

APPENDIX 5.12 GP-1: NOISE MONITORING AND MODELING

AMBIENT NOISE MONITORING DATA

Long-Term 24 Hour Continuous Noise Monitoring

Calculation Input Sheet

Project: BRS-03.0
Date: February 5-6, 2025
Site: LT-A

Hour	Leq	Lmax	L50	L90
9:00	71.6	90.5	53.5	46.0
10:00	71.4	93.8	50.7	44.6
11:00	69.9	91.8	52.9	46.3
12:00	67.7	85.0	51.5	46.5
13:00	69.6	91.5	50.4	45.4
14:00	71.9	93.0	49.4	44.5
15:00	71.7	91.3	51.8	46.7
16:00	72.7	90.9	52.8	48.4
17:00	69.6	92.1	53.2	49.1
18:00	73.8	91.6	53.1	48.6
19:00	71.2	91.5	52.0	48.0
20:00	67.1	87.0	50.0	46.1
21:00	73.5	94.0	51.5	46.1
22:00	74.4	99.8	48.1	44.7
23:00	73.5	90.8	49.0	43.5
0:00	66.5	88.2	44.6	41.0
1:00	73.1	92.3	47.4	41.8
2:00	69.6	86.2	47.3	42.5
3:00	65.3	88.2	45.5	41.2
4:00	71.8	89.0	50.9	44.8
5:00	73.5	93.2	53.8	48.3
6:00	67.8	95.3	54.3	49.6
7:00	69.2	89.9	52.2	47.2
8:00	67.8	85.9	49.4	44.9

	Averages			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	71.0	90.6	51.7	46.5
Evening (7 p.m. - 9 p.m.)	71.3	90.8	51.2	46.7
Nighttime (9 p.m. - 7 a.m.)	71.6	91.4	49.0	44.2

Percentage of Energy	
Daytime	47%
Evening	13%
Nighttime	41%

Calculated CNEL, dBA
78.2



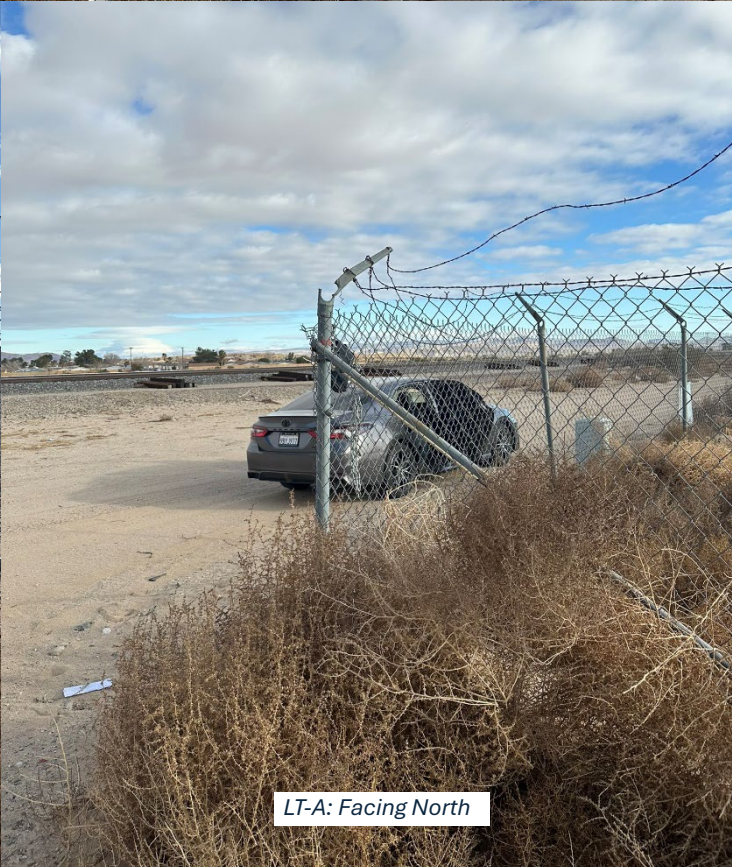
LT-A: Facing South



LT-A: Facing West



LT-A: Facing East



LT-A: Facing North

Long-Term 24 Hour Continuous Noise Monitoring

Calculation Input Sheet

Project: BRS-03.0
Date: February 5-6, 2025
Site: LT-B

Hour	Leq	Lmax	L50	L90
9:00	63.9	82.5	62.5	59.9
10:00	63.9	82.3	62.7	60.4
11:00	66.7	80.5	65.8	63.5
12:00	66.3	78.1	65.3	62.9
13:00	65.1	73.6	64.3	62.0
14:00	65.8	79.5	64.9	62.7
15:00	65.8	73.4	65.5	63.6
16:00	65.9	75.7	65.7	63.6
17:00	67.1	81.3	66.8	64.7
18:00	67.9	81.2	67.3	65.3
19:00	66.5	74.0	66.0	63.3
20:00	65.3	82.3	64.3	61.3
21:00	64.5	78.0	63.8	61.2
22:00	65.1	79.1	64.5	61.8
23:00	63.5	74.5	63.1	59.9
0:00	63.8	71.8	63.3	59.7
1:00	63.7	72.3	63.2	59.5
2:00	64.7	77.4	63.8	59.5
3:00	65.1	73.0	64.6	61.3
4:00	64.4	74.6	64.0	60.2
5:00	65.0	75.9	64.6	62.0
6:00	66.6	76.1	66.0	63.5
7:00	65.6	79.2	65.0	62.6
8:00	64.0	72.8	63.6	61.2

	Averages			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	65.8	78.3	65.0	62.7
Evening (7 p.m. - 9 p.m.)	65.5	78.1	64.7	61.9
Nighttime (9 p.m. - 7 a.m.)	64.8	75.0	64.1	60.8

Percentage of Energy	
Daytime	55%
Evening	13%
Nighttime	32%

Calculated CNEL, dBA
71.6



LT-B: Facing North



LT-B: Facing North



LT-B: Facing West

Long-Term 24 Hour Continuous Noise Monitoring

Calculation Input Sheet

Project: BRS-03.0
Date: February 5-6, 2025
Site: LT-C

Hour	Leq	Lmax	L50	L90
8:00	70.9	91.9	67.2	61.4
9:00	70.8	83.0	68.8	63.3
10:00	70.7	85.0	69.0	64.1
11:00	72.9	84.8	69.9	64.4
12:00	74.8	88.2	71.2	65.0
13:00	70.1	88.3	67.4	62.0
14:00	72.4	85.5	69.9	64.9
15:00	69.2	78.8	67.9	63.8
16:00	70.2	82.9	68.4	63.5
17:00	67.7	79.0	66.4	61.0
18:00	66.5	77.5	64.8	59.4
19:00	66.3	77.9	64.4	58.5
20:00	67.6	80.0	65.7	60.4
21:00	68.2	82.6	64.8	58.5
22:00	66.3	83.7	64.8	59.3
23:00	65.8	80.3	63.6	56.6
0:00	65.7	77.3	63.6	56.8
1:00	65.6	81.4	62.0	55.8
2:00	67.4	79.0	64.9	57.3
3:00	65.8	78.6	62.8	55.3
4:00	66.0	83.4	63.1	56.8
5:00	68.2	82.9	65.9	60.9
6:00	68.1	81.5	66.0	61.1
7:00	67.0	80.9	64.4	58.2

Averages				
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	70.9	83.8	67.9	62.6
Evening (7 p.m. - 9 p.m.)	67.4	80.2	65.0	59.1
Nighttime (9 p.m. - 7 a.m.)	66.7	80.9	64.1	57.8

