Noise Measurement Survey – 24 HR

Project Number: 20242091.01
Project Name: 2036 Bancroft Way

Test Personnel: Dana Kwan
Equipment: Spark 706RC (SN:17119)

Site Number: LT-1 Date: 7/23/25

Time: From 6:00 p.m. To 6:00 p.m.

Site Location: 2020 Bancroft Way, Berkeley, CA 94704. Berkeley Park Apartments. On the north side of the apartment building and on a tree. Approximately 30 feet from Bancroft Way centerline.

Primary Noise Sources: Traffic on Bancroft Way, Shattuck Avenue, and Milvia Street. Occasional aircraft noise and human activity (conversation, bikes, electric scooters).

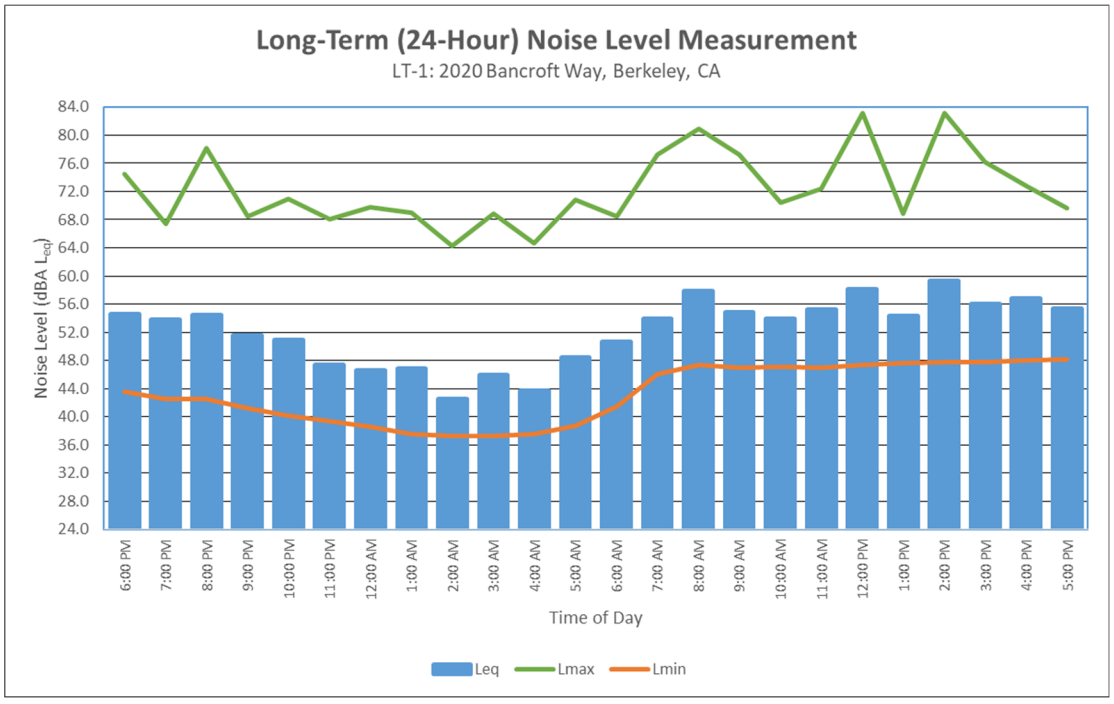
Comments:

Photo:

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

Start Time	Date	Noise Level (dBA)		
		L_{eq}	L_{max}	L_{min}
6:00 PM	7/23/25	54.5	74.5	43.6
7:00 PM	7/23/25	53.7	67.4	42.5
8:00 PM	7/23/25	54.4	78.1	42.5
9:00 PM	7/23/25	51.5	68.5	41.2
10:00 PM	7/23/25	51.0	71.0	40.2
11:00 PM	7/23/25	47.4	68.1	39.4
12:00 AM	7/24/25	46.6	69.8	38.6
1:00 AM	7/24/25	46.8	69.0	37.5
2:00 AM	7/24/25	42.6	64.3	37.3
3:00 AM	7/24/25	45.9	68.9	37.3
4:00 AM	7/24/25	43.7	64.7	37.5
5:00 AM	7/24/25	48.4	70.8	38.7
6:00 AM	7/24/25	50.7	68.5	41.5
7:00 AM	7/24/25	53.9	77.2	46.1
8:00 AM	7/24/25	57.9	80.9	47.3
9:00 AM	7/24/25	54.8	77.2	46.9
10:00 AM	7/24/25	53.9	70.4	47.1
11:00 AM	7/24/25	55.2	72.4	46.9
12:00 PM	7/24/25	58.1	83.1	47.3
1:00 PM	7/24/25	54.4	68.8	47.6
2:00 PM	7/24/25	59.3	83.2	47.7
3:00 PM	7/24/25	56.0	76.2	47.8
4:00 PM	7/24/25	56.7	72.8	48.0
5:00 PM	7/24/25	55.4	69.6	48.1

Source: Compiled by LSA Associates, Inc. (2025).
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: 20242091.01
Project Name: 2036 Bancroft Way

Test Personnel: Dana Kwan
Equipment: Spark 706RC (SN:17815)

Site Number: LT-2 Date: 7/23/25

Time: From 6:00 p.m. To 6:00 p.m.

