

**From:** [Jason Cao](#)  
**To:** [Joan Yu](#)  
**Subject:** RE: AUC Bulletin 2022-08 - Initiation of stakeholder consultation process for AUC Rule 012: Noise Control  
**Date:** Friday, July 8, 2022 4:00:45 PM  
**Attachments:** [image001.jpg](#)

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Hi Joan,

My comments and recommendations for the Rule 012 consultation are as below. If you need any clarifications, please feel free to contact me.

1. Section 1.2 (1)

**1.2 Rule application**

“(1) The purpose of this rule is to ensure that the noise from a facility, measured cumulatively with noise from other energy-related facilities, does not exceed the permissible sound level determined in accordance with this rule.”

Comments:

I think the purpose of this rule is broader than measured cumulative noise. My recommended wording is:

The purpose of this rule is to ensure that noise from a facility, cumulatively with noise from other energy-related facilities, complies with the requirements in this rule.

2. Section 1.5 Conditions for a time extension request

The current Section 1.5 of Rule 012 states that a new NIA is required if there are major amendments proposed to an approved facility. This requirement applies generally (i.e., any facility proposing major amendments will require a new NIA) and is not specific to time extension requests. The Commission proposes that Section 1.5 be streamlined to address exclusively time extensions and avoid discussion of major amendments.

Comments: Section 1.5 seems to need a bit of context. Maybe the Rule 012 can have a section or a paragraph to provide a general statement on all applicable conditions/situations of conducting and submitting NIA before this section specifically for a time extension request.

3. Noise Receptor Definition

“If there are no dwellings within 1.5 km of the facility property boundary, a noise receptor is any point at 1.5 km from the facility property boundary.

For wind power projects, a noise receptor is any dwelling located within 1.5 km of the centre point of the tower of a wind turbine or within 1.5 km of the substation boundary. If there are no dwellings within 1.5 km of the wind turbine or substation, a noise receptor is any point at 1.5 km from the wind turbine or substation boundary. ...”

Comments: "...a noise receptor is any point at 1.5 km from..." may be revised to "...a noise receptor is the most affected point at 1.5 km...". I think the rule's compliance requirement along the 1.5 km distance boundary is that all points along the 1.5 km boundary shall comply with the PSL. The wording "a noise receptor is any point at 1.5 km from..." may be a bit ambiguous; the risk is that it may be interpreted as randomly picking any one point along the 1.5 km boundary to show compliance is acceptable.

#### 4. CSL Survey Location

The Commission proposes to add a provision specifying the appropriate location(s) for a CSL survey for the purpose of determining compliance and/or addressing a noise complaint.

Comments: The rule may add a requirement that for a complainant residing outside the 1.5 km boundary (e.g., 1.7 km away from the facility boundary), the CSL survey shall be conducted at a representative location at a 1.5 km distance from the facility boundary.

#### 5. NIA

Comments: A bit more clarity may be needed in the rule regarding the term "NIA". At the beginning of Section 3, the Commission can add a description that there are three forms of NIA in this rule, as 1) NIA flowchart, 2) NIA summary form, and 3) detailed NIA. When the rule refers to a major application requiring NIA, maybe the term "detailed NIA" can be used throughout the rule, instead of only using the word "NIA".

#### 6. 4.6.1(1) Comprehensive sound level survey requirements

"(1) When ordered to do so by the Commission as a condition in the approval; or in response to a noise complaint and when directed by the Commission, a licensee must conduct a post-construction comprehensive sound level survey..."

Comments: It seems unnecessary to specify "post-construction", which can be removed.

Regards,

**Jason Cao, P.Eng.**

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**From:** Crystal Carstens <Crystal.Carstens@auc.ab.ca>

**Sent:** June 3, 2022 1:54 PM

**Subject:** AUC Bulletin 2022-08 - Initiation of stakeholder consultation process for AUC Rule 012: Noise Control

You don't often get email from [crystal.carstens@auc.ab.ca](mailto:crystal.carstens@auc.ab.ca). [Learn why this is important](#)

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Hello,

The AUC issued Bulletin 2022-08 "Initiation of stakeholder consultation process for AUC Rule 012: Noise Control" and associated documents (i.e., Overview of potential changes to Rule 012, Rule 012 revision matrix and Blackline Rule 012) on the AUC's Rule 012 consultation webpage.

The AUC values stakeholder input regarding the proposed changes and is seeking comments and feedback by July 8, 2022. The bulletin is attached to the email for your convenience.

Thank you.

**Crystal Carstens**

Administrative Assistant

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