Percentage of Energy	
Daytime	72%
Evening	8%
Nighttime	20%

Calculated CNEL, dBA
74.1



LT-C: Facing West



LT-C: Facing South



LT-C: Facing North

Long-Term 24 Hour Continuous Noise Monitoring **Calculation Input Sheet**

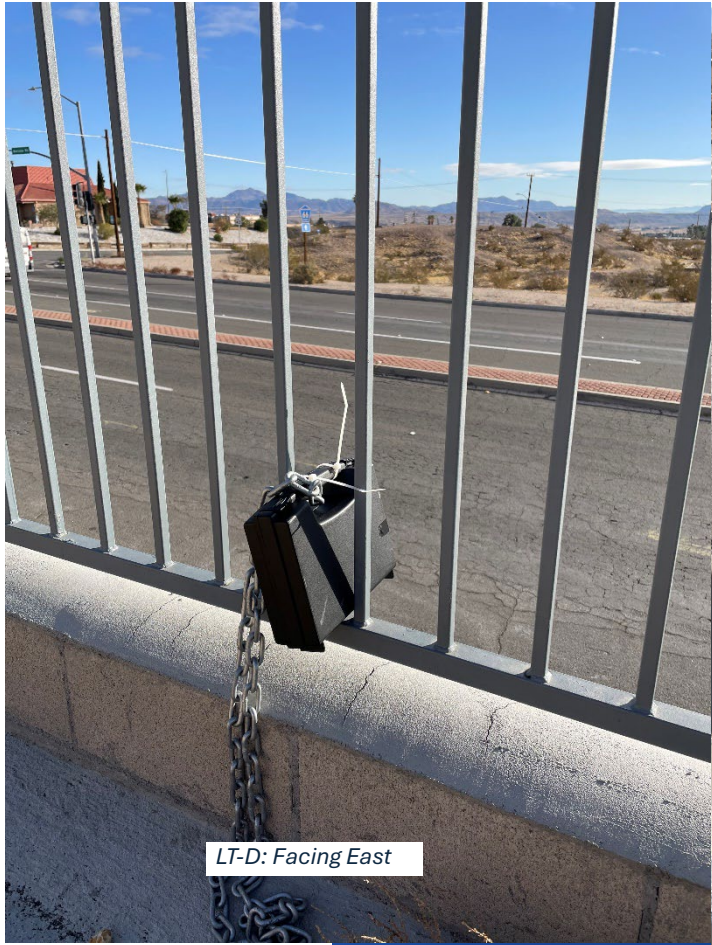
Project: **BRS-03.0**
Date: **February 5-6, 2025**
Site: **LT-D**

Hour	Leq	Lmax	L50	L90
9:00	72.3	99.8	64.0	56.4
10:00	71.2	95.2	64.3	56.3
11:00	70.9	89.7	64.4	57.0
12:00	72.2	92.1	65.7	58.1
13:00	72.5	96.5	65.3	56.7
14:00	74.7	97.2	65.0	57.7
15:00	71.6	91.8	65.5	58.5
16:00	73.2	98.7	67.2	59.8
17:00	74.2	96.8	66.3	58.5
18:00	72.4	98.4	65.3	58.1
19:00	69.7	87.5	63.2	56.1
20:00	70.1	92.5	62.4	56.1
21:00	69.7	95.1	60.6	54.5
22:00	67.2	89.8	57.3	53.5
23:00	68.2	91.7	55.7	51.8
0:00	74.7	104.7	54.6	50.7
1:00	65.0	91.7	54.1	50.5
2:00	75.5	105.7	53.0	49.1
3:00	64.1	85.4	54.1	50.5
4:00	64.5	87.5	55.0	51.0
5:00	67.1	85.4	59.6	53.6
6:00	71.6	92.1	63.9	57.0
7:00	71.4	91.3	64.9	57.6
8:00	70.8	93.9	64.2	56.8

	Averages			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	72.5	95.1	65.2	57.6
Evening (7 p.m. - 9 p.m.)	69.8	91.7	62.1	55.6
Nighttime (9 p.m. - 7 a.m.)	70.7	92.7	56.4	52.0

