
APPENDIX H

AMBIENT NOISE MEASUREMENT DATA



Noise Measurement Report Form - Part A

Date: 12/5/23 Day of Week: Tuesday Time: 10:43 Project Number: FZ37

Monitoring Segment / Area: 1 Monitoring Site Address: 4600 Crestmore Road

Measurement Taken By: Patricia Haigh of UltraSystems Environmental

Average Wind Speed: 3.3 mph [km/hr] Compass Heading (meter \perp to source) 24°NE

Temp: 74.2 °F Relative Humidity: 31.4 % Compass Heading (into wind) 51°NE

Cloud Cover Class (1 = heavy overcast, 2 = lightly overcast, 3 = sunny) 3

Approximate distance of sound level meter from receptor location: 19 feet

Approximate distance of sound level meter from construction site: _____
(Leave Blank for Baseline Ambient)

Receptor Land Use (Check One): Residential Institutional Comm./Ind. Recreational

Sound Level Meter: Make and Model: Quest SoundPro DL-1-1/3 Serial Number: BLH080004

Meter Setting: A-Weighted Sound Level (SLOW) A-Weighted Sound Level (FAST)

Measurement Start Time: 10:43 Measurement End Time: 10:58

Total Measurement Time: 15 min Session File Name (e.g., S012): S002

Check the measurement purpose:

Baseline condition Ongoing construction Caltrans Complaint response

Measurement Results

Measurement Type	Measured Levels (dB)	
Calibration	Pre: <u>114.0</u>	Post: <u>113.8</u>
L _{eq} (h)	Slow: <u>49.5</u>	Fast: _____
L _{max}	Slow: <u>61.9</u>	Fast: _____
L ₉₀	Slow: <u>43.9</u>	Fast: _____

Field Notes:

1. water filter from nearby Pond ~50 feet away
2. Airplane at 1052
3. _____

Noise Monitor's Signature: Patricia Haigh

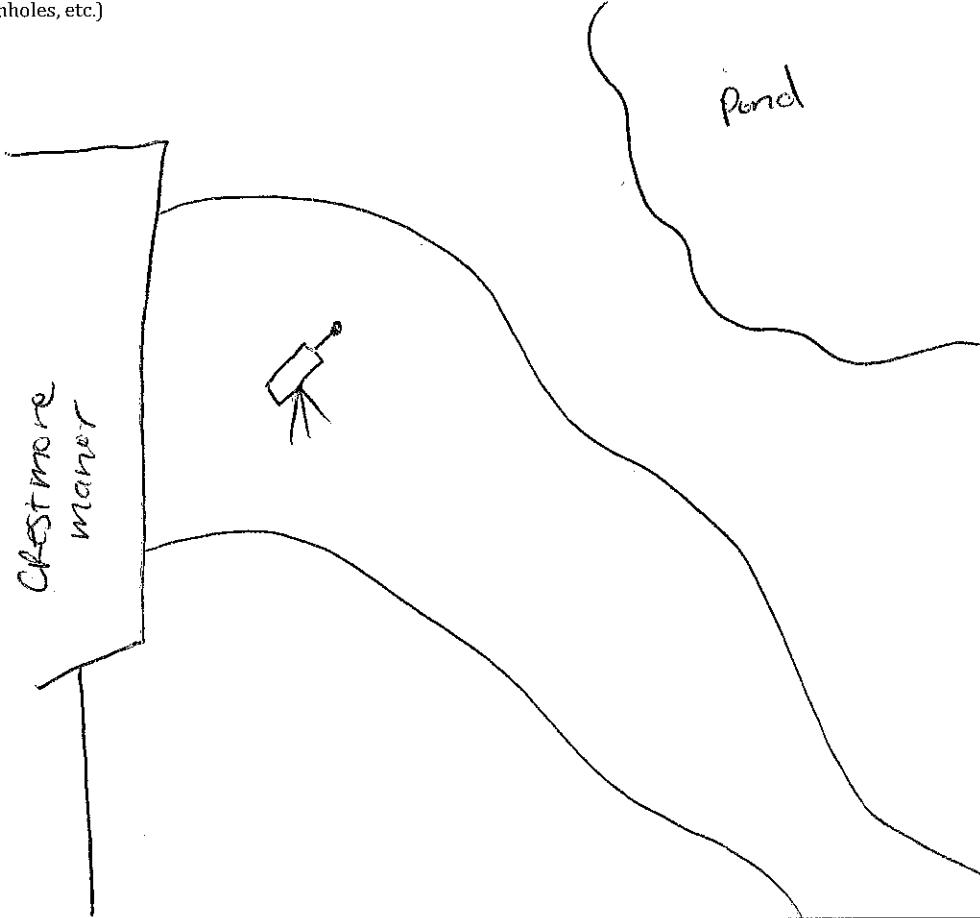
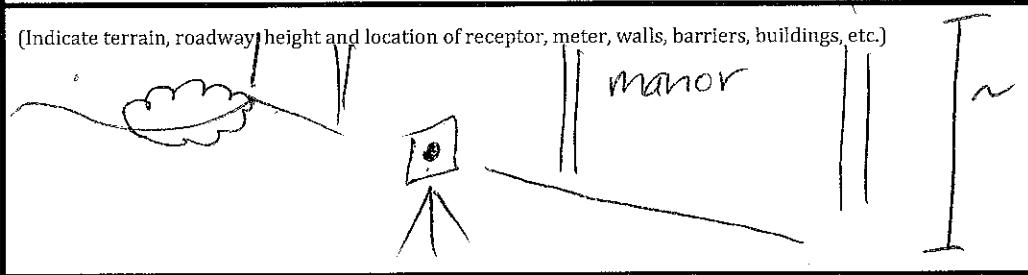
Date: 12/5/2023



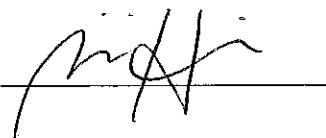
Noise Measurement Report Form - Part B

Date: 12/5/2023 Day of Week: Tuesday Time: 10:43 Project Number: 7237
Monitoring Segment / Area: 1 Monitoring Site Address: 4600 Crestmore Road

Site Map

Plan View  North Arrow (fill-in)	<p>(Indicate site location, receptor location, meter location, distance in feet to landmarks, roadways, travel lane directions, geographical objects: trees, water, buildings, signs, store names, hydrants, power & telephone lines, manholes, etc.)</p> 	
Elevation View	<p>(Indicate terrain, roadway height and location of receptor, meter, walls, barriers, buildings, etc.)</p> 	
Latitude: <u>33.981525°</u>	Longitude: <u>-117.409433°</u>	Elevation: <u>750 ft</u>

Noise Monitor's Signature:



