

APPENDIX E: NOISE

Onsite Noise Output.txt
Roadway Construction Noise Model (RCNM),Version

1.1

Report date: 03/27/2014
Case Description: 4447.0002

**** Receptor #1 ****

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
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Mastercraft	Industrial	61.2	45.0	45.0

Equipment						

		Spec	Actual	Receptor	Estimated	
Impact	Usage	Lmax	Lmax	Distance	Shielding	
Description	Device	(%)	(dBA)	(dBA)	(feet)	(dBA)
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Tractor	No	40	84.0	290.0	0.0	

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

				Noise Limits (dBA)			

		Calculated (dBA)		Day	Evening	Night	
Day		Evening	Night				
-----	-----	-----	-----	-----	-----	-----	-----
Equipment		Lmax	L10	Lmax	L10	Lmax	L10
Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10
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Onsite Noise Output.txt

Tractor			68.7	67.8	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	Total		68.7	67.8	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A			

**** Receptor #2 ****

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
cemetery	Industrial	61.2	45.0	45.0

Equipment

		Spec	Actual	Receptor	Estimated	
	Impact	Usage	Lmax	Lmax	Distance	Shielding
Description	Device	(%)	(dBA)	(dBA)	(feet)	(dBA)
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Tractor	No	40	84.0		350.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

		Calculated (dBA)		Day	Evening	Night	
Day		Evening	Night				
Equipment		Lmax	L10	Lmax	L10	Lmax	L10
Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10

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Tractor			67.1	66.1	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	Total		67.1	66.1	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A			

Roadway	Existing		Project		Ambient Growth + Cumulative		Existing + Ambient Growth + Cumulative + Project		
	ADT	Noise Level (dBA CNEL)	ADT	Noise Level (dBA CNEL)	ADT	Noise Level (dBA CNEL)	ADT	Noise Level (dBA CNEL)	Project-Specific increase (dBA CNEL)
Collier Avenue	2,259	61.2	24	41.5	21	40.9	2304	61.3	0.1
Enterprise Drive	11	38.1	25	41.7	36	43.3	36	43.3	5.2