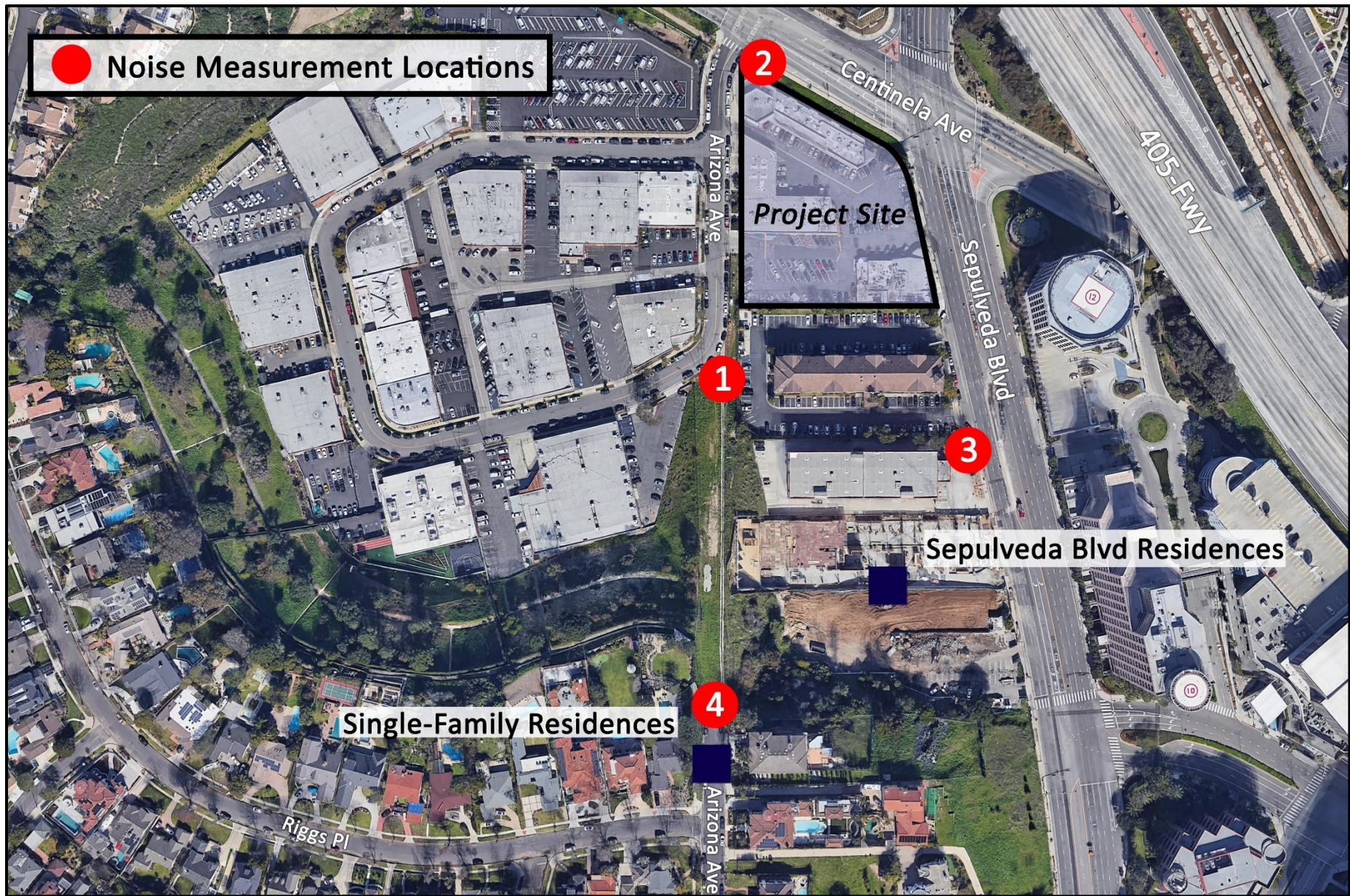




NOISE RECEPTOR & MEASUREMENT LOCATION MAP
6521 S. Sepulveda Boulevard Project
Imagery via Google

1. Near Arizona Avenue

Noise Report

Summary

Date Thursday, May 13, 2021
Start Time 11:48am
End Time 12:03pm
File Name 831_Data.022
Device Model Larson Davis Model 831
Weighting A
Response Slow