Date: 12/5/2023

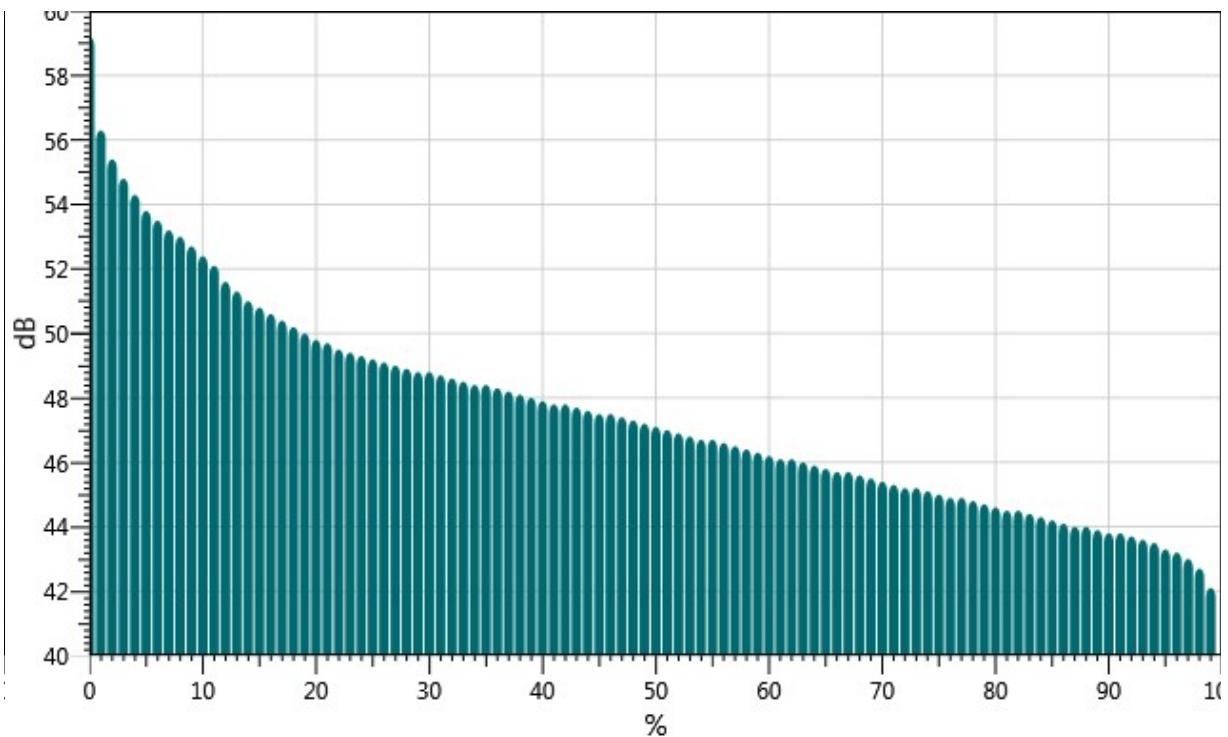
55:	0.19	0.17	0.12	0.12	0.16	0.14	0.17	0.14	0.14	0.11	1.46
56:	0.12	0.08	0.06	0.05	0.06	0.05	0.08	0.10	0.07	0.08	0.75
57:	0.03	0.05	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.28
58:	0.03	0.02	0.03	0.04	0.03	0.03	0.02	0.02	0.04	0.02	0.27
59:	0.01	0.01	0.03	0.03	0.03	0.02	0.04	0.04	0.10	0.08	0.39
60:	0.07	0.10	0.04	0.03	0.04	0.03	0.03	0.03	0.04	0.05	0.46
61:	0.05	0.02	0.05	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.22

Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		59.2	56.3	55.4	54.8	54.3	53.8	53.5	53.2	53.0
10%:	52.7	52.4	52.1	51.6	51.3	51.0	50.8	50.6	50.4	50.2
20%:	50.0	49.8	49.7	49.5	49.4	49.3	49.2	49.1	49.0	48.9
30%:	48.8	48.8	48.7	48.6	48.5	48.4	48.4	48.3	48.2	48.1
40%:	48.0	47.9	47.8	47.8	47.7	47.6	47.5	47.5	47.4	47.3
50%:	47.2	47.1	47.0	46.9	46.8	46.7	46.7	46.6	46.5	46.4
60%:	46.3	46.2	46.1	46.1	46.0	45.9	45.8	45.7	45.7	45.6
70%:	45.5	45.4	45.3	45.2	45.2	45.1	45.0	44.9	44.9	44.8
80%:	44.7	44.6	44.5	44.5	44.4	44.3	44.2	44.1	44.0	44.0
90%:	43.9	43.8	43.8	43.7	43.6	43.5	43.3	43.2	43.0	42.7
100%:	42.1									

