APPENDIX F

AMBIENT NOISE MEASUREMENT DATA

UltraSystems
environmental | management | planning

16431 Scientific Way
Irvine, CA 92618
949.788.4900

Noise Measurement Report Form – Part A

Date: 8/7/24 Day of Week: Wednesday Time: 1302 Project Number: 7275

Monitoring Segment / Area: 1 Monitoring Site Address: 92 Linden Ln

Measurement Taken By: Amir Ayati of UltraSystems Environmental

Average Wind Speed: 1.4 mph [km/hr] Compass Heading (meter ⊥ to source) 193°S

Temp: 90.1 °F Relative Humidity: 47.2% Compass Heading (into wind) 273°W

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

Approximate distance of sound level meter from receptor location: 6 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: 1302 Measurement End Time: 1317

Total Measurement Time: 15min 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: 114.0 Post: 114.0
$L_{eq\ (h)}$	Slow: 53.2 Fast:
L_{max}	Slow: 65.0 Fast:
L_{90}	Slow: 48.2 Fast:

Field Notes:

1. Traffic noise along Linden Ln.
2. _____
3. _____

Noise Monitor's Signature: _____ Date: 8/7/24

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16431 Scientific Way
Irvine, CA 92618
949.788.4900

Noise Measurement Report Form – Part B

Date: 8/7/24 Day of Week: Wednesday Time: 1302 Project Number: 7275

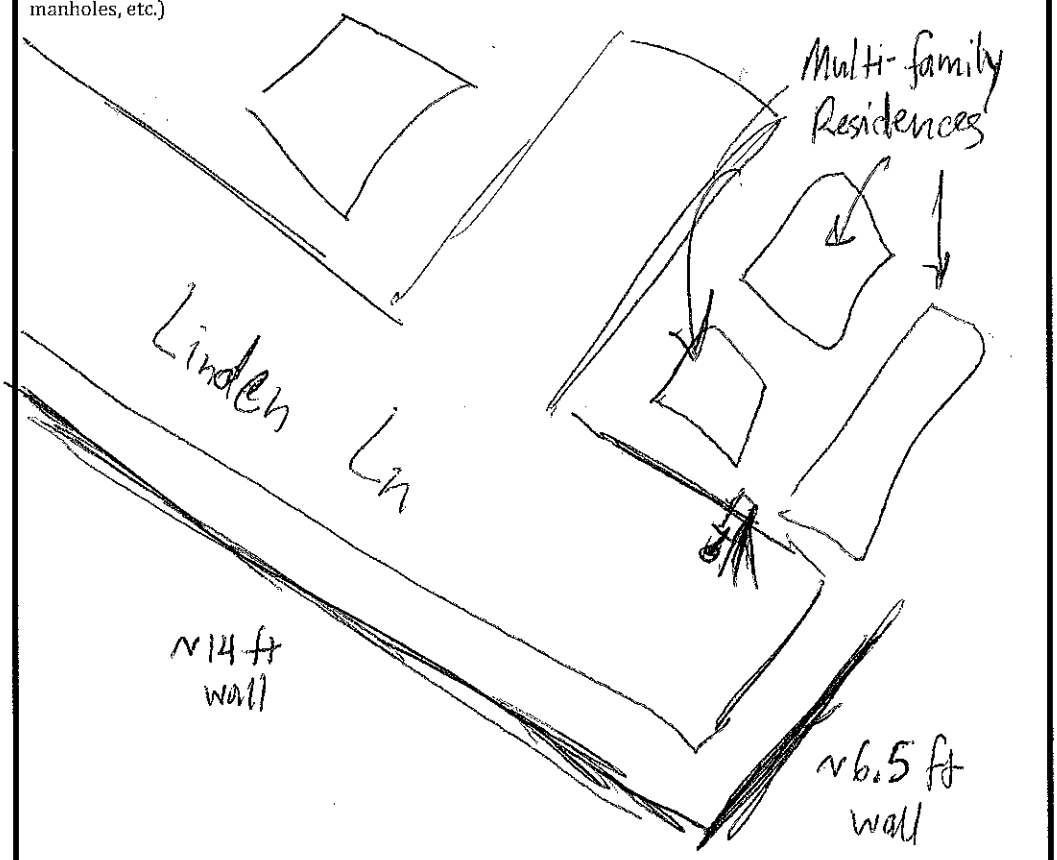
Monitoring Segment / Area: 1 Monitoring Site Address: 92 Linden Ln

Site Map

Plan View

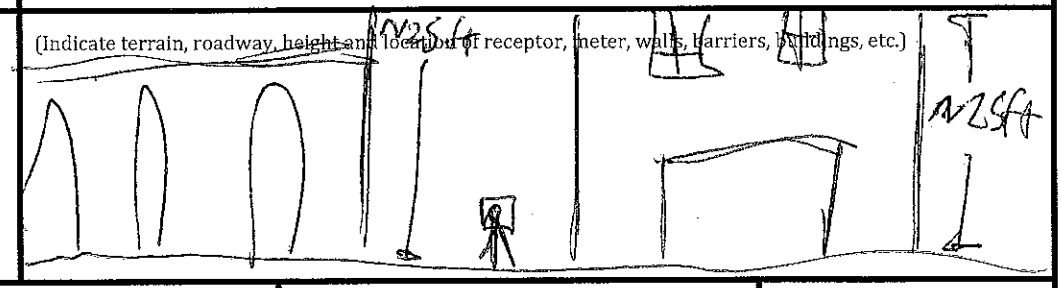
North Arrow (fill-in)

(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.)



Elevation View

(Indicate terrain, roadway, height and location of receptor, meter, walls, barriers, buildings, etc.)



Latitude: 34.085949°	Longitude: -118.058790°	Elevation: 305ft

Noise Monitor's Signature: _____ Date: 8/7/24

Session Report

8/7/2024

Information Panel

Name	S003_BLH080004_07082024_160633
Start Time	8/7/2024 12:58:06 PM
Stop Time	8/7/2024 1:13:06 PM
Device Name	BLH080004
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	53.2 dB	L90	1	48.2 dB
Lmax	1	65 dB	Lmin	1	47.5 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	%
47:	0.00	0.00	0.00	0.00	0.00	0.05	0.19	0.57	0.68	1.37	2.86
48:	1.51	2.42	1.88	2.45	2.29	1.95	2.18	2.76	2.33	2.48	22.26
49:	2.11	2.34	3.04	2.80	2.83	2.01	1.49	1.27	1.04	1.10	20.04
50:	1.30	0.95	0.84	0.84	0.91	0.59	0.70	0.41	0.50	0.45	7.49
51:	0.43	0.55	0.35	0.39	0.26	0.21	0.21	0.26	0.16	0.18	2.99
52:	0.18	0.26	0.15	0.14	0.13	0.15	0.15	0.15	0.15	0.21	1.67
53:	0.23	0.26	0.17	0.16	0.13	0.11	0.10	0.13	0.15	0.19	1.63
54:	0.17	0.37	0.68	2.41	2.82	3.22	4.32	3.79	4.13	3.69	25.61
55:	2.48	1.65	1.77	1.03	0.65	0.72	0.74	0.47	0.23	0.24	9.99
56:	0.26	0.29	0.21	0.15	0.17	0.18	0.22	0.14	0.10	0.13	1.85
57:	0.12	0.07	0.06	0.06	0.06	0.06	0.09	0.07	0.06	0.07	0.71
58:	0.07	0.06	0.05	0.06	0.05	0.03	0.04	0.04	0.04	0.05	0.48
59:	0.05	0.05	0.08	0.10	0.08	0.09	0.12	0.08	0.05	0.05	0.74