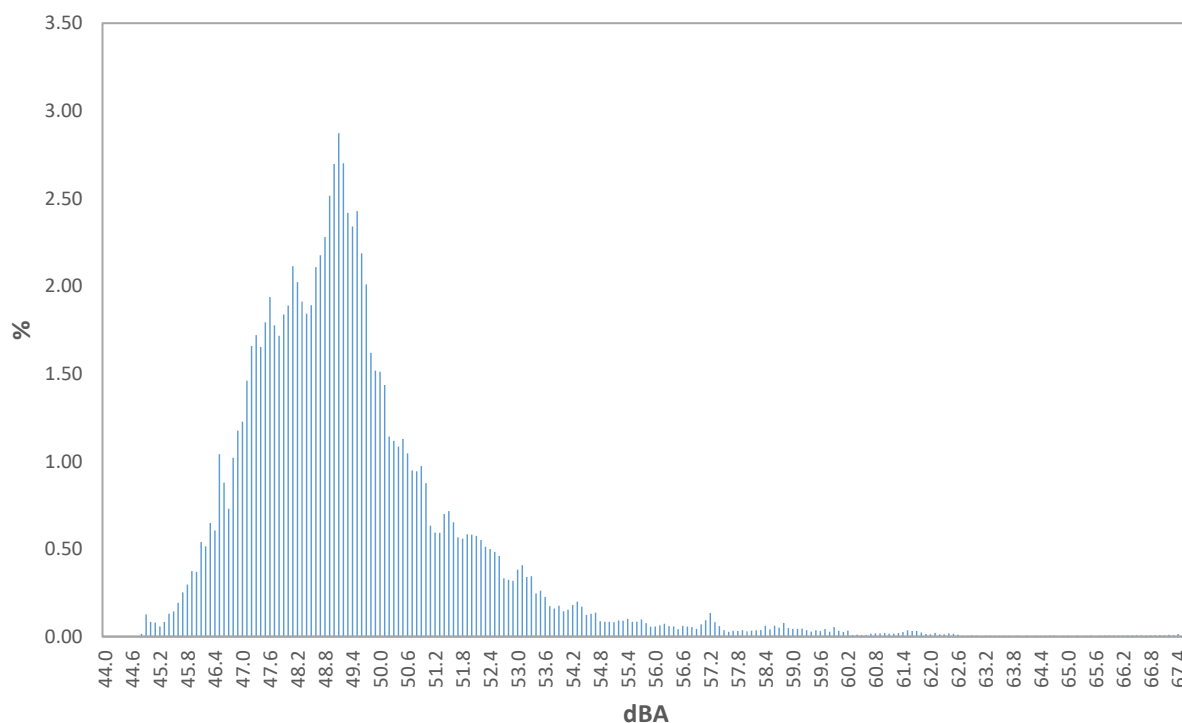
Results

<u>Description</u>	<u>Value</u>	<u>Description</u>	<u>Value</u>
L _{eq}	50.9dB	L ₁₀	52.4dB
L _{max}	67.6dB	L ₅₀	49.1dB
L _{min}	44.8dB	L ₉₀	47.0dB

LAS > 65.0 dBA (Exceedance Count/Duration): 1, 2.7s

LAS > 85.0 dBA (Exceedance Count/Duration): 0, 0.0s

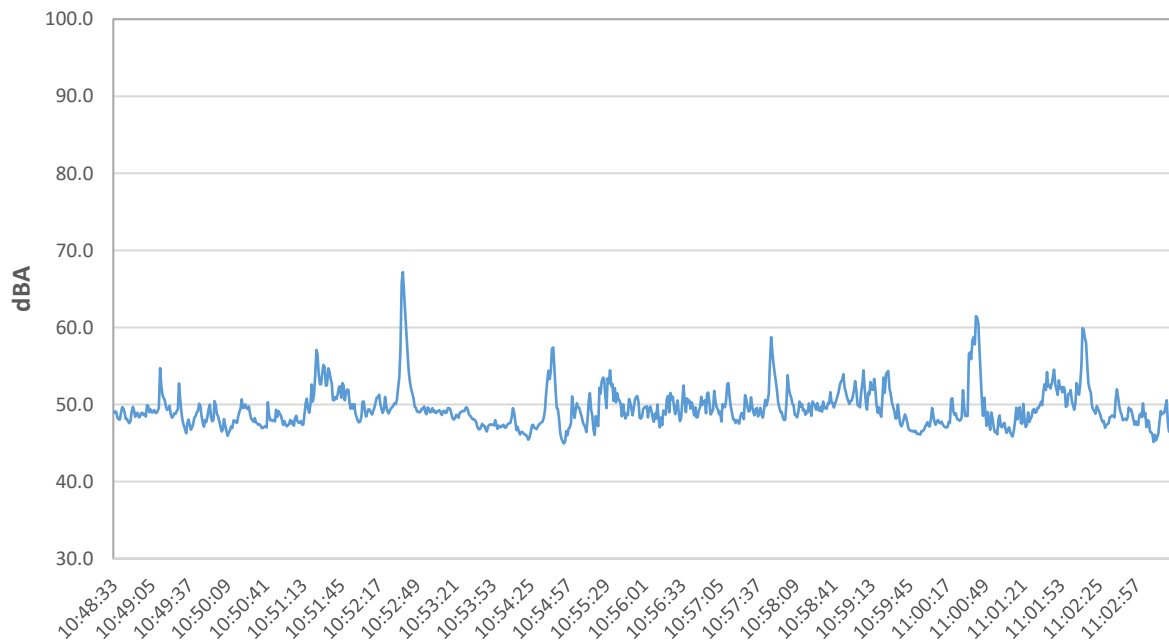
Statistics Chart



Statistics Table

dB	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
44.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.13	0.1
45.0	0.08	0.08	0.06	0.08	0.13	0.14	0.19	0.25	0.30	0.37	1.7
46.0	0.37	0.54	0.52	0.65	0.61	1.04	0.88	0.73	1.02	1.18	7.52
47.0	1.23	1.46	1.66	1.72	1.65	1.79	1.94	1.78	1.72	1.84	16.78
48.0	1.89	2.11	2.02	1.91	1.84	1.89	2.11	2.18	2.28	2.52	20.75
49.0	2.70	2.87	2.70	2.42	2.34	2.43	2.19	2.01	1.62	1.52	22.79
50.0	1.51	1.44	1.14	1.12	1.08	1.13	1.05	0.95	0.94	0.97	11.33
51.0	0.88	0.63	0.59	0.59	0.70	0.72	0.65	0.57	0.56	0.58	6.47
52.0	0.58	0.57	0.55	0.51	0.50	0.48	0.46	0.33	0.32	0.32	4.64
53.0	0.38	0.41	0.34	0.34	0.25	0.26	0.23	0.17	0.16	0.18	2.72
54.0	0.14	0.15	0.18	0.20	0.17	0.12	0.13	0.14	0.09	0.08	1.41
55.0	0.08	0.08	0.09	0.09	0.10	0.08	0.09	0.10	0.08	0.06	0.85
56.0	0.06	0.06	0.07	0.06	0.06	0.04	0.06	0.06	0.05	0.04	0.57
57.0	0.07	0.09	0.13	0.08	0.06	0.04	0.03	0.03	0.03	0.04	0.61
58.0	0.03	0.03	0.04	0.04	0.06	0.04	0.06	0.05	0.08	0.05	0.48
59.0	0.04	0.04	0.05	0.04	0.03	0.04	0.03	0.04	0.03	0.05	0.39
60.0	0.03	0.03	0.03	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.19
61.0	0.02	0.02	0.02	0.02	0.03	0.04	0.03	0.03	0.02	0.01	0.24
62.0	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.00	0.00	0.01	0.12
63.0	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.05
64.0	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.04
65.0	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.05
66.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
67.0	0.01	0.01	0.01	0.01	0.01	0.05	0.01	0.00	0.00	0.00	0.11

