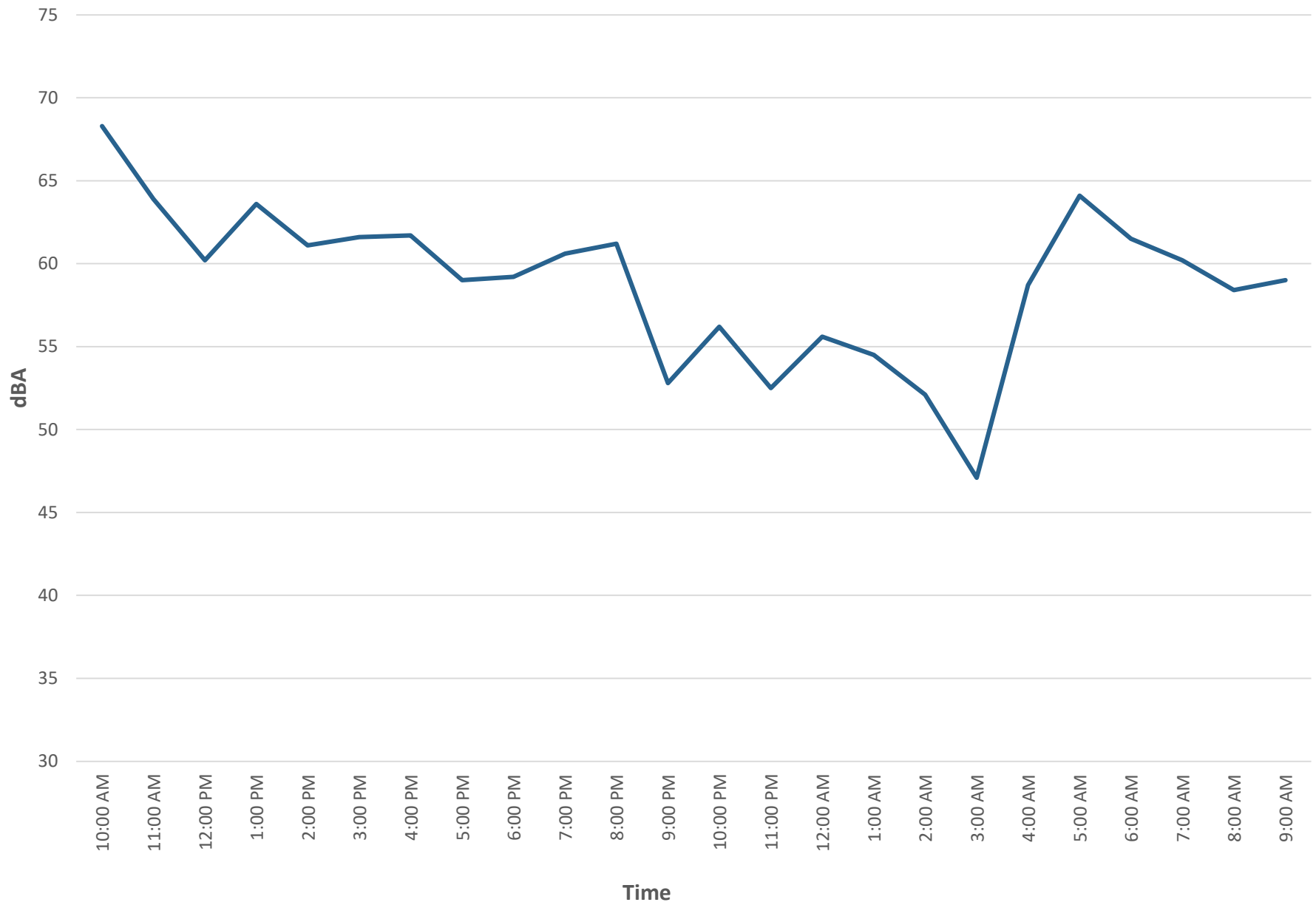


Appendix I

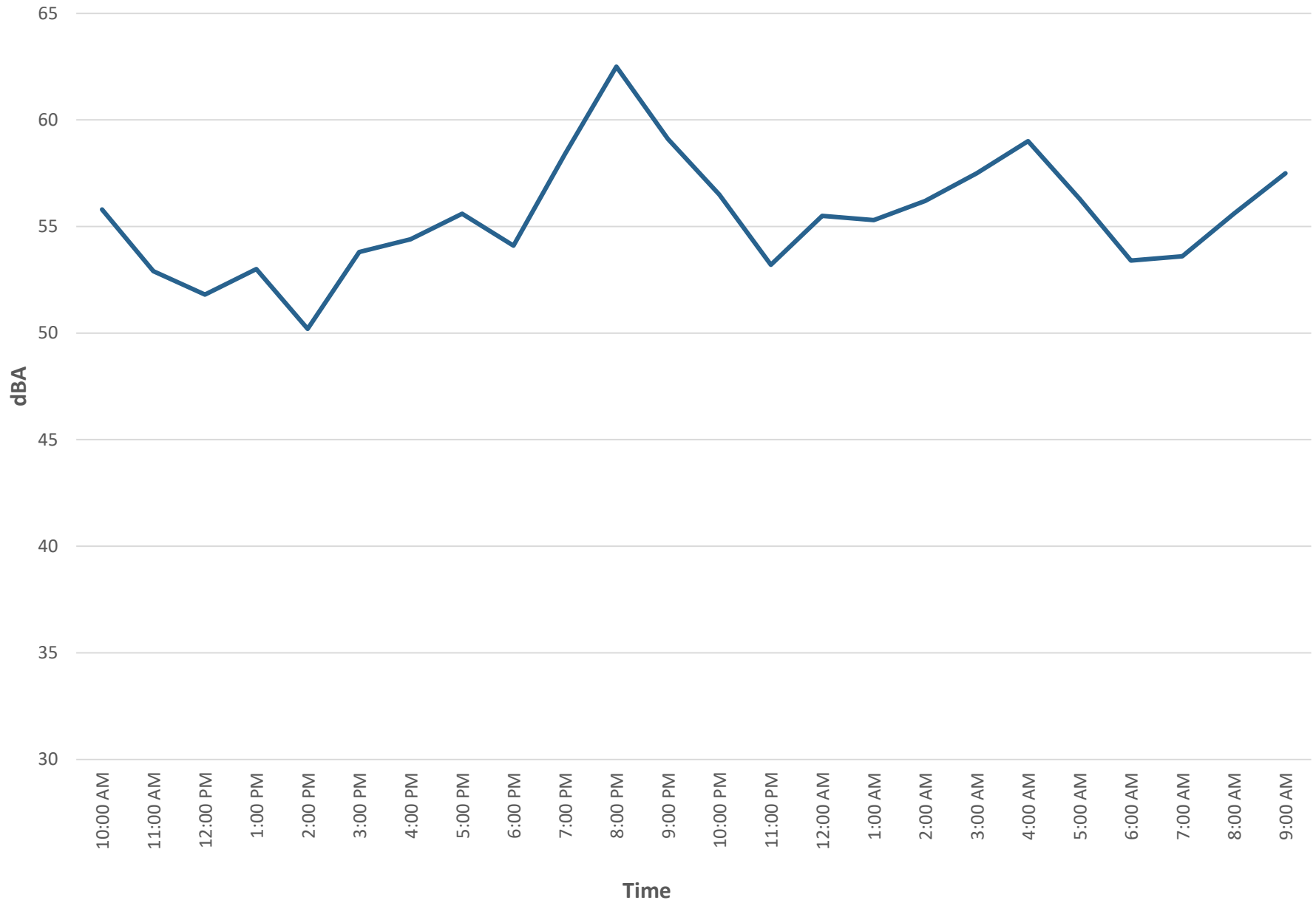
Supporting Noise Information

Measurement Location	Start Date	Start Time	End Time	Duration	LAeq	LASmax	LASmin	LAE	LApk	LAS1%	LAS2%	LAS5%	LAS8%	LAS10%	LAS25%	LAS50%	LAS90%	LAS95%	LAS99%
ST-1	5/14/2025	10:41:54 AM	10:56:54 AM	0:15:00	59.1	80.8	33	88.6	97.2	73.6	70.1	58.8	55.7	54.6	49.5	42.6	37.4	34.7	33.5
ST-2	5/14/2025	11:44:49 AM	11:59:49 AM	0:15:00	55.1	73.6	35.8	84.6	87.5	65.1	63.7	60.8	59.6	58.9	54.5	45.9	38.1	37.5	36.2
ST-3	5/14/2025	12:35:52 PM	12:50:52 PM	0:15:00	45.2	61.4	38.4	74.7	83.8	55	53.2	50.3	48.5	47.8	43.9	42.2	40.2	39.8	39
ST-4	5/14/2025	1:10:27 PM	1:25:27 PM	0:15:00	56.8	76	41	86.3	91	67.4	64.2	61.4	60.1	59.3	55.6	51.6	44.5	43.3	41.7
ST-5	5/14/2025	1:48:31 PM	2:03:31 PM	0:15:00	58.5	78.6	34.8	88	91.2	72.2	69.8	62.9	56	53.1	46.6	43	39.4	38.2	36.6

