

Noise Measurement Survey – 24 HR

Project Number: 20241974

Test Personnel: Corey Knips

Project Name: Brethren Hillcrest

Equipment: LD 706RC Spark (SN:18571)

Site Number: LT-1 Date: 10/1/2024

Time: From 12:00 p.m. To 12:00 p.m.

Site Location: 2712 Park Avenue. On a pole on the west side of The Hillcrest Mall park.
Approximately 50 ft from Park Avenue centerline.

Primary Noise Sources: Very light traffic on Park Avenue. Occasional aircraft noise and
occasional and very faint train noise.

Comments: _____

Photo:



Long-Term (24-Hour) Noise Level Measurement Results at LT-1

Start Time	Date	Noise Level (dBA)		
		L _{eq}	L _{max}	L _{min}
12:00 PM	8/1/2024	57.1	68.2	42.1
1:00 PM	8/1/2024	56.7	81.9	44.3
2:00 PM	8/1/2024	57.3	75.5	45.3
3:00 PM	8/1/2024	54.3	68.7	44.5
4:00 PM	8/1/2024	55.3	70.0	45.5
5:00 PM	8/1/2024	54.3	69.7	45.7
6:00 PM	8/1/2024	53.2	74.3	44.8
7:00 PM	8/1/2024	53.3	72.6	44.9
8:00 PM	8/1/2024	50.6	68.8	45.0
9:00 PM	8/1/2024	49.7	71.6	44.4
10:00 PM	8/1/2024	47.7	68.1	44.0
11:00 PM	8/1/2024	47.6	57.9	44.0
12:00 AM	8/2/2024	47.5	66.2	43.2
1:00 AM	8/2/2024	45.1	52.0	42.4
2:00 AM	8/2/2024	48.0	61.9	43.1
3:00 AM	8/2/2024	49.5	59.8	44.3
4:00 AM	8/2/2024	49.6	66.4	44.9
5:00 AM	8/2/2024	50.7	71.1	44.0
6:00 AM	8/2/2024	52.3	67.4	45.5
7:00 AM	8/2/2024	58.4	73.4	48.9
8:00 AM	8/2/2024	54.7	67.4	44.1
9:00 AM	8/2/2024	50.8	68.2	42.5
10:00 AM	8/2/2024	52.7	70.3	41.3
11:00 AM	8/2/2024	54.0	76.4	41.3

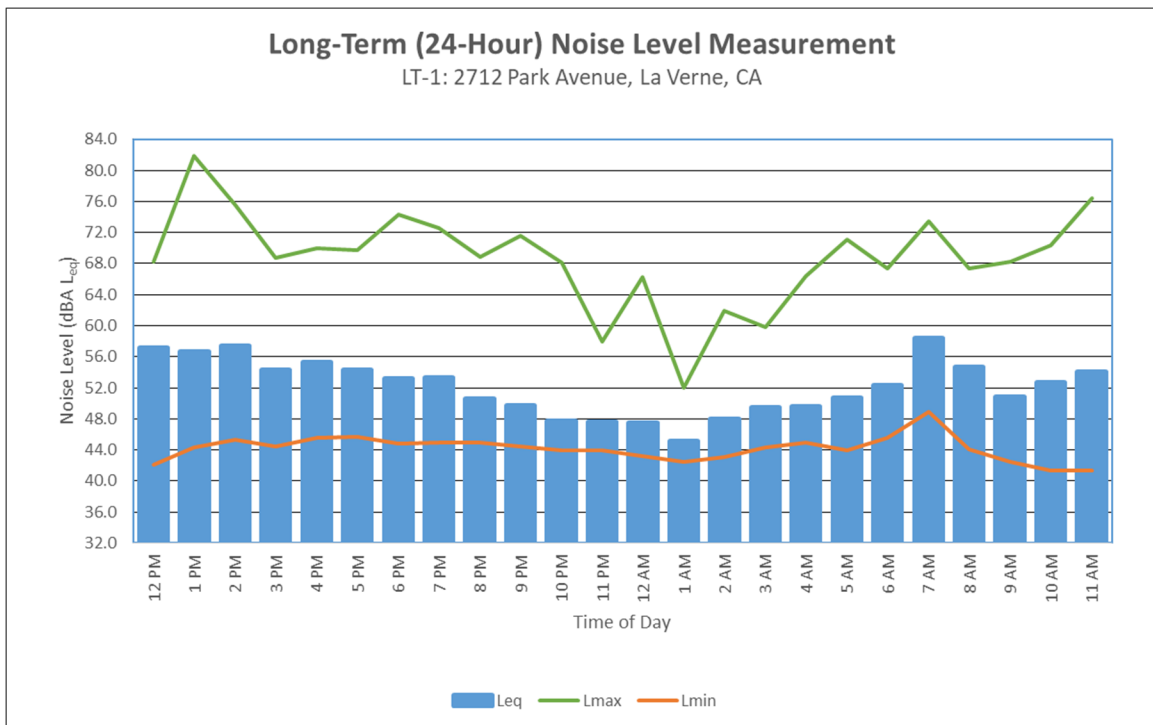
Source: Compiled by LSA Associates, Inc. (2024).

