



FIELD MEASUREMENTS

- Document existing noise levels at representative sites
- Validate noise models (measured levels +/- 3 dBA of model levels)



Decibel levels of common noise sources

Sound pressure levels (dBA)	Common indoor and outdoor noises
110	Rock band at 5m
100	Jet flyover at 300m
90	Food blender at 1m
80	Shouting at 1m
70	Vacuum cleaner at 3m
60	Normal speech at 1m
50	Large business office
40	Quiet urban daytime
30	Quiet urban nighttime
20	Bedroom at night, quiet rural nighttime
10	Broadcast recording studio
0	Threshold of hearing

Source: Minnesota Pollution Control Agency