

# Hanover

Engineering Associates Inc

DEC - 2 2014

LOWER SAUCON TOWNSHIP

December 1, 2014

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

RE: Inspection Conducted on November 20, 2014  
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 Allen Schleyer, Compliance Manager for IESI. Since this reporting is no longer included in the Township's Landfill Committee Meeting Minutes report, it will be provided in this format. The following items were noted during the inspection:

1. The Bethlehem Renewable Energy (BRE) plant was running.
2. The landfill flare was running at a flow rate of 990 Standard Cubic Feet per Minute (SCFM) and a temperature of 1753 degrees Fahrenheit.
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. Litter was observed on the north face. Mr. Schleyer stated that pickers are scheduled to start cleanup work tomorrow. Windscreens were in use at the working face. Wind direction during the inspection was predominantly from the west (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 Stage 2. One (1) truck was off-loading and zero (0) trucks were waiting. The truck tipper was parked on site at the working face and had been used earlier, but was not being used during the inspection.
7. Soil for daily cover material had been trucked in from off-site and stockpiled at the north end of Cell 4E, where a large stockpile now exists. Daily cover material was staged at the working face. 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. A good growth of grass is established on the area of final capping on the south face.
9. 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.
10. A slight intermittent landfill gas odor was observed near the west end of the MSE wall. This is the only place on site that an odor was observed.
11. 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. The spray line along the southern access road has been extended approximately four hundred fifty feet (450'). It now extends approximately two hundred feet (200') along the western boundary line.

ROUTING

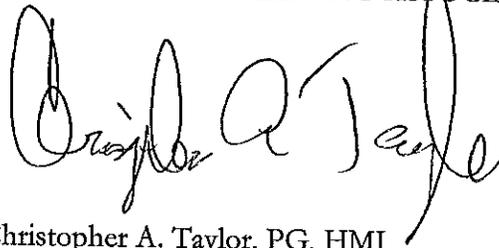
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  - Engineer
  - Solicitor
  - Planner
  - Landfill
  - EMC
  - Other

12. 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.
13. Additional cover soil has been added over areas of intermediate cover on the southern face, immediately west of the newest final cap area, over the first four (4) benches.
14. Mr. Schleyer stated that remediation work is continuing on the remaining Surface Emission Monitoring (SEM) exceedance locations identified by representatives of the Department of Environmental Protection's Air Quality program during their inspection conducted during the first week of November. Mr. Schleyer stated that six (6) or seven (7) of these locations failed their ten (10) day recheck.
15. The Lower Saucon Township Police Department was on site performing overweight vehicle enforcement.
16. This inspector conducted a patrol through Steel City and the narrows, beginning at 11:57AM. 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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