Logged Data Chart



2. Near Int. of Centinela Ave and Arizona Ave

Noise Report

Summary

Date Thursday, May 13, 2021
Start Time 12:06pm
End Time 12:21pm
File Name 831_Data.023
Device Model Larson Davis Model 831
Weighting A
Response Slow

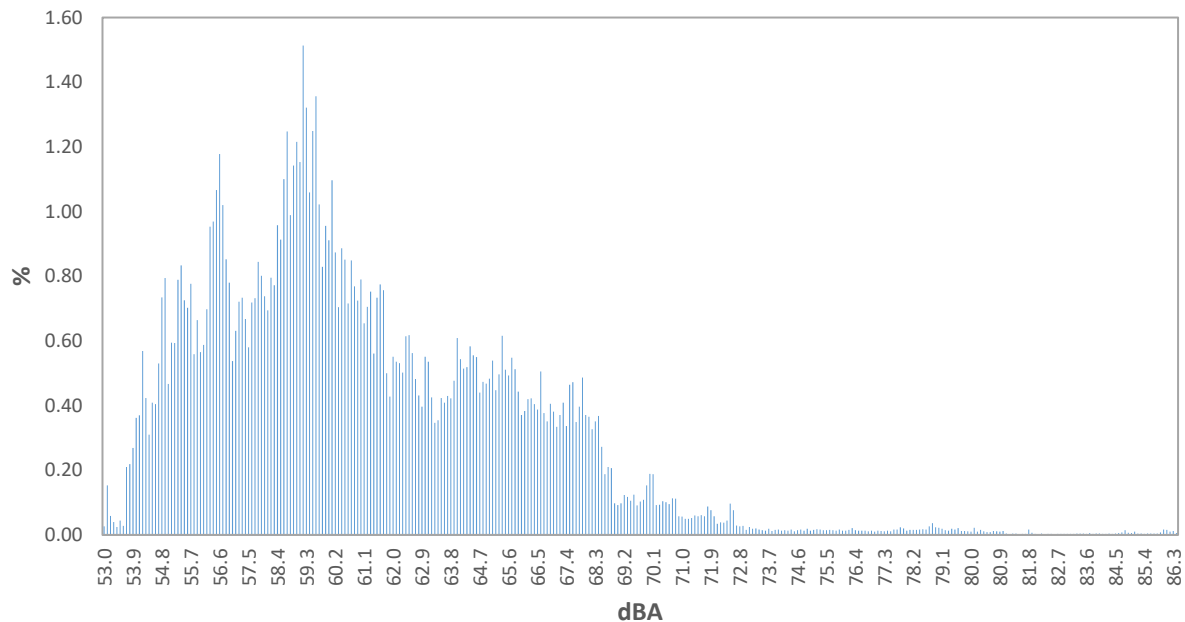
Results

Description	Value	Description	Value
L _{eq}	65.4dB	L ₁₀	67.4dB
L _{max}	86.4dB	L ₅₀	60.0dB
L _{min}	53.0dB	L ₉₀	55.6dB