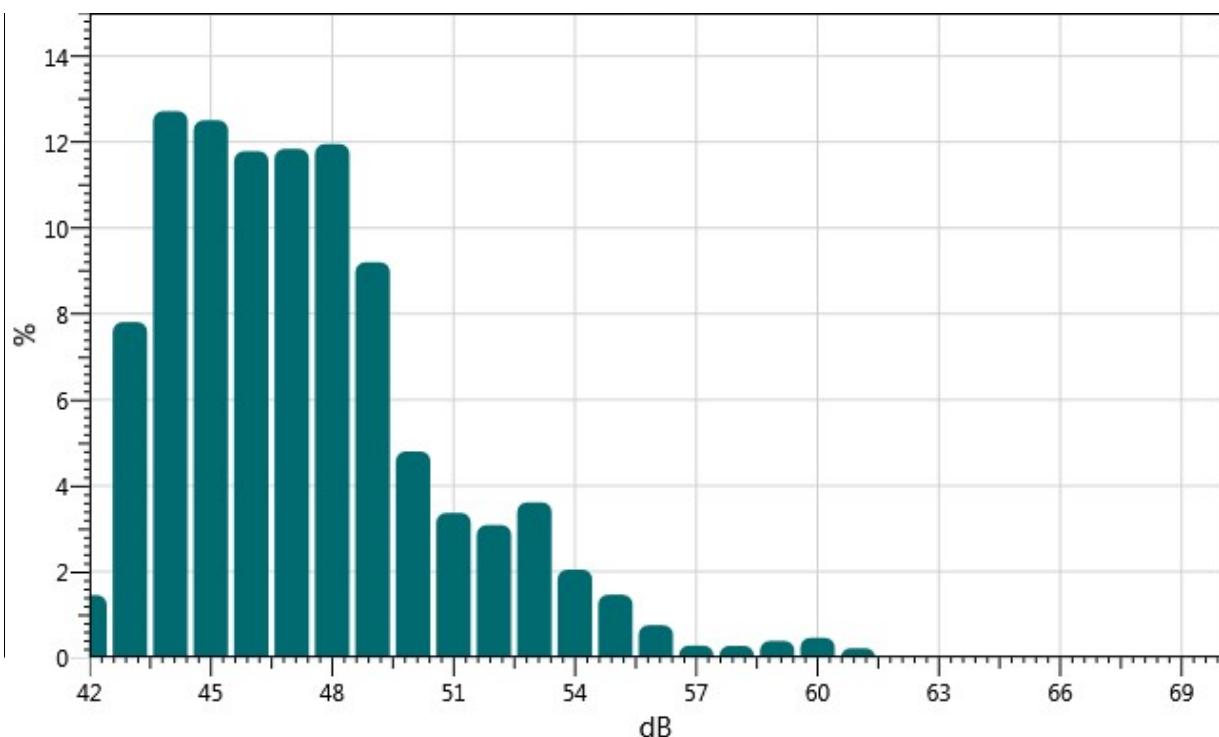
Exceedance Chart

S001_BLH080004_05122023_150701: Exceedance Chart



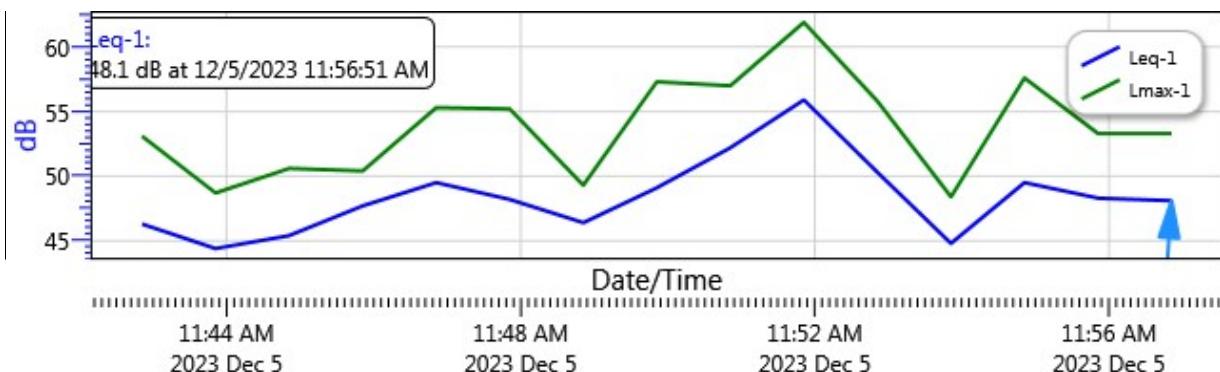
Statistics Chart

S001_BLH080004_05122023_150701: Statistics Chart



Logged Data Chart

S001_BLH080004_05122023_150701: Logged Data Chart





Noise Measurement Report Form - Part A

Date: 12/5/2023 Day of Week: Tuesday Time: 11:22 Project Number: 7237

Monitoring Segment / Area: 2 Monitoring Site Address: 4600 Crestmore Road

Measurement Taken By: Patricia Haigh of UltraSystems Environmental

Average Wind Speed: 1.7 mph [km/hr] Compass Heading (meter \perp to source) 10°N

Temp: 78.6 °F Relative Humidity 32.4 % Compass Heading (into wind) 68°E

Cloud Cover Class (1 = heavy overcast, 2 = lightly overcast, 3 = sunny) 3

Approximate distance of sound level meter from receptor location: 38 feet

Approximate distance of sound level meter from construction site: _____
(Leave Blank for Baseline Ambient)

Receptor Land Use (Check One): Residential Institutional Comm./Ind. Recreational

Sound Level Meter: Make and Model: Quest SoundPro DL-1-1/3 Serial Number: BLH080004

Meter Setting: A-Weighted Sound Level (SLOW) A-Weighted Sound Level (FAST)

Measurement Start Time: 11:22 Measurement End Time: 11:37

Total Measurement Time: 15 min Session File Name (e.g., S012): S002

Check the measurement purpose:

Baseline condition Ongoing construction Caltrans Complaint response

Measurement Results

Measurement Type	Measured Levels (dB)	
Calibration	Pre: <u>114.0</u>	Post: <u>113.9</u>
L _{eq} (h)	Slow: <u>43.6</u>	Fast: _____
L _{max}	Slow: <u>59</u>	Fast: _____
L ₉₀	Slow: <u>38.9</u>	Fast: _____

Field Notes:

1. Door Slam at 11:26 and 11:31
2. _____
3. _____

Noise Monitor's Signature:

Date: 12/5/2023

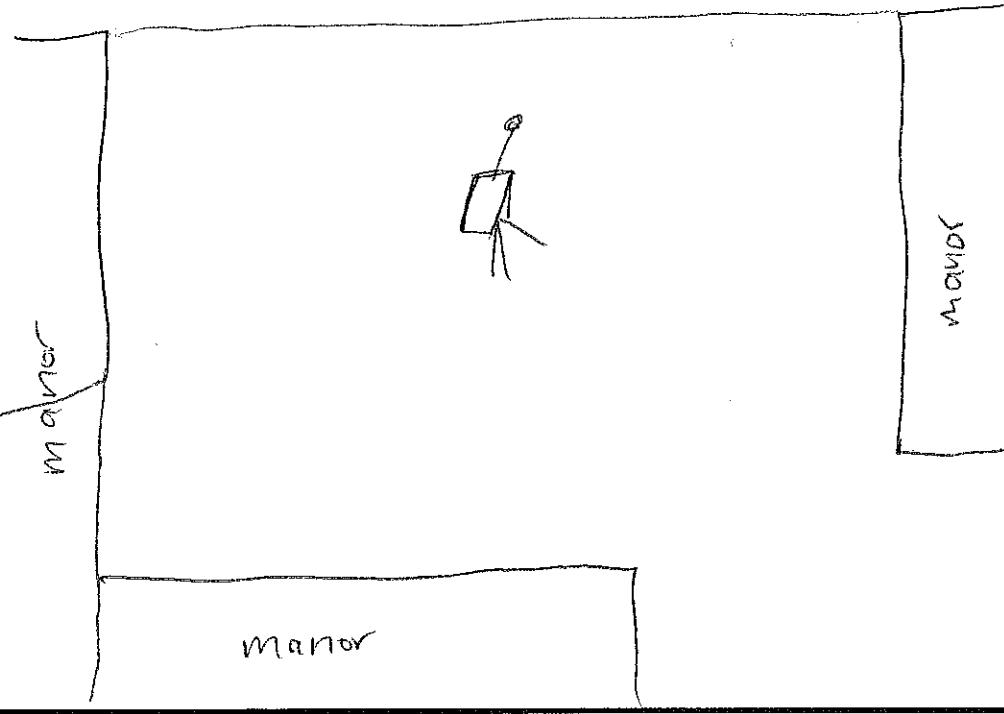
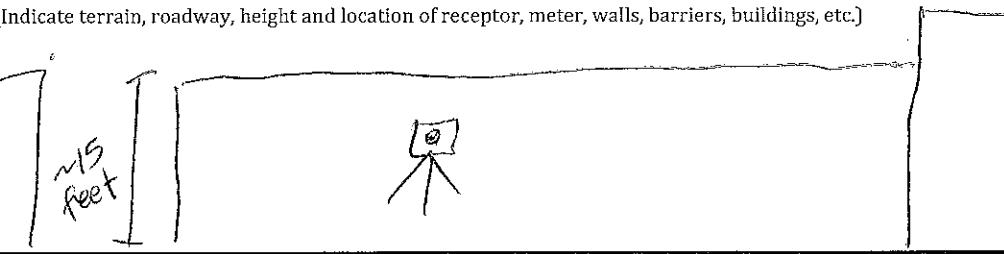


