

# Hanover

Engineering Associates Inc

February 20, 2015

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

RE: Inspection Conducted on February 19, 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 Allen Schleyer, Compliance Manager for IESI, Priscilla deLeon, Council Representative, Donna Louder, Committee Member, and Gene Boyer, Citizen Representative. 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 1655 Standard Cubic Feet per Minute (SCFM) and a temperature of 1640 degrees Fahrenheit.
3. The truck wash was not in use due to dry (frozen) conditions.
4. No mud, blowing litter, or odor was 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 face of the MSE wall. Mr. Schleyer stated that IESI would schedule pickers to remove it. Windscreens were in use at the working face. Wind direction during the inspection was predominantly from the northwest to west (blowing from), with an estimated speed of fifteen to twenty-five miles per hour (15-25 mph), gusting and shifting occasionally to blow from the south.
6. Garbage was being disposed of in Cell 4E Stage 2, near the interface with Cell 4D. One (1) truck was off-loading and two (2) trucks were waiting. The truck tipper was not actively being used at the time of the inspection.
7. All cover soil currently being used has been imported. Mr. Schleyer reported that they have not had to import soil for several weeks, due to the large amount already stockpiled onsite. No Alternative Daily Cover material is being used.
8. The west high wall was observed and appears to be substantially unchanged since the last inspection, except for several large rocks observed in the stormwater swale at the toes of the slope. No major slope failures along the wall were observed.
9. A moderate odor that seemed to be a combination of garbage and landfill gas was observed near the LSA water tower when the wind would shift and blow from the south.
10. 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 they cannot be operated in below-freezing temperatures.

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ROUTING

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

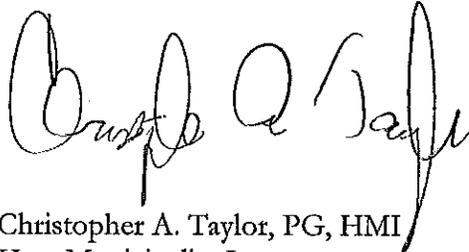
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11. A new control panel that will supply emergency power to Pump Stations 1, 2, and 3 in the event of a power outage was previously installed and is functional.
12. No active work to construct new Cell 4E Stage 3 was taking place. This work was suspended pending better weather and site conditions.
13. This inspector conducted a patrol through Steel City and the narrows, beginning at 12:27PM. 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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