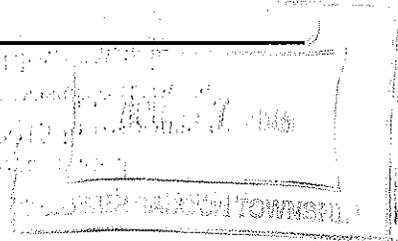


# Hanover

Engineering Associates, Inc.

April 1, 2015



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

RE: Inspection Conducted on April 1, 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 "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 running. Mr. Schleyer stated that the plant was probably still only running on one (1) compressor instead of two (2), based on the gas flow rate to the flare (see below).
2. The landfill flare was running at a flow rate of 1,670 Standard Cubic Feet per Minute (SCFM) and a temperature of 1633 degrees Fahrenheit. Mr. Schleyer stated previously that he turned on the largest blower on February 24, 2015 in response to the prior outage at the BRE plant in order to create the strongest possible draw of gas to the landfill flare. This inspector confirmed that the largest blower was in operation today.
3. The truck wash was not in use due to initially frozen conditions. I advised Mr. Schleyer to monitor the situation, as the site would be getting muddy when it thawed.
4. No mud, blowing litter, or odor was observed along Applebutter Road, the entrance driveway, or at the landfill office upon my arrival at the facility. A slight landfill gas odor was observed at the landfill office at the end of the inspection at approximately 11:50AM. No other odors were observed on site during the inspection.
5. A few pieces of litter were observed in the trees within the perimeter fence. I observed a picker using an extension pole attempting to remove them. Some litter was observed on the south face. Pickers have been working recently to remove this (trash bags observed). Windscreens were in use at the working face. Wind direction during the inspection was predominantly from the north to northwest (blowing from), with an estimated speed of ten to twenty miles per hour (10-20 mph).
6. Garbage was being disposed of in Cell 4D, near the interface with Cell 4E. One (1) truck was being off-loaded by the truck tipper, and one (1) truck was dumping conventionally. Zero (0) trucks were waiting to unload. No noise was observed from the operation of the truck tipper from a distance of several hundred feet.
7. All cover soil currently being used was previously imported. Mr. Schleyer reiterated that they have not had to import soil for a long time, 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. No major slope failures along the wall were observed.

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

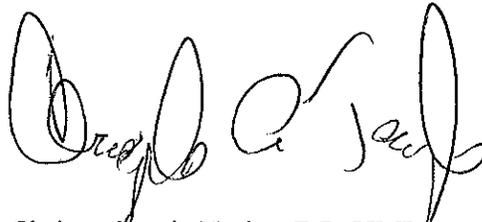
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9. Neither the spray line along the northern perimeter nor the spray line along the southern access road was running at the time of the inspection. Mr. Schleyer stated that they are checking the equipment and preparing for its use with the onset of warmer temperatures.
10. Work to construct new Cell 4E Stage 3 has recently taken place, involving the placement of fill soil for the sub base of the cell. Soil to be used for the construction of this cell was being imported and stockpiled today. Mr. Schleyer stated that the construction of this cell will proceed as weather and site conditions permit.
11. Mr. Schleyer stated that IESI has installed a gas extraction line and connected it to the leachate cleanouts in Cell 4E Stage 2 in an attempt to extract landfill gas from the lower portions of the waste pack. This line is then connected to one of the existing vacuum lines. I observed this gas extraction line during the inspection.
12. Mr. Schleyer stated that the sampling of the groundwater wells located along the North Slope access road has taken place and all sampling for the quarterly groundwater monitoring event is now complete.
13. Mr. Schleyer stated that the installation of new landfill gas wells is now scheduled to proceed after the Easter holiday. Also, a rehabilitation of gas wells that are "watered in" is also planned. This work is detailed in a letter recently issued by IESI.
14. This inspector conducted a patrol through Steel City, beginning at 12:00 Noon. 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

cat:cat/dad

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