

MONDAY, 6/10 Sound Test RE; The Foundry SP Hearing

1. With the certified, professionally calibrated microphone in its prescribed outdoor position, we will play pink noise inside the venue, increasing the level until we reach the lesser of 60dB(a) or 65dB(c) on the meter that shows the reading from the microphone outside. We will be able to tell when we've reached the level as the meter will not go below these levels, though outdoor sounds might intermittently take the meter above these levels.
2. While maintaining the same level on the mixer or volume control, we will pause the pink noise and move the microphone inside the venue. We will place the microphone at the mix position, a central and repeatable place for long term measurement and regulation.
3. We will resume the pink noise and take note of the new levels with the microphone inside. This will show the differential inside vs outside, and dictate a **new permit limit that is equivalent to our current outside limits.**

QUESTIONS:

What is pink noise?

Pink noise contains equal energy per octave of sound spectrum. It's used in sound all of the time as a means to measure the relative level of all frequencies across the sound spectrum.

Why not test just with amplified music inside the venue?

Using pink noise is a more scientific approach resulting in cleaner results.

What is the purpose of this test?

The purpose is to determinate the maximum level of sound allowed inside of the venue that will meet the Special Permit conditions for the decibel levels allowed outside (60dB A weighted and 65dB C weighted) at The Foundry Harris Street property line. If the venue Special Permit is amended to require a recording of the sound from inside the venue for all amplified performances in lieu of recording decibel levels outside at the property line, it will eliminate the difficulty of enforcement that comes with the spikes in ambient sound levels from the interstate, wind, air traffic etc. It will also eliminate the Zoning Enforcement Officer's need to listen to the text logs corresponding audio recordings as only the sound from inside the venue will be creating the decibel levels.