Noise Measurement Report Form - Part B

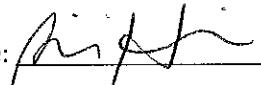
Date: 12/5/2023 Day of Week: Tuesday Time: 1122 Project Number: 7237

Monitoring Segment / Area: 2 Monitoring Site Address: 4600 Crestmore Road

Site Map

<p>Plan View</p>  <p>North Arrow (fill-in)</p>	<p>(Indicate site location, receptor location, meter location, distance in feet to landmarks, roadways, travel lane directions, geographical objects: trees, water, buildings, signs, store names, hydrants, power & telephone lines, manholes, etc.)</p> <p>Grass</p> 	
<p>Elevation View</p>	<p>(Indicate terrain, roadway, height and location of receptor, meter, walls, barriers, buildings, etc.)</p> 	
Latitude: <u>33.981430°</u>	Longitude: <u>-117.409906°</u>	Elevation: <u>750</u>

Noise Monitor's Signature:



Date: 12/5/2023

Session Report

12/5/2023

Information Panel

Name	S002_BLH080004_05122023_150714
Start Time	12/5/2023 12:20:49 PM
Stop Time	12/5/2023 12:35:49 PM
Device Name	BLH080004
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

Summary Data Panel

<u>Description</u>	<u>Meter</u>	<u>Value</u>	<u>Description</u>	<u>Meter</u>	<u>Value</u>
Leq	1	43.6 dB	L90	1	38.9 dB
Lmax	1	59 dB	Lmin	1	37.3 dB
Exchange Rate	1	3 dB	Weighting	1	A
Response	1	SLOW	Bandwidth	1	OFF
Exchange Rate	2	3 dB	Weighting	2	C
Response	2	FAST			

Statistics Table

dB:	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	%
37:	0.00	0.00	0.00	0.05	0.04	0.03	0.07	0.06	0.08	0.15	0.47
38:	0.17	0.18	0.37	0.55	0.75	0.88	1.16	1.01	1.50	1.72	8.29
39:	1.80	1.39	2.13	2.26	1.99	1.84	1.59	1.80	1.76	1.90	18.45
40:	1.59	1.47	1.19	1.27	1.38	1.13	1.11	1.10	0.92	1.13	12.28
41:	0.96	1.48	1.64	1.69	1.82	1.84	1.90	1.74	1.58	1.42	16.08
42:	1.55	1.01	0.97	1.02	0.96	1.11	1.03	0.90	0.84	0.88	10.27
43:	0.87	0.79	0.94	0.82	1.07	1.05	0.89	1.02	1.19	0.87	9.51
44:	0.81	0.71	0.63	0.59	0.53	0.58	0.66	0.59	0.61	0.73	6.45
45:	0.82	0.77	0.72	0.60	0.66	0.60	0.61	0.57	0.59	0.63	6.58
46:	0.61	0.51	0.53	0.57	0.52	0.47	0.36	0.25	0.22	0.23	4.27
47:	0.18	0.20	0.26	0.23	0.22	0.21	0.20	0.16	0.16	0.20	2.02
48:	0.21	0.18	0.13	0.18	0.22	0.24	0.23	0.23	0.23	0.19	2.03
49:	0.18	0.17	0.16	0.16	0.13	0.10	0.11	0.14	0.15	0.16	1.46

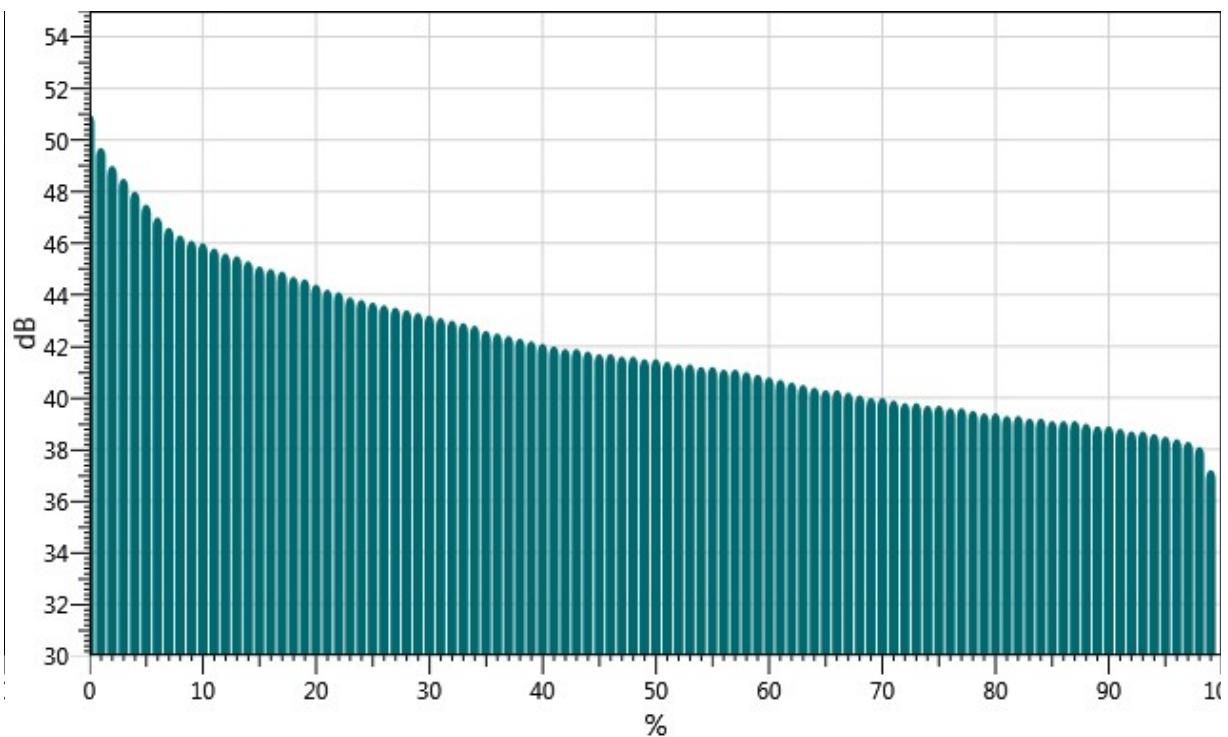
50:	0.10	0.08	0.06	0.06	0.08	0.08	0.07	0.06	0.06	0.09	0.73
51:	0.07	0.05	0.01	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.31
52:	0.01	0.01	0.01	0.02	0.03	0.04	0.02	0.02	0.02	0.02	0.20
53:	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.01	0.02	0.16
54:	0.01	0.02	0.01	0.03	0.02	0.01	0.02	0.02	0.02	0.02	0.18
55:	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.12
56:	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.07
57:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
58:	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
59:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		51.0	49.7	49.0	48.5	48.0	47.5	47.0	46.6	46.3
10%:	46.1	46.0	45.8	45.6	45.5	45.3	45.1	45.0	44.9	44.7
20%:	44.6	44.4	44.2	44.1	43.9	43.8	43.7	43.6	43.5	43.4
30%:	43.3	43.2	43.1	43.0	42.9	42.8	42.6	42.5	42.4	42.3
40%:	42.2	42.1	42.0	41.9	41.9	41.8	41.7	41.7	41.6	41.6
50%:	41.5	41.5	41.4	41.3	41.3	41.2	41.2	41.1	41.1	41.0
60%:	40.9	40.8	40.7	40.6	40.5	40.4	40.3	40.3	40.2	40.1
70%:	40.0	40.0	39.9	39.8	39.8	39.7	39.7	39.6	39.6	39.5
80%:	39.4	39.4	39.3	39.3	39.2	39.2	39.1	39.1	39.1	39.0
90%:	38.9	38.9	38.8	38.7	38.7	38.6	38.5	38.4	38.3	38.1
100%:	37.2									