Percentage of Energy	
Daytime	61%
Evening	8%
Nighttime	30%

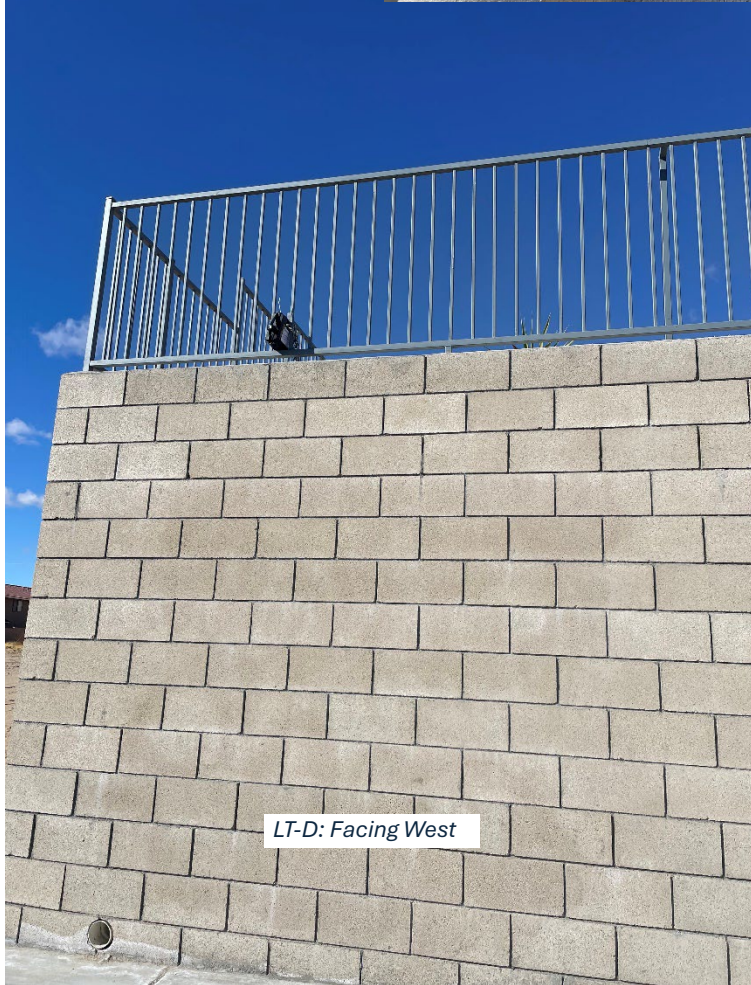
Calculated CNEL, dBA
77.5



LT-D: Facing East



LT-D: Facing South



LT-D: Facing West

Project: BRS-03.0

User: IV and LZ

Location: LT-A

No.	Start Date	Start Time	End Time	Duration	Leg	Lmax	Lmin	L1	L2	L5	L8	L10	L25	L50	L90	L95	L99
1	2/5/2025	9:00 AM	10:00 AM	1:00	71.6	90.5	40.4	83.5	82.3	79.9	78.3	77.5	59.4	53.5	46.0	44.5	42.2
2	2/5/2025	10:00 AM	11:00 AM	1:00	71.4	93.8	39.3	84.5	81.2	77.2	74.7	73.7	58.4	50.7	44.6	43.4	41.4
3	2/5/2025	11:00 AM	12:00 PM	1:00	69.9	91.8	39.7	81.6	80.3	77.7	73.4	71.7	61.3	52.9	46.3	44.8	42.2
4	2/5/2025	12:00 PM	1:00 PM	1:00	67.7	85.0	39.5	80.4	78.4	74.3	72.4	71.9	59.4	51.5	46.5	45.2	42.6
5	2/5/2025	1:00 PM	2:00 PM	1:00	69.6	91.5	39.8	81.8	79.1	76.8	72.3	70.4	57.2	50.4	45.4	44.0	41.9
6	2/5/2025	2:00 PM	3:00 PM	1:00	71.9	93.0	39.7	85.1	83.4	78.4	69.4	66.7	53.6	49.4	44.5	43.3	40.8
7	2/5/2025	3:00 PM	4:00 PM	1:00	71.7	91.3	41.3	83.1	80.9	78.5	75.6	74.1	63.0	51.8	46.7	45.1	43.2
8	2/5/2025	4:00 PM	5:00 PM	1:00	72.7	90.9	43.2	84.2	82.7	81.3	79.7	77.6	58.3	52.8	48.4	47.3	45.9
9	2/5/2025	5:00 PM	6:00 PM	1:00	69.6	92.1	42.4	80.8	79.5	77.0	72.5	70.0	58.1	53.2	49.1	47.9	45.7
10	2/5/2025	6:00 PM	7:00 PM	1:00	73.8	91.6	41.1	85.6	83.7	81.1	79.2	78.0	60.9	53.1	48.6	47.3	44.7
11	2/5/2025	7:00 PM	8:00 PM	1:00	71.2	91.5	42.7	84.3	82.6	77.3	74.1	71.6	62.5	52.0	48.0	47.1	44.9
12	2/5/2025	8:00 PM	9:00 PM	1:00	67.1	87.0	42.6	80.8	79.8	73.4	66.9	63.5	52.7	50.0	46.1	45.4	44.2
13	2/5/2025	9:00 PM	10:00 PM	1:00	73.5	94.0	41.8	85.9	80.8	78.5	77.3	76.3	62.9	51.5	46.1	45.0	42.8
14	2/5/2025	10:00 PM	11:00 PM	1:00	74.4	99.8	42.0	87.6	83.6	76.0	73.0	71.6	55.0	48.1	44.7	43.9	42.9
15	2/5/2025	11:00 PM	12:00 AM	1:00	73.5	90.8	39.7	85.0	83.0	80.4	78.8	78.2	66.8	49.0	43.5	42.6	40.7
16	2/6/2025	12:00 AM	1:00 AM	1:00	66.5	88.2	38.9	79.5	76.5	73.1	69.2	60.6	48.7	44.6	41.0	40.4	39.7
17	2/6/2025	1:00 AM	2:00 AM	1:00	73.1	92.3	38.3	85.0	83.3	79.8	77.7	76.9	56.8	47.4	41.8	40.2	38.8
18	2/6/2025	2:00 AM	3:00 AM	1:00	69.6	86.2	39.8	80.2	79.7	78.1	75.8	74.7	55.4	47.3	42.5	41.9	41.1
19	2/6/2025	3:00 AM	4:00 AM	1:00	65.3	88.2	39.2	77.1	75.5	70.5	66.8	64.5	52.8	45.5	41.2	40.6	39.7
20	2/6/2025	4:00 AM	5:00 AM	1:00	71.8	89.0	41.4	83.3	82.1	79.8	78.4	77.5	59.8	50.9	44.8	43.8	42.2
21	2/6/2025	5:00 AM	6:00 AM	1:00	73.5	93.2	42.7	85.2	84.1	81.3	79.7	77.8	56.9	53.8	48.3	46.5	44.2
22	2/6/2025	6:00 AM	7:00 AM	1:00	67.8	95.3	42.8	76.8	74.9	72.1	66.1	63.2	56.5	54.3	49.6	48.3	46.1
23	2/6/2025	7:00 AM	8:00 AM	1:00	69.2	89.9	42.9	83.8	78.8	72.9	70.9	69.3	56.3	52.2	47.2	46.0	44.3
24	2/6/2025	8:00 AM	9:00 AM	1:00	67.8	85.9	41.6	80.6	79.2	75.0	71.5	69.2	53.3	49.4	44.9	43.9	42.2

Project: BRS-03.0

User: IV and LZ

Location: LT-B

No.	<u>Start Date</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration</u>	<u>Leg</u>	<u>Lmax</u>	<u>Lmin</u>	<u>L1</u>	<u>L2</u>	<u>L5</u>	<u>L8</u>	<u>L10</u>	<u>L25</u>	<u>L50</u>	<u>L90</u>	<u>L95</u>	<u>L99</u>
1	2/5/2025	9:00 AM	10:00 AM	1:00	63.9	82.5	56.2	70.4	67.6	65.9	65.3	65.0	63.8	62.5	59.9	59.1	57.7
2	2/5/2025	10:00 AM	11:00 AM	1:00	63.9	82.3	55.8	69.7	67.3	66.0	65.5	65.2	64.0	62.7	60.4	59.6	58.4
3	2/5/2025	11:00 AM	12:00 PM	1:00	66.7	80.5	59.5	72.3	71.0	69.8	69.0	68.6	67.2	65.8	63.5	62.9	61.6
4	2/5/2025	12:00 PM	1:00 PM	1:00	66.3	78.1	59.2	72.7	71.7	70.0	69.0	68.5	66.8	65.3	62.9	62.3	60.6
5	2/5/2025	1:00 PM	2:00 PM	1:00	65.1	73.6	57.3	71.1	69.9	68.4	67.6	67.2	65.7	64.3	62.0	61.2	59.6
6	2/5/2025	2:00 PM	3:00 PM	1:00	65.8	79.5	59.9	73.0	70.4	68.2	67.6	67.3	66.1	64.9	62.7	62.0	60.9
7	2/5/2025	3:00 PM	4:00 PM	1:00	65.8	73.4	59.8	69.2	68.6	67.8	67.5	67.3	66.4	65.5	63.6	63.0	61.7
8	2/5/2025	4:00 PM	5:00 PM	1:00	65.9	75.7	60.0	69.2	68.7	68.1	67.7	67.5	66.6	65.7	63.6	63.0	62.0
9	2/5/2025	5:00 PM	6:00 PM	1:00	67.1	81.3	61.4	70.6	69.9	69.2	68.8	68.6	67.7	66.8	64.7	64.1	63.1
10	2/5/2025	6:00 PM	7:00 PM	1:00	67.9	81.2	62.2	73.6	71.6	70.2	69.5	69.3	68.3	67.3	65.3	64.7	63.6
11	2/5/2025	7:00 PM	8:00 PM	1:00	66.5	74.0	60.2	70.6	70.0	69.1	68.7	68.5	67.4	66.0	63.3	62.5	61.5
12	2/5/2025	8:00 PM	9:00 PM	1:00	65.3	82.3	57.5	69.9	69.4	68.5	67.8	67.4	65.9	64.3	61.3	60.1	58.7
13	2/5/2025	9:00 PM	10:00 PM	1:00	64.5	78.0	57.1	70.2	68.2	67.0	66.5	66.3	65.1	63.8	61.2	60.4	59.0
14	2/5/2025	10:00 PM	11:00 PM	1:00	65.1	79.1	56.3	72.0	68.9	67.4	66.9	66.6	65.6	64.5	61.8	60.9	59.4
15	2/5/2025	11:00 PM	12:00 AM	1:00	63.5	74.5	54.6	67.6	67.2	66.4	65.9	65.6	64.5	63.1	59.9	58.9	56.7
16	2/6/2025	12:00 AM	1:00 AM	1:00	63.8	71.8	55.0	68.4	67.7	66.9	66.4	66.1	64.8	63.3	59.7	58.5	56.9
17	2/6/2025	1:00 AM	2:00 AM	1:00	63.7	72.3	55.2	68.3	67.6	66.8	66.4	66.1	64.8	63.2	59.5	58.4	56.7
18	2/6/2025	2:00 AM	3:00 AM	1:00	64.7	77.4	52.5	71.2	69.6	68.2	67.5	67.2	65.7	63.8	59.5	58.2	54.5
19	2/6/2025	3:00 AM	4:00 AM	1:00	65.1	73.0	55.5	69.4	68.8	68.1	67.7	67.5	66.1	64.6	61.3	60.3	57.5
20	2/6/2025	4:00 AM	5:00 AM	1:00	64.4	74.6	55.4	68.6	68.0	67.4	66.9	66.7	65.4	64.0	60.2	59.1	57.4
21	2/6/2025	5:00 AM	6:00 AM	1:00	65.0	75.9	54.2	69.3	68.6	67.9	67.4	67.1	65.9	64.6	62.0	61.3	59.3
22	2/6/2025	6:00 AM	7:00 AM	1:00	66.6	76.1	60.2	71.6	70.3	69.3	68.8	68.5	67.3	66.0	63.5	62.8	61.5
23	2/6/2025	7:00 AM	8:00 AM	1:00	65.6	79.2	58.4	70.1	69.3	68.5	67.9	67.7	66.3	65.0	62.6	62.0	61.2
24	2/6/2025	8:00 AM	9:00 AM	1:00	64.0	72.8	56.5	68.3	67.5	66.6	66.1	65.9	64.8	63.6	61.2	60.4	58.7

