

Hanover

Engineering Associates Inc

April 21, 2016

Ms. Leslie Huhn, Township Manager
Lower Saucon Township
3700 Old Philadelphia Pike
Bethlehem, PA 18015

RE: Inspection Conducted on April 21, 2016
IESI Bethlehem Landfill
Hanover Project LS90-7

RECEIVED

APR 26 2016

Dear Ms. Huhn:

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, Mr. Nick Rogers, Compliance Manager for IESI, and Ms. Priscilla deLeon, Township Council liaison. The following items were noted during the inspection:

1. The Bethlehem Renewable Energy (BRE) plant was not running.
2. The landfill flare was running at a flow rate of 3,168 Standard Cubic Feet per Minute (SCFM) and a temperature of 1,684 degrees Fahrenheit. Mr. Schleyer reported that the largest blower, which had previously developed a mechanical problem, was back online. The instrument readout indicated that the flare was running at approximately eighty-three percent (83%) capacity.
3. The truck wash was not in use due to dry conditions.
4. No mud, odor, or blowing litter was observed along Applebutter Road up to Ringhoffer Road, the entrance driveway, or at the landfill office parking lot.
5. Moderate continuous landfill working face (garbage) odors were observed between the west end of the MSE wall and the LSA water tower, directly above the working face. No odors were observed anywhere else on the property.
6. Neither the northern or southern mister lines were observed to be running during the inspection. Mr. Schleyer stated that both lines have been de-winterized and prepared for usage. I requested that he get the northern line running, due to the southern wind blowing toward Riverside Drive.
7. Wind during the inspection was estimated at five to fifteen (5-15) miles per hour, blowing from the south.
8. Garbage was being disposed of in Cell 4E Stage 3, in the fluff layer along the northern slope of the cell. A spotter was stationed at the working face to check loads for objects that might damage the liner. One (1) truck was observed dumping, and none were observed waiting. Windscreens were in place. A box wire fence meant to catch blowing litter was also previously installed at the top of the north slope and is still in place. Daily cover soil material was being staged at the working face during the inspection.
9. Cover soil is still being imported. No Alternative Daily Cover material is being used. Soil for use as cover and in construction was previously stockpiled on site.

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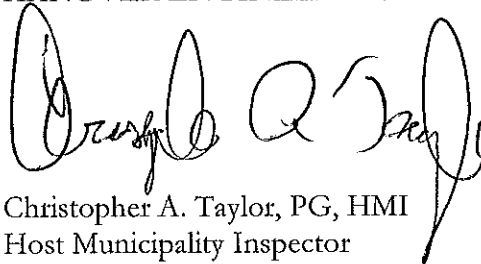
Webster

10. The face of the MSE wall still has a lot of litter stuck in the vegetation. A picker was observed working to remove it during the inspection.
11. Work has been completed on the riprap stormwater channel on the north face to connect the gabion down-channel to the large swale that carries stormwater to the south side of the facility. The entire new final capping project in the area of Cell 4F on the north face has been seeded and mulched and is now complete.
12. The west high wall was observed. No major changes since the last inspection were evident. No slope failure and no major movement of soil or rock along the wall were observed.
13. The work to clean the sediment out of Basin 6 has resumed and will continue as weather and site conditions allow. An excavating machine was observed sitting idle in the basin. Mr. Schleyer stated that the sediment is still very wet below the surface, and will be removed as it's allowed to dry.
14. The temporary capping project on the southern face is nearing completion. Soil has been installed over almost all bench and perimeter areas of the cap. The temporary cap is now sealed to the adjacent permanent cap along their entire border. Mr. Schleyer stated that the gas collection system under the cap is not yet connected and drawing gas.
15. Following the inspection, I conducted a driving patrol along the intersection of Applebutter Road and Ringhoffer Road, starting at 11:26 AM. The sound of trucks on the landfill access road was observed. No sounds from the flare, and no landfill-related odors, were observed. I conducted a driving patrol along Skyline Drive starting at 11:33 AM. No landfill-related odors or sounds were observed. I began a driving inspection through Steel City at 11:45 AM. No landfill-related odors or sounds were observed.

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