

APPENDIX TO RESPONSE TO COMMENTS DOCUMENT

TABLE 1

MAXIMUM ACCEPTABLE INTERIOR AND EXTERIOR NOISE LEVELS FOR NEW DEVELOPMENT WITHOUT MITIGATION

Noise Source	Land Use	Applicable Area		State Requirements	Albany Noise Element Requirements	
		Interior	Exterior			
Surface traffic or fixed (industrial, plants, etc.)	Single-family	X		None	$L_{dn} < 45$ dB and maximum instantaneous levels of < 50 dBA in bedrooms and < 55 dBA in other habitable rooms ²	
	Single-family		X	None	$L_{dn} < 60$ dB in backyards	
	Multi-family ¹	X		$L_{dn} < 45$ dB	$L_{dn} < 45$ dB and maximum instantaneous levels of < 50 dB in bedrooms and < 55 dBA in other habitable rooms	
	Multi-family		X	None	$L_{dn} < 60$ dB in common outdoor use area	
	Schools	X		None	Noisiest hour L_{eq} 40 dB during school day	
	Schools			None	$L_{dn} < 60$ db	
	Libraries	X		None	Noisiest hour $L_{eq} < 45$ dB	
	Libraries		X	None	None	
	Rail	Single-family	X		None	$L_{dn} < 45$ dB and maximum instantaneous levels of < 50 dBA in bedrooms < 55 dBA in other habitable rooms
		Single-family	X		None	$L_{dn} < 65$ dB
Multi-family ¹		X		$L_{dn} < 45$ dB	$L_{dn} < 45$ dB and maximum instantaneous levels of < 45 dBA in bedrooms and < 55 dBA in other habitable rooms ²	
Multi-family			X	None	$L_{dn} < 65$ dB	
Schools		X		None	Noisiest hour $L_{eq} < 35$ dB during school day and maximum instantaneous level of < 55 dBA	
Schools			X	CNEL < 65 dB (State Aeronautics Noise Standards)	$L_{dn} < 65$ dB	
Libraries		X		None	Noisiest hour $L_{eq} < 45$ dB	
Libraries			X	None	None	

¹ Multi-family includes hotels, motels, apartment houses, and dwellings other than detached single-family dwellings as defined by Title 24, Part 2, California Administrative Code.

² The requirement for interior noise exposure is triggered when the exterior L_{dn} exceeds 60 dB.