
Metrolink/Railroad Estimated Noise

Vista Canyon Ranch Development Project - Railroad Noise Estimates

Metrolink/Railroad Estimated Noise

Baseline		Adjusted for Distance		
Distance	Noise (dB(A))	New Distance	Drop in dB(A)	New dB(A)
60	69	300	13.98	55.02
60	69	120	6.02	62.98
60	69.87	300	13.98	55.89
60	69.87	120	6.02	63.85

Acoustic Energy per Train

Existing Trains	Future Trains	New dB(A)*
36	44	69.87

* Based on the formula: $10 \times \text{LOG}_{10} (\text{Future Trains}/\text{Existing Trains}) + \text{Baseline Noise}$,
 Where: Baseline Noise = 69 db(A)