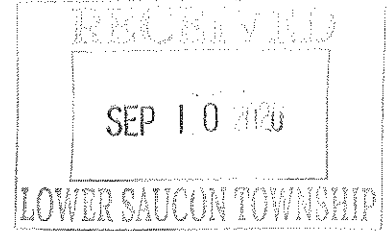


50 YEARS Hanover Engineering

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

September 10, 2020



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

RE: Inspection Conducted on September 3, 2020
IESI Bethlehem Landfill
Hanover Project LS90-7

Dear Ms. Huhn:

The purpose of this letter is to report the results of the above-referenced inspection. The inspection was conducted by Astor Lawson, District Manager and I. The following items were noted during the inspection:

1. No activity was observed at the BRE facility and appears that it will likely remain inactive due to ongoing litigation
2. Weather conditions were dry, temperature in the mid 70s, light wind to no wind and low humidity.
3. No mud or blowing litter was observed along Applebutter Road up to Ringhoffer Road, the entrance driveway or the office parking lot. The street sweeper was not observed along Applebutter Road or onsite during the time of the inspection.
4. The landfill flare was running at a flow rate of 3,288 standard cubic feet per minute (scfm), a temperature of 1,663 degrees Fahrenheit. The flare was in operation and appeared to be running normally with no visible emissions or flames observed.
5. Stormwater is being controlled properly and no substantial erosion rills were observed. Since the August 4th hurricane, the north slope access road has been repaired, the intermediate cover erosion rills on the southern slope of cell 1B have been graded out (See photo 3) and the stormwater collection system for cell 3A that drains to sedimentation pond #1 has been repaired.
6. The truck wash was open and being utilized.
7. One (1) picker was observed working on site to remove blown litter from the north slope of the working face. Temporary litter fence was in place at several locations around the working face (See photo 1 for fencing).
8. Garbage was being disposed at the top of Cell 1B, see photo 1. The approach to and departure from the working face was stable and passable. The trailer tipper was in use. Trucks were also unloading waste conventionally. One (1) compactor was working in the garbage. One (1) dozer was spreading soil to spread cover on the south face near the working face. Very slight garbage odor was detected while we were at the top of the landfill observing the daily operation two hundred (200) yards west of the working face.
9. Site roads are in good passable condition and dust free.

ROUTING

- Council
 - Manager *og.*
 - Asst. Mgr.
 - Zoning
 - Finance
 - Police
 - P. Works
 - P/C
 - P & R
 - EAC
 - Engineer
 - Solicitor
 - Planner
 - Landfill
 - EMC
 - Other *web*
- hea09-03-20*

10. The temporary cap on the south face was observed. No ballooning of the cap was occurring, and no odor in the area was detected.
11. The west high wall was observed. No slope failures or major movement of soil or rock since the last inspection was evident.
12. The customer convenience area was open.
13. We did not enter the scale house to inspect trucking slips since the weigh master did not want to have contact with anyone out of health concerns due to the Pandemic.
14. I conducted a driving patrol along the intersection of Applebutter Road from the City of Bethlehem WWTP to I-78 and the northern end of Ringhoffer Road before the inspection, starting at approximately 9:45 a.m. No landfill-related odors were detected. I conducted a driving patrol along Skyline Drive after the inspection, starting at approximately 11:00 a.m. and continued the patrol through Steel City after the inspection. No landfill-related issues were observed or detected.

Activity Related to the Southeast Realignment Expansion

15. Work on the MSE wall at the southern end of Cell 1A and 1B is almost completed (See photo 2). Anticipated completion by the end of September.
16. All materials for the final capping of the area noted in the April DEP NOV are on site with possible start of construction by the beginning of October.

Other Issues

17. The elevated gas levels in LFG-3A discussed during the August TCC meeting were discussed with Astor. Astor noted the latest readings for LFG-3A were around 11% VS. 16.7% noted during the TCC meeting. Astor also noted that the elevated level also triggered the preparation of a mitigation plan that will be submitted to DEP for approval.

