

*NOISE RECEPTOR & MONITORING LOCATION MAP*

*Park Pointe Project*

*Imagery via Google*

**noah tanski environmental consulting**

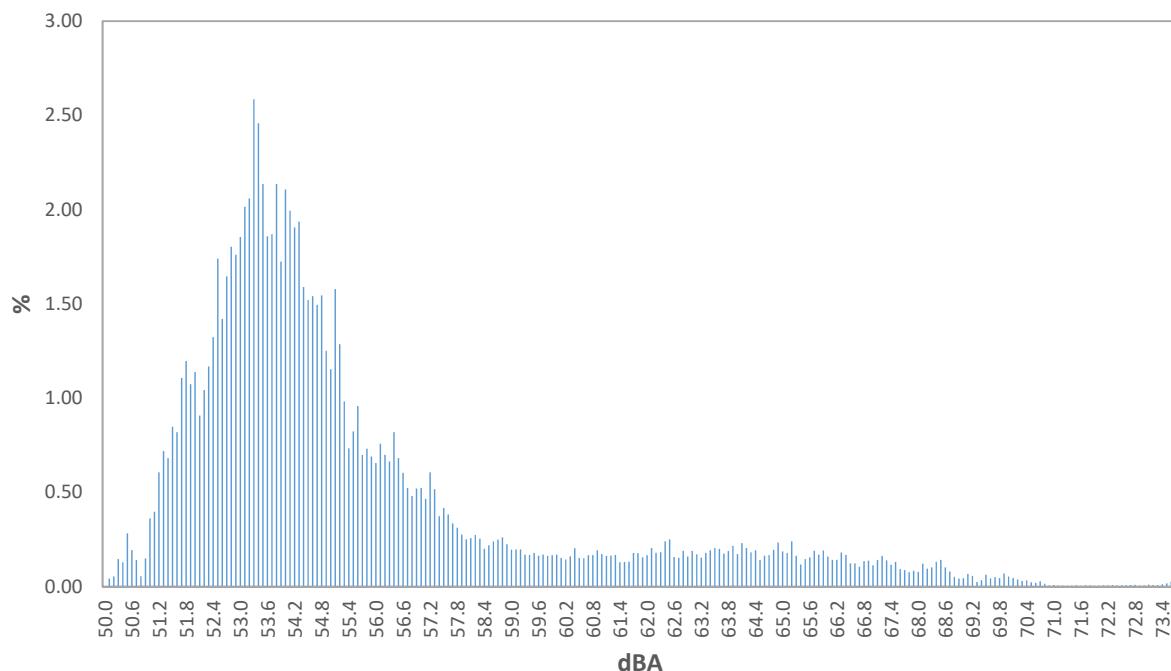
## Summary

Date Thursday, March 14, 2019  
Start Time 10:51am  
End Time 11:06am  
File Name 831\_Data.008  
Device Model Larson Davis Model 831  
Weighting A  
Response Slow

## Results

<u>Description</u>	<u>Value</u>	<u>Description</u>	<u>Value</u>
L <sub>eq</sub>	58.9dB	L <sub>10</sub>	62.9dB
L <sub>max</sub>	73.7dB	L <sub>50</sub>	54.3dB
L <sub>min</sub>	50.0dB	L <sub>90</sub>	52.0dB