Project: BRS-03.0

User: IV and LZ

Location: LT-C

<u>No.</u>	<u>Start Date</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration</u>	<u>Leg</u>	<u>Lmax</u>	<u>Lmin</u>	<u>L1</u>	<u>L2</u>	<u>L5</u>	<u>L8</u>	<u>L10</u>	<u>L25</u>	<u>L50</u>	<u>L90</u>	<u>L95</u>	<u>L99</u>
1	2/5/2025	8:00 AM	9:00 AM	1:00	70.9	91.9	51.1	79.2	78.3	75.9	74.2	73.5	70.4	67.2	61.4	59.7	57.3
2	2/5/2025	9:00 AM	10:00 AM	1:00	70.8	83.0	53.7	78.6	77.6	75.7	74.6	74.1	71.5	68.8	63.3	61.6	58.7
3	2/5/2025	10:00 AM	11:00 AM	1:00	70.7	85.0	53.1	78.0	77.2	75.3	74.3	73.8	71.5	69.0	64.1	62.6	59.7
4	2/5/2025	11:00 AM	12:00 PM	1:00	72.9	84.8	55.6	81.8	80.7	78.5	77.2	76.6	73.2	69.9	64.4	62.8	59.8
5	2/5/2025	12:00 PM	1:00 PM	1:00	74.8	88.2	55.8	83.3	82.1	80.6	79.6	79.0	75.6	71.2	65.0	63.4	60.8
6	2/5/2025	1:00 PM	2:00 PM	1:00	70.1	88.3	52.0	78.8	77.3	75.1	73.9	73.3	70.5	67.4	62.0	60.5	56.4
7	2/5/2025	2:00 PM	3:00 PM	1:00	72.4	85.5	58.1	80.6	79.3	77.5	76.6	76.0	73.1	69.9	64.9	63.3	60.6
8	2/5/2025	3:00 PM	4:00 PM	1:00	69.2	78.8	54.0	75.6	74.9	73.5	72.6	72.1	70.1	67.9	63.8	62.2	59.5
9	2/5/2025	4:00 PM	5:00 PM	1:00	70.2	82.9	54.8	77.5	76.6	74.9	73.9	73.4	71.1	68.4	63.5	62.2	58.6
10	2/5/2025	5:00 PM	6:00 PM	1:00	67.7	79.0	53.4	74.2	73.3	71.9	71.2	70.8	68.8	66.4	61.0	59.1	56.5
11	2/5/2025	6:00 PM	7:00 PM	1:00	66.5	77.5	51.3	73.9	72.8	71.2	70.3	69.8	67.4	64.8	59.4	57.1	53.7
12	2/5/2025	7:00 PM	8:00 PM	1:00	66.3	77.9	50.3	73.8	72.9	71.5	70.5	70.0	67.1	64.4	58.5	56.8	53.6
13	2/5/2025	8:00 PM	9:00 PM	1:00	67.6	80.0	48.4	75.8	74.8	72.4	71.3	70.6	68.2	65.7	60.4	58.8	55.0
14	2/5/2025	9:00 PM	10:00 PM	1:00	68.2	82.6	49.8	79.9	77.4	72.6	71.1	70.3	67.6	64.8	58.5	56.6	53.5
15	2/5/2025	10:00 PM	11:00 PM	1:00	66.3	83.7	50.7	73.0	72.4	71.1	69.9	69.3	67.0	64.8	59.3	57.7	54.8
16	2/5/2025	11:00 PM	12:00 AM	1:00	65.8	80.3	51.0	73.9	72.4	70.8	69.8	69.4	66.7	63.6	56.6	55.1	53.2
17	2/6/2025	12:00 AM	1:00 AM	1:00	65.7	77.3	48.6	73.6	72.9	70.9	69.6	69.0	66.3	63.6	56.8	54.8	50.8
18	2/6/2025	1:00 AM	2:00 AM	1:00	65.6	81.4	46.8	74.5	72.7	71.1	69.6	69.0	65.5	62.0	55.8	54.9	52.5
19	2/6/2025	2:00 AM	3:00 AM	1:00	67.4	79.0	50.6	76.1	75.3	72.8	71.4	70.9	67.8	64.9	57.3	55.7	54.1
20	2/6/2025	3:00 AM	4:00 AM	1:00	65.8	78.6	47.8	75.5	73.3	71.0	69.8	69.3	66.2	62.8	55.3	53.3	50.6
21	2/6/2025	4:00 AM	5:00 AM	1:00	66.0	83.4	44.9	74.9	73.7	71.4	70.4	69.5	66.4	63.1	56.8	54.1	47.7
22	2/6/2025	5:00 AM	6:00 AM	1:00	68.2	82.9	55.3	76.0	75.2	73.3	71.8	71.2	68.8	65.9	60.9	59.8	57.3
23	2/6/2025	6:00 AM	7:00 AM	1:00	68.1	81.5	55.2	76.4	75.0	73.0	71.9	71.5	68.6	66.0	61.1	59.9	57.5
24	2/6/2025	7:00 AM	8:00 AM	1:00	67.0	80.9	50.3	76.0	75.1	72.2	70.8	70.0	67.4	64.4	58.2	56.9	54.6

Project: BRS-03.0

User: IV and LZ

Location: LT-D

No.	<u>Start Date</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration</u>	<u>Leg</u>	<u>Lmax</u>	<u>Lmin</u>	<u>L1</u>	<u>L2</u>	<u>L5</u>	<u>L8</u>	<u>L10</u>	<u>L25</u>	<u>L50</u>	<u>L90</u>	<u>L95</u>	<u>L99</u>
1	2/5/2025	9:00 AM	10:00 AM	1:00	72.3	99.8	50.2	81.8	79.1	76.2	74.6	73.8	69.6	64.0	56.4	54.8	52.6
2	2/5/2025	10:00 AM	11:00 AM	1:00	71.2	95.2	51.5	81.3	79.4	76.9	75.3	74.5	70.3	64.3	56.3	54.9	53.0
3	2/5/2025	11:00 AM	12:00 PM	1:00	70.9	89.7	52.2	81.2	79.6	77.0	75.6	74.8	70.5	64.4	57.0	55.8	53.9
4	2/5/2025	12:00 PM	1:00 PM	1:00	72.2	92.1	52.8	83.7	80.7	77.4	76.0	75.4	71.5	65.7	58.1	56.7	54.6
5	2/5/2025	1:00 PM	2:00 PM	1:00	72.5	96.5	50.2	82.0	80.0	77.1	75.8	75.3	71.5	65.3	56.7	54.8	52.4
6	2/5/2025	2:00 PM	3:00 PM	1:00	74.7	97.2	49.8	86.7	83.1	78.2	76.1	75.3	71.2	65.0	57.7	56.1	53.0
7	2/5/2025	3:00 PM	4:00 PM	1:00	71.6	91.8	52.0	82.2	80.0	77.2	75.9	75.2	71.3	65.5	58.5	57.1	54.7
8	2/5/2025	4:00 PM	5:00 PM	1:00	73.2	98.7	53.8	82.3	80.3	77.6	76.4	75.6	72.4	67.2	59.8	58.2	55.7
9	2/5/2025	5:00 PM	6:00 PM	1:00	74.2	96.8	53.0	85.2	80.8	77.1	76.0	75.4	71.9	66.3	58.5	57.4	55.2
10	2/5/2025	6:00 PM	7:00 PM	1:00	72.4	98.4	53.5	82.3	79.3	76.5	75.2	74.6	70.8	65.3	58.1	56.7	54.9
11	2/5/2025	7:00 PM	8:00 PM	1:00	69.7	87.5	51.0	80.6	78.1	75.6	74.1	73.3	68.9	63.2	56.1	54.7	52.7
12	2/5/2025	8:00 PM	9:00 PM	1:00	70.1	92.5	51.4	80.9	78.7	75.8	74.4	73.7	69.1	62.4	56.1	54.9	52.9
13	2/5/2025	9:00 PM	10:00 PM	1:00	69.7	95.1	50.1	80.7	78.5	75.2	72.9	72.0	66.4	60.6	54.5	53.6	51.9
14	2/5/2025	10:00 PM	11:00 PM	1:00	67.2	89.8	49.5	78.8	76.2	72.7	70.3	69.2	63.1	57.3	53.5	52.7	51.0
15	2/5/2025	11:00 PM	12:00 AM	1:00	68.2	91.7	46.5	81.5	76.8	70.5	67.4	65.7	59.6	55.7	51.8	50.7	48.8
16	2/6/2025	12:00 AM	1:00 AM	1:00	74.7	104.7	47.4	82.8	76.2	70.3	66.7	65.1	58.3	54.6	50.7	49.7	48.5
17	2/6/2025	1:00 AM	2:00 AM	1:00	65.0	91.7	44.2	75.5	73.5	68.5	64.9	63.0	56.9	54.1	50.5	49.8	48.4
18	2/6/2025	2:00 AM	3:00 AM	1:00	75.5	105.7	42.3	76.0	71.0	64.8	60.9	59.2	55.5	53.0	49.1	47.5	44.1
19	2/6/2025	3:00 AM	4:00 AM	1:00	64.1	85.4	45.6	77.4	73.5	69.0	66.0	64.8	58.2	54.1	50.5	49.7	48.1
20	2/6/2025	4:00 AM	5:00 AM	1:00	64.5	87.5	46.2	75.9	73.9	70.1	67.1	65.7	59.0	55.0	51.0	49.9	47.8
21	2/6/2025	5:00 AM	6:00 AM	1:00	67.1	85.4	48.8	78.7	76.2	72.8	71.0	70.0	65.0	59.6	53.6	52.5	51.0
22	2/6/2025	6:00 AM	7:00 AM	1:00	71.6	92.1	51.7	83.4	81.3	77.6	75.8	74.9	68.9	63.9	57.0	55.8	53.8
23	2/6/2025	7:00 AM	8:00 AM	1:00	71.4	91.3	52.7	81.4	79.7	77.3	76.0	75.3	70.9	64.9	57.6	56.1	53.9
24	2/6/2025	8:00 AM	9:00 AM	1:00	70.8	93.9	51.3	81.0	79.3	76.4	75.1	74.5	70.2	64.2	56.8	55.3	53.4

