

# APPENDIX H

## Noise Modeling Outputs





Report date: 11/6/2019  
 Case Description: Midway Village - Demolition Stage

----- Receptor #1 -----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Closest Residential Receptor Across Martin Street	Residential	60	60	60

Description	Impact Device	Usage(%)	Equipment Actual		Receptor Estimated	
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Concrete Saw	No	20	89.6	64	0	0
Excavator	No	40	80.7	64	0	0
Dozer	No	40	81.7	64	0	0
Tractor	No	40	84	64	0	0
Front End Loader	No	40	79.1	64	0	0
Backhoe	No	40	77.6	64	0	0

Results

Equipment	Calculated (dBA)			Noise Limits (dBA)			Noise Limit Exceedance (dBA)		
	Lmax	Leq	Lmax	Day	Evening	Night	Day	Evening	Night
Concrete Saw	87.4	80.4	N/A	Leq	Lmax	Lmax	Leq	Lmax	Leq
Excavator	78.6	74.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	79.5	75.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	81.9	77.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	77	73	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	75.4	71.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total</b>	<b>89.8</b>	<b>84.3</b>	<b>N/A</b>	N/A	N/A	N/A	N/A	N/A	N/A









Report date: 11/6/2019

Case Description: Midway Village - Architectural Coating Stage

----- Receptor #1 -----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Closest Residential Receptor Across Martin Street	Residential	60	60	60

Description	Compressor (air)	Impact Device	Usage(%)	No	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)	Equipment	
								Spec Lmax	No
			40		77.7	64	0		

Results

Equipment	Compressor (air)	Calculated (dBA)		Noise Limits (dBA)			Noise Limit Exceedance (dBA)		
		Lmax	Leq	Day Lmax	Evening Lmax	Night Lmax	Day Leq	Evening Leq	Night Leq
		75.5	71.5	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total</b>		<b>75.5</b>	<b>71.5</b>	N/A	N/A	N/A	N/A	N/A	N/A