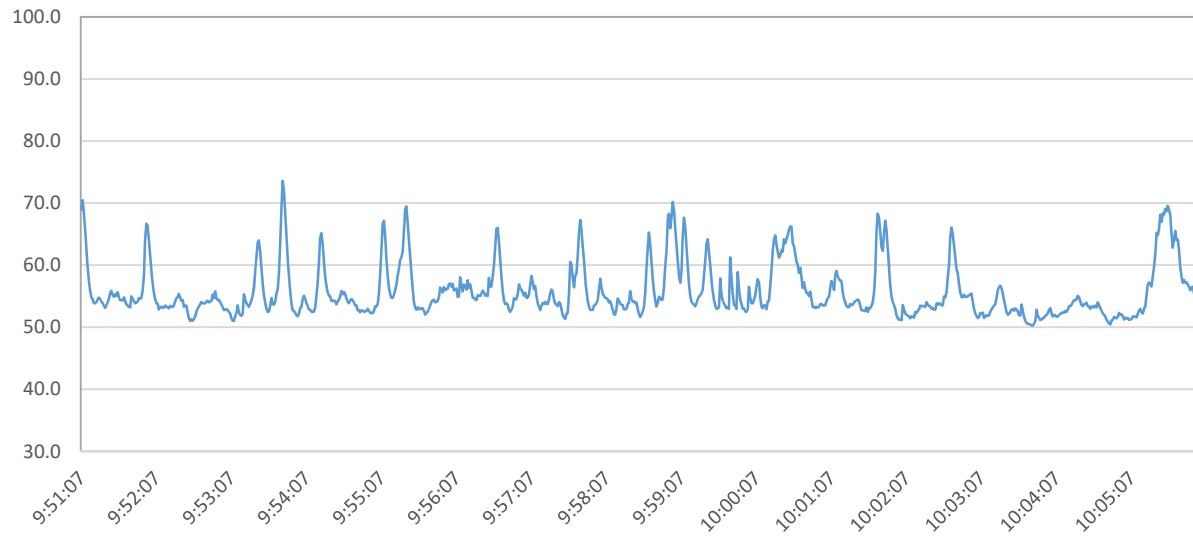
## Statistics Chart



## Statistics Table

dB	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
50.0	0.00	0.04	0.05	0.15	0.13	0.28	0.19	0.14	0.05	0.15	1.2
51.0	0.36	0.40	0.61	0.72	0.68	0.85	0.82	1.11	1.20	1.07	7.8
52.0	1.14	0.91	1.04	1.17	1.32	1.74	1.42	1.65	1.80	1.76	13.95
53.0	1.85	2.01	2.06	2.59	2.46	2.14	1.86	1.87	2.14	1.72	20.69
54.0	2.11	1.99	1.91	1.94	1.59	1.52	1.54	1.49	1.54	1.25	16.88
55.0	1.15	1.58	1.29	0.98	0.73	0.82	0.96	0.70	0.73	0.69	9.63
56.0	0.65	0.76	0.70	0.66	0.82	0.68	0.60	0.52	0.48	0.52	6.40
57.0	0.52	0.46	0.61	0.52	0.37	0.42	0.38	0.33	0.31	0.28	4.20
58.0	0.25	0.26	0.27	0.25	0.20	0.22	0.24	0.25	0.26	0.22	2.43
59.0	0.20	0.20	0.20	0.17	0.17	0.18	0.16	0.17	0.16	0.17	1.76
60.0	0.17	0.15	0.14	0.16	0.20	0.15	0.15	0.17	0.17	0.19	1.65
61.0	0.17	0.16	0.16	0.17	0.13	0.13	0.13	0.18	0.18	0.15	1.57
62.0	0.17	0.20	0.18	0.18	0.24	0.25	0.16	0.15	0.19	0.16	1.88
63.0	0.19	0.17	0.15	0.18	0.19	0.20	0.20	0.17	0.19	0.22	1.87
64.0	0.17	0.23	0.20	0.18	0.19	0.14	0.16	0.17	0.19	0.23	1.88
65.0	0.19	0.18	0.24	0.16	0.12	0.15	0.15	0.19	0.17	0.19	1.74
66.0	0.16	0.14	0.14	0.18	0.17	0.12	0.12	0.10	0.13	0.14	1.41
67.0	0.11	0.14	0.16	0.14	0.12	0.13	0.09	0.09	0.08	0.08	1.14
68.0	0.08	0.12	0.09	0.10	0.13	0.14	0.10	0.08	0.05	0.04	0.94
69.0	0.04	0.07	0.06	0.02	0.03	0.06	0.04	0.05	0.04	0.07	0.49
70.0	0.05	0.05	0.04	0.03	0.03	0.02	0.02	0.03	0.01	0.01	0.29
71.0	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.06
72.0	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07
73.0	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.01	0.00	0.00	0.09

