

LU-07 Noise Level Exposure and Land Use Compatibility Guidelines

Land Use Categories		Community Noise Equivalent Level (CNEL)						
Category	Land Use	55	60	65	70	75	80	
Residential / Lodging	Single Family / Duplex	Green	Green	Yellow	Orange	Red	Red	
	Multi-Family	Green	Green	Yellow	Orange	Orange	Red	
	Mobile Homes	Green	Green	Yellow	Red	Red	Red	
	Hotel/Motels	Green	Green	Green	Yellow	Orange	Orange	
Public / Institutional	Schools/Hospitals	Green	Green	Yellow	Orange	Red	Red	
	Churches/ Libraries	Green	Green	Yellow	Orange	Red	Red	
	Auditoriums/Concert Halls	Green	Yellow	Orange	Orange	Red	Red	
Commercial	Offices	Green	Green	Green	Yellow	Yellow	Orange	
	Retail	Green	Green	Green	Green	Yellow	Orange	
Industrial	Manufacturing	Green	Green	Green	Green	Yellow	Orange	
	Warehousing	Green	Green	Green	Green	Yellow	Yellow	
Recreational/ Open Space	Parks/Playgrounds	Green	Green	Green	Yellow	Orange	Red	
	Golf Courses/ Riding Stables	Green	Green	Green	Yellow	Orange	Red	
	Outdoor Spectator Sports	Green	Green	Yellow	Orange	Orange	Red	
	Outdoor Music Shells/ Amphitheaters	Yellow	Yellow	Orange	Red	Red	Red	
	Livestock/Wildlife Preserves	Green	Green	Green	Green	Orange	Red	
	Crop Agriculture	Green	Green	Green	Green	Green	Green	

Legend

	Clearly Acceptable:	No special noise insulation is required, assuming buildings of normal conventional construction.
	Normally Acceptable:	Acoustical reports will be required for major new residential construction. Conventional construction with closed windows and fresh air supply systems of air conditioning will normally suffice.
	Normally Unacceptable:	New construction should be discouraged. Noise/aviation easements are required for all new construction. If new construction does proceed, a detailed analysis of noise reduction requirements must be made, and necessary noise insulation features included.
	Clearly Unacceptable:	No new construction should be permitted.

Note: For noise compatibility criteria and contours for Ontario International Airport refer to the adopted ALUCP for ONT.