dBA = A-weighted decibel

L_{eq} = equivalent continuous sound level

L_{max} = maximum instantaneous noise level

L_{min} = minimum measured sound level



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Project Name: Brethren Hillcrest

Equipment: LD 706RC Spark (SN:18571)

Site Number: LT-2 Date: 10/1/2024

Time: From 12:00 p.m. To 12:00 p.m.

Site Location: 2747 A Street. On a pole on the east side of The Hillcrest Mall park.
Approximately 30 ft from the A Street centerline.

Primary Noise Sources: Very light traffic on A Street. Occasional aircraft noise and occasional
and very faint train noise.

Comments: _____

Photo:



Long-Term (24-Hour) Noise Level Measurement Results at LT-2

Start Time	Date	Noise Level (dBA)		
		L _{eq}	L _{max}	L _{min}
12:00 PM	8/1/2024	50.6	66.7	41.5
1:00 PM	8/1/2024	53.8	75.4	42.8
2:00 PM	8/1/2024	55.6	69.5	43.2
3:00 PM	8/1/2024	53.6	69.4	43.5
4:00 PM	8/1/2024	53.8	67.9	44.5
5:00 PM	8/1/2024	52.0	67.4	43.4
6:00 PM	8/1/2024	48.3	62.8	43.5
7:00 PM	8/1/2024	48.9	67.4	43.4
8:00 PM	8/1/2024	47.1	62.7	43.9
9:00 PM	8/1/2024	47.0	68.1	43.8
10:00 PM	8/1/2024	47.7	68.8	44.0
11:00 PM	8/1/2024	47.1	59.3	43.6
12:00 AM	8/2/2024	47.2	60.3	43.8
1:00 AM	8/2/2024	46.1	55.1	43.1
2:00 AM	8/2/2024	48.0	58.7	43.4
3:00 AM	8/2/2024	50.2	63.0	44.1
4:00 AM	8/2/2024	50.1	64.3	45.1
5:00 AM	8/2/2024	48.9	63.9	44.8
6:00 AM	8/2/2024	51.2	62.1	46.9
7:00 AM	8/2/2024	54.7	71.9	49.6
8:00 AM	8/2/2024	51.4	64.3	45.0
9:00 AM	8/2/2024	50.4	69.6	43.0
10:00 AM	8/2/2024	48.7	66.9	41.3
11:00 AM	8/2/2024	48.9	66.8	40.6

