
What is it?

A noise study is a technical assessment that evaluates:

- The impact of noise from the surrounding environment on the proposed development;
- The impact of noise generated by a proposed development on the surrounding environment; and,
- The impact of noise from the proposed development on itself.

The study is intended to recommend mitigation measures to reduce any negative impacts caused by stationary and/or transportation noise sources.

Who prepares it?

A noise study should be prepared by a qualified acoustical consultant. The report must be stamped, dated and signed by a Professional Engineer (P.Eng.).

Why is it required?

A noise study is required to assess the compatibility of the proposed development and determine whether the acoustical limits are suitable for the intended land use. The proposed development must conform to the MECP NPC-300 guidelines, Mississauga's Official Plan and City Policies.

When is it required?

A noise study may be required in support of the following development application types:

- Official Plan Amendment
- Zoning By-law Amendment
- Draft Plan of Subdivision / Condominium
- Site Plan Control
- Consent to Sever
- Minor Variance

A noise study is required for all proposed developments with, or near a noise sensitive land use as defined by the Ministry of the Environment, Conservation and Parks, NPC-300 Environmental Noise Guideline.

How to prepare it

A noise study should include the following:

- Description of the subject site and the proposed development including a context map;
- Description of noise guidelines/standards applied;
- Identify all stationary and transportation (road, rail, air) noise sources, including data collection and methods;
- Provide predicted noise level forecasts without mitigation;
- Provide vibration assessment, if applicable (*see additional information below*);

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- Provide mitigation requirements (architectural, ventilation, acoustical barriers, at source and/or warning clauses);
 - Provide tables and figures to support the recommendations of the report; and,
 - Provide noise modelling calculations

Additional Information

- The report may be combined with a Vibration Study.
- A vibration study is required for all proposed developments within 75 metres of a rail corridor.
- Developments adjacent a rail corridor shall also conform to the Federation of Canadian Municipalities and the Railway Association of Canada guidelines.
- Additional agencies may have jurisdiction and their approvals or permits may also be required (e.g. CNR, CPR, GO Transit/Metrolinx, MTO, GTAA, Region of Peel, etc.) in addition to the City's.
- Ultimate traffic data must be obtained from the City when analyzing transportation noise from City roads.
- Additional information can be found in the City of Mississauga's Official Plan and City Policies.