

**From:** [Arthur \(Art\) Kupper](#)  
**To:** [Joan Yu](#)  
**Cc:** [Dan Clayton](#); [Curtis Makky](#)  
**Subject:** RE: Consultation specifically on ambient sound level and A2 adjustments (blackline Section 2.6)  
**Date:** Tuesday, October 3, 2023 3:59:36 PM  
**Attachments:** [image689665.png](#)  
[image646337.png](#)

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Hi Joan,

Apologies for the delayed response but SLR has the following comments regarding the proposed changes to ambient sound levels and the associated A2 adjustment:

- **3(b)** Limiting downward adjustments to Pristine Areas is too restrictive. A pristine area is defined as a “natural area that might have a dwelling but no industrial presence, including energy, agricultural, forestry, manufacturing, recreational or other industries that affect the noise environment.”
  - The inclusion of agricultural presence in the definition basically eliminates 99% of areas in Alberta where there are dwellings
  - SLR recommends deleting everything in paragraph 3 after the first sentence: [A Class A2 adjustment is applicable only when basic sound levels in Table 1 are determined not to be representative of the actual sound environment and when ambient sound levels have been measured.](#)
- **4** How will the AUC determine if a downward A2 adjustment is appropriate? What methodology or metrics will be used to determine this?
- **5(a)** What is the required duration of an ASL survey to determine the representative sound levels. 24 hours? 48? If the survey is conducted over several days how will the ambient be determined? Average Leq, log Average Leq, median day/night Leq, minimum Leq, etc.?
  - SLR recommends at least 2 complete nights, if the levels vary by more than 3 dBA than additional monitoring may be required.
  - SLR an arithmetic average of the various nighttime ambient levels as appropriate.

Thank you,  
Art

Visit the **Acoustics, Noise & Vibration** section of [SLR's website](#)

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**From:** Joan Yu <[Joan.Yu@auc.ab.ca](mailto:Joan.Yu@auc.ab.ca)>  
**Sent:** September 12, 2023 4:47 PM  
**To:** Joan Yu <[Joan.Yu@auc.ab.ca](mailto:Joan.Yu@auc.ab.ca)>  
**Subject:** Consultation specifically on ambient sound level and A2 adjustments (blackline Section 2.6)

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Some people who received this message don't often get email from [joan.yu@auc.ab.ca](mailto:joan.yu@auc.ab.ca). [Learn why this is important](#)

Hello,

The Commission has decided to conduct a consultation process specifically with stakeholders who commented on ambient sound level and A2 adjustments during the current Rule 012 revision project.

After considering comments you submitted on ambient sound level and A2 adjustments during the written consultation process and during the technical meeting, the Commission proposes to revise Section 2.6 of Rule 012. A blackline version of the revised Section 2.6 is attached in this email.

If you have comments on the proposed changes to Section 2.6, please email them to Joan Yu at [joan.yu@auc.ab.ca](mailto:joan.yu@auc.ab.ca) **by September 26, 2023**. The Commission requests your comments/edits be focused exclusively on the proposed changes to Section 2.6.

Thank you and best regards.

Joan

**Joan Yu, P.Eng.**

Science Analyst - Specialist

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