

Appendix NOI

Federal Highway Administration Roadway Construction Noise Model Outputs

Roadway Construction Noise Model (RCNM),Version 1.1

Report date 1/4/2022

Case Description 1919 Williams Street Warehouse Project

---- Receptor #1 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	65	60	55

		Equipment					
Description	Impact	Device	Usage(%)	Spec	Actual	Receptor	Estimated
				Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Dozer	No		40		81.7	1465	0
Front End Loader	No		40		79.1	1465	0

		Results						
		Calculated (dBA)			Noise Limits (dBA)			
Equipment		*Lmax	Leq	Day	Leq	Evening	Leq	Night
				Lmax		Lmax		Lmax
Dozer		52.3	48.4	N/A	N/A	N/A	N/A	N/A
Front End Loader		49.8	45.8	N/A	N/A	N/A	N/A	N/A
Total		52.3	50.3	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Noise Limit Exceedance (dBA)

	Day		Evening		Night	
Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A