

Noise and/or Vibration Study

Purpose:

The purpose of a Noise and/or Vibration Study is to demonstrate that a proposed development may proceed in such a manner that sensitive land uses are protected from unacceptable levels of noise and/or vibration associated with uses such as industrial operations, public highways, rail corridors and yards, and airports;

The following policies should be read in conjunction with subsection 5.4.5 of this Plan. Whereas Noise and/or Vibration Study is required, such a study should:

1. Identify sources of noise and/or vibration that may impact identified sensitive land uses and assess the existing and projected noise and/or vibration levels on the identified sensitive land uses based on existing and approved future conditions and relevant standards and criteria;
2. Identify and recommend various mitigation measures, warning clauses, and/or other appropriate measures, which can be implemented and secured by way of zoning (including 'H' Holding Symbol), site plan approval and/or development agreement that can mitigate the impact of noise and/or vibration on the identified sensitive land uses;
3. Identify how any lawfully existing stationary noise sources and/or existing transportation corridors may benefit from a Class 4 Area designation as it relates to any proposed sensitive land uses as referenced in Provincial guidelines (including NPC-300);
4. Have regard to relevant Federal and Provincial legislation, policies and appropriate guidelines and conduct the Noise and/or Vibration Studies in a manner that will satisfy all levels of authority; and
5. In circumstances where statutory Provincial approvals for noise and/or vibration are required, the City will require that a Certificate of Approval is sought and obtained from the relevant authorities before development proceeds.

Qualifications:

A Noise and/or Vibration Study must be completed by a registered professional engineer or registered professional planner with appropriate acoustic/vibration expertise in the Province of Ontario, to the satisfaction of the City.