## Logged Data Chart



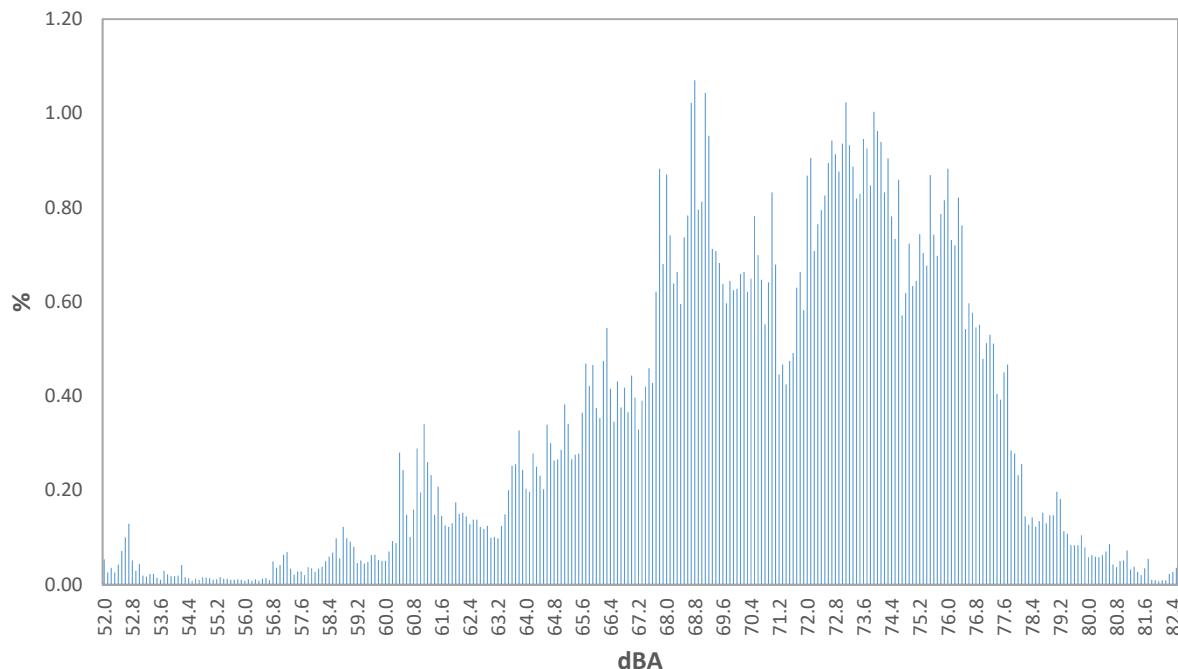
### Summary

Date Thursday, March 14, 2019  
Start Time 11:10am  
End Time 11:25am  
File Name 831\_Data.009  
Device Model Larson Davis Model 831  
Weighting A  
Response Slow

### Results

<u>Description</u>	<u>Value</u>	<u>Description</u>	<u>Value</u>
L <sub>eq</sub>	73.1dB	L <sub>10</sub>	76.6dB
L <sub>max</sub>	82.5dB	L <sub>50</sub>	71.6dB
L <sub>min</sub>	52.0dB	L <sub>90</sub>	64.2dB