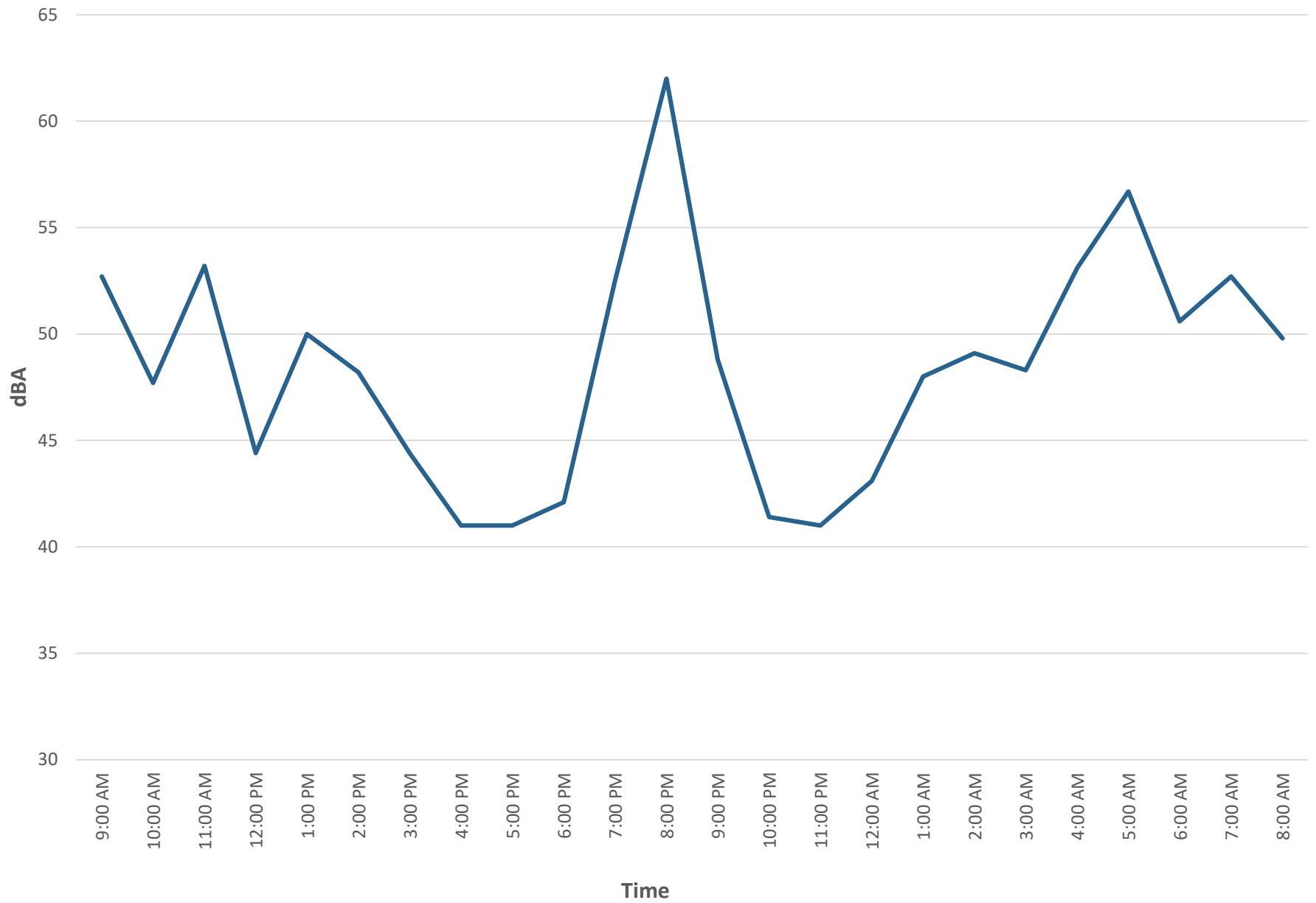
LT-1 -- May 14 - 15, 2025



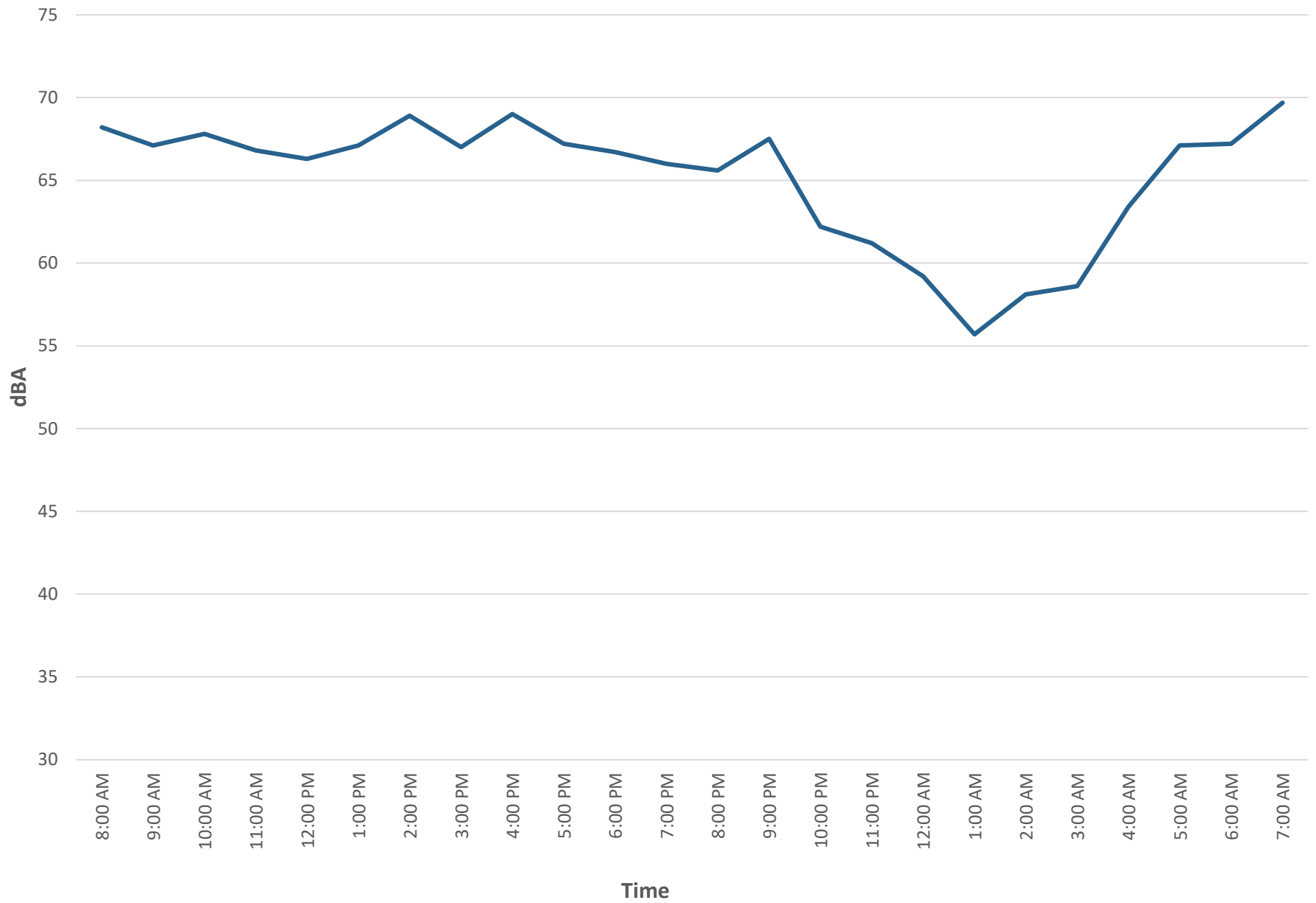
LT-2 -- May 14 - 15, 2025



LT-3 -- May 14 - 15, 2025



LT-4 -- May 14 - 15, 2025



Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 9/8/2025

Case Description: Ironwood Transmission Line Project

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Staging Areas	Industrial	60	55	50

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Front End Loader	No	40	80		50	0
Front End Loader	No	40	80		50	0
Front End Loader	No	40	80		50	0
Front End Loader	No	40	80		50	0
Generator	No	50	82		50	0
Pickup Truck	No	40	55		50	0

Results

[illegible]

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date:

9/8/2025

Case Description:

Ironwood Transmission Line Project

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Civil Crew (Road Work, Foundations, Ducts)_Flat Land Crew	Industrial	60	55	50

Equipment

			Spec	Actual	Receptor	Estimated
Description	Impact		Lmax	Lmax	Distance	Shielding
	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Grader	No	40	85		50	10
Dozer	No	40	85		50	10
Roller	No	20	85		50	10
Pickup Truck	No	40	55		50	10

Results

[illegible]

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date:

9/8/2025

Case Description:

Ironwood Transmission Line Project

[illegible]

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date:

Case Description:

