

March 1, 2022

75-101 Plain Street, LLC
c/o GFI Partners, LLC
Attn: Bill Buckley
133 Pearl Street, Suite 300
Boston, MA 02110

Re: Peer Review of Sound Study of 75 Plain Street, Hopedale, MA

Ref 4681

Dear Bill:

Tech Environmental, Inc. (Tech) is pleased to provide this response to the comments of our “Sound Study of 75 Plain Street, Hopedale, MA” dated November 22, 2021. Those comments were emailed to Graves Engineering and Hopedale town staff on February 17, 2022, by Mr. Christopher Menge of Harris Miller & Hanson Inc. (HMMH) and generally stated that the sound study should demonstrate compliance with the Massachusetts Department of Environmental Protection (MassDEP) Noise Policy. Tech understands the comments provided by HMMH and has revised our Sound Study to address each of them. Attached is a revised Sound Study of 75 Plain Street, Hopedale, MA. Furthermore, Tech is providing responses below to address each of the comments provided by HMMH.

1. Mr. Menge commented that ambient sound levels should be determined through a sound monitoring program for a 7-day period. Tech conducted a sound monitoring program for a 10-day period (due to inclement weather) and those results are included in the revised Sound Study. The sound monitoring program included long-term and short-term monitoring at four (4) locations.
2. Mr. Menge commented that the lowest hourly ambient (L_{90}) value measured during the sound monitoring program be chosen for comparison with the facility-generated sound levels. The revised Sound Study is consistent with that comment.
3. Mr. Menge commented that the ambient (L_{90}) value be compared with the maximum expected sound emission from the facility, and that intermittent sound sources, such as truck pass-by movements and trucks idling at the loading docks, be added to the continuous sources, such as HVAC units, for a worst-case impact assessment. The revised Sound Study is consistent with that comment.
4. Mr. Menge commented that the Sound Study should demonstrate that the facility will not create a pure tone as defined by the MassDEP. The revised Sound Study demonstrates that the facility will not create a pure, as defined by the MassDEP, and a table of octave band results is provided as Appendix D.
5. Mr. Menge requested that the Sound Study include graphs showing the measured hourly (L_{90} , L_{eq} and L_{max}) sound levels measured during the sound monitoring program. The revised Sound Study includes those graphs as Figure 2.
6. Mr. Menge requested that the Sound Study include an appendix with the certificates of calibration for the sound meters, microphones and field calibrators. The revised Sound Study includes that information as Appendix A.

7. Mr. Menge requested that the Sound Study include a table showing the octave band sound power spectra of all exterior stationary equipment planned and a graphic showing their location on and around the proposed building. The revised Sound Study includes a table of the of the octave band sound powers is provided as Appendix B. The location of the sound sources are illustrated in Figure 4.
8. Mr. Menge requested that the Sound Study include an appendix with the manufacturer's data sheets showing the sound power levels of each planned stationary source. The revised Sound Study includes that information as Appendix C.
9. Mr. Menge requested that the Sound Study include tables showing the emissions of all mobile equipment at the site, such as itinerant trucks and terminal tractors, and references for those emissions. The revised Sound Study includes that information in Appendix B.
10. Mr. Menge requested a graphic showing the measurement locations and the modeled prediction locations. The revised Sound Study includes a graphic showing the measurement locations as Figure 1 and a graphic showing the modeled prediction locations as Figure 4.
11. Mr. Menge suggested that a color contour map of the facility's emissions could be included in the Sound Study but is not required. The revised Sound Study includes a color contour map of the facility's continuous sound emissions as Figure 5.

I am hopeful that these responses to comments in the revised Sound Study will provide the Planning Board justification that the Sound Study is now complete, and the proposed warehouse development will comply with the MassDEP Noise Policy.

If you have any questions, please call me at 781-890-2220.

Sincerely,

TECH ENVIRONMENTAL, INC.



Marc C. Wallace, QEP, INCE
Vice President