

**Appendix 3 – Noise impact assessment summary form**  
**(Please retain detailed records for compliance purposes)**



Licensee: \_\_\_\_\_

Facility name: \_\_\_\_\_ Type: \_\_\_\_\_

Legal location: \_\_\_\_\_

Contact: \_\_\_\_\_ Telephone: \_\_\_\_\_

**1. Permissible Sound Level (PSL) determination (Rule 012, Section 2)**

Complete the following for the most affected dwelling(s) or at a distance of 1.5 km where there are no dwellings:

Dwelling Distance from facility (m)	Dwelling Direction from facility	BSL (dBA)	Daytime adjustment (dBA)	Nighttime PSL (dBA)	Daytime PSL (dBA)

**2. Sound source identification**

For the new and existing equipment, identify the model major sources of noise from the facility, their associated sound power level (PWL) or sound pressure level (SPL).

New and/or Existing Equipment Noise Sources (include make and model, power rating)	Predicted or Measured		Data source (Vendor Measurement theoretical, etc.)	Distance SPL measured from the noise source (m)
	<input type="checkbox"/> PWL (dBA) or <input type="checkbox"/> SPL (dBA)	<input type="checkbox"/> PWL (dBA) or <input type="checkbox"/> SPL (dBA)		

Provide a tentative schedule and timing for the operation, maintenance and testing of the equipment

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\_\_\_\_\_

\_\_\_\_\_

**3. Normal operating conditions**

When using manufacturer's data for expected performance, it may be necessary to modify the data to account for actual operating conditions (for example, indicate conditions such as operating with window/doors open or closed, load, RPM). Describe any considerations and assumptions used in preparing estimates:

\_\_\_\_\_

\_\_\_\_\_

**4. Noise modelling parameters**

If modelling was conducted, identify the model input parameters used (see Section 3.2):

\_\_\_\_\_

(continued)

**5. Predicted sound level/compliance determination**

Predict the cumulative sound level at the most affected dwelling(s) or at a distance of 1.5 km where there are no dwellings. Typically, only the nighttime sound level is necessary, as levels do not often change from daytime to nighttime. However, if there are differences between day and night operations, both levels must be calculated.

Predicted Nighttime Cumulative Sound Level Including the New or Modified Facility (dBA)						
Receptor	Ambient Sound Level	Sound Level from Existing, Approved, and Proposed (Deemed Complete) Facilities	Baseline Sound Level	Predicted Sound Level from new or modified facility alone	Cumulative Sound Level	Permissible Sound Level

Predicted Daytime Cumulative Sound Level Including the New or Modified Facility (dBA)						
Receptor	Ambient Sound Level	Sound Level from Existing, Approved, and Proposed (Deemed Complete) Facilities	Baseline Sound Level	Predicted Sound Level from new or modified facility alone	Cumulative Sound Level	Permissible Sound Level

Is the predicted cumulative sound level less than the permissible sound level by a margin of three dBA?

Yes \_\_\_\_\_ No \_\_\_\_\_

If **No**, conduct a detailed NIA as per Section 3 of AUC Rule 012.

**6. Supply any other relevant information you want to provide to the AUC. Submit additional pages if required.**

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**7. If the nighttime permissible sound level is higher than 40 dBA  $L_{eq}$ , provide supplementary information to support the use of such permissible sound level.**

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**8. Explain what measures have been taken to address construction noise.**

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**9. Acoustical practitioner's information (See Section 3.2 (15)):**

Company: \_\_\_\_\_

Name: \_\_\_\_\_

Experience: \_\_\_\_\_

Title: \_\_\_\_\_ Telephone: \_\_\_\_\_ Date: \_\_\_\_\_