



MARC Northeast Maintenance Facility: Noise Decibel Level

Common Outdoor and Indoor Noise Levels ¹		
Common Outdoor Noise Levels	Noise Level Decibels	Common Indoor Noise Levels
	110	Rock Band at 16 feet
Jet Fly Over at 1,000 feet	100	Inside Subway Train (NY)
Gas Lawn Mower at 3 feet	95	
	90	Food Blender at 3 feet
Diesel Truck at 50 feet	85	
Noisy Urban Daytime	80	Garbage Disposal at 3 feet
	75	Shouting at 3 feet
Gas Lawn Mower at 100 feet	70	Vacuum Cleaner at 10 feet
Commercial Area	65	Normal Speech at 3 feet
*Average expected noise level at MD 7 during facility operation	58.6	
*Average existing noise level at MD 7	58	
Quiet Urban Daytime	55	Quiet Conversation at 3 feet
	50	Dishwasher Next Room
Quiet Urban Nighttime	40	Small Theater, Large Conference Room (Background)
<i>Adapted from <u>Guide on Evaluation and Attenuation of Traffic Noise</u>, AASHTO-1974.</i>		

* Average calculated using three (3) noise monitoring and assessment locations along MD 7.

Table continued on the next page.



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Common Outdoor Noise Levels	Noise Level Decibels	Common Indoor Noise Levels
Quiet Suburban Nighttime	35	Library
	30	Bedroom at Night
Quiet Rural Nighttime	25	Concert Hall (Empty)
Rustling Leaves	20	
	15	Broadcast & Recording Studio
	0	Threshold of Hearing
<i>1. Adapted from <u>Guide on Evaluation and Attenuation of Traffic Noise</u>, AASHTO-1974.</i>		