

Scenario 2 Model Projections

Receptor	Noise Level after Distance Atten. (dBA)	Barrier Number	Topographic barrier atten. (dBA)	Noise Level after Barrier Atten. (dBA)	Thickness of vegetation (ft)	Foliage Attenuation (dBA)*	Noise Level after Foliage Atten. (dBA)	Noise Level after all atten. (dBA)	Ambient Level (dBA)	Resultant Noise Level (dBA) C (A + B)	Regulatory Noise Level (dBA)
A	60.6	-	0	60.6	1,100	15	45.6	45.6	51	52.0	57.0
B	58.7	-	0	58.7	2,000	15	43.7	43.7	51	52.0	57.0
C'	64.7	B1	20.9	43.8	1,200	15	28.8	28.8	51	51.0	57.0
D'	62.5	B2	12	50.5	800	15	35.5	35.5	51	51.0	57.0
E'	68	B4	1.7	66.3	500	15	51.3	51.3	51	54.3	57.0

* As stated in the New York State Department of Environmental Conservation Noise Policy, "Dense vegetation that is at least 100 feet in depth will reduce the sound levels by 3-7 db(A)."
Receptors C', D' and E' were all modeled at the property line.