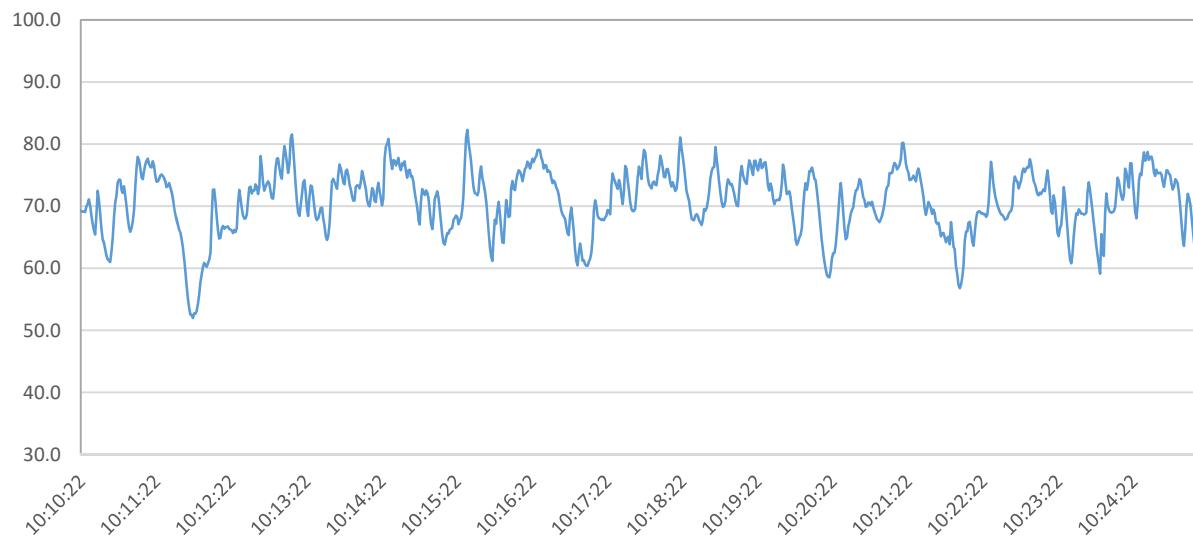
### Statistics Chart



## Statistics Table

dB	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
52.0	0.05	0.03	0.04	0.03	0.04	0.07	0.10	0.13	0.05	0.03	0.6
53.0	0.04	0.02	0.02	0.02	0.02	0.01	0.01	0.03	0.02	0.02	0.2
54.0	0.02	0.02	0.04	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.17
55.0	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.12
56.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.04	0.16
57.0	0.04	0.06	0.07	0.03	0.02	0.03	0.03	0.02	0.04	0.03	0.37
58.0	0.03	0.03	0.04	0.05	0.06	0.07	0.10	0.06	0.12	0.10	0.65
59.0	0.09	0.08	0.05	0.05	0.04	0.05	0.06	0.06	0.05	0.05	0.59
60.0	0.05	0.07	0.09	0.09	0.28	0.24	0.15	0.10	0.16	0.29	1.52
61.0	0.20	0.34	0.26	0.23	0.15	0.21	0.15	0.13	0.12	0.13	1.91
62.0	0.17	0.15	0.15	0.14	0.13	0.14	0.14	0.12	0.12	0.12	1.39
63.0	0.10	0.10	0.10	0.12	0.15	0.20	0.25	0.26	0.33	0.24	1.85
64.0	0.20	0.20	0.28	0.25	0.23	0.20	0.34	0.30	0.26	0.27	2.53
65.0	0.29	0.38	0.34	0.27	0.28	0.28	0.36	0.47	0.42	0.47	3.55
66.0	0.37	0.35	0.47	0.54	0.42	0.35	0.43	0.38	0.42	0.37	4.10
67.0	0.44	0.40	0.33	0.39	0.42	0.46	0.43	0.62	0.88	0.68	5.05
68.0	0.87	0.74	0.64	0.66	0.60	0.74	0.78	1.02	1.07	0.80	7.92
69.0	0.81	1.04	0.95	0.71	0.71	0.68	0.64	0.60	0.64	0.62	7.41
70.0	0.63	0.66	0.66	0.62	0.65	0.78	0.70	0.65	0.55	0.64	6.54
71.0	0.83	0.68	0.45	0.47	0.42	0.47	0.49	0.63	0.66	0.58	5.69
72.0	0.87	0.91	0.71	0.76	0.79	0.83	0.89	0.94	0.91	0.88	8.49
73.0	0.94	1.02	0.93	0.89	0.82	0.83	0.95	0.93	0.85	1.00	9.15
74.0	0.96	0.94	0.83	0.90	0.78	0.73	0.86	0.57	0.62	0.72	7.92
75.0	0.63	0.64	0.74	0.70	0.68	0.87	0.74	0.70	0.79	0.82	7.31
76.0	0.88	0.73	0.72	0.82	0.76	0.54	0.60	0.58	0.55	0.55	6.73
77.0	0.48	0.51	0.53	0.51	0.40	0.39	0.45	0.47	0.28	0.28	4.31
78.0	0.23	0.26	0.14	0.13	0.14	0.12	0.13	0.15	0.13	0.15	1.59
79.0	0.15	0.20	0.18	0.11	0.11	0.08	0.08	0.08	0.10	0.08	1.18
80.0	0.06	0.06	0.06	0.06	0.06	0.07	0.09	0.04	0.04	0.05	0.58
81.0	0.05	0.07	0.03	0.04	0.03	0.02	0.03	0.05	0.01	0.01	0.35
82.0	0.01	0.01	0.01	0.02	0.03	0.04	0.00	0.00	0.00	0.00	0.11

## Logged Data Chart



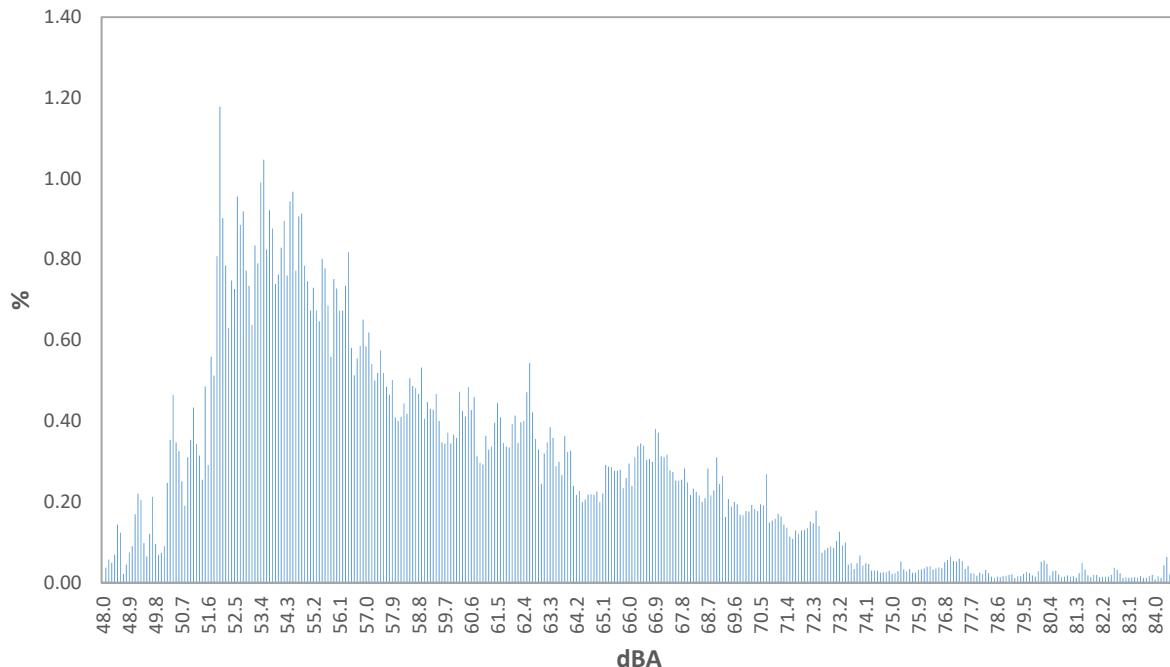
## Summary

Date Thursday, March 14, 2019  
Start Time 11:28am  
End Time 11:43am  
File Name 831\_Data.010  
Device Model Larson Davis Model 831  
Weighting A  
Response Slow