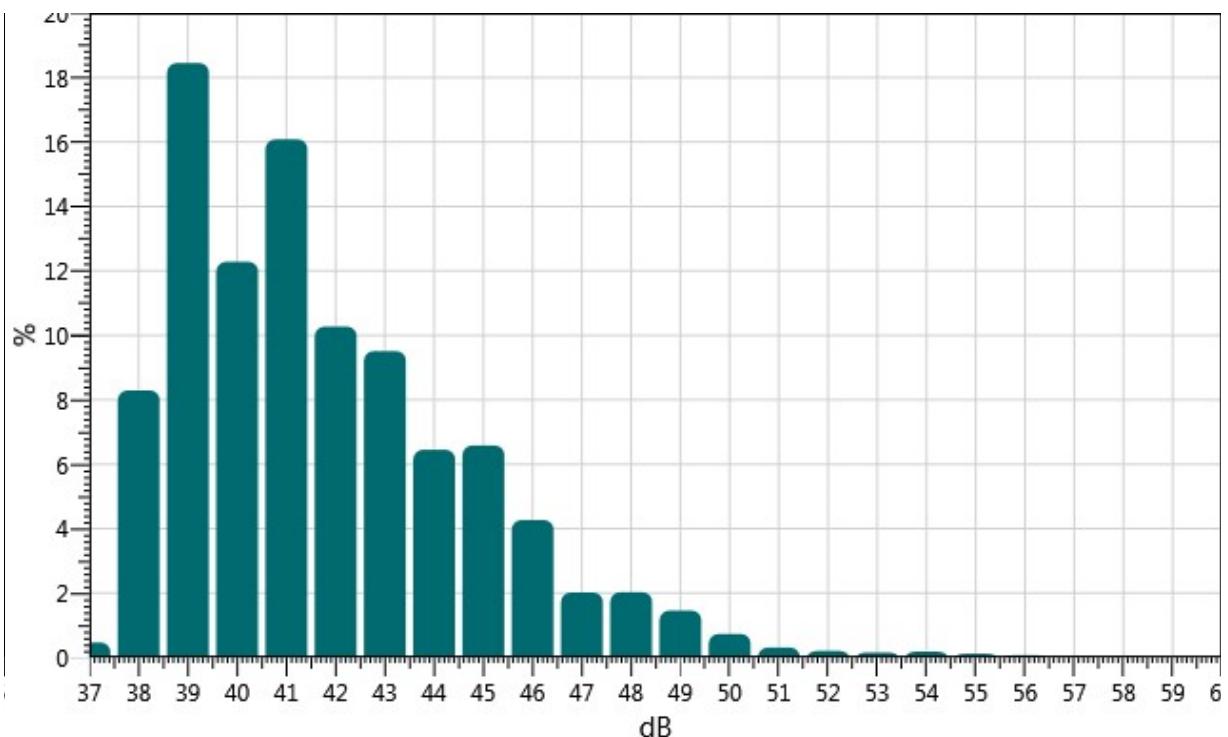
Exceedance Chart

S002_BLH080004_05122023_150714: Exceedance Chart



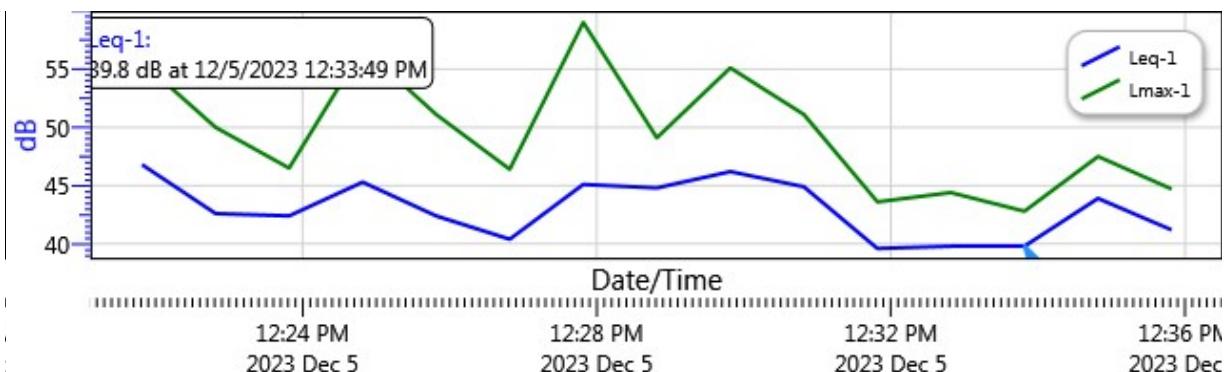
Statistics Chart

S002_BLH080004_05122023_150714: Statistics Chart



Logged Data Chart

S002_BLH080004_05122023_150714: Logged Data Chart





Noise Measurement Report Form - Part A

Date: 12/15/2023 Day of Week: Tuesday Time: 12:50 Project Number: 7237

Monitoring Segment / Area: 3 Monitoring Site Address: 4600 Crestmore Road

Measurement Taken By: Patricia Haigh of UltraSystems Environmental

Average Wind Speed: 3 mph [km/hr] Compass Heading (meter ⊥ to source) 43° NE

Temp: 82.4 °F Relative Humidity: 26.3 % Compass Heading (into wind) 322° NW

Cloud Cover Class (1 = heavy overcast, 2 = lightly overcast, 3 = sunny) 3

Approximate distance of sound level meter from receptor location: 0 ft

Approximate distance of sound level meter from construction site: _____
(Leave Blank for Baseline Ambient)

Receptor Land Use (Check One): Residential Institutional Comm./Ind. Recreational

Sound Level Meter: Make and Model: Quest SoundPro DL-1-1/3 Serial Number: BLH080004