Measurement Report

Report Summary

Meter's File Name	LxT_Data.039.s	Computer's File Name	BRS-03.0 ST-1.ldbin		
Meter	LxT1 0005426	Firmware	2.404		
User	LZ	Location	ST-1		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 09:50:53	Duration	0:15:00.0		
End Time	2025-02-05 10:05:53	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:14:34	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	66.2 dB		
LAE	95.7 dB	SEA	--- dB
EA	416.9 µPa²h		
EA8	13.3 mPa²h		
EA40	66.7 mPa²h		
LA _{Speak}	99.8 dB		2025-02-05 10:03:17
LA _{Smax}	83.4 dB		2025-02-05 10:03:18
LA _{Smin}	40.9 dB		2025-02-05 09:51:18
LA _{eq}	66.2 dB		
LC _{eq}	74.1 dB	LC _{eq} - LA _{eq}	7.9 dB
LA _l _{eq}	68.0 dB	LA _l _{eq} - LA _{eq}	1.8 dB

Exceedances

Count Duration

LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L _{DN}	L _{Day}	L _{Night}	
--- dB	--- dB	0.0 dB	
L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

A		C		Z	
Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	66.2 dB	--- dB		--- dB	
L _{ξ(max)}	83.4 dB	--- dB	None	--- dB	None
L _{ξ(min)}	40.9 dB	--- dB	None	--- dB	None
L _{Peak(max)}	99.8 dB	--- dB	None	--- dB	None

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 2.0	75.9 dB
LAS 8.0	71.9 dB
LAS 25.0	63.5 dB
LAS 50.0	50.9 dB
LAS 90.0	42.8 dB
LAS 99.0	41.3 dB

Measurement Report

Report Summary

Meter's File Name	LxT_Data.038.s	Computer's File Name	BRS-03.0 ST-2.ldbin		
Meter	LxT1 0005426	Firmware	2.404		
User	LZ	Location	ST-2		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 09:29:49	Duration	0:15:00.0		
End Time	2025-02-05 09:44:49	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:14:34	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	70.5 dB		
LAE	100.0 dB	SEA	--- dB
EA	1.1 mPa²h		
EA8	35.9 mPa²h		
EA40	179.5 mPa²h		
LA _{Speak}	99.1 dB		2025-02-05 09:36:34
LA _{Smax}	84.6 dB		2025-02-05 09:36:34
LA _{Smin}	41.2 dB		2025-02-05 09:41:13
LA _{eq}	70.5 dB		
LC _{eq}	74.8 dB	LC _{eq} - LA _{eq}	4.3 dB
LA _{Ieq}	73.0 dB	LA _{Ieq} - LA _{eq}	2.5 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L _{DN}	L _{Day}	L _{Night}	
--- dB	--- dB	0.0 dB	
L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

A		C		Z	
Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	70.5 dB	--- dB		--- dB	
L _{S(max)}	84.6 dB	--- dB	None	--- dB	None
L _{S(min)}	41.2 dB	--- dB	None	--- dB	None
L _{Peak(max)}	99.1 dB	--- dB	None	--- dB	None

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 2.0	79.5 dB
LAS 8.0	76.0 dB
LAS 25.0	69.7 dB
LAS 50.0	60.5 dB
LAS 90.0	45.0 dB
LAS 99.0	42.3 dB



ST-2: Facing West



ST-2: Facing East



ST-2: Facing South



ST-2: Facing North

Measurement Report

Report Summary

Meter's File Name	LxT_Data.050.s	Computer's File Name	BRS-03.0 ST-3.ldbin		
Meter	LxT1 0005424	Firmware	2.404		
User	IV	Location	ST-3		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-06 10:03:44	Duration	0:15:00.0		
End Time	2025-02-06 10:18:44	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-06 08:53:03	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	52.1 dB		
LAE	81.6 dB	SEA	--- dB
EA	16.2 µPa²h		
EA8	519.0 µPa²h		
EA40	2.6 mPa²h		
LA _{Speak}	85.2 dB		2025-02-06 10:16:49
LA _{Smax}	64.7 dB		2025-02-06 10:12:19
LA _{Smin}	44.2 dB		2025-02-06 10:08:11
LA _{eq}	52.1 dB		
LC _{eq}	68.5 dB	LC _{eq} - LA _{eq}	16.4 dB
LA _{Ieq}	53.9 dB	LA _{Ieq} - LA _{eq}	1.8 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L _{DN}	L _{Day}	L _{Night}	
--- dB	--- dB	0.0 dB	
L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	52.1 dB		--- dB		--- dB	
L _{ξ(max)}	64.7 dB	2025-02-06 10:12:19	--- dB	None	--- dB	None
L _{ξ(min)}	44.2 dB	2025-02-06 10:08:11	--- dB	None	--- dB	None
L _{Peak(max)}	85.2 dB	2025-02-06 10:16:49	--- dB	None	--- dB	None

Overloads

Count	Duration
0	0:00:00.0

Statistics

LAS 2.0	58.4 dB
LAS 8.0	55.4 dB
LAS 25.0	52.4 dB
LAS 50.0	49.8 dB
LAS 90.0	46.6 dB
LAS 99.0	44.8 dB



ST-3: Facing North



ST-3: Facing West



ST-3: Facing South



ST-3: Facing East

Measurement Report

Report Summary

Meter's File Name	LxT_Data.047.s	Computer's File Name	BRS-03.0 ST-4.ldbin		
Meter	LxT1 0005424	Firmware	2.404		
User	IV	Location	ST-4		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 10:56:33	Duration	0:15:00.0		
End Time	2025-02-05 11:11:33	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:53:09	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	44.8 dB		
LAE	74.3 dB	SEA	--- dB
EA	3.0 µPa²h		
EA8	96.6 µPa²h		
EA40	483.2 µPa²h		
LA _{Speak}	84.1 dB		2025-02-05 11:03:44
LA _{Smax}	57.9 dB		2025-02-05 11:07:59
LA _{Smin}	39.1 dB		2025-02-05 11:02:48
LA _{eq}	44.8 dB		
LC _{eq}	63.9 dB	LC _{eq} - LA _{eq}	19.1 dB
LA _{Ieq}	48.8 dB	LA _{Ieq} - LA _{eq}	4.0 dB