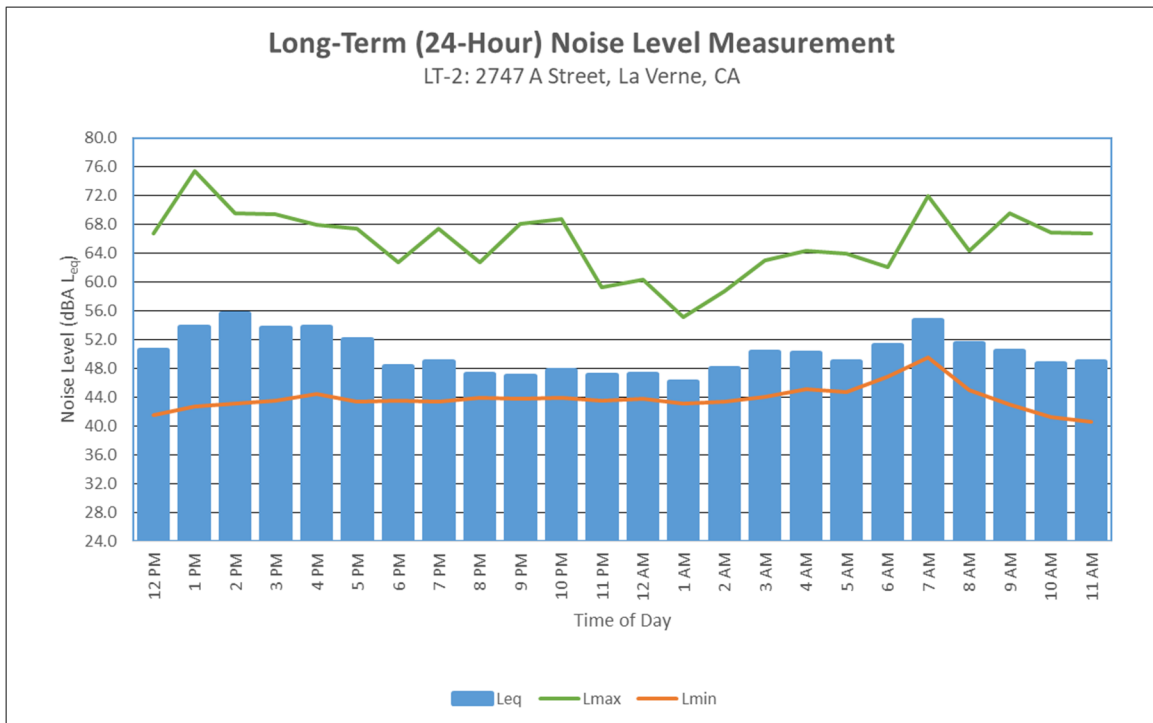
Source: Compiled by LSA Associates, Inc. (2024).

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Equipment: LD 706RC Spark (SN:18571)

Site Number: LT-3 Date: 10/1/2024

Time: From 12:00 p.m. To 12:00 p.m.

Site Location: 2713 Park Avenue. On a tree approximately 16 ft from the curb and approximately 36 ft Park Avenue centerline.

Primary Noise Sources: Very light traffic on Park Avenue, occasional aircraft noise, and occasional and very faint train noise.

Comments: _____

Photo:



Long-Term (24-Hour) Noise Level Measurement Results at LT-3

Start Time	Date	Noise Level (dBA)		
		L _{eq}	L _{max}	L _{min}
12:00 PM	8/1/2024	56.8	76.8	39.7
1:00 PM	8/1/2024	58.0	74.4	42.6
2:00 PM	8/1/2024	55.5	69.5	42.7
3:00 PM	8/1/2024	56.6	71.6	43.5
4:00 PM	8/1/2024	56.0	70.0	43.6
5:00 PM	8/1/2024	55.6	74.2	42.7
6:00 PM	8/1/2024	53.5	73.1	41.9
7:00 PM	8/1/2024	53.1	72.3	42.4
8:00 PM	8/1/2024	52.6	69.4	43.1
9:00 PM	8/1/2024	49.1	68.0	43.5
10:00 PM	8/1/2024	47.7	65.7	43.8
11:00 PM	8/1/2024	47.2	63.7	43.2
12:00 AM	8/2/2024	47.2	68.9	42.9
1:00 AM	8/2/2024	45.7	56.4	43.0
2:00 AM	8/2/2024	48.0	65.4	41.9
3:00 AM	8/2/2024	48.9	59.2	44.1
4:00 AM	8/2/2024	49.9	68.5	44.7
5:00 AM	8/2/2024	50.7	72.5	43.9
6:00 AM	8/2/2024	53.9	72.1	46.6
7:00 AM	8/2/2024	60.1	74.8	50.3
8:00 AM	8/2/2024	57.1	71.6	44.9
9:00 AM	8/2/2024	53.1	70.2	43.6
10:00 AM	8/2/2024	53.1	69.6	40.7
11:00 AM	8/2/2024	54.0	70.7	39.7

Source: Compiled by LSA Associates, Inc. (2024).

dBA = A-weighted decibel

L_{eq} = equivalent continuous sound level

L_{max} = maximum instantaneous noise level

L_{min} = minimum measured sound level