Meter Setting: A-Weighted Sound Level (SLOW) A-Weighted Sound Level (FAST)

Measurement Start Time: 1250 Measurement End Time: 15 min 105

Total Measurement Time: 15 min Session File Name (e.g., S012): S003

Check the measurement purpose:

Baseline condition Ongoing construction Caltrans Complaint response

Measurement Results

Measurement Type	Measured Levels (dB)	
Calibration	Pre: <u>114.0</u>	Post: <u>114.0</u>
L _{eq} (h)	Slow: <u>47.4</u>	Fast: _____
L _{max}	Slow: <u>61.7</u>	Fast: _____
L ₉₀	Slow: <u>42.2</u>	Fast: _____

Field Notes:

1. Traffic noise along 46th/Crestmore Road
2. Plane at 1252
3. _____

Noise Monitor's Signature: Patricia Haigh

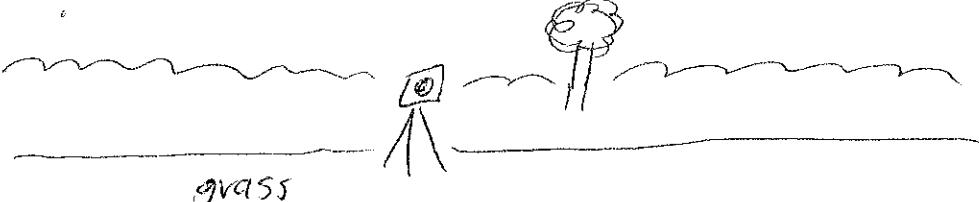
Date: 12/15/2023



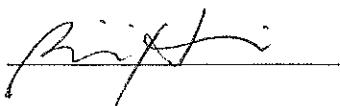
Noise Measurement Report Form - Part B

Date: 12/5/2023 Day of Week: Tuesday Time: 1250 Project Number: 7237
Monitoring Segment / Area: 3 Monitoring Site Address: 4800 Crestmore Road

Site Map

<p>Plan View</p>  <p>North Arrow (fill-in)</p>	<p>(Indicate site location, receptor location, meter location, distance in feet to landmarks, roadways, travel lane directions, geographical objects: trees, water, buildings, signs, store names, hydrants, power & telephone lines, manholes, etc.)</p> 	
<p>Elevation View</p>	<p>(Indicate terrain, roadway, height and location of receptor, meter, walls, barriers, buildings, etc.)</p> 	
Latitude: <u>33.981808°</u>	Longitude: <u>-117.411166°</u>	Elevation: <u>747 ft</u>

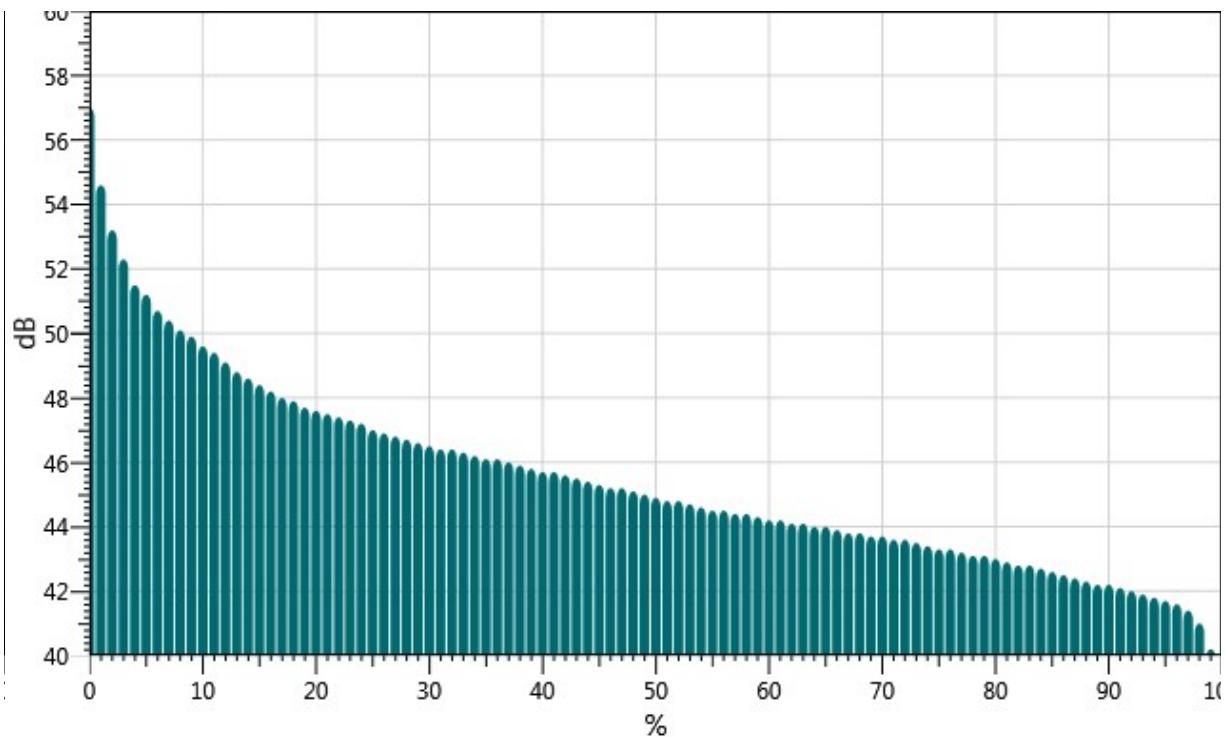
Noise Monitor's Signature:



