

Terms of Reference for Noise Study

- Description:** A Noise Study is an analysis that determines the impacts of noise from transportation sources and/or stationary sources from properties in the vicinity of the proposed development, and also determines the projection of sound resulting from a proposed development onto surrounding land uses. Mitigation measures are recommended from this analysis.
- Who should prepare it:** A Noise Report shall be written and sealed by a qualified professional engineer. Noise reports shall follow the latest Ontario “NPC-300 Environmental Noise Guideline – Stationary and Transportation Sources – Approval and Planning”
- When is it required:** A Noise Report is required for the following development applications:
- Official Plan Amendment
 - Zoning By-law Amendment
 - Draft Plan of Subdivision (Residential & Industrial)
 - Site Plans
 - Committee of Adjustment Applications (as req'd)
- Required Contents:** A Noise Report shall contain:
- **Title** – shall include Development Name and City file number
 - **Introduction**
 - **Applicable Limits** (including and excluding penalties)
 - **Noise Sources** - Identify all noise sources
 - **Transportation Noise**
 - Road Traffic Noise
 - Rail Traffic Noise
 - Vibration
 - Air Traffic Noise

**Required Contents
(cont.):**
Updated

- **Stationary Noise**
 - Impact associated with the proposed development on adjacent noise sensitive land
 - Impact associated with the proposed development on its own noise sensitive receptor
 - Impact associated with Impulsive Noise on sensitive land use
 - Impact associated with external stationary noise on proposed residential development

- **Figures**
 - Key Plan
 - Proposed mitigation plan
 - NEF/NEP map
 - CadnaA contour map or equivalent

- **Appendix**
 - STAMSON calculations
 - Manufacturer brochures for High STC windows, mechanical units, and mitigation products
 - Traffic data from City of Brampton and Region of Peel (if applicable) within one year
 - Sound levels on each stationary noise source

Updated: Aug. 11, 2021