Exceedances	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise	L _{DN} --- dB	L _{Day} --- dB	L _{Night} 0.0 dB	
	L _{DEN} --- dB	L _{Day} --- dB	L _{Even} --- dB	L _{Night} --- dB

Any Data	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	44.8 dB		--- dB		--- dB	
L _{S(max)}	57.9 dB	2025-02-05 11:07:59	--- dB	None	--- dB	None
L _{S(min)}	39.1 dB	2025-02-05 11:02:48	--- dB	None	--- dB	None
L _{Peak(max)}	84.1 dB	2025-02-05 11:03:44	--- dB	None	--- dB	None

Overloads	Count	Duration
	0	0:00:00.0

Statistics

LAS 2.0	52.3 dB
LAS 8.0	48.4 dB
LAS 25.0	43.8 dB
LAS 50.0	41.9 dB
LAS 90.0	40.4 dB
LAS 99.0	39.6 dB



ST-4: Facing North



ST-4: Facing West



ST-4: Facing South



ST-4: Facing East

Measurement Report

Report Summary

Meter's File Name	LxT_Data.044.s	Computer's File Name	BRS-03.0 ST-5.lbin		
Meter	LxT1 0005424	Firmware	2.404		
User	IV	Location	ST-5		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 09:23:15	Duration	0:15:00.0		
End Time	2025-02-05 09:38:15	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:53:09	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	64.1 dB		
LAE	93.6 dB	SEA	--- dB
EA	257.0 µPa²h		
EA8	8.2 mPa²h		
EA40	41.1 mPa²h		
LA _{Speak}	96.3 dB	2025-02-05 09:31:21	
LA _{Smax}	79.8 dB	2025-02-05 09:37:57	
LA _{Smin}	35.6 dB	2025-02-05 09:29:56	
LA _{eq}	64.1 dB		
LC _{eq}	69.8 dB	LC _{eq} - LA _{eq}	5.7 dB
LA _{Ieq}	66.3 dB	LA _{Ieq} - LA _{eq}	2.2 dB

Exceedances	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise	L _{DN}	L _{Day}	L _{Night}	
	--- dB	--- dB	0.0 dB	
	L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
	--- dB	--- dB	--- dB	--- dB

Any Data	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	64.1 dB		--- dB		--- dB	
L _{S(max)}	79.8 dB	2025-02-05 09:37:57	--- dB	None	--- dB	None
L _{S(min)}	35.6 dB	2025-02-05 09:29:56	--- dB	None	--- dB	None
L _{Peak(max)}	96.3 dB	2025-02-05 09:31:21	--- dB	None	--- dB	None

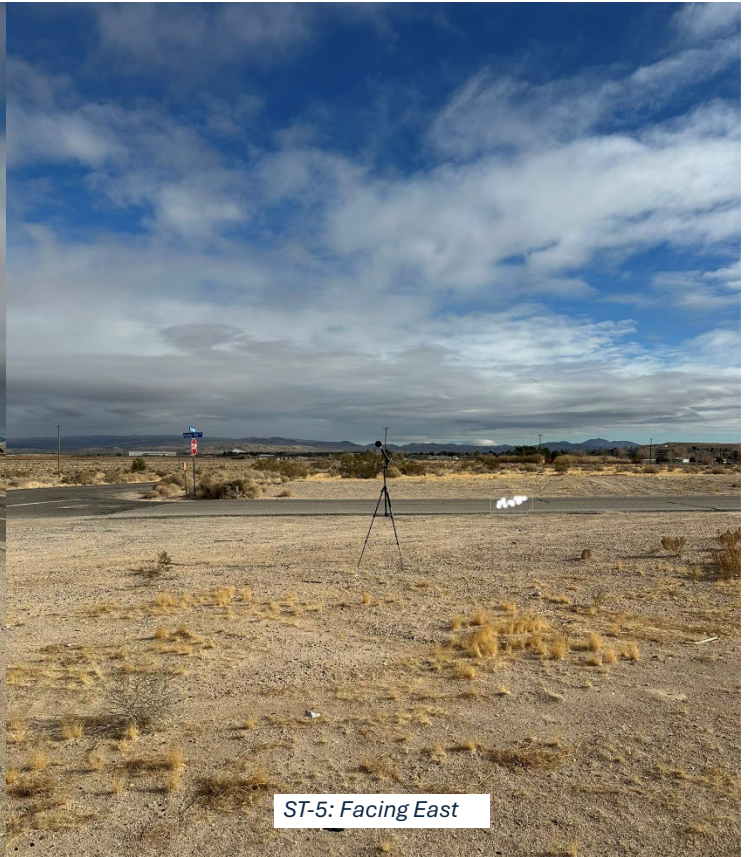
Overloads	Count	Duration
	0	0:00:00.0

Statistics

LAS 2.0	74.1 dB
LAS 8.0	70.3 dB
LAS 25.0	60.1 dB
LAS 50.0	49.3 dB
LAS 90.0	38.9 dB
LAS 99.0	36.5 dB



ST-5: Facing North



ST-5: Facing East



ST-5: Facing South



ST-5: Facing West

Measurement Report

Report Summary

Meter's File Name	LxT_Data.043.s	Computer's File Name	BRS-03.0 ST-6.ldbin		
Meter	LxT1 0005424	Firmware	2.404		
User	IV	Location	ST-6		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 08:55:46	Duration	0:15:00.0		
End Time	2025-02-05 09:10:46	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:56:30	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	52.1 dB		
LAE	81.6 dB	SEA	--- dB
EA	16.2 µPa²h		
EA8	519.0 µPa²h		
EA40	2.6 mPa²h		
LA _{Speak}	84.4 dB		2025-02-05 09:08:16
LA _{Smax}	68.9 dB		2025-02-05 09:08:54
LA _{Smin}	36.3 dB		2025-02-05 09:00:54
LA _{eq}	52.1 dB		
LC _{eq}	62.9 dB	LC _{eq} - LA _{eq}	10.8 dB
LA _{Ieq}	53.3 dB	LA _{Ieq} - LA _{eq}	1.2 dB

Exceedances	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise	L _{DN}	L _{Day}	L _{Night}	
	--- dB	--- dB	0.0 dB	
	L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
	--- dB	--- dB	--- dB	--- dB

Any Data	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	52.1 dB		--- dB		--- dB	
L _{S(max)}	68.9 dB	2025-02-05 09:08:54	--- dB	None	--- dB	None
L _{S(min)}	36.3 dB	2025-02-05 09:00:54	--- dB	None	--- dB	None
L _{Peak(max)}	84.4 dB	2025-02-05 09:08:16	--- dB	None	--- dB	None

Overloads	Count	Duration
	0	0:00:00.0

Statistics

LAS 2.0	61.3 dB
LAS 8.0	55.1 dB
LAS 25.0	50.7 dB
LAS 50.0	45.1 dB
LAS 90.0	38.5 dB
LAS 99.0	36.9 dB



ST-6: Facing West



ST-6: Facing North



ST-6: Facing East



ST-6: Facing South

Measurement Report

Report Summary

Meter's File Name	LxT_Data.046.s	Computer's File Name	BRS-03.0 ST-7A.ldbin		
Meter	LxT1 0005424	Firmware	2.404		
User	IV	Location	ST-7A		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 10:21:02	Duration	0:15:24.3		
End Time	2025-02-05 10:36:38	Run Time	0:15:13.4	Pause Time	0:00:10.9
Pre-Calibration	2025-02-05 07:53:09	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	64.2 dB		
LAE	93.8 dB	SEA	--- dB
EA	266.9 µPa²h		
EA8	8.4 mPa²h		
EA40	42.1 mPa²h		
LA _{Speak}	93.7 dB	2025-02-05 10:28:30	
LA _{Smax}	82.3 dB	2025-02-05 10:28:30	
LA _{Smin}	40.9 dB	2025-02-05 10:36:24	
LA _{eq}	64.2 dB		
LC _{eq}	75.7 dB	LC _{eq} - LA _{eq}	11.5 dB
LA _{Ieq}	66.2 dB	LA _{Ieq} - LA _{eq}	2.0 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L _{DN}	L _{Day}	L _{Night}	
--- dB	--- dB	0.0 dB	
L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