Date: 12/5/2023

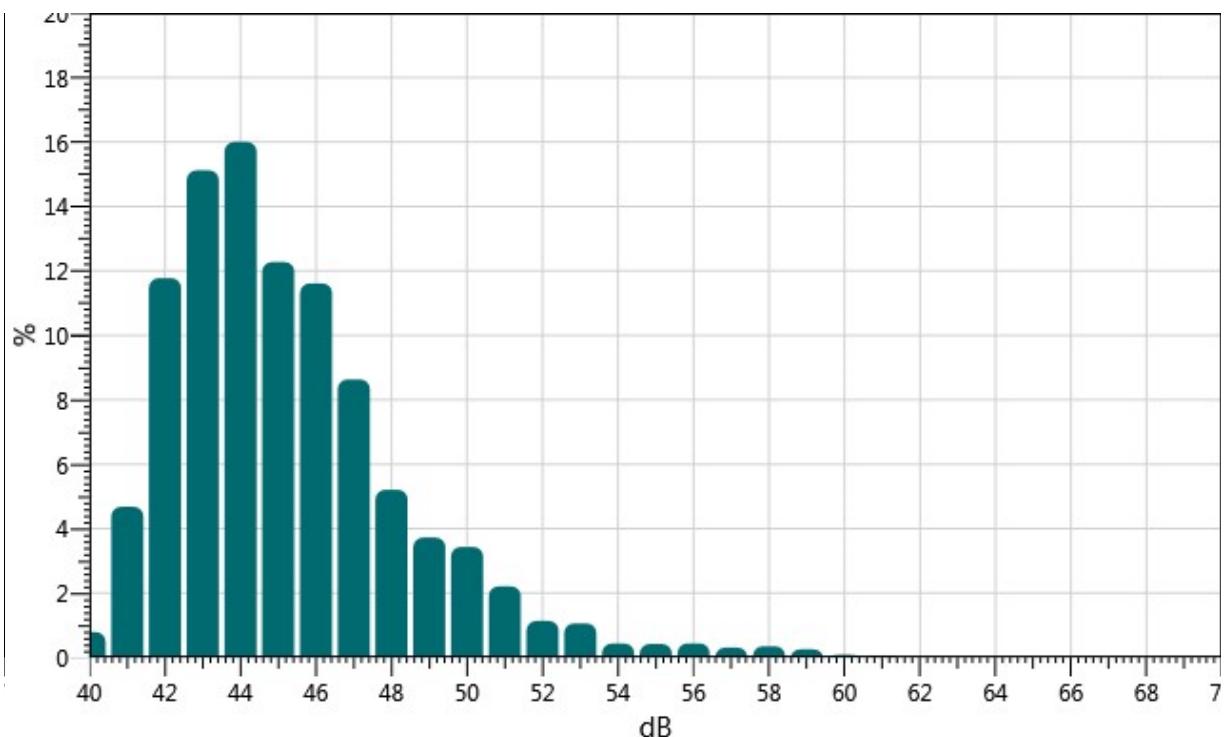
Exceedance Chart

S003_BLH080004_05122023_150723: Exceedance Chart



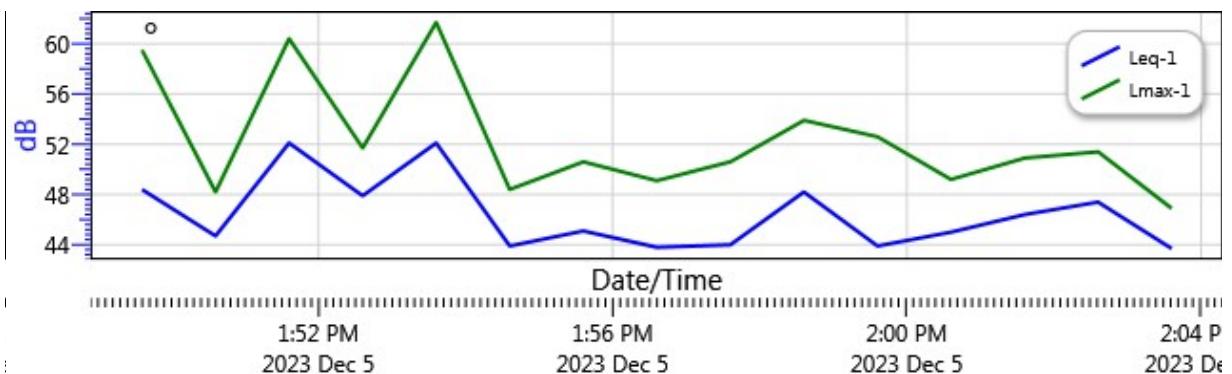
Statistics Chart

S003_BLH080004_05122023_150723: Statistics Chart



Logged Data Chart

S003_BLH080004_05122023_150723: Logged Data Chart





Noise Measurement Report Form - Part A

Date: 12/6/2023 Day of Week: Tuesday Time: 1324 Project Number: 7237

Monitoring Segment / Area: 4 Monitoring Site Address: 5220 Holstein Street

Measurement Taken By: Patricia Haigh of UltraSystems Environmental

Average Wind Speed: 1.6 mph [km/hr] Compass Heading (meter ⊥ to source) 188° S

Temp: 85.2 °F Relative Humidity: 27.1 % Compass Heading (into wind) 50° NE

Cloud Cover Class (1 = heavy overcast, 2 = lightly overcast, 3 = sunny) 3

Approximate distance of sound level meter from receptor location: 32 feet

Approximate distance of sound level meter from construction site: _____
(Leave Blank for Baseline Ambient)

Receptor Land Use (Check One): Residential Institutional Comm./Ind. Recreational

Sound Level Meter: Make and Model: Quest SoundPro DL-1-1/3 Serial Number: BLH080004

Meter Setting: A-Weighted Sound Level (SLOW) A-Weighted Sound Level (FAST)

Measurement Start Time: 1324 Measurement End Time: 1339

Total Measurement Time: 15 min Session File Name (e.g., S012): S004

Check the measurement purpose:

Baseline condition Ongoing construction Caltrans Complaint response

Measurement Results

Measurement Type	Measured Levels (dB)	
Calibration	Pre: <u>114.0</u>	Post: <u>114.0</u>
L _{eq} (h)	Slow: <u>66.5</u>	Fast: _____
L _{max}	Slow: <u>80.8</u>	Fast: _____
L ₉₀	Slow: <u>45.2</u>	Fast: _____

Field Notes:

- Traffic along Crestmore Road
- Dog barking 1329
- _____

Noise Monitor's Signature: Patricia Haigh Date: 12/6/2023

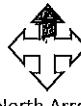
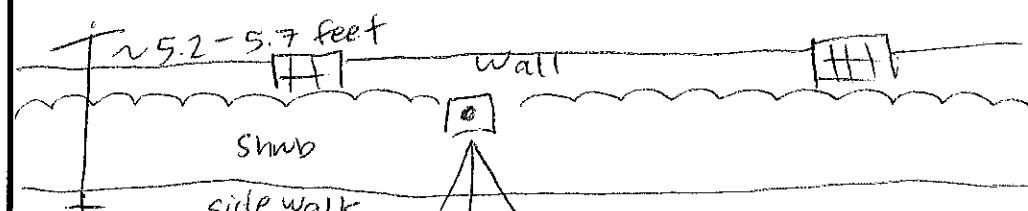