## Results

<u>Description</u>	<u>Value</u>	<u>Description</u>	<u>Value</u>
L <sub>eq</sub>	66.8dB	L <sub>10</sub>	69.0dB
L <sub>max</sub>	84.7dB	L <sub>50</sub>	57.3dB
L <sub>min</sub>	48.1dB	L <sub>90</sub>	52.0dB

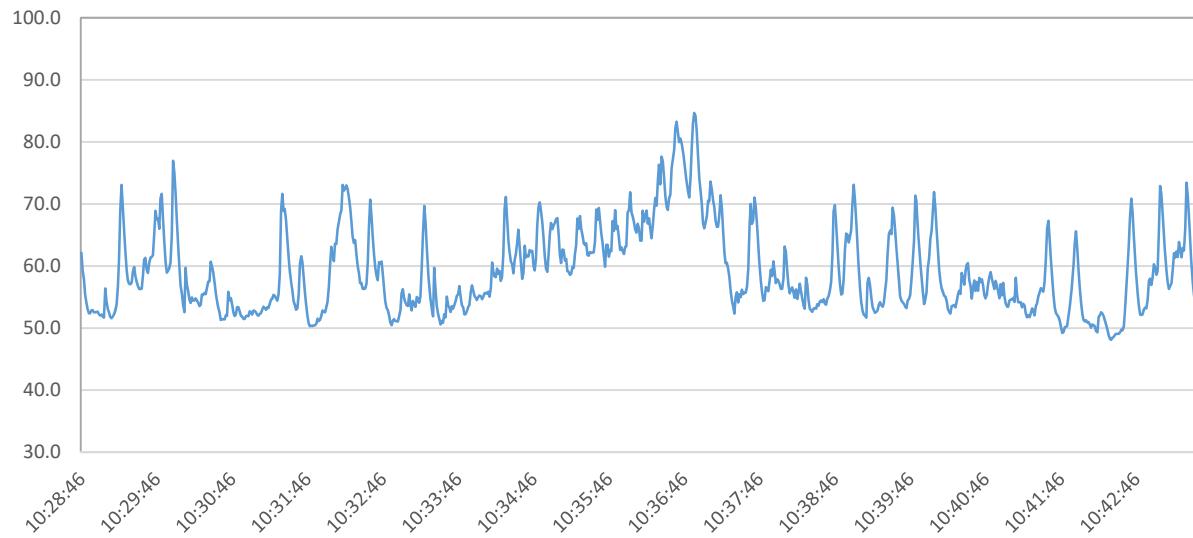
## Statistics Chart



## Statistics Table

dB	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
48.0	0.00	0.04	0.06	0.05	0.07	0.14	0.12	0.02	0.04	0.07	0.6
49.0	0.09	0.17	0.22	0.20	0.10	0.06	0.12	0.21	0.10	0.07	1.3
50.0	0.07	0.09	0.25	0.35	0.46	0.35	0.33	0.25	0.19	0.31	2.65
51.0	0.35	0.43	0.34	0.31	0.25	0.49	0.29	0.56	0.51	0.81	4.35
52.0	1.18	0.90	0.78	0.63	0.75	0.73	0.96	0.89	0.92	0.77	8.50
53.0	0.73	0.64	0.83	0.79	0.99	1.05	0.82	0.92	0.88	0.74	8.40
54.0	0.76	0.83	0.90	0.76	0.94	0.97	0.77	0.91	0.91	0.78	8.53
55.0	0.75	0.67	0.73	0.67	0.65	0.80	0.78	0.69	0.56	0.75	7.04
56.0	0.73	0.67	0.67	0.73	0.82	0.58	0.51	0.55	0.59	0.65	6.51
57.0	0.58	0.62	0.54	0.50	0.52	0.57	0.52	0.48	0.46	0.50	5.31
58.0	0.41	0.40	0.41	0.44	0.42	0.51	0.49	0.48	0.47	0.53	4.55
59.0	0.41	0.45	0.43	0.43	0.47	0.40	0.35	0.34	0.37	0.34	3.98
60.0	0.37	0.36	0.47	0.42	0.41	0.48	0.43	0.46	0.31	0.30	4.01
61.0	0.29	0.36	0.33	0.34	0.40	0.44	0.41	0.35	0.34	0.33	3.59
62.0	0.39	0.41	0.35	0.40	0.40	0.47	0.54	0.42	0.36	0.33	4.07
63.0	0.24	0.32	0.35	0.38	0.36	0.29	0.30	0.27	0.36	0.32	3.19
64.0	0.33	0.24	0.22	0.23	0.20	0.21	0.22	0.22	0.22	0.23	2.29
65.0	0.20	0.22	0.29	0.29	0.29	0.28	0.28	0.28	0.23	0.26	2.61
66.0	0.29	0.24	0.31	0.34	0.34	0.34	0.30	0.31	0.30	0.38	3.15
67.0	0.37	0.31	0.31	0.32	0.28	0.27	0.25	0.25	0.25	0.28	2.90
68.0	0.25	0.22	0.23	0.22	0.22	0.20	0.21	0.28	0.22	0.23	2.27
69.0	0.31	0.24	0.26	0.16	0.21	0.19	0.20	0.19	0.17	0.17	2.10
70.0	0.18	0.18	0.19	0.18	0.18	0.19	0.19	0.27	0.15	0.15	1.86
71.0	0.16	0.17	0.16	0.14	0.14	0.11	0.11	0.13	0.12	0.13	1.37
72.0	0.13	0.13	0.15	0.15	0.18	0.14	0.07	0.08	0.09	0.09	1.21
73.0	0.09	0.10	0.13	0.09	0.10	0.04	0.05	0.03	0.05	0.07	0.75
74.0	0.04	0.05	0.05	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.33
75.0	0.02	0.02	0.03	0.05	0.03	0.03	0.03	0.02	0.02	0.03	0.30
76.0	0.03	0.03	0.04	0.04	0.03	0.03	0.04	0.04	0.05	0.06	0.39
77.0	0.06	0.05	0.05	0.06	0.05	0.03	0.04	0.02	0.02	0.02	0.42
78.0	0.02	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.19
79.0	0.02	0.02	0.01	0.02	0.02	0.02	0.03	0.02	0.02	0.01	0.18
80.0	0.03	0.05	0.05	0.05	0.02	0.03	0.03	0.02	0.01	0.01	0.30
81.0	0.02	0.01	0.02	0.01	0.02	0.05	0.03	0.02	0.01	0.02	0.21
82.0	0.02	0.01	0.01	0.01	0.01	0.02	0.04	0.03	0.02	0.01	0.20