LAS > 65.0 dBA (Exceedance Count/Duration): 31, 241.6s

LAS > 85.0 dBA (Exceedance Count/Duration): 1, 1.7s

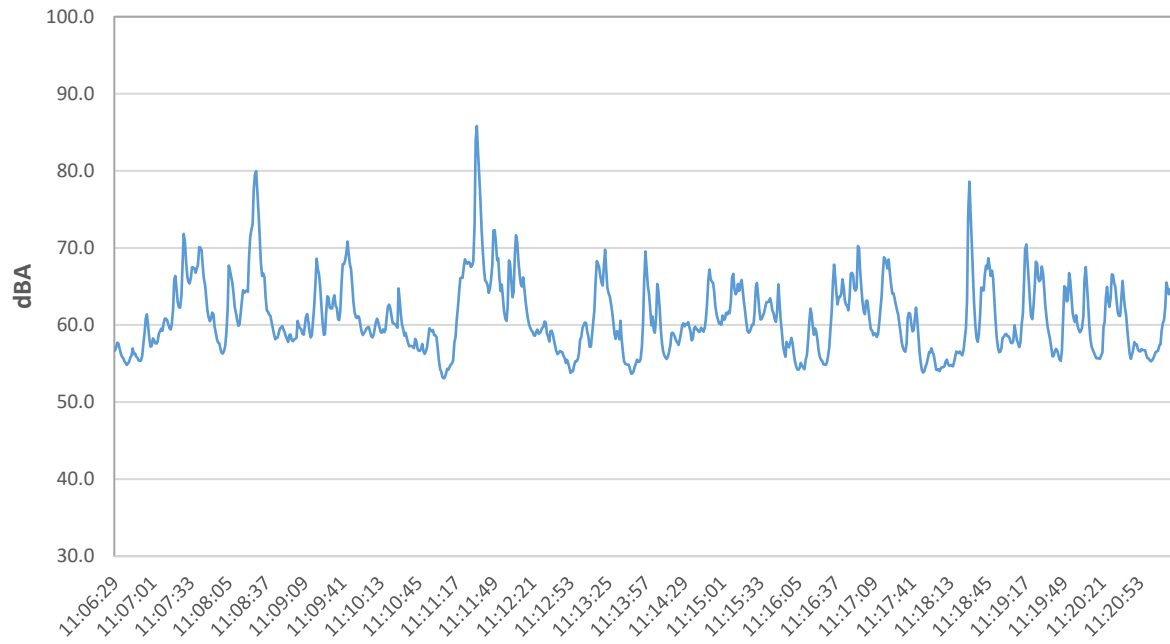
Statistics Chart



Statistics Table

dB	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
53.0	0.03	0.15	0.06	0.04	0.02	0.04	0.03	0.21	0.22	0.27	1.1
54.0	0.36	0.37	0.57	0.42	0.31	0.41	0.40	0.53	0.73	0.79	4.9
55.0	0.47	0.59	0.59	0.79	0.83	0.73	0.70	0.78	0.56	0.66	6.70
56.0	0.57	0.59	0.70	0.95	0.97	1.07	1.18	1.02	0.85	0.78	8.67
57.0	0.54	0.63	0.72	0.73	0.67	0.58	0.72	0.73	0.84	0.80	6.97
58.0	0.74	0.69	0.80	0.77	0.96	0.91	1.10	1.25	0.99	1.14	9.35
59.0	1.22	1.15	1.51	1.32	1.06	1.25	1.36	1.02	0.83	0.96	11.67
60.0	0.91	1.10	0.87	0.70	0.89	0.85	0.72	0.85	0.77	0.72	8.38
61.0	0.79	0.65	0.71	0.75	0.56	0.73	0.77	0.76	0.50	0.43	6.66
62.0	0.55	0.54	0.53	0.50	0.61	0.62	0.56	0.48	0.43	0.40	5.22
63.0	0.55	0.54	0.43	0.35	0.35	0.42	0.41	0.43	0.42	0.48	4.37
64.0	0.61	0.54	0.51	0.52	0.58	0.56	0.55	0.44	0.47	0.47	5.26
65.0	0.48	0.54	0.45	0.50	0.62	0.51	0.49	0.55	0.51	0.44	5.09
66.0	0.37	0.38	0.42	0.42	0.40	0.39	0.51	0.38	0.35	0.41	4.03
67.0	0.38	0.33	0.37	0.41	0.34	0.46	0.47	0.35	0.40	0.49	4.00
68.0	0.37	0.37	0.33	0.35	0.37	0.27	0.19	0.21	0.21	0.10	2.76
69.0	0.09	0.10	0.12	0.12	0.11	0.12	0.09	0.10	0.11	0.15	1.12
70.0	0.19	0.19	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.06	1.15
71.0	0.06	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.09	0.08	0.61
72.0	0.06	0.03	0.04	0.04	0.04	0.10	0.08	0.03	0.03	0.03	0.47
73.0	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.02	0.17
74.0	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.02	0.15
75.0	0.01	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.02	0.15
76.0	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.14
77.0	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.15
78.0	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.02	0.20
79.0	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.16
80.0	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.12
81.0	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.06
82.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
83.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.04
84.0	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.06
85.0	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
86.0	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.06

Logged Data Chart



3. Sepulveda Blvd

Noise Report

Summary

Date Thursday, May 13, 2021
Start Time 12:25pm
End Time 12:40pm
File Name 831_Data.024
Device Model Larson Davis Model 831
Weighting A
Response Slow

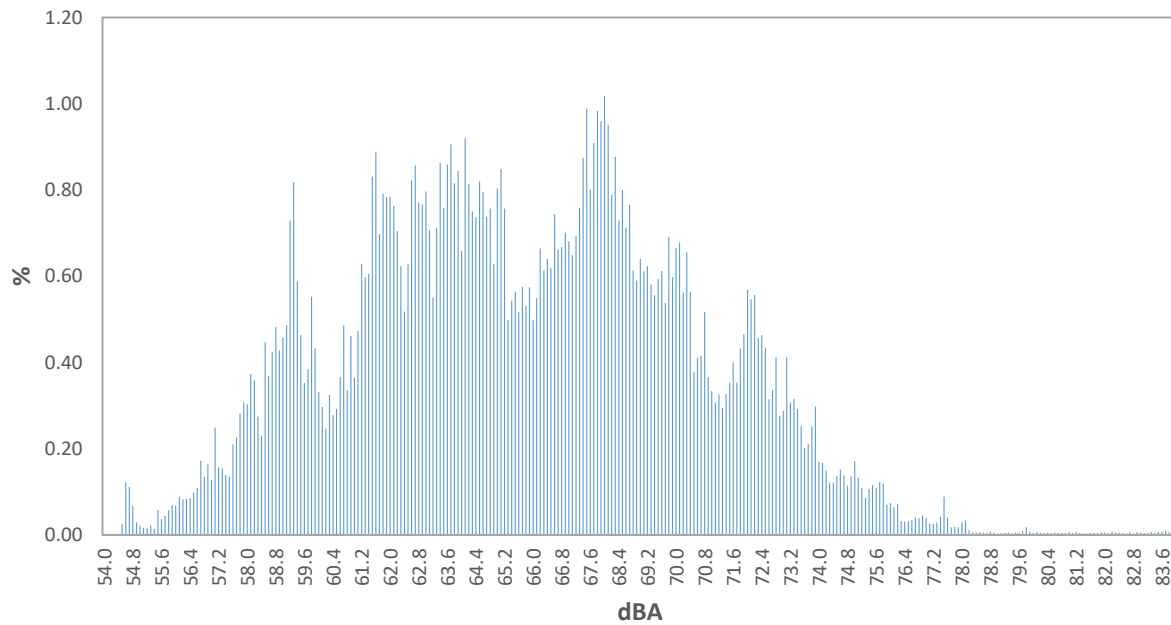
Results

Description	Value	Description	Value
L _{eq}	68.4dB	L ₁₀	72.1dB
L _{max}	84.0dB	L ₅₀	65.6dB
L _{min}	54.5dB	L ₉₀	59.4dB