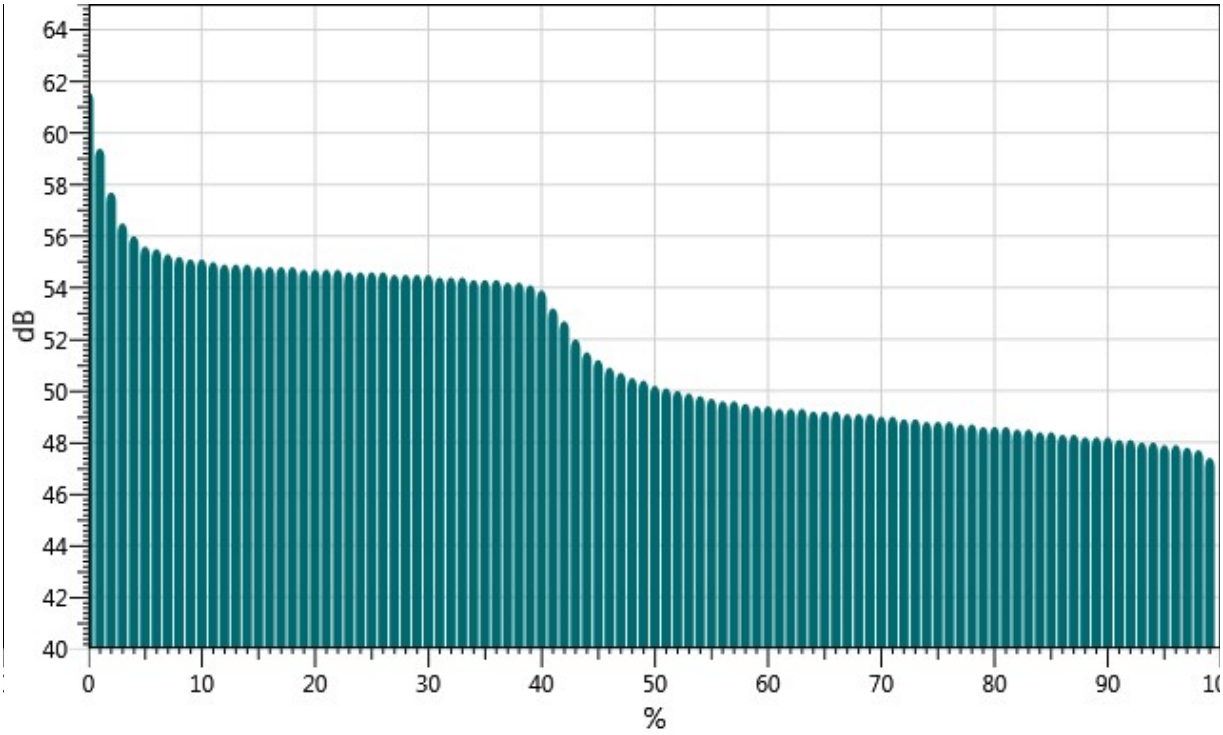
60:	0.05	0.06	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.36
61:	0.05	0.03	0.03	0.04	0.06	0.05	0.04	0.03	0.03	0.03	0.38
62:	0.05	0.03	0.06	0.05	0.03	0.01	0.02	0.02	0.04	0.05	0.35
63:	0.06	0.07	0.04	0.06	0.03	0.02	0.02	0.02	0.01	0.02	0.34
64:	0.02	0.07	0.03	0.01	0.01	0.03	0.02	0.01	0.01	0.01	0.21
65:	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		61.6	59.4	57.7	56.5	56.0	55.6	55.5	55.3	55.2
10%:	55.1	55.1	55.0	54.9	54.9	54.9	54.8	54.8	54.8	54.8
20%:	54.7	54.7	54.7	54.7	54.6	54.6	54.6	54.6	54.5	54.5
30%:	54.5	54.5	54.4	54.4	54.4	54.3	54.3	54.3	54.2	54.2
40%:	54.1	53.9	53.2	52.7	52.0	51.5	51.2	50.9	50.7	50.5
50%:	50.4	50.2	50.1	50.0	49.9	49.8	49.7	49.6	49.6	49.5
60%:	49.4	49.4	49.3	49.3	49.3	49.2	49.2	49.2	49.1	49.1
70%:	49.1	49.0	49.0	48.9	48.9	48.8	48.8	48.8	48.7	48.7
80%:	48.6	48.6	48.6	48.5	48.5	48.4	48.4	48.3	48.3	48.2
90%:	48.2	48.2	48.1	48.1	48.0	48.0	47.9	47.9	47.8	47.7
100%:	47.4									

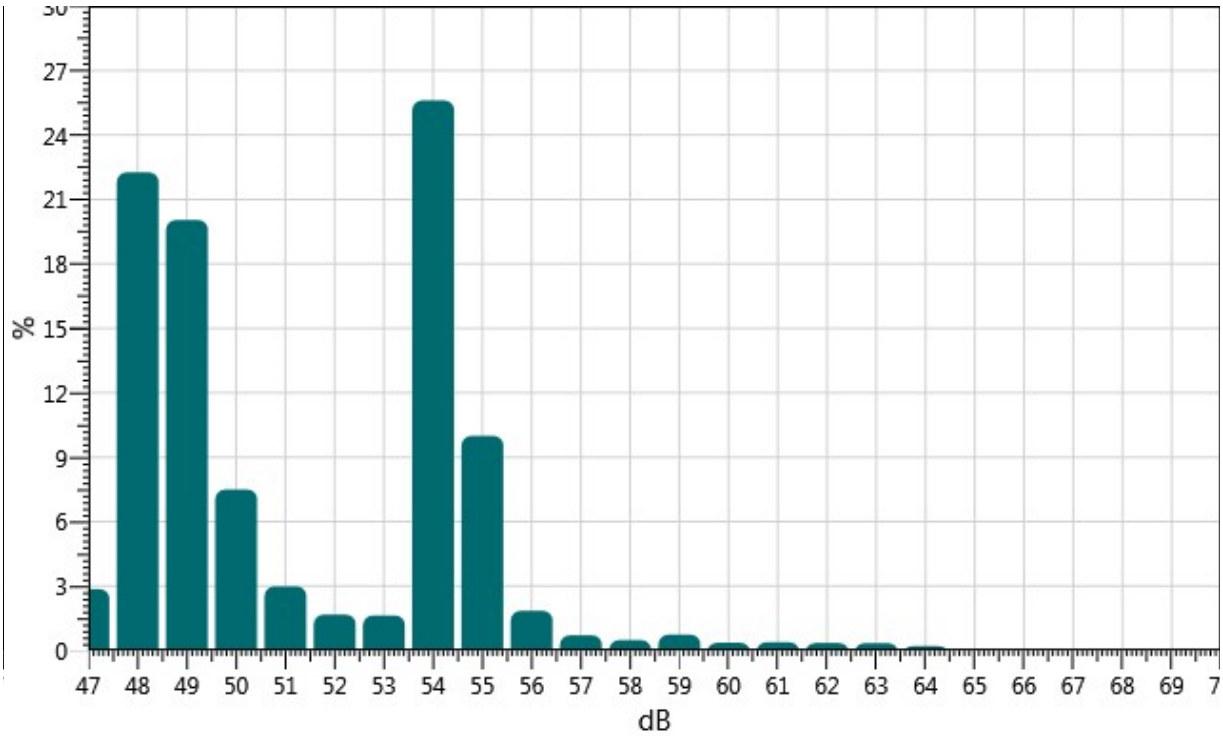
Exceedance Chart

S003_BLH080004_07082024_160633: Exceedance Chart



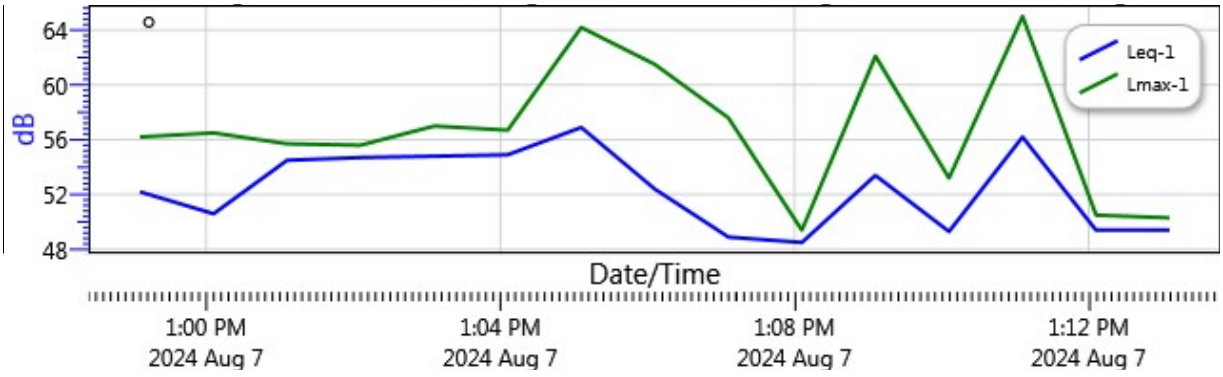
Statistics Chart

S003_BLH080004_07082024_160633: Statistics Chart



Logged Data Chart

S003_BLH080004_07082024_160633: Logged Data Chart



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Noise Measurement Report Form – Part A

