

Noise Measurement Survey – 24 HR

Project Number: CRX2202
Project Name: Lugonia Village

Test Personnel: Kevin Nguyendo
Equipment: Spark 706RC (SN:224)

Site Number: LT-1 Date: 12/7/22

Time: From 4:00 p.m. To 4:00 p.m.

Site Location: Located on the southeast corner of Karon Street and Pennsylvania Avenue.
On a utility pole. Approximately 22 ft from Pennsylvania Avenue centerline.

Primary Noise Sources: Traffic on Pennsylvania Avenue and Karon Street.

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}
4:00 PM	12/7/22	61.3	84.2	49.2
5:00 PM	12/7/22	59.5	82.1	49.7
6:00 PM	12/7/22	58.9	82.3	50.5
7:00 PM	12/7/22	57.9	80.5	49.8
8:00 PM	12/7/22	56.0	75.5	49.5
9:00 PM	12/7/22	54.0	69.6	46.8
10:00 PM	12/7/22	52.3	73.4	46.2
11:00 PM	12/7/22	53.0	68.5	45.8
12:00 AM	12/8/22	53.0	71.2	45.1
1:00 AM	12/8/22	52.7	72.7	44.0
2:00 AM	12/8/22	50.0	67.9	44.8
3:00 AM	12/8/22	51.1	74.2	44.9
4:00 AM	12/8/22	54.7	74.0	48.3
5:00 AM	12/8/22	54.9	73.0	49.6
6:00 AM	12/8/22	61.7	84.9	51.1
7:00 AM	12/8/22	61.9	86.4	49.5
8:00 AM	12/8/22	58.0	81.8	46.2
9:00 AM	12/8/22	53.7	70.3	44.9
10:00 AM	12/8/22	55.8	76.2	45.5
11:00 AM	12/8/22	57.7	77.9	45.7
12:00 PM	12/8/22	59.2	76.4	47.0
1:00 PM	12/8/22	57.3	77.7	47.5
2:00 PM	12/8/22	62.8	81.5	45.3
3:00 PM	12/8/22	60.0	85.3	48.4

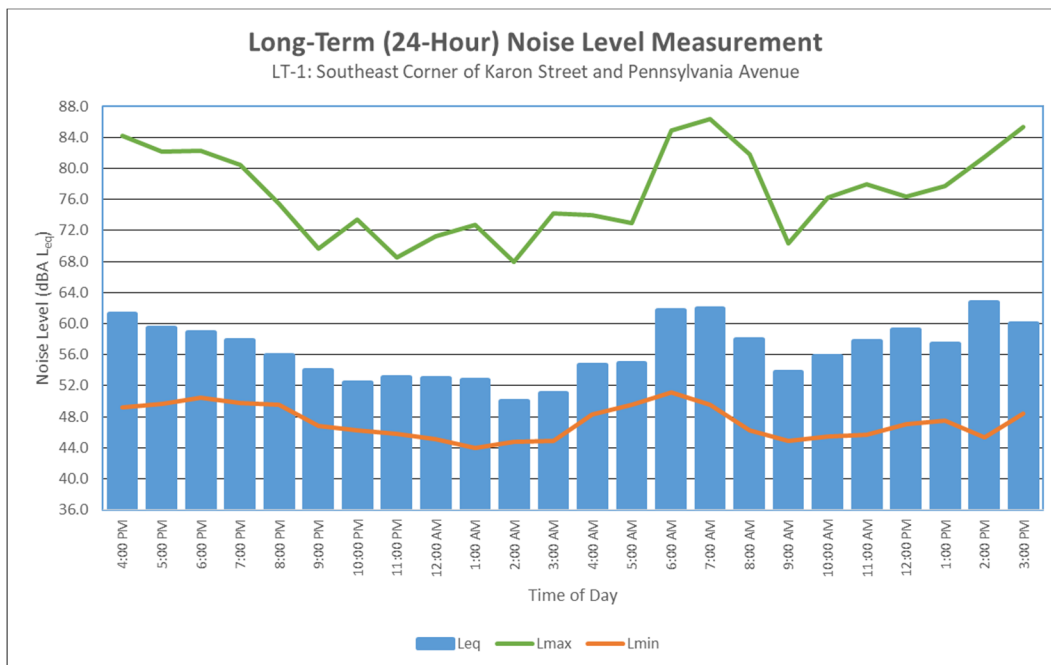
Source: Compiled by LSA Associates, Inc. (2022).

dBA = A-weighted decibel

L_{eq} = equivalent continuous sound level

L_{max} = maximum instantaneous noise level

L_{min} = minimum measured sound level



Noise Measurement Survey – 24 HR

Project Number: CRX2202

Test Personnel: Kevin Nguyendo

Project Name: Lugonia Village

Equipment: Spark 705 (SN:632)

Site Number: LT-2 Date: 12/7/22

Time: From 4:00 p.m. To 4:00 p.m.

Site Location: 1402 Karon Street. In front of a single-family home on a utility pole.
Approximately 18 ft from Karon Street centerline.

Primary Noise Sources: Traffic on Karon Street.

