Table 3-2
Seneca Meadows, Inc.
Landfill Expansion DSEIS
Modeled Increases in Sound Levels (L_{eq}, dBA)
From Stage 3 Construction and Stage 4 Landfill Operations With Mitigations
At Nearest Residential Receptors Compared to Background Noise Levels

Location	Activity	Noise Level Increase (dBA) Day[1]	Night[1]
West Residence			
	Construction at grade, w/o perimeter berm	0	NA
	Construction at grade, with perimeter berm	0	NA
	Operation at 500 ft elevation, w/op. berm or temporary barrier	0	NA
	Operation at 500 ft, with oper. berm., 1 crew (at shelf midpoint)	0	0
	Rock blasting, with perimeter berm	9.5[2]	NA
Southwest Residence			
	Construction at grade, w/o perimeter berm	0	NA
	Construction at grade, with perimeter berm	0	NA
	Operation at 500 ft elevation, w/op. berm or temporary barrier	0	NA
	Operation at 500 ft, with oper. berm., 1 crew (at shelf midpoint)	0	0
	Rock blasting, with perimeter berm	4.5[2]	NA
South Residence			
	Construction at grade, w/o perimeter berm	0	NA
	Construction at grade, with perimeter berm	0	NA
	Operation at 500 ft elevation, w/op. berm or temporary barrier	0	NA
	Operation at 500 ft, with oper. berm., 1 crew (at shelf midpoint)	0	0
	Rock blasting, with perimeter berm	0	NA

[1] Note: daytime = 7:00 a.m. to 10:00 p.m., nighttime = 10:00 p.m. to 7:00 a.m.
[2] Note: additional noise mitigation is to include resident notification and pre-blast planning.

SEQR noise level increase thresholds (dBA):

0-3	No appreciable effect on receptors
3-6	May have potential for adverse noise impact only in cases where the most-sensitive of receptors are present
6-10	May require closer analysis depending on existing background levels and character of surrounding land use and receptors
> 10	Deserves consideration of mitigation and avoidance