## Logged Data Chart



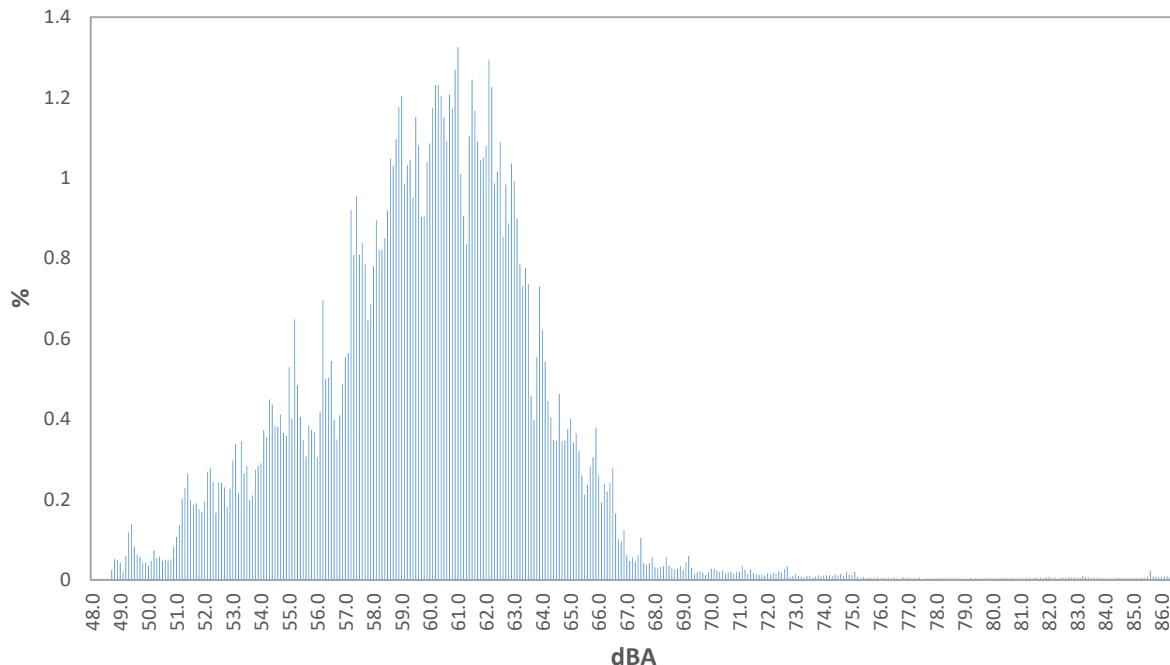
## Summary

Date Thursday, March 14, 2019  
Start Time 11:48am  
End Time 12:03pm  
File Name 831\_Data.011  
Device Model Larson Davis Model 831  
Weighting A  
Response Slow

## Results

<u>Description</u>	<u>Value</u>	<u>Description</u>	<u>Value</u>
L <sub>eq</sub>	64.0dB	L <sub>10</sub>	64.3dB
L <sub>max</sub>	86.5dB	L <sub>50</sub>	60.1dB
L <sub>min</sub>	48.7dB	L <sub>90</sub>	54.4dB