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)				
		Daytime	Evening	Night		
Civil Crew (Road Work, Foundations, Ducts)-Foundation Crew	Industrial	60	55	50		
Description	Impact	Device	Usage(%)	Equipment		
				Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)
Auger Drill Rig	No	20	85		50	10
Drill Rig Truck	No	20	84		50	10
Backhoe	No	40	80		50	10
Backhoe	No	40	80		50	10
Crane	No	16	85		50	10
Crane	No	16	85		50	10
Man Lift	No	20	85		50	10
Front End Loader	No	40	80		50	10

Results

[illegible]

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date:

9/8/2025

Case Description:

Ironwood Transmission Line Project

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Civil Crew (Road Maintenance, BMPs, Gates)	Industrial	60	55	50

Equipment

Description	Impact		Spec	Actual	Receptor	Estimated
	Device	Usage(%)	Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Grader	No	40	85		50	10
Front End Loader	No	40	80		50	10
Pickup Truck	No	40	55		50	10
Pickup Truck	No	40	55		50	10
Pickup Truck	No	40	55		50	10
Pickup Truck	No	40	55		50	10

Results

[illegible]

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date:

9/8/2025

Case Description:

Ironwood Transmission Line Project

---- Receptor #1 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Structure Installation_Guyed V Framing (Lattice)	Industrial	60	55	50

Equipment

Description	Impact	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax	Lmax	Distance	Shielding
			(dBA)	(dBA)	(feet)	(dBA)
Man Lift	No	20	85		50	0
Heavy-Duty Helicopter	No	1	97.5		50	0

Results

		Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
				Day		Evening		Night		Day		Evening		Night	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Man Lift		85	78	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Heavy-Duty Helicopter		97.5	77.5	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	97.5	80.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
*Calculated Lmax is the Loudest value.															

Roadway Construction Noise Model (RCNM), Version 1.1

9/8/2025

Ironwood Transmission Line Project

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Structure Installation, Guyed V Setting (Lattice)	Industrial	60	55	50

Equipment

Description			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Excavator	No	40	85		50	10
Crane	No	16	85		50	10
Man Lift	No	20	85		50	10
Heavy-Duty Helicopter	No	1	97.5		50	0

Results

[illegible]

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 9/8/2025
Case Description: Ironwood Transmission Line Project

---- Receptor #1 ----				
Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Structure Installation_4-Legged (Lattice)	Industrial	60	55	50

Description	Equipment		Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
	Impact Device	Usage(%) (dBA)			
Man Lift	No	20	85	50	10
Crane	No	16	85	50	10
Pickup Truck	No	40	55	50	10
Pickup Truck	No	40	55	50	10
Pickup Truck	No	40	55	50	10
Pickup Truck	No	40	55	50	10
Heavy-Duty Helicopter	No	1	97.5	50	0

Equipment	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	*Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Man Lift	75	68	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	75	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pickup Truck	45	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pickup Truck	45	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pickup Truck	45	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pickup Truck	45	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Heavy-Duty Helicopter	97.5	77.5	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	97.5	78.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 9/8/2025

Case Description: Ironwood Transmission Line Project

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Spotting	Industrial	60	55	50

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax	Lmax	Distance	Shielding
			(dBA)	(dBA)	(feet)	(dBA)
Man Lift	No	20	85		50	0
Crane	No	16	85		50	0

Results

[illegible]

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date:

9/8/2025

Case Description:

Ironwood Transmission Line Project

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Conductor and Wires Installation	Industrial	60	55	50

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec Lmax (dBA)	Actual Lmax (dBA)		
Flat Bed Truck	No	40	84		50	10
Flat Bed Truck	No	40	84		50	10
Dozer	No	40	85		50	10
Dozer	No	40	85		50	10
Tractor	No	40	84		50	10
Tractor	No	40	84		50	10
Tractor	No	40	84		50	10
Crane	No	16	85		50	10
Crane	No	16	85		50	10
Heavy-Duty Helicopter	No	1	97.5		50	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	*Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Flat Bed Truck	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Flat Bed Truck	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	75	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	75	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	74	70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	75	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	75	67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Heavy-Duty Helicopter	97.5	77.5	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	97.5	81.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 9/8/2025
Case Description: Ironwood Transmission Line Project

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Civil Crew_Clean Up	Industrial	60	55	50

Description	Equipment		Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
	Impact Device	Usage(%)				
Pickup Truck	No	40	55		50	10
Pickup Truck	No	40	55		50	10
Excavator	No	40	85		50	10
Dozer	No	40	85		50	10

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	*Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Pickup Truck	45	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pickup Truck	45	41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	75	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	75	71	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	75	74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.