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}
4:00 PM	12/7/22	64.0	80.9	56.2
5:00 PM	12/7/22	63.1	77.7	56.1
6:00 PM	12/7/22	63.7	85.8	55.7
7:00 PM	12/7/22	61.4	74.8	56.2
8:00 PM	12/7/22	61.4	79.6	53.2
9:00 PM	12/7/22	57.7	77.0	50.1
10:00 PM	12/7/22	56.8	76.1	50.9
11:00 PM	12/7/22	57.9	74.7	49.7
12:00 AM	12/8/22	57.2	80.8	48.8
1:00 AM	12/8/22	56.1	76.8	49.0
2:00 AM	12/8/22	54.9	75.3	49.8
3:00 AM	12/8/22	56.5	77.0	49.2
4:00 AM	12/8/22	59.3	76.7	54.5
5:00 AM	12/8/22	59.4	76.9	55.5
6:00 AM	12/8/22	65.9	90.5	56.1
7:00 AM	12/8/22	64.5	90.0	53.1
8:00 AM	12/8/22	59.6	79.6	51.7
9:00 AM	12/8/22	58.3	75.9	50.6
10:00 AM	12/8/22	58.9	77.1	50.1
11:00 AM	12/8/22	61.4	81.6	52.4
12:00 PM	12/8/22	61.7	77.8	54.4
1:00 PM	12/8/22	62.7	81.4	55.1
2:00 PM	12/8/22	61.4	81.5	50.9
3:00 PM	12/8/22	62.7	82.0	55.2

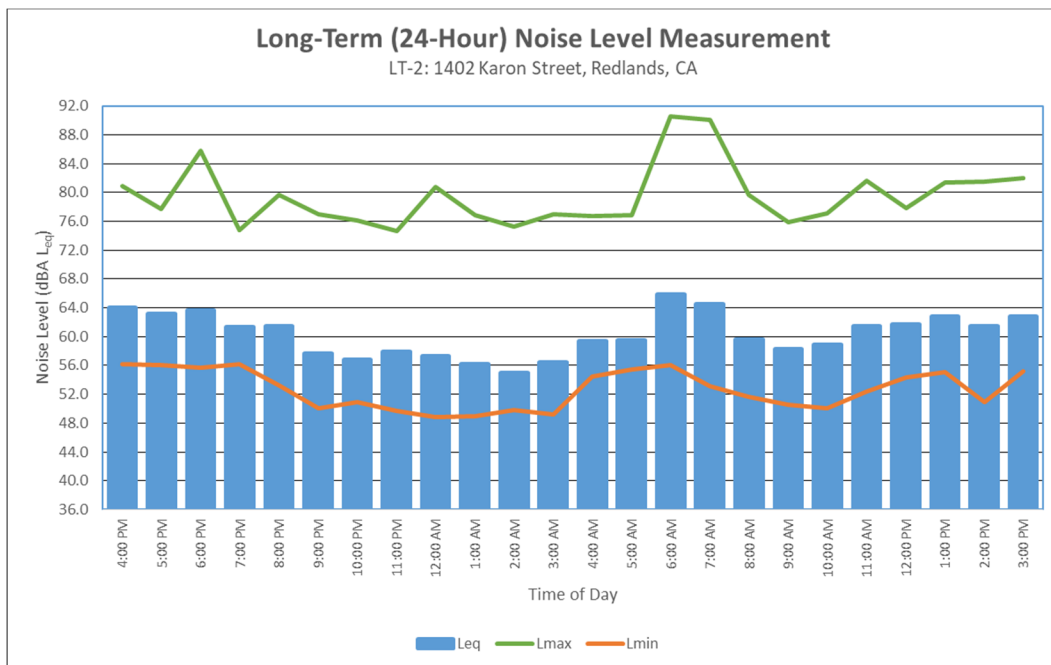
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Noise Measurement Survey – 24 HR

Project Number: CRX2202

Test Personnel: Kevin Nguyendo

Project Name: Lugonia Village

Equipment: Spark 705 (SN:119)

Site Number: LT-3 Date: 12/7/22

Time: From 4:00 p.m. To 4:00 p.m.

Site Location: 1141 Lugonia Avenue. At the parking lot of the Jack in the Box on a utility pole. Approximately 128 ft from Lugonia Avenue centerline.

Primary Noise Sources: Traffic on Lugonia Avenue and noise from vehicles exiting the Jack in the Box drive through.

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}
4:00 PM	12/7/22	62.5	74.6	56.8
5:00 PM	12/7/22	62.2	75.0	57.6
6:00 PM	12/7/22	61.9	76.2	57.0
7:00 PM	12/7/22	61.4	77.9	55.2
8:00 PM	12/7/22	60.2	75.4	55.5
9:00 PM	12/7/22	59.2	77.8	54.6
10:00 PM	12/7/22	58.7	72.1	53.9
11:00 PM	12/7/22	61.3	79.7	51.7
12:00 AM	12/8/22	58.7	78.3	52.2
1:00 AM	12/8/22	56.7	75.3	52.0
2:00 AM	12/8/22	57.2	72.3	51.5
3:00 AM	12/8/22	57.1	73.3	51.9
4:00 AM	12/8/22	63.0	72.8	56.4
5:00 AM	12/8/22	62.2	75.2	58.8
6:00 AM	12/8/22	62.8	74.9	58.4
7:00 AM	12/8/22	62.0	75.8	57.3
8:00 AM	12/8/22	61.5	77.4	55.5
9:00 AM	12/8/22	61.0	73.8	55.0
10:00 AM	12/8/22	61.1	74.0	55.5
11:00 AM	12/8/22	63.2	75.7	57.6
12:00 PM	12/8/22	63.7	76.5	58.2
1:00 PM	12/8/22	62.7	78.0	57.4
2:00 PM	12/8/22	61.3	81.2	55.4
3:00 PM	12/8/22	61.8	76.5	56.7

Source: Compiled by LSA Associates, Inc. (2022).

dBA = A-weighted decibel

L_{eq} = equivalent continuous sound level

L_{max} = maximum instantaneous noise level

L_{min} = minimum measured sound level