Date: 8/7/24 Day of Week: Wednesday Time: 1337 Project Number: 7275

Monitoring Segment / Area: 2 Monitoring Site Address: 9603 Gidley St

Measurement Taken By: Amir Ayati of UltraSystems Environmental

Average Wind Speed: 3.2 mph [km/hr] Compass Heading (meter ⊥ to source) 159° S

Temp: 93.2 °F Relative Humidity: 45.9 % Compass Heading (into wind) 231° SW

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

Approximate distance of sound level meter from receptor location: 34 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: 1337 Measurement End Time: 1352

Total Measurement Time: 15min 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: 114.0 Post: 114.0
$L_{eq\ (h)}$	Slow: 56.5 Fast:
L_{max}	Slow: 78.5 Fast:
L_{90}	Slow: 47.9 Fast:

Field Notes:

1. Traffic noise along Gidley St.
2. Operation noise from nearby businesses (~200 ft away)
3. _____

Noise Monitor's Signature: _____ Date: 8/7/24

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Noise Measurement Report Form – Part B

Date: 8/7/24 Day of Week: Wednesday Time: 1337 Project Number: 7275

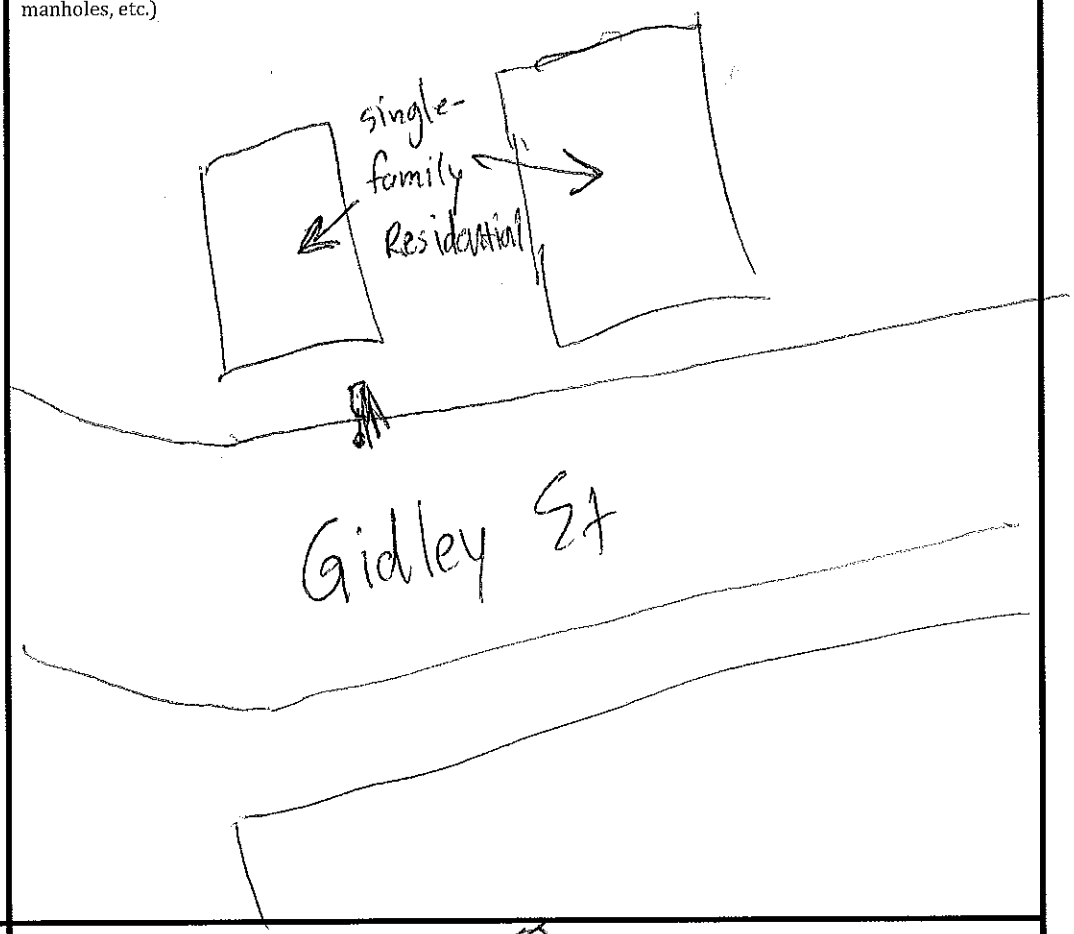
Monitoring Segment / Area: 2 Monitoring Site Address: 9603 Gidley St.

Site Map

Plan View

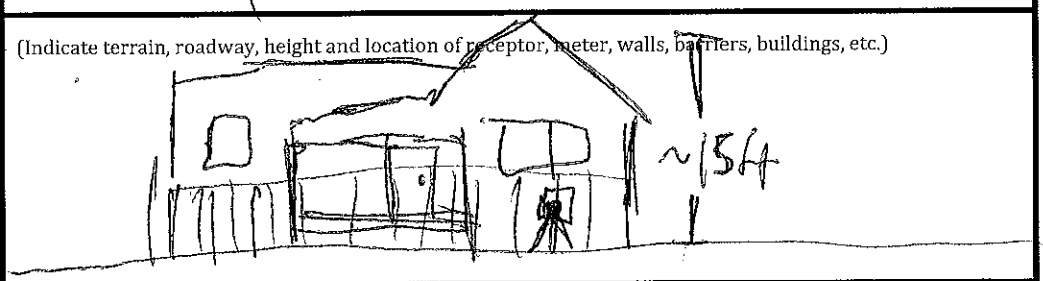
North Arrow (fill-in)

(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.)



Elevation View

(Indicate terrain, roadway, height and location of receptor, meter, walls, barriers, buildings, etc.)



Latitude: 34.087348°	Longitude: -118.058233°	Elevation: 307 ft

Noise Monitor's Signature: _____ Date: 8/7/24

Session Report

8/7/2024

Information Panel

Name	S004_BLH080004_07082024_160641
Start Time	8/7/2024 1:34:06 PM
Stop Time	8/7/2024 1:49:06 PM
Device Name	BLH080004
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	56.5 dB	L90	1	47.9 dB
Lmax	1	78.5 dB	Lmin	1	44.8 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	%
44:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.25
45:	0.48	0.41	0.30	0.18	0.29	0.25	0.24	0.19	0.10	0.13	2.58
46:	0.12	0.13	0.20	0.23	0.32	0.29	0.17	0.14	0.13	0.06	1.80
47:	0.07	0.14	0.39	0.30	0.20	0.54	0.72	0.45	0.66	0.84	4.31
48:	1.08	0.95	0.81	0.92	0.97	0.97	1.00	0.81	1.11	1.60	10.24
49:	1.24	1.56	1.43	1.55	1.47	1.42	1.25	1.09	1.84	1.79	14.63
50:	1.83	1.96	2.18	2.86	2.69	1.92	1.88	2.20	2.23	2.79	22.54
51:	2.84	2.56	1.29	1.80	1.51	1.21	1.43	1.28	1.01	0.83	15.77
52:	0.98	1.06	0.76	0.71	0.61	0.56	0.56	0.49	0.42	0.40	6.54
53:	0.49	0.37	0.42	0.51	0.37	0.40	0.47	0.36	0.38	0.50	4.27
54:	0.41	0.38	0.24	0.27	0.29	0.36	0.31	0.36	0.32	0.22	3.15
55:	0.26	0.35	0.28	0.25	0.19	0.21	0.21	0.21	0.20	0.30	2.46
56:	0.26	0.26	0.29	0.20	0.19	0.15	0.26	0.13	0.11	0.15	2.01