LAS > 65.0 dBA (Exceedance Count/Duration): 32, 580.4s

LAS > 85.0 dBA (Exceedance Count/Duration): 0, 0.0s

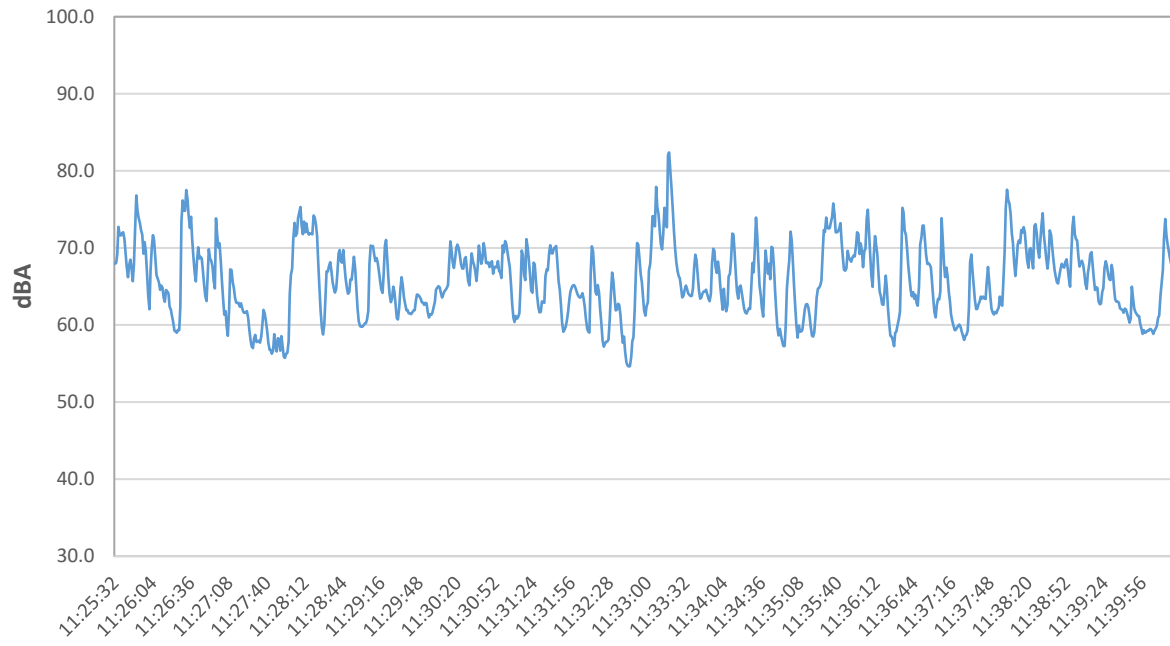
Statistics Chart



Statistics Table

dB	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
54.0	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.11	0.07	0.03	0.4
55.0	0.02	0.02	0.02	0.02	0.01	0.06	0.04	0.04	0.06	0.07	0.4
56.0	0.07	0.09	0.08	0.08	0.09	0.10	0.11	0.17	0.13	0.16	1.08
57.0	0.13	0.25	0.16	0.15	0.14	0.14	0.21	0.23	0.28	0.31	1.99
58.0	0.30	0.37	0.36	0.27	0.23	0.45	0.37	0.42	0.48	0.43	3.69
59.0	0.46	0.49	0.73	0.82	0.59	0.46	0.35	0.38	0.55	0.43	5.26
60.0	0.33	0.30	0.25	0.32	0.28	0.29	0.37	0.49	0.34	0.46	3.42
61.0	0.36	0.47	0.63	0.60	0.61	0.83	0.89	0.70	0.79	0.78	6.66
62.0	0.78	0.76	0.70	0.62	0.52	0.63	0.82	0.86	0.77	0.77	7.24
63.0	0.80	0.71	0.55	0.71	0.86	0.76	0.86	0.91	0.82	0.84	7.81
64.0	0.66	0.92	0.81	0.75	0.74	0.82	0.80	0.74	0.76	0.63	7.62
65.0	0.80	0.85	0.76	0.50	0.54	0.56	0.52	0.58	0.53	0.57	6.21
66.0	0.50	0.55	0.66	0.61	0.64	0.62	0.74	0.66	0.67	0.70	6.36
67.0	0.68	0.65	0.69	0.76	0.87	0.99	0.80	0.91	0.98	0.96	8.30
68.0	1.02	0.95	0.79	0.88	0.73	0.80	0.71	0.77	0.61	0.59	7.84
69.0	0.64	0.61	0.62	0.58	0.56	0.59	0.61	0.54	0.69	0.60	6.04
70.0	0.67	0.68	0.56	0.66	0.56	0.38	0.41	0.42	0.52	0.37	5.21
71.0	0.33	0.31	0.33	0.29	0.33	0.35	0.40	0.35	0.43	0.47	3.59
72.0	0.57	0.55	0.56	0.46	0.46	0.43	0.31	0.34	0.41	0.28	4.36
73.0	0.29	0.41	0.31	0.32	0.29	0.25	0.20	0.21	0.25	0.30	2.83
74.0	0.17	0.17	0.15	0.12	0.12	0.14	0.15	0.14	0.11	0.14	1.40
75.0	0.17	0.13	0.11	0.09	0.11	0.12	0.11	0.12	0.12	0.07	1.14
76.0	0.07	0.06	0.07	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.46
77.0	0.04	0.03	0.03	0.03	0.04	0.09	0.04	0.02	0.02	0.02	0.35
78.0	0.03	0.03	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.12
79.0	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.02	0.01	0.07
80.0	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.05
81.0	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05
82.0	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.05
83.0	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.08
84.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Logged Data Chart



