

5.28.24 NCAC Back-up

Email Sent to B. Brown, Vice Chair – Noise Control Advisory Committee

I agree with you. Rock Bar is the major offender of the ordinance. current

Bill

On Wed, Apr 24, 2024 at 8:50 PM Ken Blum <kblumii@gmail.com> wrote:

Thank you for the opportunity to speak at the meeting yesterday. I appreciate the effort of the committee and it appears the city is committed to improving the noise problems. I didnt walk away confident that the recommendations would have a practical effect in reducing the Rock Bar problem in particular. I understand the dilemma in creating a standard for all. I continue to urge the committee to work toward a recommendation that will eliminate this destructive problem to residential life.

Ken Blum
Portofino

5.28.24 Back-up

Email regarding recommendations on dBA and dBC levels

From: Keely Siebein <ksiebein@siebeinacoustic.com>

Sent: Wednesday, April 24, 2024 9:13 AM

To: Porshia Garcia <PGarcia@fortlauderdale.gov>; Gary W. Siebein, FAIA, FASA
<gsiebein@siebeinacoustic.com>

Cc: Anthony Fajardo <AFajardo@fortlauderdale.gov>; Donna Varisco <DVarisco@fortlauderdale.gov>;
Katrina Jordan <KJordan@fortlauderdale.gov>

Subject: [EXTERNAL:CAUTION!]- RE: Question Regarding dBC and dBA

Hi Porshia,

Thank you for the reminder!

There is a 10 to 12 dB difference between the dBA and dBC levels for most “typical sounds” in an urban environment. Most sounds do not have the same dBA and dBC levels.

In other words, for a car passing on a street, people talking, residential air conditioning units, and other sounds that are not related to amplified entertainment, if it is measured at a given dBA level, the dBC level will be approximately 10 to 12 dB higher.

Example: Car passing on a street = 70 dBA at a given distance would be approximately 80 dBC.

Sounds that have large amounts of low frequency content, such as amplified music, can have differences in dBA and dBC values of up to 15 or even 20dB.

So the dBA sound level limits are 10 dB less than the dBC sound level limit so that the dBC level is not the only enforcement limit.

Please let us know if you have any other questions.

Thanks so much,

Keely M. Siebein, ASA, INCE, LEED AP BD+C

Associate Principal Consultant

SIEBEIN
ACOUSTIC

Architectural | Environmental

625 NW 60th Street, Suite C | Gainesville, Florida 32607
t: 352.331.5111, ext. 25

c: 352.246.1998
f: 352.331.0009

www.SiebeinAcoustic.com

Intelligently designing architectural, urbane and natural soundscapes for creative and healthy living

From: Porshia Garcia

Sent: Tuesday, April 16, 2024 10:04 AM

To: Gary W. Siebein, FAIA, FASA <gsiebein@siebeinacoustic.com>; Keely Siebein <ksiebein@siebeinacoustic.com>

Cc: Anthony Fajardo <AFajardo@fortlauderdale.gov>; Donna Varisco <DVarisco@fortlauderdale.gov>; Katrina Jordan <KJordan@fortlauderdale.gov>

Subject: Question Regarding dBC and dBA

Good morning, Gary and Keely:

Happy Tuesday! Greetings from sunny South Florida! In a few public meetings, the community has asked why there is a 10-decibel difference between dBA and dBC. For example, the outdoor limit for amplified sound is 60 dBA or 70 dBC. Can you please explain the “why” behind the 10-decibel difference?

Porshia L. Garcia, MPA

Deputy Director | Development Services Department