renewable Energy (BRE) plant was not running. Mr. Schleyer stated that the plant had just shut down for planned maintenance. He stated that the plant operator made him aware of this shutdown so that he could adjust the landfill flare to compensate.
2. The landfill flare was running at a flow rate of 2,930 Standard Cubic Feet per Minute (SCFM) and a temperature of 1664 degrees Fahrenheit. The flow rate indicates a strong pull of landfill gas and correlates with the BRE plant being shut down. The new, larger blower was being run to provide a strong pull of landfill gas.
3. The truck wash was not in use due to dry conditions.
4. No mud, odors, or blowing litter were observed along Applebutter Road, the entrance driveway, or at the landfill office.
5. No litter was observed in the trees within the perimeter fence. Windscreens were in use at the working face. Wind direction during the inspection was predominantly from the west/southwest (blowing from), with an estimated speed of five to ten miles per hour (5-10 mph).
6. Garbage was being disposed of in Cell 4E at the interface of Stages 1 and 2. One (1) truck was off-loading and two (2) trucks were waiting. The truck tipper was parked on site at the working face and had been used earlier in the day, but was not being used during the inspection.
7. Soil for daily cover material was being trucked in from off-site and staged at the north end of Cell 4E. All cover soil currently being used is being imported. No Alternative Daily Cover material is being used. No excavation work was taking place at the north end of Cell 4E to generate cover material.
8. Grass is starting to grow on the area of final capping on the south face.
9. The west face of the landfill has been topsoiled in ongoing work to "dress up" this area.
10. The west high wall was observed and appears to be substantially unchanged since the last inspection. No major slope failures along the wall were observed.

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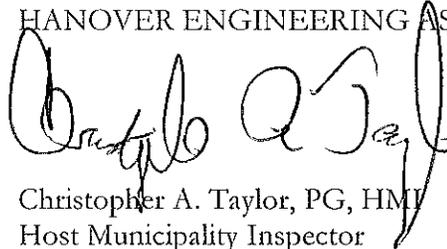
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11. It was observed that a drilling rig was still present onsite. Mr. Schleyer stated that the rig was used to install additional vertical gas collection wells, and that this work is now complete. He stated that a horizontal gas collection well was installed in the southwest corner of the landfill, roughly opposite the west wall. The wellhead pipe for this well was observed during this inspection.
12. A slight garbage odor was observed at the landfill office, when multiple trucks were lined up waiting to use the scale. No odors were observed anywhere else on the property during this inspection.
13. Neither the spray line along the northern perimeter nor the spray line along the southern access road was running at the time of the inspection. Mr. Schleyer stated that both had been run earlier in the day as part of a regular schedule of operation.
14. Mr. Schleyer stated that IESI was aware of the odor complaints that had been called into the Department of Environmental Protection (DEP) relative to an odor incident that occurred late in the evening on October 2, 2014. He stated that he had not seen any follow-up reporting from the DEP.
15. A new control panel that will supply emergency power to Pump Stations 1, 2, and 3 in the event of a power outage is still staged in the parking lot, awaiting installation.
16. This inspector conducted a patrol through Steel City and the narrows, beginning at 3:00PM. No landfill-related odors or sounds were observed during this inspection.

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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