4. Arizona Ave - N Terminus

Noise Report

Summary

Date Thursday, May 13, 2021
Start Time 1:05pm
End Time 1:20pm
File Name 831_Data.025
Device Model Larson Davis Model 831
Weighting A
Response Slow

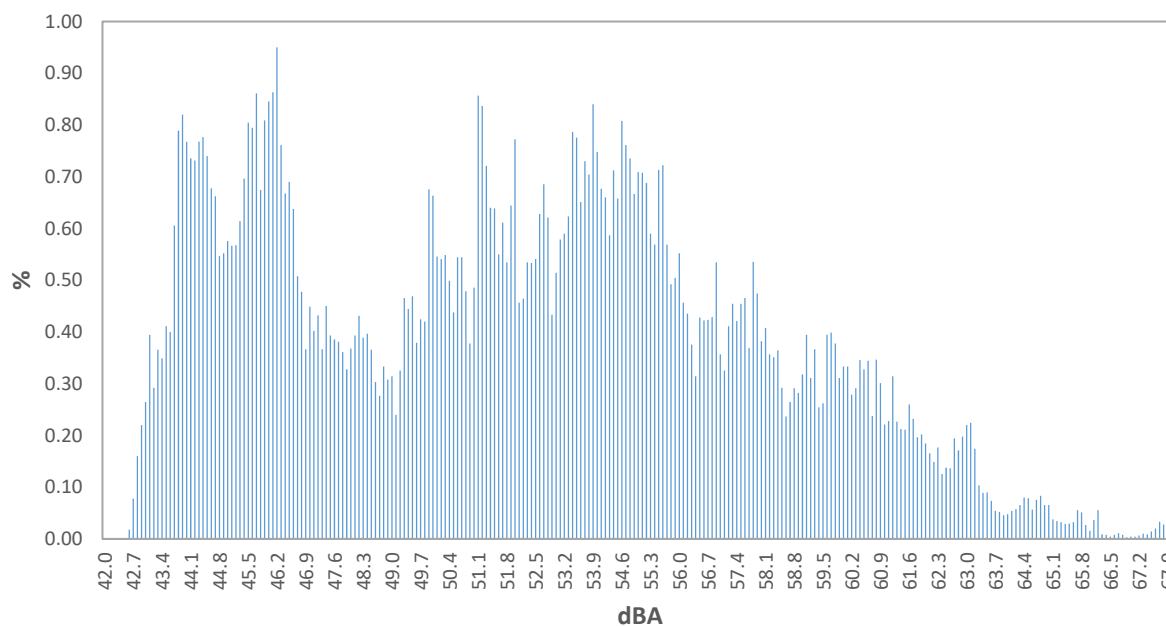
Results

Description	Value	Description	Value
L _{eq}	55.7dB	L ₁₀	59.9dB
L _{max}	68.1dB	L ₅₀	54.7dB
L _{min}	42.6dB	L ₉₀	44.6dB