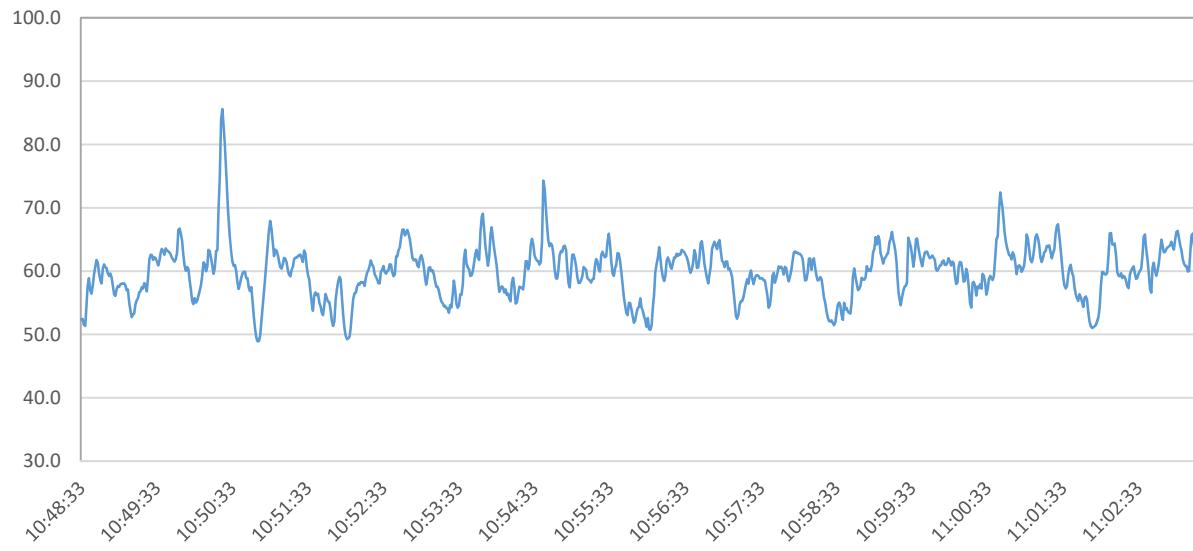
## Statistics Chart



## Statistics Table

dB	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
48.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.05	0.1
49.0	0.04	0.02	0.06	0.12	0.14	0.08	0.06	0.06	0.04	0.04	0.7
50.0	0.04	0.05	0.07	0.05	0.06	0.05	0.05	0.05	0.05	0.08	0.55
51.0	0.11	0.14	0.20	0.23	0.26	0.20	0.19	0.19	0.18	0.17	1.86
52.0	0.19	0.27	0.28	0.24	0.17	0.24	0.24	0.23	0.18	0.23	2.27
53.0	0.30	0.34	0.22	0.35	0.26	0.28	0.20	0.21	0.27	0.28	2.71
54.0	0.29	0.37	0.35	0.45	0.44	0.38	0.38	0.41	0.37	0.36	3.80
55.0	0.53	0.40	0.65	0.48	0.41	0.35	0.31	0.38	0.37	0.37	4.25
56.0	0.31	0.42	0.70	0.50	0.50	0.54	0.40	0.35	0.41	0.49	4.61
57.0	0.55	0.56	0.92	0.81	0.95	0.81	0.84	0.78	0.65	0.69	7.56
58.0	0.78	0.89	0.82	0.82	0.85	0.92	1.05	1.03	1.10	1.18	9.43
59.0	1.20	0.99	1.03	1.05	0.95	1.15	1.08	0.90	0.90	1.04	10.29
60.0	1.09	1.17	1.23	1.23	1.20	1.15	1.09	1.21	1.17	1.27	11.82
61.0	1.33	1.01	0.90	0.83	1.10	1.24	1.17	1.09	1.04	1.05	10.77
62.0	1.08	1.29	1.23	0.99	1.02	1.09	0.85	0.98	0.89	1.04	10.45
63.0	0.99	0.90	0.78	0.73	0.78	0.74	0.46	0.40	0.55	0.73	7.06
64.0	0.62	0.54	0.44	0.40	0.35	0.35	0.46	0.35	0.35	0.37	4.24
65.0	0.40	0.34	0.36	0.32	0.26	0.21	0.24	0.28	0.30	0.38	3.10
66.0	0.26	0.19	0.24	0.22	0.24	0.28	0.17	0.10	0.09	0.12	1.92
67.0	0.06	0.05	0.06	0.05	0.06	0.10	0.04	0.04	0.04	0.06	0.55
68.0	0.03	0.03	0.03	0.03	0.06	0.03	0.03	0.03	0.03	0.03	0.33
69.0	0.02	0.04	0.06	0.03	0.01	0.02	0.02	0.02	0.01	0.02	0.26
70.0	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.21
71.0	0.02	0.03	0.03	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.19
72.0	0.02	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.01	0.01	0.18
73.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.09
74.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.12
75.0	0.01	0.02	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.07
76.0	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.04
77.0	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.04
78.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
79.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
81.0	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.05
82.0	0.01	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.05
83.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.06
84.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
85.0	0.00	0.00	0.00	0.01	0.00	0.01	0.02	0.01	0.01	0.01	0.07
86.0	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.00	0.00	0.00	0.06