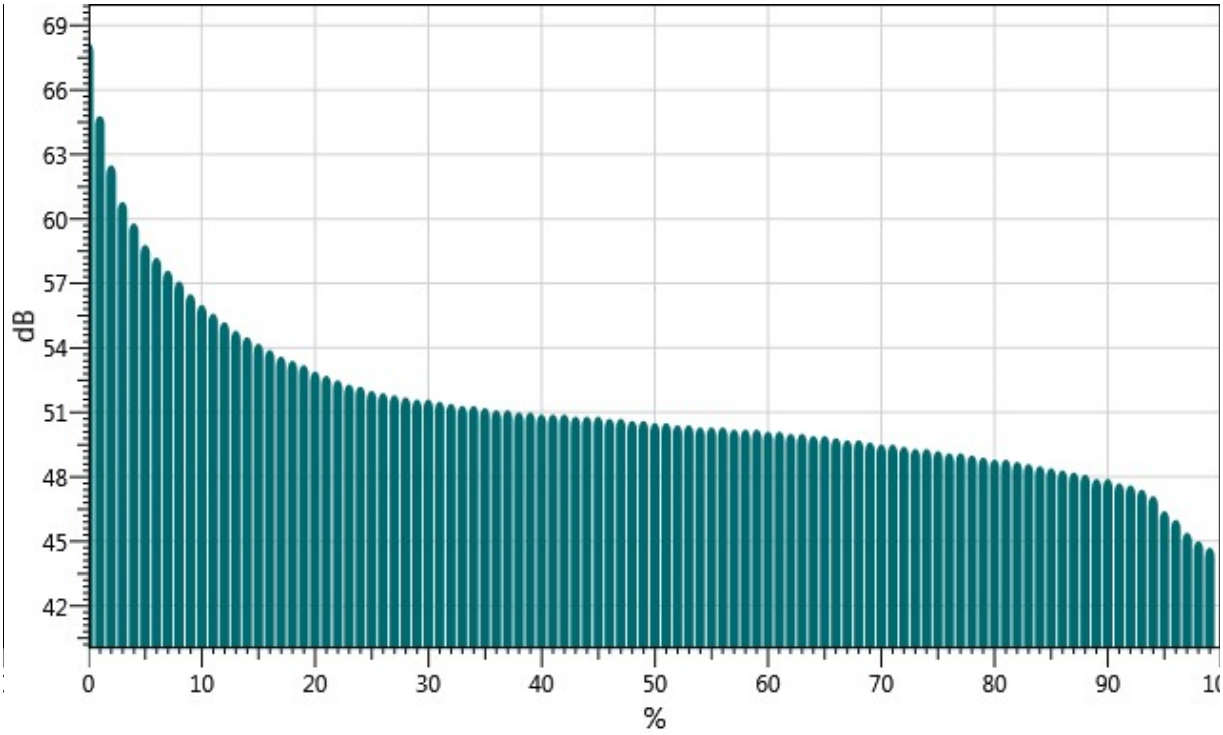
57:	0.17	0.19	0.10	0.18	0.21	0.26	0.22	0.22	0.18	0.18	1.90
58:	0.20	0.16	0.17	0.26	0.22	0.13	0.13	0.10	0.10	0.10	1.58
59:	0.13	0.14	0.13	0.11	0.09	0.08	0.13	0.07	0.07	0.07	1.01
60:	0.08	0.08	0.05	0.10	0.11	0.09	0.10	0.10	0.11	0.14	0.97
61:	0.06	0.05	0.06	0.06	0.07	0.10	0.07	0.05	0.09	0.05	0.66
62:	0.06	0.06	0.05	0.03	0.04	0.05	0.04	0.05	0.05	0.06	0.50
63:	0.07	0.06	0.02	0.06	0.05	0.05	0.03	0.03	0.05	0.06	0.48
64:	0.03	0.03	0.05	0.05	0.05	0.04	0.02	0.03	0.05	0.03	0.37
65:	0.04	0.04	0.02	0.03	0.05	0.04	0.06	0.04	0.06	0.04	0.40
66:	0.07	0.07	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.29
67:	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.20
68:	0.04	0.01	0.01	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.23
69:	0.02	0.02	0.01	0.02	0.02	0.01	0.03	0.02	0.03	0.03	0.20
70:	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.13
71:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.07
72:	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.07
73:	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.06
74:	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.04
75:	0.01	0.00	0.01	0.02	0.02	0.01	0.00	0.00	0.02	0.02	0.13
76:	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.06
77:	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.05
78:	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.04

Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		68.2	64.8	62.5	60.8	59.8	58.8	58.2	57.6	57.1
10%:	56.5	56.0	55.6	55.2	54.8	54.5	54.2	53.9	53.6	53.4
20%:	53.2	52.9	52.7	52.5	52.3	52.2	52.0	51.9	51.8	51.7
30%:	51.6	51.6	51.5	51.4	51.3	51.3	51.2	51.1	51.1	51.0
40%:	51.0	50.9	50.9	50.9	50.8	50.8	50.8	50.7	50.7	50.6
50%:	50.6	50.5	50.5	50.4	50.4	50.3	50.3	50.3	50.2	50.2
60%:	50.2	50.1	50.1	50.0	50.0	49.9	49.9	49.8	49.7	49.7
70%:	49.6	49.5	49.5	49.4	49.3	49.3	49.2	49.1	49.1	49.0
80%:	48.9	48.8	48.8	48.7	48.6	48.5	48.4	48.3	48.2	48.1
90%:	47.9	47.9	47.7	47.6	47.4	47.1	46.4	46.0	45.4	45.0
100%:	44.7									

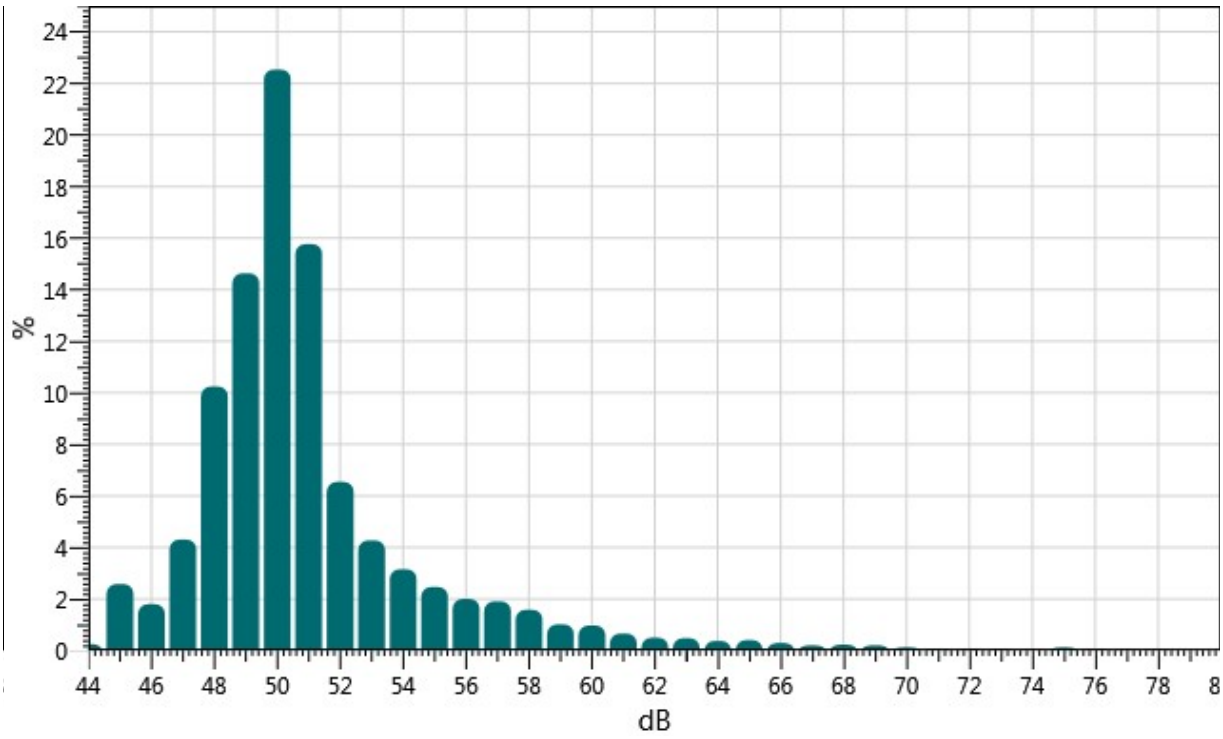
Exceedance Chart

S004_BLH080004_07082024_160641: Exceedance Chart



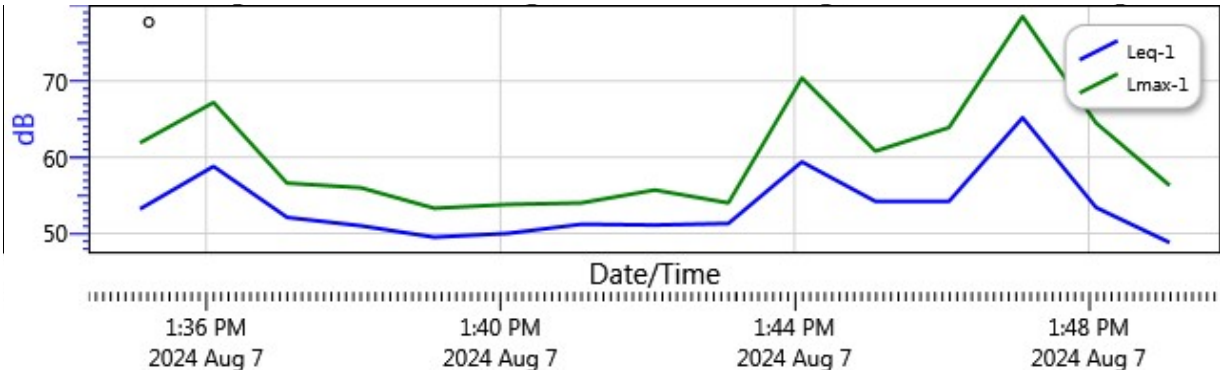
Statistics Chart

S004_BLH080004_07082024_160641: Statistics Chart



Logged Data Chart

S004_BLH080004_07082024_160641: Logged Data Chart



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949.788.4900

Noise Measurement Report Form – Part A

Date: 8/7/24 Day of Week: Wednesday Time: 1150 Project Number: 7275

Monitoring Segment / Area: 3 Monitoring Site Address: 4149 Rowland Ave

Measurement Taken By: Amir Ayati of UltraSystems Environmental

Average Wind Speed: 1.7 mph [km/hr] Compass Heading (meter ⊥ to source) 98°E

Temp: 88.6 °F Relative Humidity: 49.1 % Compass Heading (into wind) 193°S

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

Approximate distance of sound level meter from receptor location: 26 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: 1150 Measurement End Time: 1205