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,



Scott J. Brown, HMI
Host Municipality Inspector

sjb:jle

S:\Projects\Municipal\1.SauconTwp\1.590-07-Behf.Landfill\Docs\HESI landfill repner of Sept 3, 2020.doc

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

Handwritten notes and stamps on the right margin, including a vertical list of names and initials.

Photo 1

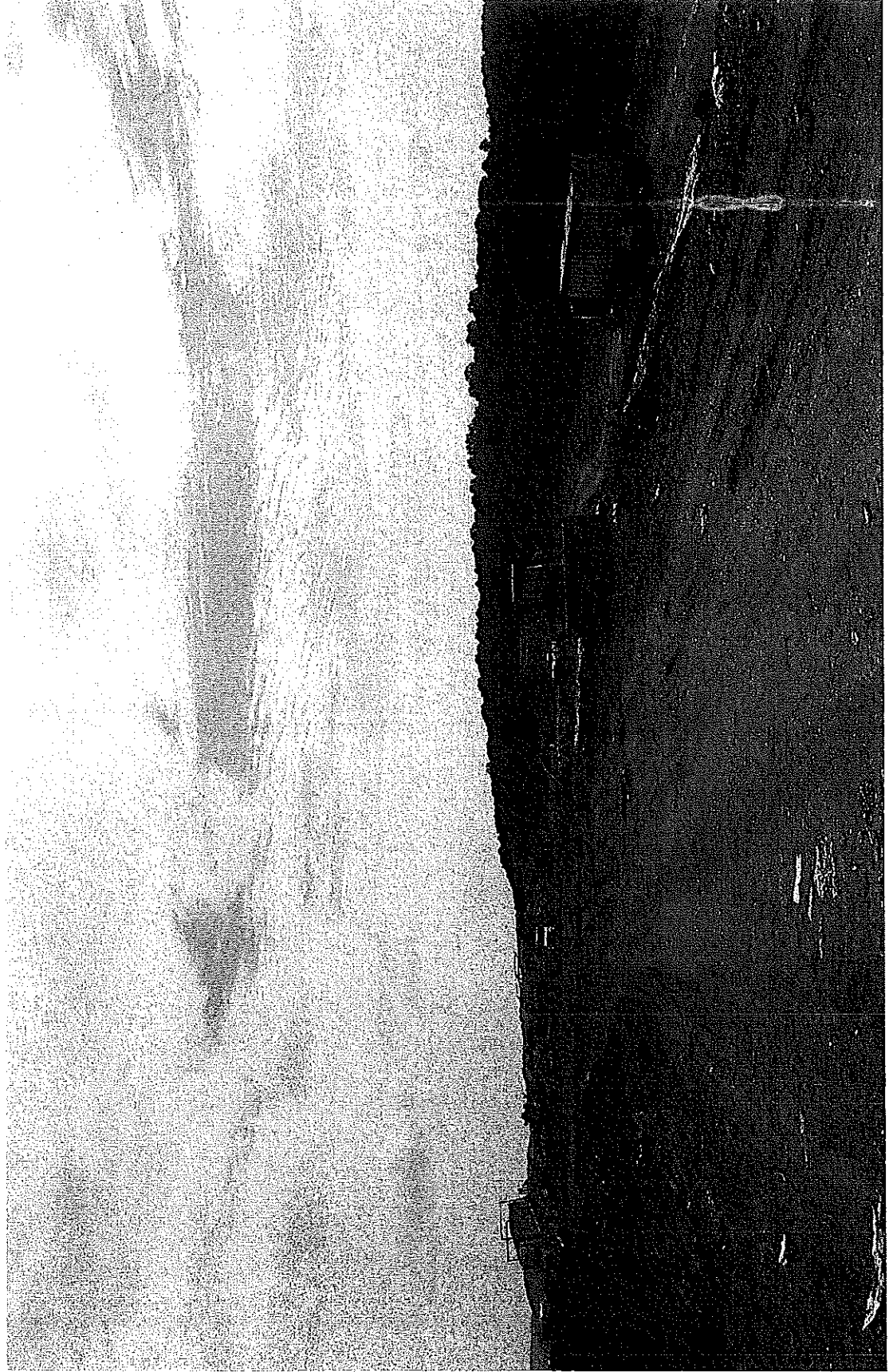


Photo 2

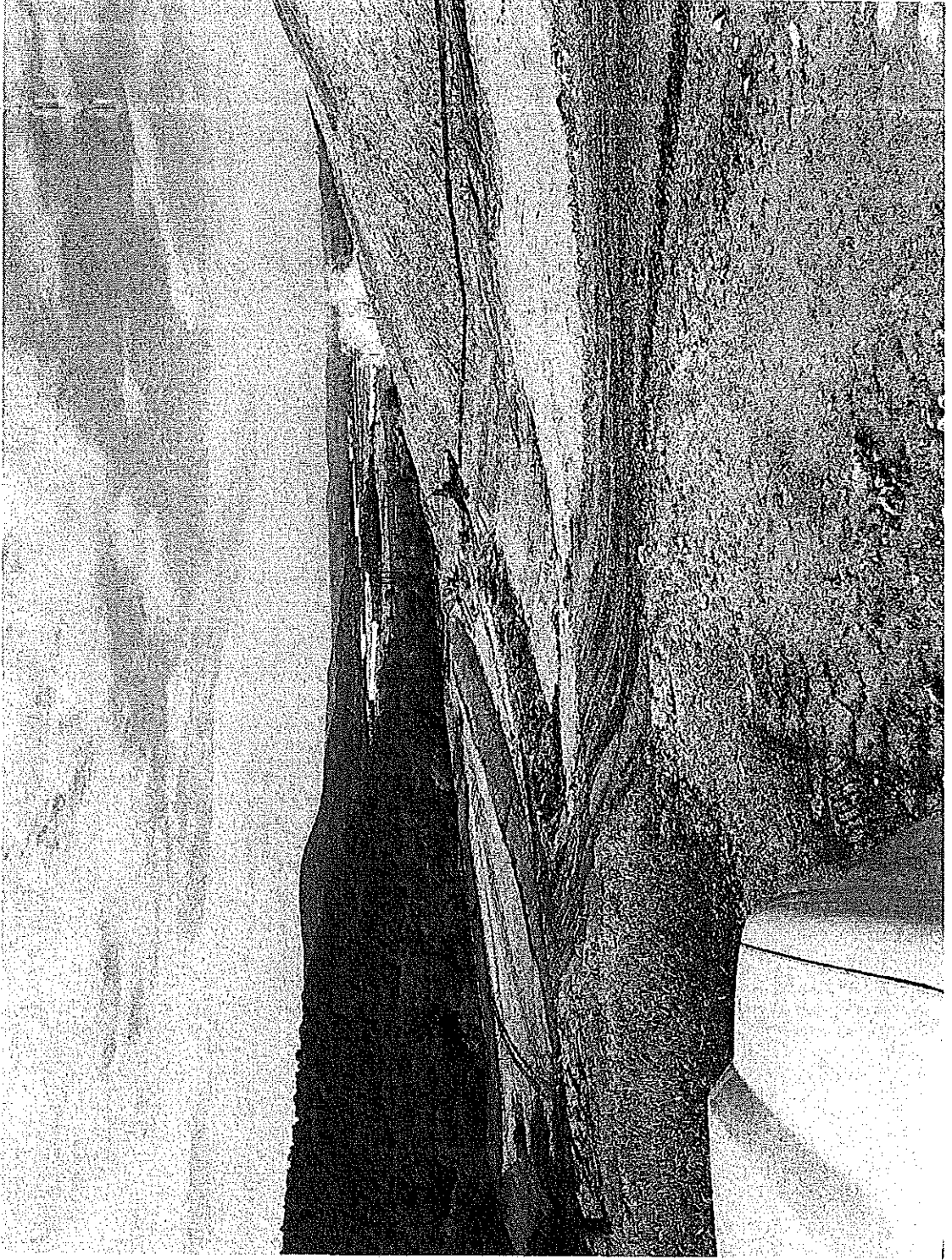


Photo 3