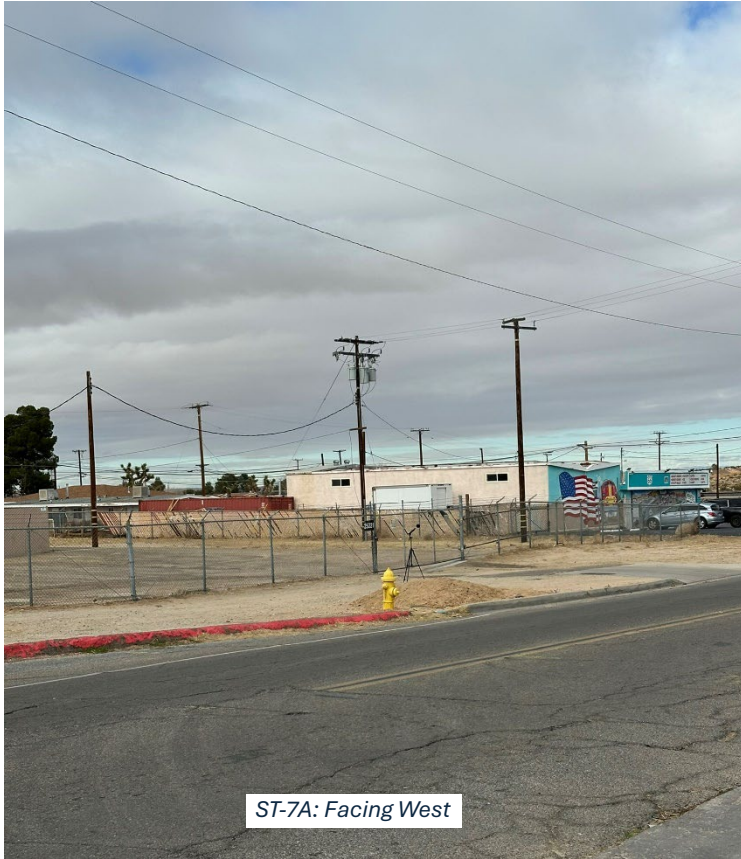
	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	64.2 dB		--- dB		--- dB	
L _{S(max)}	82.3 dB	2025-02-05 10:28:30	--- dB	None	--- dB	None
L _{S(min)}	40.9 dB	2025-02-05 10:36:24	--- dB	None	--- dB	None
L _{Peak(max)}	93.7 dB	2025-02-05 10:28:30	--- dB	None	--- dB	None

Overloads

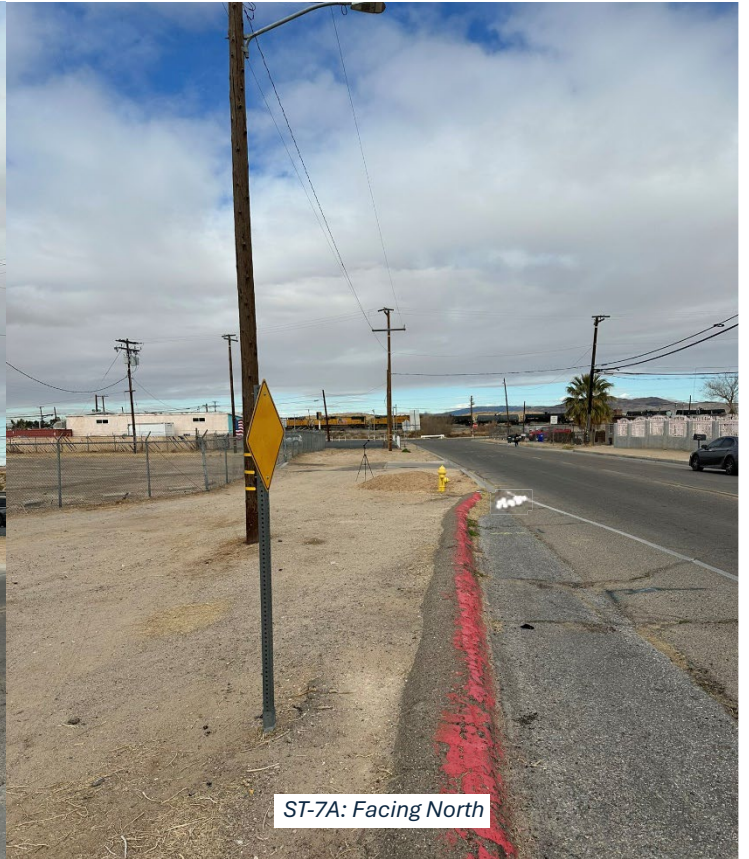
Count	Duration
0	0:00:00.0

Statistics

LAS 2.0	72.5 dB
LAS 8.0	68.3 dB
LAS 25.0	64.3 dB
LAS 50.0	54.9 dB
LAS 90.0	44.4 dB
LAS 99.0	42.1 dB



ST-7A: Facing West



ST-7A: Facing North



ST-7A: Facing East



ST-7A: Facing South

Measurement Report

Report Summary

Meter's File Name	LxT_Data.049.s	Computer's File Name	BRS-03.0 ST-7B.ldbin		
Meter	LxT1 0005424	Firmware	2.404		
User	IV	Location	ST-7B		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-06 09:28:15	Duration	0:15:00.0		
End Time	2025-02-06 09:43:15	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-06 08:54:01	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	62.5 dB		
LAE	92.0 dB	SEA	--- dB
EA	177.8 µPa²h		
EA8	5.7 mPa²h		
EA40	28.5 mPa²h		
LA _{Speak}	98.0 dB		2025-02-06 09:32:07
LA _{Smax}	74.0 dB		2025-02-06 09:36:58
LA _{Smin}	42.8 dB		2025-02-06 09:34:16
LA _{eq}	62.5 dB		
LC _{eq}	73.9 dB	LC _{eq} - LA _{eq}	11.4 dB
LA _{Ieq}	64.0 dB	LA _{Ieq} - LA _{eq}	1.5 dB

Exceedances

Count Duration

LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L _{DN}	L _{Day}	L _{Night}	
--- dB	--- dB	0.0 dB	
L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

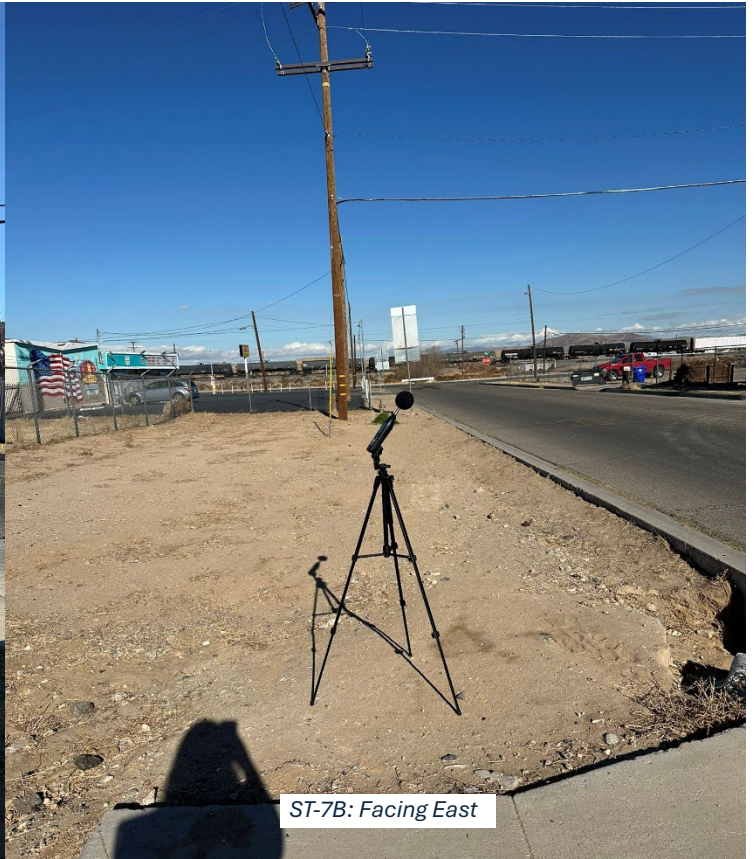
A			C			Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp	Time Stamp
L _{eq}	62.5 dB		--- dB		--- dB		
L _{ξ(max)}	74.0 dB	2025-02-06 09:36:58	--- dB	None	--- dB		None
L _{S(min)}	42.8 dB	2025-02-06 09:34:16	--- dB	None	--- dB		None
L _{Peak(max)}	98.0 dB	2025-02-06 09:32:07	--- dB	None	--- dB		None