Total Measurement Time: 15 min Session File Name (e.g., S012): S001

Check the measurement purpose:

☒ Baseline condition ☐ Ongoing construction ☐ Caltrans ☐ Complaint response

Measurement Results

Measurement Type	Measured Levels (dB)
Calibration	Pre: 114.0 Post: 113.9
$L_{eq\ (h)}$	Slow: 54.1 Fast:
L_{max}	Slow: 74.3 Fast:
L_{90}	Slow: 43.0 Fast:

Field Notes:

1. Traffic noise along Rowland Ave.
2. Train about 360 feet away
3. _____

Noise Monitor's Signature: _____ Date: 8/7/24

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949.788.4900

Noise Measurement Report Form – Part B

Date: 8/7/24 Day of Week: Wednesday Time: 1150 Project Number: 7275

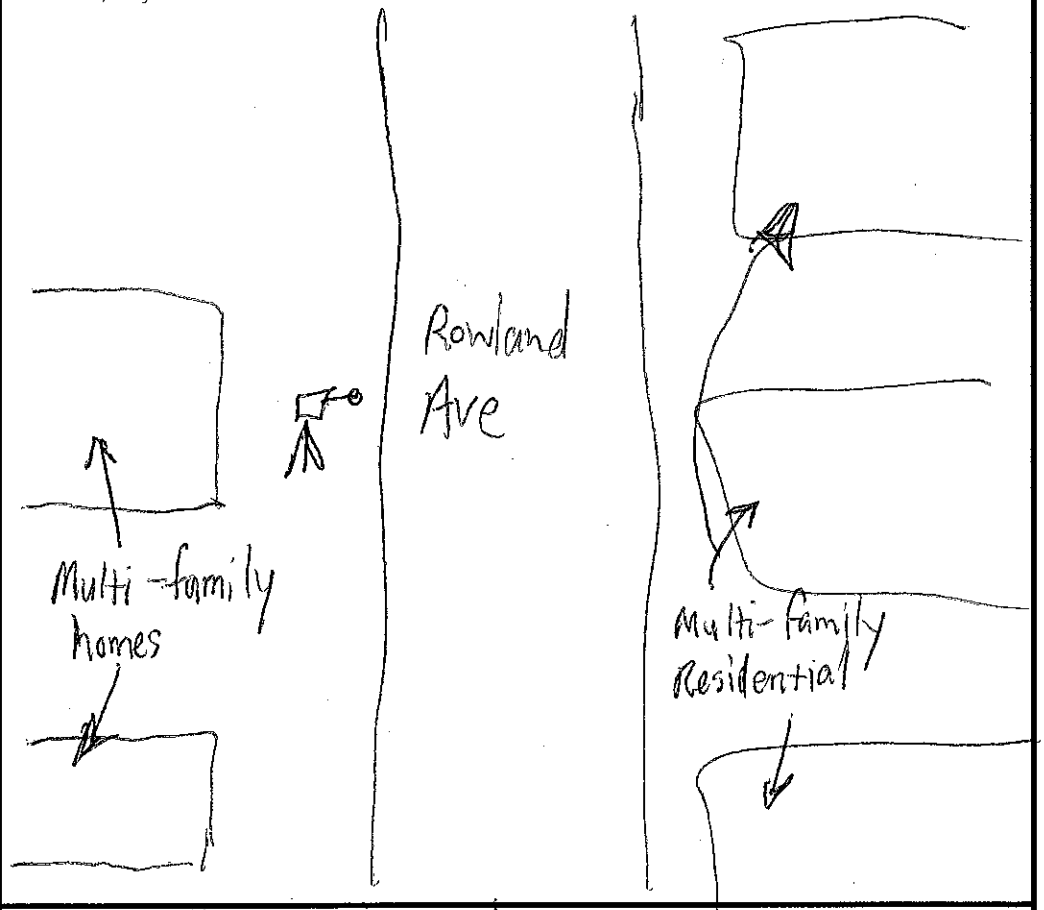
Monitoring Segment / Area: 3 Monitoring Site Address: 4149 Rowland Ave

Site Map

Plan View

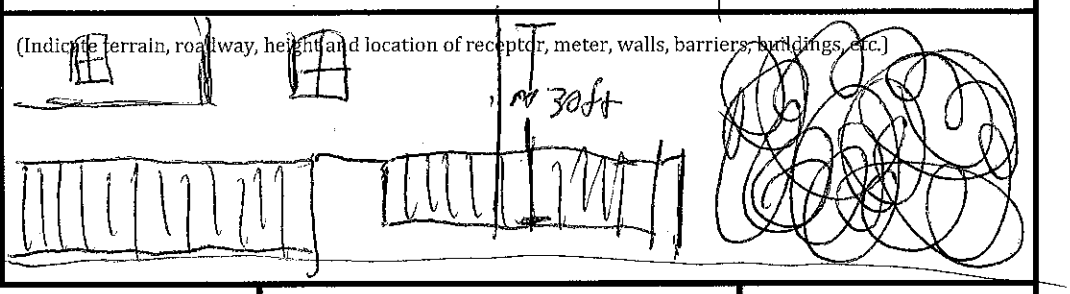
North Arrow (fill-in)

(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.)



Elevation View

(Indicate terrain, roadway, height and location of receptor, meter, walls, barriers, buildings, etc.)



Latitude: 34.083188°	Longitude: -118.053894°	Elevation: 282ft

Noise Monitor's Signature: _____ Date: 8/7/24

Session Report

8/7/2024

Information Panel

Name	S001_BLH080004_07082024_160611
Start Time	8/7/2024 11:46:20 AM
Stop Time	8/7/2024 12:01:20 PM
Device Name	BLH080004
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	54.1 dB	L90	1	43 dB
Lmax	1	74.3 dB	Lmin	1	42.2 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	%
42:	0.00	0.00	0.00	0.21	0.51	0.75	1.27	1.14	1.69	1.84	7.41
43:	2.06	1.68	2.01	1.96	2.09	1.84	2.19	1.85	1.65	1.84	19.19
44:	1.36	1.27	1.18	0.61	0.94	1.33	1.12	1.27	1.34	1.50	11.94
45:	1.99	1.59	1.30	1.50	1.52	1.19	1.41	1.25	1.14	0.90	13.81
46:	0.81	0.82	0.70	0.86	0.89	0.89	0.80	0.71	0.55	0.69	7.71
47:	0.66	0.66	0.52	0.63	0.65	0.66	0.81	1.08	0.88	0.95	7.49
48:	0.92	0.65	0.31	0.53	0.48	0.52	0.53	0.39	0.47	0.36	5.16
49:	0.46	0.40	0.48	0.55	0.43	0.35	0.34	0.30	0.32	0.33	3.95
50:	0.40	0.30	0.34	0.54	0.58	0.51	0.44	0.40	0.51	0.35	4.38
51:	0.33	0.34	0.18	0.28	0.30	0.32	0.21	0.22	0.19	0.22	2.58
52:	0.23	0.20	0.22	0.30	0.22	0.19	0.12	0.15	0.14	0.11	1.88
53:	0.15	0.16	0.24	0.21	0.19	0.16	0.18	0.20	0.18	0.18	1.85
54:	0.19	0.15	0.09	0.12	0.15	0.12	0.16	0.14	0.13	0.18	1.42