## Logged Data Chart



# Construction Noise Impact Analysis

noah tanski environmental consulting

Equipment: Excavator  
Reference Noise Level  
76.7

## UNMITIGATED

Receptor	Distance	Monitored Noise Level	Construction Noise Level	Existing Attenuation	Combined Noise Level	Increase	Significant?
1. 4949 Genesta Avenue Residences	10	58.9	76.7	0	76.8	17.9	Yes
2. Encino Park	60	58.9	75.1	0	75.2	16.3	Yes
3. Encino Charter Elementary School	335	58.9	55.7	4.5	60.6	1.7	No
4. Amestoy Avenue Residences	70	66.8	68.8	5	70.9	4.1	No
5. Addison Street Residences	30	66.8	76.7	0	77.1	10.3	Yes
6. Oak Park Avenue Residences	300	64	56.7	4.5	64.7	0.7	No
-	-	-	-	-	-	-	-

## MITIGATED

Receptor	Distance	Monitored Noise Level	Mitigated Construction Noise Level	Existing Attenuation	Combined Noise Level	Increase	Significant?
1. 4949 Genesta Avenue Residences	10	58.9	61.7	0	63.5	4.6	No
2. Encino Park	60	58.9	60.1	0	62.6	3.7	No
5. Addison Street Residences	30	66.8	61.7	0	68	1.2	No

# Vibration Impact Analysis

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## Construction Vibration - PPV

Ground Factor (N):	1.5
Equipment:	Large Dozer or Auger Drill
Equipment PPV (in/sec):	0.089
Reference Distance (ft):	25

### ***Unmitigated***

Receptor	Distance (ft)	Vibration Level (in/sec PPV)
4949 Genesta Ave. - Residential	5	0.995
4917 Genesta Ave. - Commercial	35	0.054
17000-17015 Ventura Blvd. - Commercial	3	2.141
17035-17039 Ventura Blvd. - Commercial	3	2.141
5030 Amestoy Ave. - Residential	70	0.019

### ***Mitigated***

Ground Factor (N):	1.5
Equipment:	Large Dozer
Equipment PPV (in/sec):	0.089
Reference Distance (ft):	25

Receptor	Distance (ft)	Vibration Level (in/sec PPV)
4949 Genesta Ave. - Residential	8	0.492
4917 Genesta Ave. - Commercial	35	0.054
17000-17015 Ventura Blvd. - Commercial	8	0.492
17035-17039 Ventura Blvd. - Commercial	8	0.492
5030 Amestoy Ave. - Residential	70	0.019

# Residential Traffic Noise Analysis

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Roadway	Existing Daily Traffic	Future Without Project	Daily Project Traffic	Existing With Project Traffic	Future With Project Traffic	Existing With Project 24-hr Increase (dBA)	Future With Project 24-hr Increase (dBA)
Magnolia Blvd., west of Balboa Blvd.	6064	6245	182	6246	6427	0.1	0.3
Otsego St., west of Balboa Blvd.	1383	1424	85	1468	1509	0.3	0.4
Addison St., west of Balboa Blvd.	1575	1622	85	1660	1707	0.2	0.3
Amstoy Ave., south of Addison St.	3081	3173	176	3257	3349	0.2	0.4
Amestoy Ave., south of Magnolia Blvd.	3030	3151	91	3121	3242	0.1	0.3
Genesta Ave., south of Addison St.	1735	1787	176	1911	1963	0.4	0.5
Genesta Ave., south of Magnolia Blvd.	1443	1501	91	1534	1592	0.3	0.4
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

## RESULTS: SOUND LEVELS

## Park Pointe

NTec  
Noah Tanski

18 March 2019  
TNM 2.5  
Calculated with TNM 2.5

## RESULTS: SOUND LEVELS

PROJECT/CONTRACT: Park Pointe  
RUN: 20 Haul Trucks per Hour  
BARRIER DESIGN: INPUT HEIGHTS  
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver	Name	No.	#DUs	Existing				No Barrier			With Barrier				Calculated minus Goal
				LAEQ1h	LAEQ1h	Calculated	Crit'n	Calculated	Crit'n	Sub'l Inc	Type	Calculated	Noise Reduction	Calculated	
				dBA	dBA			dBA	dB	dB	dBA	dB	dB	dB	
65ft from centerline	1	1	1	0.0	58.2	66	58.2	10	----	58.2	0.0	8	-8.0		
75ft from centerline	2	1	1	0.0	57.3	66	57.3	10	----	57.3	0.0	8	-8.0		
60ft from centerline	3	1	1	0.0	58.7	66	58.7	10	----	58.7	0.0	8	-8.0		
Dwelling Units		# DUs	Noise Reduction			Min	Avg	Max							
			dB	dB	dB										
All Selected		3	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										