
APPENDIX I

NOISE MEASUREMENTS

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Noise Measurement Survey – 24 HR

Project Number: CBE1906.09
Project Name: Gilman Gateway

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

Site Number: LT-1 Date: 1/11/24

Time: From 11:00 a.m. To 10:00 a.m.

Site Location: On a billboard post south of Gilman Street and in between Second Street and Fourth Street, approximately 40 feet south of Gilman Street centerline and approximately 40 feet west of center of train tracks

Primary Noise Sources: Traffic on Gilman Street, industrial noise, occasional train noise, less occasional aircraft 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}
11:00 AM	1/11/24	81.2	108.5	54.3
12:00 PM	1/11/24	82.5	112.7	53.1
1:00 PM	1/11/24	73.5	105.3	53.1
2:00 PM	1/11/24	82.8	111.5	52.6
3:00 PM	1/11/24	80.1	107.6	50.9
4:00 PM	1/11/24	79.7	110.3	54.4
5:00 PM	1/11/24	80.1	109.8	51.3
6:00 PM	1/11/24	76.7	104.6	53.7
7:00 PM	1/11/24	78.2	108.3	52.0
8:00 PM	1/11/24	75.8	106.3	51.0
9:00 PM	1/11/24	82.4	111.5	52.3
10:00 PM	1/11/24	74.6	105.9	49.5
11:00 PM	1/11/24	59.9	76.4	46.8
12:00 AM	1/12/24	81.8	112.3	46.4
1:00 AM	1/12/24	56.5	78.2	44.3
2:00 AM	1/12/24	83.6	115.3	45.2
3:00 AM	1/12/24	59.2	75.7	47.1
4:00 AM	1/12/24	63.2	85.9	50.4
5:00 AM	1/12/24	81.7	112.3	51.8
6:00 AM	1/12/24	76.9	106.8	54.1
7:00 AM	1/12/24	80.7	108.8	55.2
8:00 AM	1/12/24	75.1	106.9	54.7
9:00 AM	1/12/24	79.1	107.2	54.9
10:00 AM	1/12/24	79.0	106.5	54.4

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

dBA = A-weighted decibel

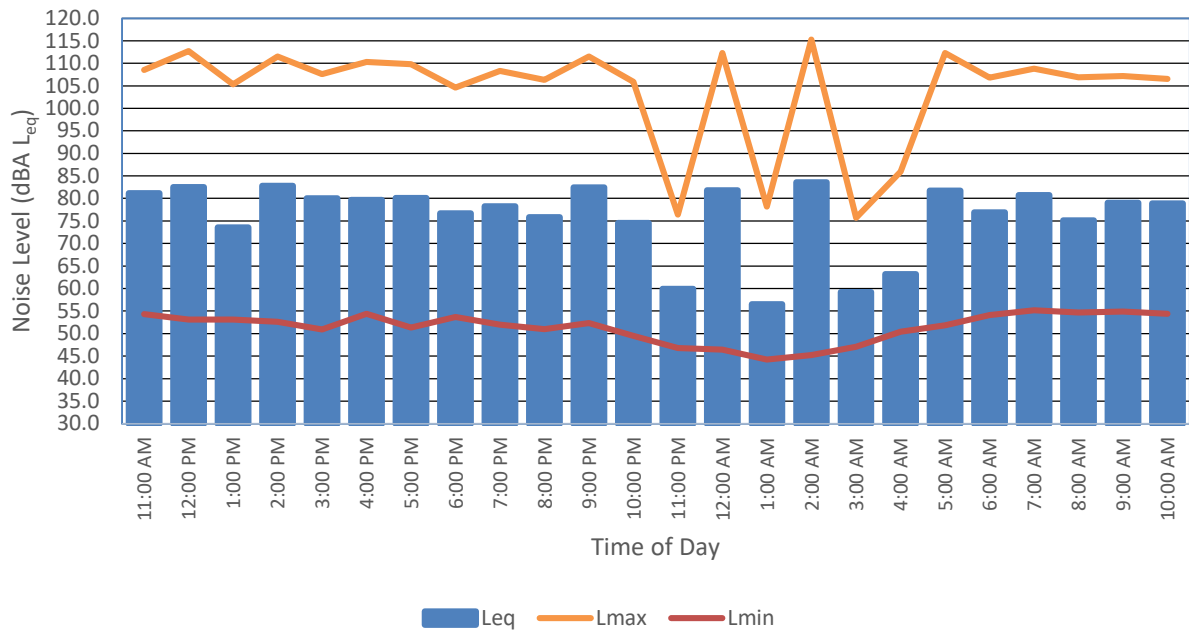
L_{eq} = equivalent continuous sound level

L_{max} = maximum instantaneous noise level

L_{min} = minimum measured sound level

Long-Term (24-Hour) Noise Level Measurement

LT-1



Noise Measurement Survey – 24 HR

Project Number: CBE1906.09

Test Personnel: Dana Kwan

Project Name: Gilman Gateway

Equipment: Spark 706RC (SN:18571)

Site Number: LT-2 Date: 1/11/24

Time: From 12:00 p.m. To 11:00 a.m.

Site Location: On a tree east of Eastshore Highway and in between Page Street and Jones Street, approximately 35 feet from Eastshore Highway centerline

Primary Noise Sources: Traffic on Eastshore Freeway (580) and Eastshore Highway, construction from Gilman Overcross project, industrial noise, occasional train and aircraft noise

Comments: Unable to safely set up monitor on Eastshore Highway within project boundaries, so set up 340 feet south of project boundary

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	1/11/24	75.5	85.2	70.2
1:00 PM	1/11/24	75.7	95.8	70.5
2:00 PM	1/11/24	75.2	85.6	69.4
3:00 PM	1/11/24	71.8	86.9	63.3
4:00 PM	1/11/24	71.2	88.9	64.5
5:00 PM	1/11/24	70.9	84.4	64.7
6:00 PM	1/11/24	73.0	84.9	66.9
7:00 PM	1/11/24	74.9	92.4	69.6
8:00 PM	1/11/24	74.9	88.3	69.9
9:00 PM	1/11/24	74.1	82.6	67.2
10:00 PM	1/11/24	72.8	85.8	64.4
11:00 PM	1/11/24	71.8	86.1	60.6
12:00 AM	1/12/24	71.1	87.1	55.4
1:00 AM	1/12/24	70.7	95.1	57.1
2:00 AM	1/12/24	69.6	80.2	56.2
3:00 AM	1/12/24	70.3	81.4	57.8
4:00 AM	1/12/24	71.7	80.0	60.8
5:00 AM	1/12/24	74.2	84.7	65.3
6:00 AM	1/12/24	74.6	84.0	67.6
7:00 AM	1/12/24	75.4	84.1	68.4
8:00 AM	1/12/24	74.9	83.7	69.8
9:00 AM	1/12/24	75.1	82.3	69.6
10:00 AM	1/12/24	75.2	83.0	70.2
11:00 AM	1/12/24	75.5	85.8	70.3

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

Long-Term (24-Hour) Noise Level Measurement

LT-2