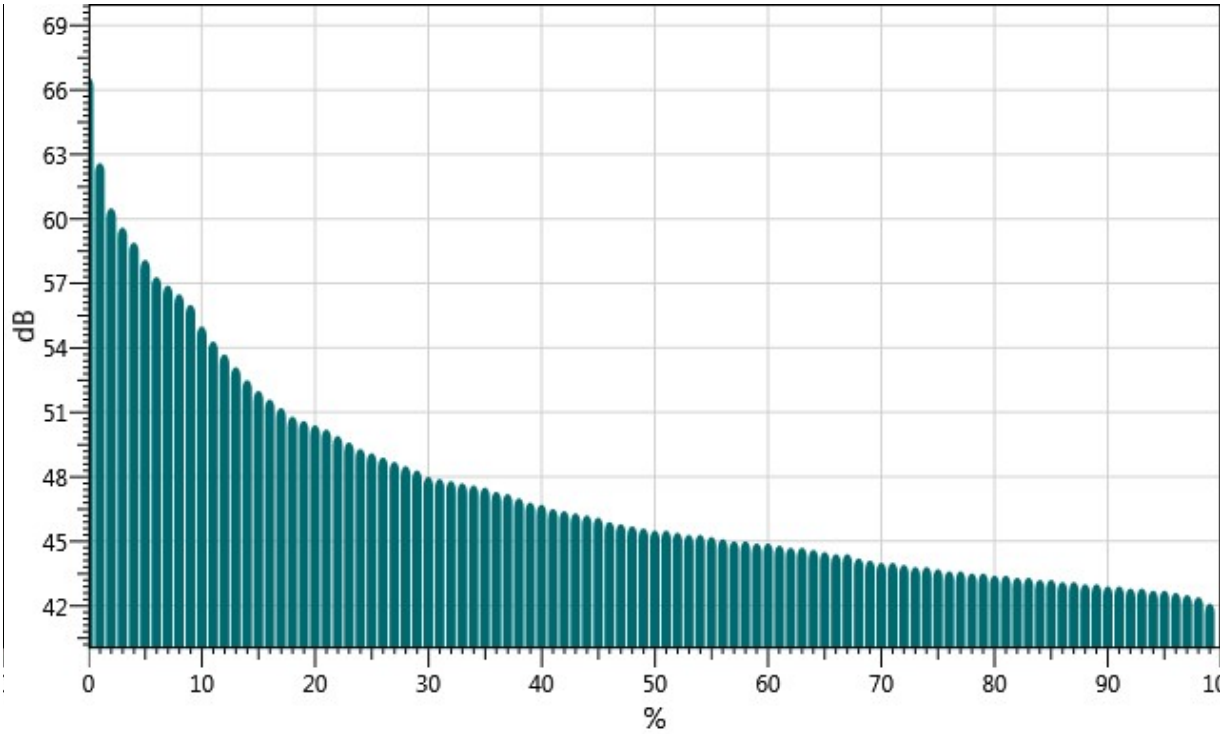
55:	0.14	0.14	0.22	0.12	0.10	0.11	0.10	0.09	0.06	0.07	1.15
56:	0.08	0.11	0.16	0.21	0.22	0.21	0.25	0.24	0.21	0.23	1.90
57:	0.31	0.29	0.19	0.34	0.16	0.16	0.11	0.16	0.11	0.11	1.96
58:	0.11	0.09	0.10	0.10	0.14	0.09	0.13	0.12	0.13	0.12	1.14
59:	0.10	0.14	0.17	0.22	0.20	0.10	0.09	0.11	0.14	0.10	1.38
60:	0.10	0.14	0.13	0.09	0.10	0.11	0.13	0.06	0.06	0.06	0.98
61:	0.09	0.07	0.03	0.04	0.04	0.03	0.04	0.03	0.03	0.07	0.48
62:	0.03	0.03	0.03	0.06	0.05	0.03	0.03	0.03	0.02	0.02	0.32
63:	0.03	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.20
64:	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.03	0.02	0.24
65:	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.31
66:	0.03	0.04	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.02	0.24
67:	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.18
68:	0.02	0.02	0.02	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.15
69:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.12
70:	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.21
71:	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.07
72:	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.06
73:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.08
74:	0.01	0.02	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.09

Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		66.6	62.6	60.5	59.6	58.9	58.1	57.3	56.9	56.5
10%:	56.0	55.0	54.3	53.7	53.1	52.5	52.0	51.6	51.2	50.8
20%:	50.6	50.4	50.2	49.9	49.6	49.3	49.1	48.9	48.7	48.5
30%:	48.3	48.0	47.9	47.8	47.7	47.6	47.5	47.3	47.2	47.0
40%:	46.8	46.7	46.5	46.4	46.3	46.2	46.1	45.9	45.8	45.7
50%:	45.6	45.5	45.5	45.4	45.3	45.3	45.2	45.1	45.0	45.0
60%:	44.9	44.9	44.8	44.7	44.7	44.6	44.5	44.4	44.4	44.2
70%:	44.1	44.0	44.0	43.9	43.8	43.8	43.7	43.6	43.6	43.5
80%:	43.5	43.4	43.4	43.3	43.3	43.2	43.2	43.1	43.1	43.0
90%:	43.0	42.9	42.9	42.8	42.8	42.7	42.7	42.6	42.5	42.4
100%:	42.1									

