

From: [Michel](#)
To: [Joan Yu](#)
Subject: Re: AUC Bulletin 2023-01 - Stage 2 of round 2 consultation for potential changes to AUC Rule 012: Noise Control
Date: Tuesday, May 16, 2023 1:47:21 PM
Attachments: [1644236689941018_1701839001.png](#)

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Hi Joan,

Apologies for missing the deadline. We have been very busy and didn't have the chance to work on this in time.

Here is a summary of our opinion:

1- Determination of Suburban and Urban PSLs. The accurate way of defining the Permissible Sound Level is by performing noise monitoring at the most impacted residences to measure the actual existing ambient noise level at the receivers location.

2- Definition of suburban and urban receptors

3- Milestone for establishing PSLs at new dwellings: Motive Acoustics agrees with ATCO recommendation that "Subsection 2.5(2) be revised to apply to "approved facilities where the licensee has not substantially started construction". ATCO explained that for facilities where construction is underway and, at a minimum, foundation work has been completed, having to potentially amend the approved facility during construction would be an unreasonable burden on the licensee, and mitigation can be extremely expensive and could have significant impacts to the approved facilities design and operation." If there are changes to the project before construction is completed, or there are changes to the facility after start of operation, the PSL should be adjusted to the location of the new dwelling.

4- Tonality evaluation: dBC-dBA >20dBA indicates a potential low frequency issue that impacts people differently than tonal noise. We recommend that dBC-dBA and tonal noise should be kept in the regulation as independent criteria. We also recommend that the tonal noise analysis should be expanded to all audible frequencies.

- Tonal noise evaluation should be required in all comprehensive sound level surveys.

Ordered by the Commission and arising from complaints.

- dBC-dBA should not be eliminated from the regulation.

Thanks,

Michel

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---- On Tue, 25 Apr 2023 10:26:08 -0600 **Crystal Carstens**
<Crystal.Carstens@auc.ab.ca> wrote ---

Good morning,

The Alberta Utilities Commission has issued Bulletin 2023-01: *Stage 2 of round 2 consultation for potential changes to AUC Rule 012: Noise Control*. Please see the attached bulletin.

Any feedback should be sent to Joan Yu at joan.yu@auc.ab.ca by **May 15, 2023**.

Thank you,

Crystal Carstens

Administrative Assistant

www.auc.ab.ca



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