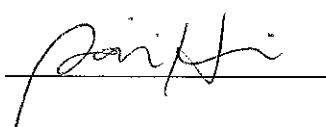
Noise Measurement Report Form - Part B

Date: 12/5/2023 Day of Week: Tuesday Time: 1324 Project Number: 7237

Monitoring Segment / Area: 4 Monitoring Site Address: 5220 Holstein Street

Site Map

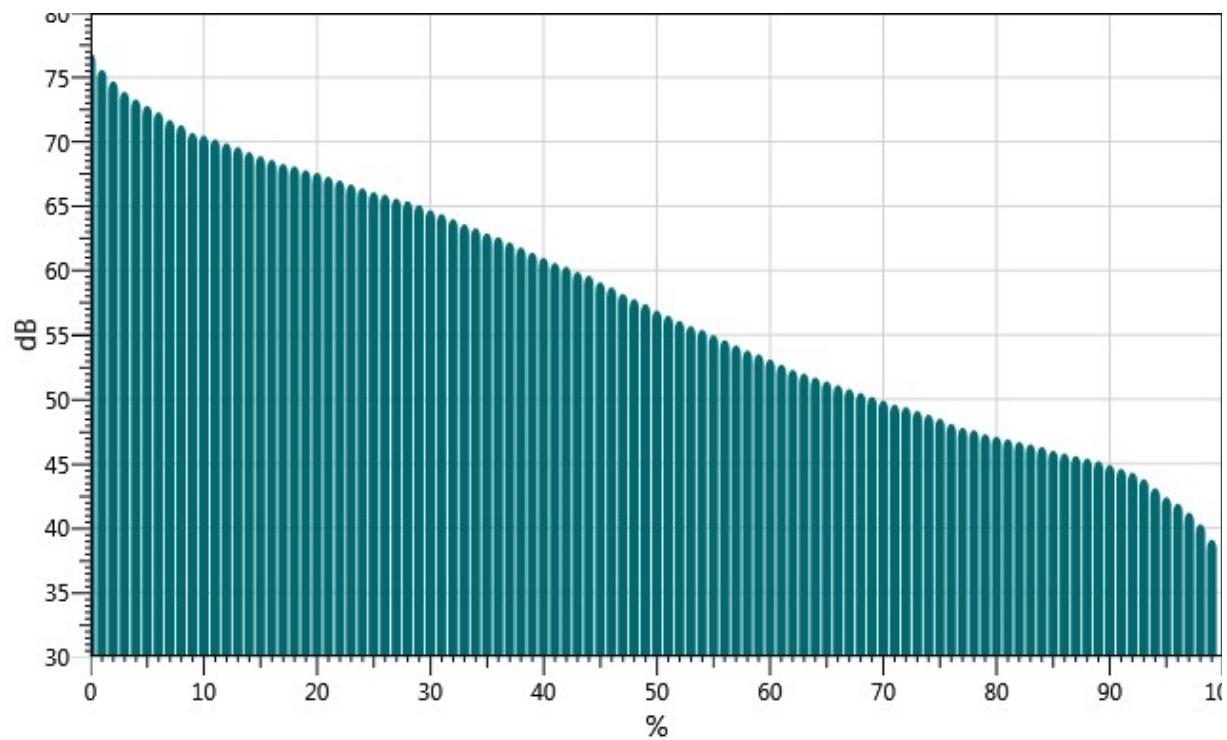
Plan View		
 North Arrow (fill-in)	(Indicate site location, receptor location, meter location, distance in feet to landmarks, roadways, travel lane directions, geographical objects: trees, water, buildings, signs, store names, hydrants, power & telephone lines, manholes, etc.) Multi-story single-family residence Single-story single-family Residence Multi-story single-family residence wall Road CRESTmore  - - - - -	
Elevation View	(Indicate terrain, roadway, height and location of receptor, meter, walls, barriers, buildings, etc.)  5.2-5.7 feet wall Shrub sidewalk meter	
Latitude: <u>33.982911°</u>	Longitude: <u>-117.407143°</u>	Elevation: <u>753 ft</u>

Noise Monitor's Signature:  Date: 12/5/2023

50%:	57.4	56.9	56.5	56.1	55.7	55.4	55.0	54.6	54.2	53.8
60%:	53.5	53.1	52.7	52.3	52.0	51.7	51.4	51.1	50.8	50.5
70%:	50.2	49.9	49.6	49.4	49.1	48.8	48.5	48.1	47.8	47.6
80%:	47.3	47.1	46.9	46.7	46.5	46.3	46.0	45.8	45.6	45.4
90%:	45.2	44.9	44.6	44.3	43.8	43.1	42.4	41.9	41.2	40.3
100%:	39.1									

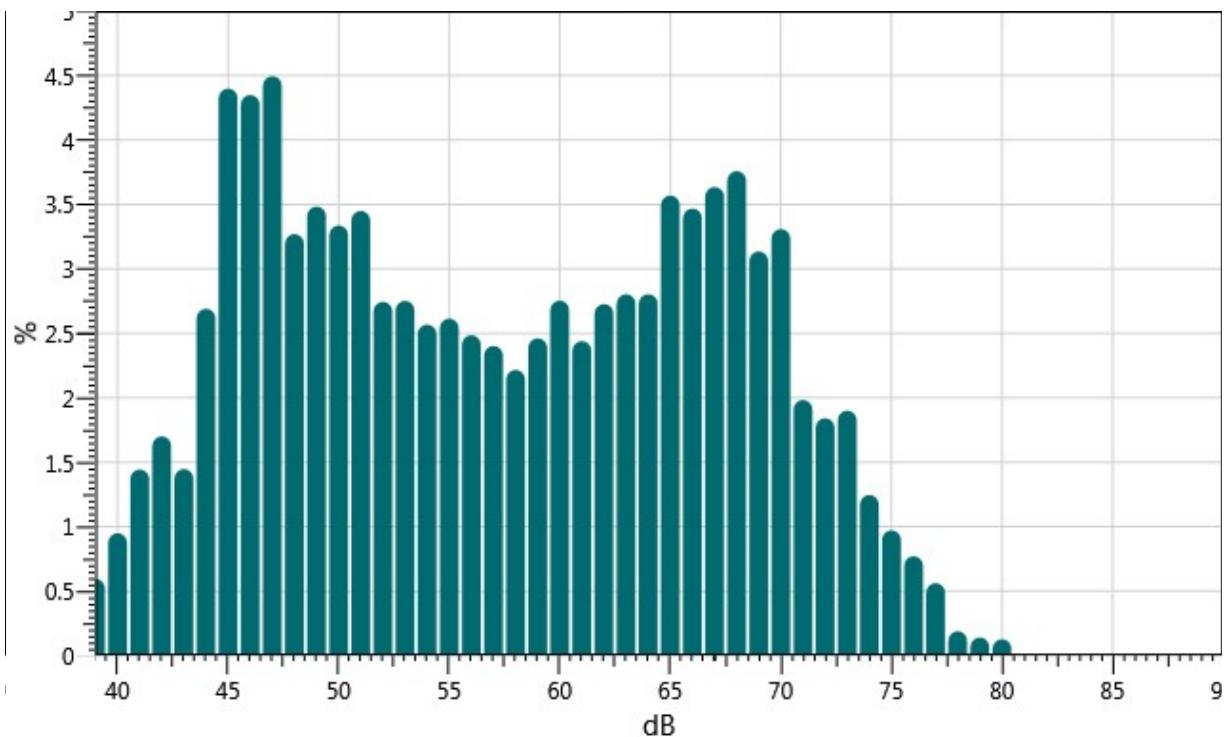
Exceedance Chart

S004_BLH080004_05122023_150731: Exceedance Chart



Statistics Chart

S004_BLH080004_05122023_150731: Statistics Chart



Logged Data Chart

S004_BLH080004_05122023_150731: Logged Data Chart

