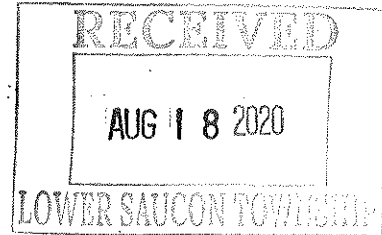


50 YEARS Hanover Engineering

252 Brodhead Road • Suite 100 • Bethlehem, PA 18017-8944
 Phone: 610.691.5644 • Fax: 610.691.6968 • HanoverEng.com

August 18, 2020



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

RE: Inspection Conducted on August 13, 2020
 IESI Bethlehem Landfill
 Hanover Project LS90-7

Dear Ms. Huhn:

The purpose of this letter is to report the results of a follow-up inspection to observe the progress of repairs and condition of the facility after Hurricane Isaias. The inspection was conducted by Astor Lawson, District Manager, Dave Pennucci District Engineer and I. The following items were noted during the inspection:

1. Weather conditions were dry, temperature in the low 70's, light winds from the northeast.
2. No mud or blowing litter was observed along Applebutter Road up to Ringhoffer Road, the entrance driveway or the office parking lot.
3. The landfill flare was operating normally with the new blower motor installed. The failed motor is still under repair.
4. The damage caused by Hurricane Isaias to the south slope of Cell-3A and the collection system leading to Sedimentation Basin 1 was temporarily repaired but within a few days after the hurricane the collection system was again damaged by a thunderstorm that occurred August 8, 20 which lead to stormwater making its way to Applebutter Road again. BL will begin to evaluate options to improve the function of the roadside Rip-Rap swale and increasing the capacity of the storm pipe discharging into basin 1 to prevent future stormwater from bypassing the collection system and reaching Applebutter Road. The erosion down the final soil cover of Cell 3A is also in need of repair, no HDPE capping material was observed. The damage to the north slope access road just north of the maintenance garage is still in need of repair.
5. The leachate seeps are under repair.
6. The temporary cap was observed and the minor ballooning of the cap that was observed August 5, 2020 is no longer occurring because the flare is back in operation.
7. I conducted a driving patrol at approximately 1:45 p.m. along Applebutter Road up to I-78, along Skyline Drive, through Steel City, Riverside Drive and through the Narrows after the inspection. No landfill-related odors were detected.
8. Along Riverside Drive at the Hill Climb property the flooding from Isaias gone and sediment remained over a very large area between the base of the hill climb and Riverside Drive. Riverside Drive (the Narrows) was open and passable.

ROUTING

- Council
- Manager *6/20*
- Asst. Mgr.
- Zoning
- Finance
- Police
- P. Works
- P/C
- P & R
- EAC
- Engineer
- Solicitor
- Planner
- Landfill
- EMC
- Other *Web head 08-13-20*

Ms. Leslie Huhn
Township Manager

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August 18, 2020

Activity Related to the Southeast Realignment Expansion

The contractor is currently constructing the MSE wall at the south end of Cell 1A and 1B. Delays to weather and soil conditions continue but BL is satisfied with the progress.

April 29 DEP Notice of Violation

Some of the materials for the Final Capping noted in the April NOV from DEP have been delivered and construction will start by the contractor that is working on the MSE wall when it is completed

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

Scott J. Brown, HMI
Host Municipality Inspector

sjb:jle

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cc: Ms. Diane Palik, Administrative Assistant, Lower Saucon Township