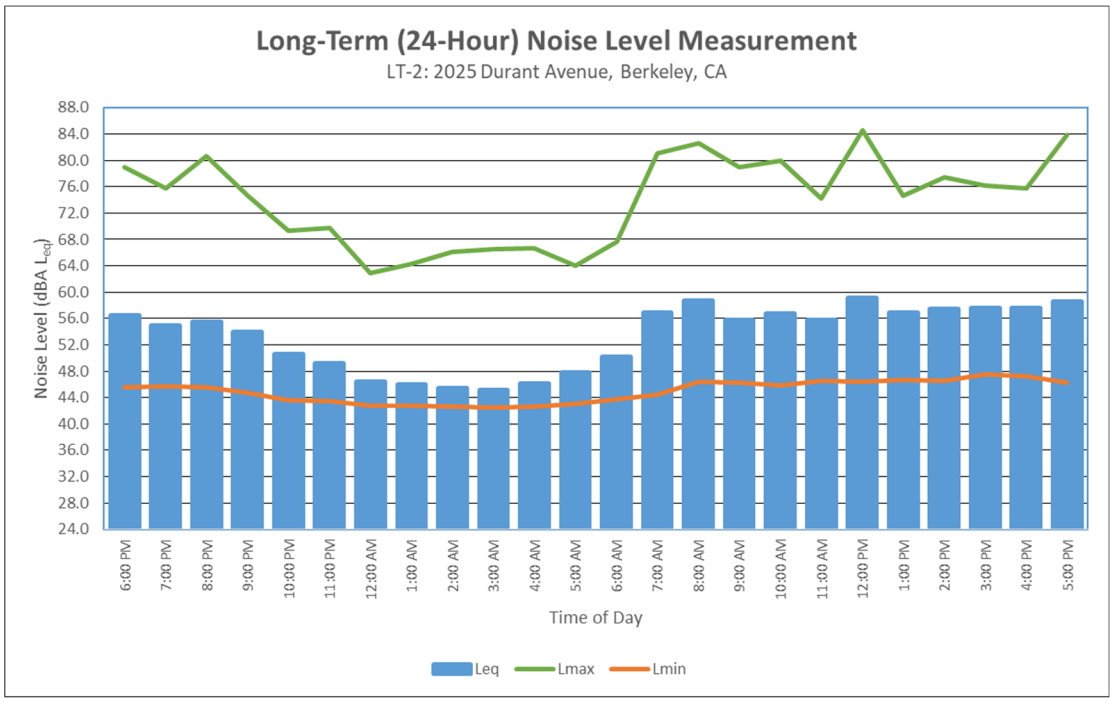
Site Location: 2025 Durant Avenue, Berkeley, CA 94704. Berkeley Park Apartments. On the south side of the apartment building on a tree. Approximately 35 feet from Durant Avenue centerline.

Primary Noise Sources: Traffic on Durant Avenue, Milvia Street, and Shattuck Avenue. Occasional aircraft noise and human activity (conversation, bikes, electric scooters).

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}
6:00 PM	7/23/25	56.4	78.9	45.6
7:00 PM	7/23/25	54.9	75.8	45.7
8:00 PM	7/23/25	55.4	80.6	45.6
9:00 PM	7/23/25	53.9	74.7	44.7
10:00 PM	7/23/25	50.6	69.3	43.6
11:00 PM	7/23/25	49.2	69.7	43.5
12:00 AM	7/24/25	46.4	62.9	42.8
1:00 AM	7/24/25	46.0	64.3	42.7
2:00 AM	7/24/25	45.5	66.1	42.6
3:00 AM	7/24/25	45.2	66.5	42.5
4:00 AM	7/24/25	46.1	66.6	42.6
5:00 AM	7/24/25	47.8	64.0	43.1
6:00 AM	7/24/25	50.2	67.6	43.8
7:00 AM	7/24/25	56.9	81.0	44.5
8:00 AM	7/24/25	58.7	82.6	46.4
9:00 AM	7/24/25	55.8	79.0	46.2
10:00 AM	7/24/25	56.7	80.0	45.9
11:00 AM	7/24/25	55.8	74.2	46.6
12:00 PM	7/24/25	59.2	84.5	46.4
1:00 PM	7/24/25	56.9	74.6	46.7
2:00 PM	7/24/25	57.4	77.4	46.6
3:00 PM	7/24/25	57.6	76.2	47.5
4:00 PM	7/24/25	57.6	75.8	47.3
5:00 PM	7/24/25	58.5	83.9	46.3

Source: Compiled by LSA Associates, Inc. (2025).
dBA = A-weighted decibel
L_{eq} = equivalent continuous sound level
L_{max} = maximum instantaneous noise level
L_{min} = minimum measured sound level