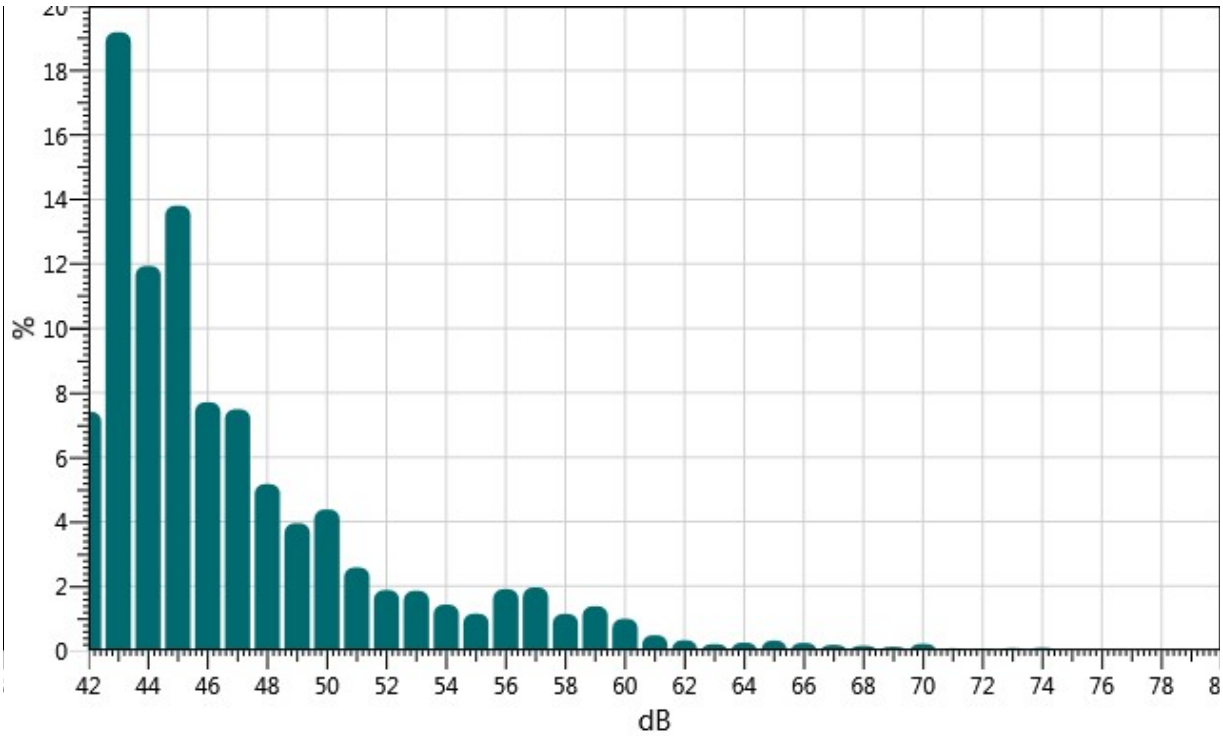
Exceedance Chart

S001_BLH080004_07082024_160611: Exceedance Chart



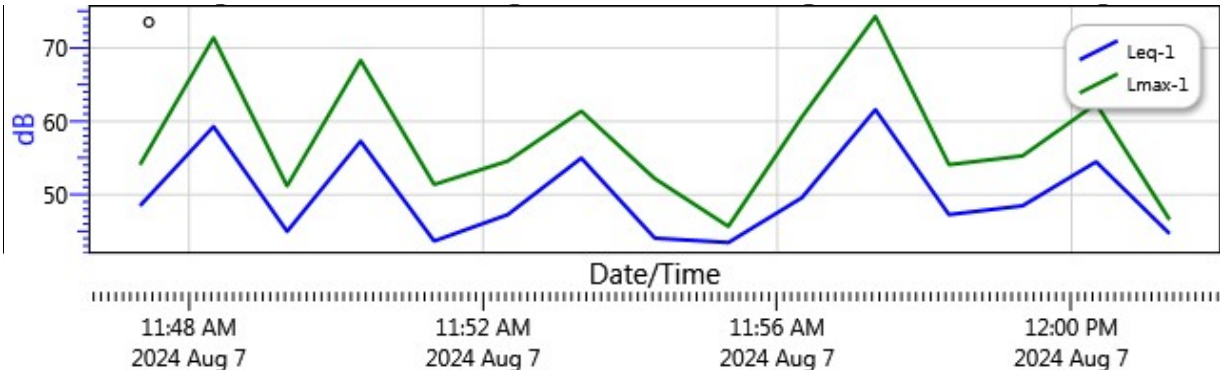
Statistics Chart

S001_BLH080004_07082024_160611: Statistics Chart



Logged Data Chart

S001_BLH080004_07082024_160611: Logged Data Chart



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16431 Scientific Way
Irvine, CA 92618
949.788.4900

Noise Measurement Report Form – Part A

Date: 8/7/24 Day of Week: Wednesday Time: 1228 Project Number: 7275

Monitoring Segment / Area: 4 Monitoring Site Address: 9639 Lorica St.

Measurement Taken By: Amir Ayati of UltraSystems Environmental

Average Wind Speed: 1.9 mph [km/hr] Compass Heading (meter ⊥ to source) 185° S

Temp: 87.4 ° F Relative Humidity: 47.8 % Compass Heading (into wind) 258° W

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

Approximate distance of sound level meter from receptor location: 28 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: 1228 Measurement End Time: 1243

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: 114.0 Post: 113.8
$L_{eq\ (h)}$	Slow: 53.3 Fast:
L_{max}	Slow: 67.6 Fast:
L_{90}	Slow: 47.6 Fast:

Field Notes:

1. Traffic noise along Lorica St. and Temple City Blvd.
2. _____
3. _____

Noise Monitor's Signature: _____ Date: 8/7/24

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16431 Scientific Way
Irvine, CA 92618
949.788.4900

Noise Measurement Report Form – Part B

Date: 8/7/24 Day of Week: Wednesday Time: 1228 Project Number: 7275

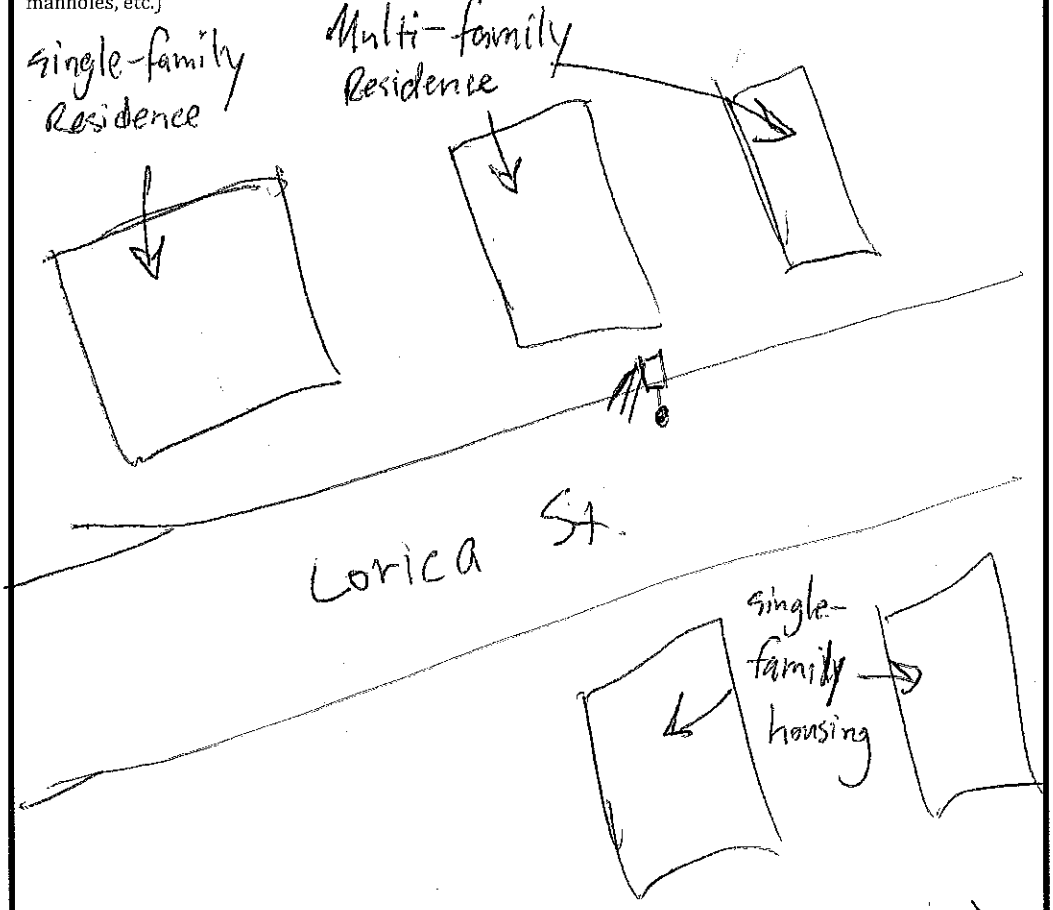
Monitoring Segment / Area: 4 Monitoring Site Address: 9639 Lorica St.

Site Map

Plan View

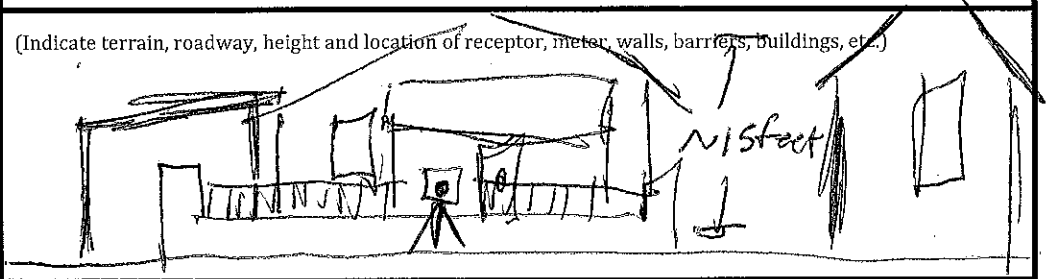
North Arrow (fill-in)

(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.)



Elevation View

(Indicate terrain, roadway, height and location of receptor, meter, walls, barriers, buildings, etc.)



Latitude: 34.082617°	Longitude: -118.058462°	Elevation: 285ft

Noise Monitor's Signature: _____ Date: 8/7/24

Session Report

8/7/2024

Information Panel

Name	S002_BLH080004_07082024_160625
Start Time	8/7/2024 12:24:12 PM
Stop Time	8/7/2024 12:39:12 PM
Device Name	BLH080004
Model Type	SoundPro DL
Device Firmware Rev	R.13J
Comments	

Summary Data Panel

Description	Meter	Value	Description	Meter	Value
Leq	1	53.3 dB	L90	1	47.6 dB
Lmax	1	67.6 dB	Lmin	1	45.9 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	%
45:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07
46:	0.22	0.21	0.29	0.35	0.09	0.12	0.26	0.62	0.65	0.63	3.45
47:	0.79	1.09	0.78	0.65	0.93	0.85	0.91	0.85	1.07	1.15	9.08
48:	1.06	1.21	0.82	0.97	1.24	1.23	1.63	1.43	1.40	1.55	12.55
49:	1.63	1.44	1.80	1.95	2.04	1.70	1.68	1.80	2.07	2.22	18.34
50:	2.26	1.85	2.01	1.87	1.26	1.34	1.27	1.32	1.19	1.19	15.57
51:	1.36	1.55	0.91	1.23	1.05	0.91	0.76	0.70	0.64	0.53	9.63
52:	0.52	0.59	0.60	0.48	0.42	0.35	0.32	0.35	0.36	0.37	4.36
53:	0.28	0.26	0.24	0.33	0.31	0.31	0.29	0.26	0.29	0.30	2.85
54:	0.21	0.25	0.15	0.20	0.19	0.18	0.15	0.14	0.14	0.16	1.78
55:	0.18	0.58	0.98	1.29	1.78	1.64	1.75	0.89	0.72	0.47	10.30
56:	0.43	0.35	0.24	0.19	0.29	0.28	0.42	0.52	0.39	0.34	3.44
57:	0.29	0.41	0.16	0.25	0.25	0.29	0.52	0.45	0.42	0.54	3.57