LAS > 65.0 dBA (Exceedance Count/Duration): 4, 12.9s

LAS > 85.0 dBA (Exceedance Count/Duration): 0, 0.0s

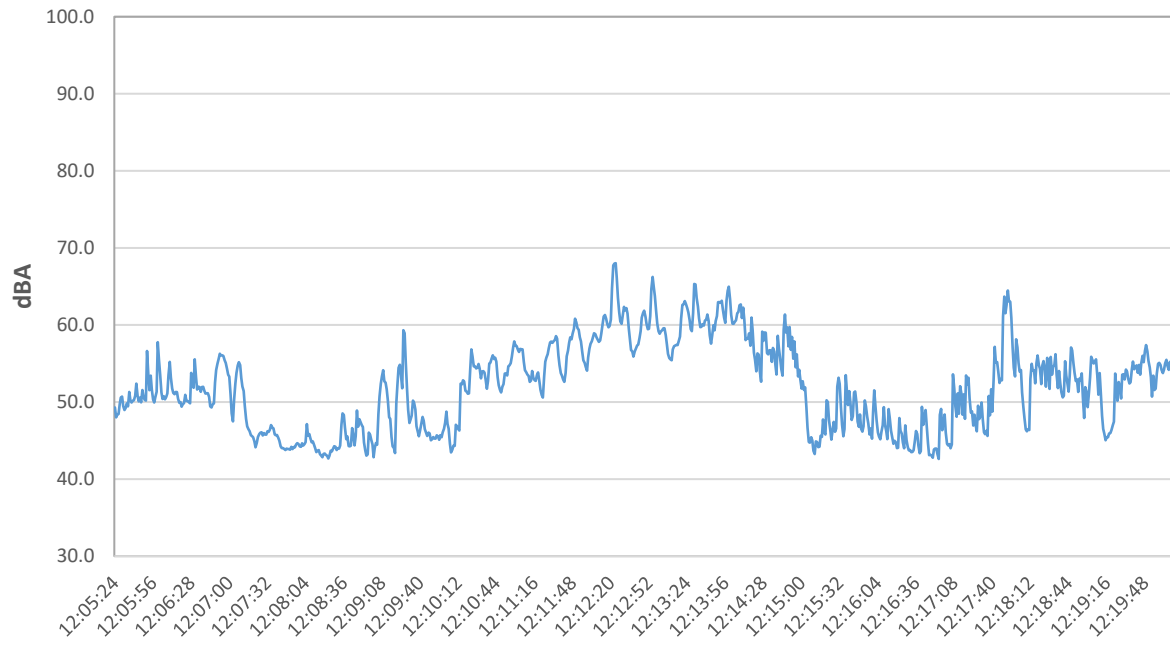
Statistics Chart



Statistics Table

dB	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
42.0	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.16	0.22	0.5
43.0	0.26	0.39	0.29	0.37	0.35	0.41	0.40	0.61	0.79	0.82	4.7
44.0	0.77	0.74	0.73	0.77	0.78	0.74	0.68	0.66	0.55	0.55	6.96
45.0	0.58	0.57	0.57	0.61	0.70	0.80	0.79	0.86	0.67	0.81	6.96
46.0	0.85	0.86	0.95	0.76	0.67	0.69	0.64	0.51	0.48	0.37	6.77
47.0	0.45	0.40	0.43	0.37	0.45	0.39	0.39	0.38	0.36	0.33	3.95
48.0	0.37	0.39	0.43	0.39	0.40	0.37	0.30	0.28	0.33	0.31	3.56
49.0	0.31	0.24	0.33	0.47	0.44	0.47	0.38	0.42	0.42	0.68	4.16
50.0	0.66	0.55	0.54	0.55	0.50	0.44	0.54	0.54	0.48	0.38	5.18
51.0	0.49	0.86	0.84	0.72	0.64	0.64	0.55	0.61	0.53	0.64	6.52
52.0	0.77	0.46	0.46	0.53	0.53	0.54	0.63	0.69	0.62	0.43	5.67
53.0	0.51	0.58	0.59	0.62	0.79	0.78	0.65	0.73	0.70	0.84	6.79
54.0	0.75	0.68	0.66	0.59	0.71	0.66	0.81	0.76	0.74	0.67	7.01
55.0	0.71	0.71	0.69	0.59	0.57	0.71	0.72	0.57	0.49	0.50	6.26
56.0	0.55	0.46	0.44	0.38	0.31	0.43	0.42	0.42	0.43	0.53	4.37
57.0	0.36	0.33	0.41	0.45	0.42	0.45	0.47	0.37	0.54	0.47	4.27
58.0	0.38	0.41	0.36	0.35	0.36	0.29	0.24	0.26	0.29	0.28	3.23
59.0	0.32	0.39	0.31	0.37	0.25	0.26	0.39	0.40	0.38	0.31	3.39
60.0	0.33	0.33	0.28	0.29	0.35	0.33	0.34	0.24	0.35	0.30	3.14
61.0	0.22	0.23	0.31	0.23	0.21	0.21	0.26	0.23	0.20	0.20	2.30
62.0	0.18	0.17	0.15	0.18	0.13	0.14	0.14	0.19	0.17	0.20	1.64
63.0	0.22	0.22	0.17	0.10	0.09	0.09	0.07	0.05	0.05	0.05	1.13
64.0	0.05	0.05	0.06	0.07	0.08	0.08	0.06	0.08	0.08	0.07	0.67
65.0	0.07	0.04	0.03	0.03	0.03	0.03	0.03	0.06	0.05	0.03	0.39
66.0	0.02	0.04	0.06	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.16
67.0	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.05	0.18
68.0	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16

Logged Data Chart



Construction Noise Impact Analysis

noah tanski environmental consulting

Single-Family Residences: SEWER INFRASTRUCTURE RELOCATION

Ambient Noise Level:	55.7 dBA Leq
Distance:	800 feet

Unmitigated

Equipment Noise Levels

Equipment	Work Cycle Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
Combined dBA Leq:			71.9

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	71.9 dBA Leq
Total Shielding (existing building rows)	10 dBA
Ground Factor	0
Distance - Equipment to Receptor	800 ft
Unmitigated Construction Noise Level	37.8 dBA Leq
Ambient Noise Level	55.7 dBA
New Noise Level	55.8 dBA Leq
Unmitigated Noise Increase	0.1 dBA

Construction Noise Impact Analysis

noah tanski environmental consulting

Single-Family Residences: DEMOLITION

Ambient Noise Level:	55.7 dBA Leq
Distance:	520 feet

Unmitigated

Equipment Noise Levels

Equipment	Work Cycle Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Front-end Loader	72.4	0.4	68.4
Front-end Loader	72.4	0.4	68.4
-	0	1	0.0
-	0	1	0.0
Combined dBA Leq:			75.6

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.6 dBA Leq
Total Shielding (sound barrier)	0 dBA
Ground Factor	0
Distance - Equipment to Receptor	520 ft
Unmitigated Construction Noise Level	55.3 dBA Leq
Ambient Noise Level	55.7 dBA
New Noise Level	58.5 dBA Leq
Unmitigated Noise Increase	2.8 dBA

Construction Noise Impact Analysis

noah tanski environmental consulting

Single-Family Residences: GRADING

Ambient Noise Level:	55.7 dBA Leq
Distance:	520 feet

Unmitigated

Equipment Noise Levels

Equipment	Work Cycle Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Bulldozer	80	0.4	76.0
Front-end Loader	72.4	0.4	68.4
-	0	1	0.0
-	0	1	0.0
Combined dBA Leq:			78.4

