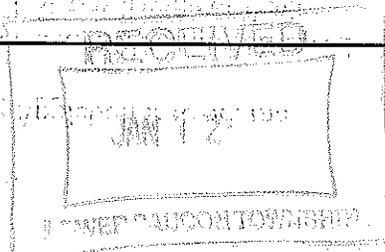


Hanover

Engineering Associates, Inc

January 9, 2015



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

RE: Inspection Conducted on January 8, 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.
2. The landfill flare was running at a flow rate of 1355 Standard Cubic Feet per Minute (SCFM) and a temperature of 1646 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 face of the MSE wall. Mr. Schleyer stated that IESI was having difficulty finding laborers to remove the litter due to the extremely cold weather conditions. Windscreens were in use above the working face. Wind direction during the inspection was predominantly from the west/southwest (blowing from), with an estimated speed of ten to twenty miles per hour (10-20 mph), with higher gusts.
6. Garbage was being disposed of at the interface of Cells 4D and 4E Stages 1 and 2. Two (2) trucks were off-loading and two (2) trucks were waiting. The truck tipper has been moved to the top of the west face, above 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 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. 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.
9. A slight landfill gas odor was observed near the west end of the MSE wall.
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.
11. 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.

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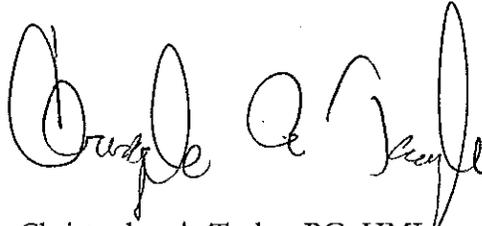
- Council
- Manager *orig*
- Asst. Mgr.
- Zoning
- Finance
- Police
- P. Works
- P/C
- P & R
- EAC
- Engineer
- Solicitor
- Planner
- Landfill
- EMC
- Other

12. Mr. Schleyer stated that IESI is in the process of adding cover soil to existing areas of intermediate cover on the south face. This work starts where the final capping ends and extends westward to the "shoulder" of the landfill. The face between the lower two (2) benches was observed to have new soil added. Stockpiles of cover soil were observed on the bench above this. Mr. Schleyer stated that the plan is to add cover soil all the way to the top of the southern face in this area. He stated that the amount of soil being added will be up to one foot (1') in thickness, bringing the total soil cover in these areas up to as much as two feet (2').
13. Mr. Schleyer stated that their air quality contractor, SCS, is finalizing their report of testing conducted due to the last Surface Emission Monitoring exceedances and will issue the report shortly.
14. Mr. Schleyer pointed out the dumpster containing the load of garbage that arrived at the landfill on fire earlier this week. He explained the procedures that were used to extinguish the fire and contain the runoff. The garbage is currently covered with soil in the dumpster. It will be weighed in and disposed of at the working face. Mr. Schleyer stated that he will issue a report of the incident, which was reported to the DEP.
15. This inspector conducted a patrol through Steel City and the narrows, beginning at 2:50PM. 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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