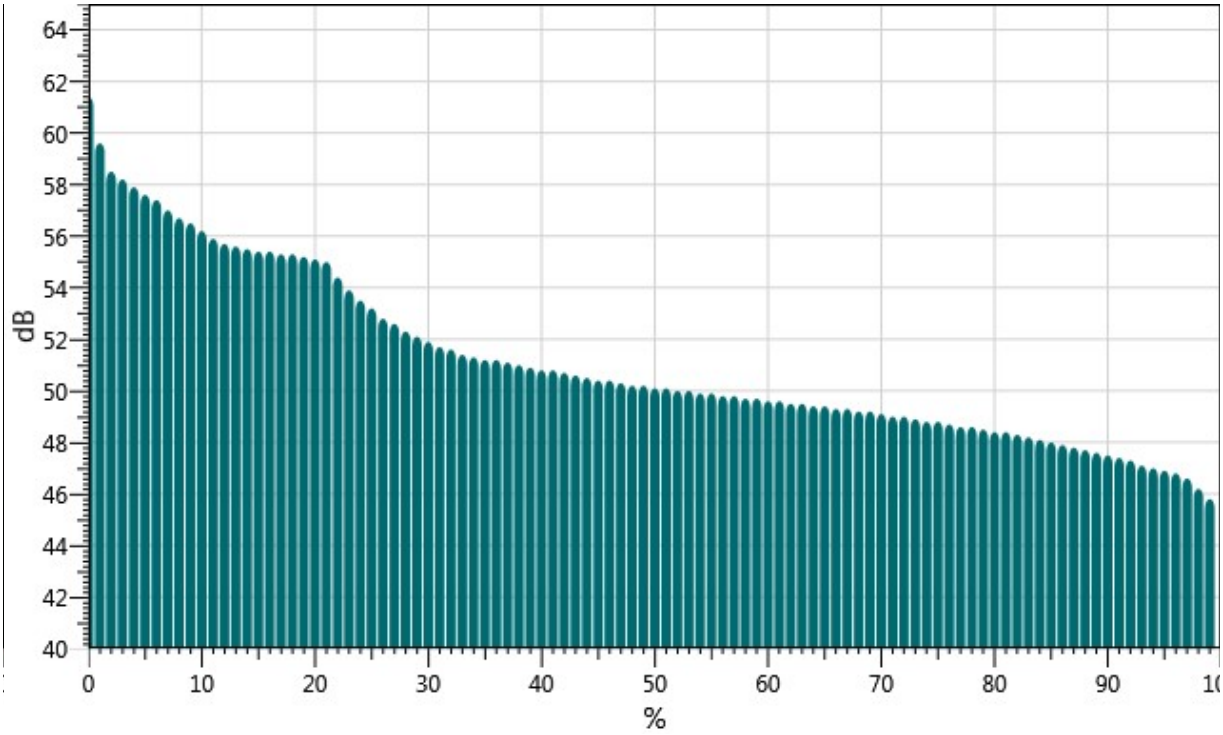
58:	0.39	0.32	0.30	0.32	0.32	0.31	0.14	0.10	0.12	0.09	2.41
59:	0.08	0.08	0.10	0.09	0.07	0.08	0.09	0.09	0.11	0.07	0.87
60:	0.06	0.07	0.04	0.07	0.06	0.06	0.04	0.07	0.08	0.05	0.60
61:	0.04	0.03	0.02	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.26
62:	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.02	0.18
63:	0.02	0.02	0.01	0.02	0.03	0.03	0.02	0.01	0.01	0.01	0.18
64:	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.13
65:	0.01	0.01	0.03	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.15
66:	0.02	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.12
67:	0.01	0.01	0.01	0.01	0.01	0.03	0.05	0.00	0.00	0.00	0.13

Exceedance Table

.	0%	1%	2%	3%	4%	5%	6%	%7	%8	%9
0%:		61.4	59.6	58.5	58.2	57.9	57.6	57.4	57.0	56.7
10%:	56.5	56.2	55.9	55.7	55.6	55.5	55.4	55.4	55.3	55.3
20%:	55.2	55.1	55.0	54.4	53.9	53.5	53.2	52.8	52.6	52.3
30%:	52.1	51.9	51.7	51.6	51.4	51.3	51.2	51.2	51.1	51.0
40%:	50.9	50.8	50.8	50.7	50.6	50.5	50.4	50.4	50.3	50.2
50%:	50.2	50.1	50.1	50.0	50.0	49.9	49.9	49.8	49.8	49.7
60%:	49.7	49.6	49.6	49.5	49.5	49.4	49.4	49.3	49.3	49.2
70%:	49.2	49.1	49.0	49.0	48.9	48.8	48.8	48.7	48.6	48.6
80%:	48.5	48.4	48.4	48.3	48.2	48.1	48.0	47.9	47.8	47.7
90%:	47.6	47.5	47.4	47.3	47.1	47.0	46.9	46.8	46.6	46.2
100%:	45.8									

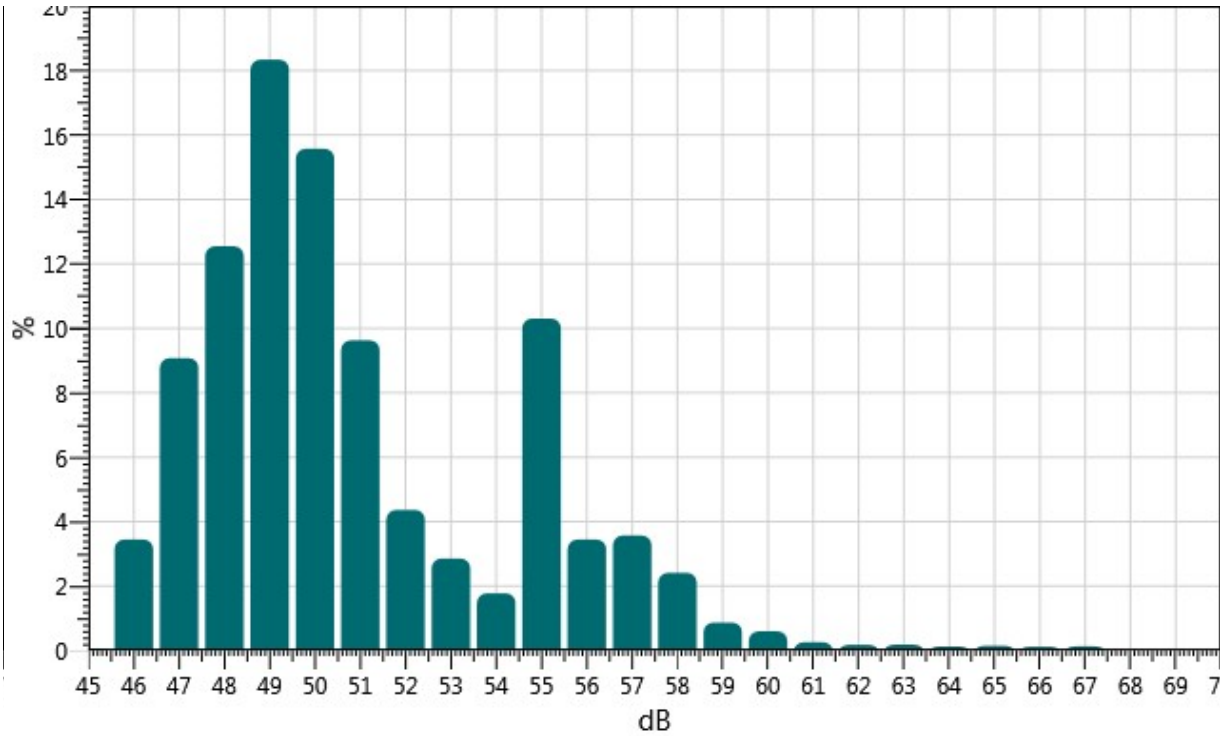
Exceedance Chart

S002_BLH080004_07082024_160625: Exceedance Chart



Statistics Chart

S002_BLH080004_07082024_160625: Statistics Chart



Logged Data Chart

S002_BLH080004_07082024_160625: Logged Data Chart