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	78.4 dBA Leq
Total Shielding (sound barrier)	0 dBA
Ground Factor	0
Distance - Equipment to Receptor	520 ft
Unmitigated Construction Noise Level	58.1 dBA Leq
Ambient Noise Level	55.7 dBA
New Noise Level	60.1 dBA Leq
Unmitigated Noise Increase	4.4 dBA

Construction Noise Impact Analysis

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Sepulveda Boulevard Residences: SEWER INFRASTRUCTURE RELOCATION

Ambient Noise Level:	68.4 dBA Leq
Distance:	460 feet

Unmitigated

Equipment Noise Levels

Equipment	Work Cycle Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
-	0	1	0.0
Combined dBA Leq:			71.9

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	71.9 dBA Leq
Total Shielding	0 dBA
Ground Factor	0
Distance - Equipment to Receptor	460 ft
Unmitigated Construction Noise Level	52.6 dBA Leq
Ambient Noise Level	68.4 dBA
New Noise Level	68.5 dBA Leq
Unmitigated Noise Increase	0.1 dBA

Construction Noise Impact Analysis

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Sepulveda Boulevard Residences: GRADING

Ambient Noise Level:	50.9 dBA Leq
Distance:	350 feet

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Bulldozer	80	0.4	76.0
Front-end Loader	72.4	0.4	68.4
-	0	1	0.0
-	0	1	0.0
Combined dBA Leq:			78.4

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	78.4 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0
Distance - Equipment to Receptor	350 ft
Unmitigated Construction Noise Level	61.5 dBA Leq
Ambient Noise Level	50.9 dBA
New Noise Level	61.9 dBA Leq
Unmitigated Noise Increase	11.0 dBA

Mitigated

Equipment Noise Levels

Equipment	Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Bulldozer	80	0.4	76.0
Front-end Loader	72.4	0.4	68.4
-	0	1	0.0
-	0	1	0.0
Combined dBA Leq:			78.4

Mitigated Construction Noise Impact

Combined Equipment Noise Level	78.4 dBA Leq
Total Shielding (sound barrier)	10 dBA
Ground Factor	0
Distance - Equipment to Receptor	350 ft
Mitigated Construction Noise Level	51.5 dBA Leq
Ambient Noise Level	50.9 dBA
New Noise Level	54.2 dBA Leq
Mitigated Noise Increase	3.3 dBA

Construction Noise Impact Analysis

noah tanski environmental consulting

Sepulveda Boulevard Residences: DEMOLITION

Ambient Noise Level:	50.9 dBA Leq
Distance:	350 feet

Unmitigated

Equipment Noise Levels

Equipment	Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Front-end Loader	72.4	0.4	68.4
Front-end Loader	72.4	0.4	68.4
-	0	1	0.0
-	0	1	0.0
Combined dBA Leq:			75.6

Unmitigated Construction Noise Impact

Combined Equipment Noise Level	75.6 dBA Leq
Existing Shielding	0 dBA
Ground Factor	0
Distance - Equipment to Receptor	350 ft
Unmitigated Construction Noise Level	58.7 dBA Leq
Ambient Noise Level	50.9 dBA
New Noise Level	59.4 dBA Leq
Unmitigated Noise Increase	8.5 dBA

Mitigated

Equipment Noise Levels

Equipment	Noise Level - 50ft dBA Leq	Usage %	Workday Noise Level - 50ft dBA Leq
Excavator	75.9	0.4	71.9
Front-end Loader	72.4	0.4	68.4
Front-end Loader	72.4	0.4	68.4
-	0	1	0.0
-	0	1	0.0
Combined dBA Leq:			75.6

Mitigated Construction Noise Impact

Combined Equipment Noise Level	75.6 dBA Leq
Total Shielding (sound barrier)	10 dBA
Ground Factor	0
Distance - Equipment to Receptor	350 ft
Mitigated Construction Noise Level	48.7 dBA Leq
Ambient Noise Level	50.9 dBA
New Noise Level	53.0 dBA Leq
Mitigated Noise Increase	2.1 dBA

Vibration Impact Analysis

noah tanski environmental consulting

Construction Vibration - PPV

Equipment:	Vibratory Roller
Equipment PPV (in/sec):	0.21
Reference Distance (ft):	25
"n" value	1.1

Unmitigated

Receptor	Distance (ft)	Vibration Level (in/sec PPV)
6301 Arizona Circle (Commercial)	70	0.068
6305 Arizona Circle (Commercial)	75	0.063
6531 Sepulveda Blvd. (Extended Stay America)	80	0.058
6601 Center Drive (Commercial)	190	0.023
6101 Centinela Avenue (Commercial)	100	0.046

Sepulveda Centinela

3 August 2022

RESULTS: SOUND LEVELS
Sepulveda Centinela

NTEC													
NTEC													
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Sepulveda Centinela										
RUN:			Sepulveda S of Project: PM										
BARRIER DESIGN:			INPUT HEIGHTS										
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
50ft from Centerline	2	1	0.0	50.4	66	50.4	10	----	50.4	0.0	8	-8.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

Sepulveda Centinela

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RESULTS: SOUND LEVELS
Sepulveda Centinela

NTEC								3 August 2021					
NTEC								TNM 2.5					
								Calculated with TNM 2.5					
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Sepulveda Centinela											
RUN:		Arizona: PM											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless				
									a State highway agency substantiates the use				
ATMOSPHERICS:		68 deg F, 50% RH							of a different type with approval of FHWA.				
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over Calculated	existing Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal	
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
30ft from Centerline	1	1	0.0	52.6	66	52.6	10	----	52.6	0.0	8	-8.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								