

	<ul style="list-style-type: none"> <li>Environment Canada can provide information regarding reporting</li> </ul>
<b>Acoustic Environment</b>	
<b>Filing Requirements</b>	<b>Guidance</b>
<p>1. Where there is a public concern associated with an increase in noise levels during construction, provide a noise impact assessment, including an overview of the concerns.</p> <p>2. For projects that result or may result in an increase in noise emissions during operations or maintenance (e.g. pump stations, compressor stations, gas plants):</p> <ul style="list-style-type: none"> <li>describe existing ambient noise levels in the area, including the methods and data sources used to determine the ambient levels;</li> <li>identify the potentially affected receptors and permissible sound levels for each receptor;</li> <li>quantify noise levels at appropriate distances from the facility (e.g., at edges of the RoW/facility and at the affected receptor) and describe the frequency, duration and character of noise;</li> <li>provide the predicted sound levels from the project alone and predicted cumulative sound levels in combination with other existing and future physical facilities and activities in the area, including an assessment of low frequency noise;</li> <li>describe consultation with regulators, stakeholders, community groups, landowners and Aboriginal communities about potential effects of the project on the acoustic environment;</li> <li>identify and justify the applicable guidelines used to determine the significance of the effects of the predicted emissions associated with the project;</li> <li>provide a noise management plan, including identification of noise sources, an assessment of current noise mitigation measures, performance effectiveness of noise control devices, best practices programs and continuous improvement programs; and</li> <li>identify the need for a follow-up monitoring for the purposes of validation of the model or as a result of any concerns raised by the public.</li> </ul> <p>Where residual effects have been predicted, identify whether those residual effects would be likely to act in combination with the effects of other physical facilities or activities and expand on the matters described above as appropriate.</p>	<p>The effects assessment must consider:</p> <ul style="list-style-type: none"> <li>any effects from inaudible noise (e.g., low frequency noise); and</li> <li>the effects of noise on wildlife.</li> </ul> <p>Noise management plans must consider:</p> <ul style="list-style-type: none"> <li>notification and scheduling of maintenance activities, such as blowdowns and equipment venting during daylight hours; and</li> <li>notification of nearby residences and local authorities of plans and procedures for preventing and managing noise.</li> </ul> <p>Where there is a potential for human health effects see, Table A-3.</p> <p>Additional guidance:</p> <ul style="list-style-type: none"> <li>Energy Resources Conservation Board's <i>Directive 038: Noise Control</i> (ERCB Directive 038)</li> <li>Alberta Utilities Commission's <i>Rule 012 – Noise Control</i> (AUC Rule 012)</li> <li>British Columbia Oil and Gas Commission's <i>British Columbia Noise Control Best Practices Guideline</i></li> </ul> <p>For projects in provinces with no guidelines, please refer to ERCB Directive 038 or AUC Rule 012, whichever is the most appropriate.</p>