Overloads

Count	Duration
0	0:00:00.0

Statistics

LAS 2.0	71.2 dB
LAS 8.0	69.3 dB
LAS 25.0	62.3 dB
LAS 50.0	54.5 dB
LAS 90.0	45.4 dB
LAS 99.0	43.9 dB



Measurement Report

Report Summary

Meter's File Name	LxT_Data.048.s	Computer's File Name	BRS-03.0 ST-8.ldbin		
Meter	LxT1 0005424	Firmware	2.404		
User	IV	Location	ST-8		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 11:31:25	Duration	0:15:00.0		
End Time	2025-02-05 11:46:25	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:53:09	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	52.1 dB		
LAE	81.6 dB	SEA	--- dB
EA	16.2 μPa²h		
EA8	519.0 μPa²h		
EA40	2.6 mPa²h		
LA _{Speak}	82.0 dB		2025-02-05 11:44:51
LA _{Smax}	63.1 dB		2025-02-05 11:35:13
LA _{Smin}	49.5 dB		2025-02-05 11:38:08
LA _{eq}	52.1 dB		
LC _{eq}	69.3 dB	LC _{eq} - LA _{eq}	17.2 dB
LA _{Ieq}	53.8 dB	LA _{Ieq} - LA _{eq}	1.7 dB

Exceedances

	Count	Duration
--	-------	----------

LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L _{DN}	L _{Day}	L _{Night}	
--- dB	--- dB	0.0 dB	
L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	52.1 dB		--- dB		--- dB	
L _{ξ(max)}	63.1 dB	2025-02-05 11:35:13	--- dB	None	--- dB	None
L _{ξ(min)}	49.5 dB	2025-02-05 11:38:08	--- dB	None	--- dB	None
L _{Peak(max)}	82.0 dB	2025-02-05 11:44:51	--- dB	None	--- dB	None

Overloads

Count	Duration
-------	----------

0	0:00:00.0
---	-----------

Statistics

LAS 2.0	55.4 dB
LAS 8.0	53.4 dB
LAS 25.0	52.4 dB
LAS 50.0	51.7 dB
LAS 90.0	50.6 dB
LAS 99.0	50.0 dB



ST-8: Facing East



ST-8: Facing North



ST-8: Facing West



ST-8: Facing South

Measurement Report

Report Summary

Meter's File Name	LxT_Data.045.s	Computer's File Name	BRS-03.0 ST-9.ldbin		
Meter	LxT1 0005424	Firmware	2.404		
User	IV	Location	ST-9		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 09:47:59	Duration	0:15:00.0		
End Time	2025-02-05 10:02:59	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:53:09	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics									
LA _{eq}	65.8 dB								
LAE	95.3 dB	SEA	---	dB					
EA	380.2 µPa²h								
EA8	12.2 mPa²h								
EA40	60.8 mPa²h								
LA _{Speak}	97.7 dB		2025-02-05 09:57:34						
LA _{Smax}	81.5 dB		2025-02-05 09:55:53						
LA _{Smin}	36.5 dB		2025-02-05 09:50:21						
LA _{eq}	65.8 dB								
LC _{eq}	70.8 dB	LC _{eq} - LA _{eq}	5.0 dB						
LA _l _{eq}	67.6 dB	LA _l _{eq} - LA _{eq}	1.8 dB						
Exceedances									
		Count	Duration						
LAS > 85.0 dB		0	0:00:00.0						
LAS > 115.0 dB		0	0:00:00.0						
LASpk > 135.0 dB		0	0:00:00.0						
LASpk > 137.0 dB		0	0:00:00.0						
LASpk > 140.0 dB		0	0:00:00.0						
Community Noise									
	L _{DN}	L _{Day}	L _{Night}						
	--- dB	--- dB	0.0 dB						
	L _{DEN}	L _{Day}	L _{Eve}	L _{Night}					
	--- dB	--- dB	--- dB	--- dB					
Any Data									
	A		C		Z				
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp			
L _{eq}	65.8 dB		--- dB		--- dB				
L _{ξ(max)}	81.5 dB	2025-02-05 09:55:53	--- dB	None	--- dB	None			
L _{ξ(min)}	36.5 dB	2025-02-05 09:50:21	--- dB	None	--- dB	None			
L _{Peak(max)}	97.7 dB	2025-02-05 09:57:34	--- dB	None	--- dB	None			
Overloads									
	Count	Duration							
	0	0:00:00.0							
Statistics									
LAS 2.0	77.0 dB								
LAS 8.0	71.0 dB								
LAS 25.0	59.5 dB								
LAS 50.0	48.4 dB								
LAS 90.0	40.7 dB								
LAS 99.0	37.8 dB								



ST-9: Facing North



ST-9: Facing East



ST-9: Facing South



ST-9: Facing West

Measurement Report

Report Summary

Meter's File Name	LxT_Data.050.s	Computer's File Name	BRS-03.0 ST-10.ldbin		
Meter	LxT1 0005426	Firmware	2.404		
User	LZ	Location	ST-10		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-06 09:28:37	Duration	0:15:00.0		
End Time	2025-02-06 09:43:37	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-06 08:33:27	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	47.4 dB		
LAE	76.9 dB	SEA	--- dB
EA	5.5 µPa²h		
EA8	175.9 µPa²h		
EA40	879.3 µPa²h		
LA _{Speak}	80.8 dB	2025-02-06 09:28:38	
LA _{Smax}	63.3 dB	2025-02-06 09:28:39	
LA _{Smin}	42.0 dB	2025-02-06 09:37:55	
LA _{eq}	47.4 dB		
LC _{eq}	64.0 dB	LC _{eq} - LA _{eq}	16.6 dB
LA _{Ieq}	52.9 dB	LA _{Ieq} - LA _{eq}	5.5 dB

Exceedances

Count Duration

LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L _{DN}	L _{Day}	L _{Night}	
--- dB	--- dB	0.0 dB	
L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

A		C		Z	
Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	47.4 dB	--- dB		--- dB	
L _{S(max)}	63.3 dB	--- dB	None	--- dB	None
L _{S(min)}	42.0 dB	--- dB	None	--- dB	None
L _{Peak(max)}	80.8 dB	--- dB	None	--- dB	None

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 2.0	56.5 dB
LAS 8.0	48.2 dB
LAS 25.0	46.0 dB
LAS 50.0	44.9 dB
LAS 90.0	43.4 dB
LAS 99.0	42.4 dB



ST-10: Facing North



ST-10: Facing West



ST-10: Facing South



ST-10: Facing East

Measurement Report

Report Summary

Meter's File Name	LxT_Data.040.s	Computer's File Name	BRS-03.0 ST-11.ldbin		
Meter	LxT1 0005426	Firmware	2.404		
User	LZ	Location	ST--11		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 10:16:45	Duration	0:15:00.0		
End Time	2025-02-05 10:31:45	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:14:34	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	54.5 dB		
LAE	84.0 dB	SEA	--- dB
EA	28.2 µPa²h		
EA8	901.9 µPa²h		
EA40	4.5 mPa²h		
LA _{Speak}	87.6 dB	2025-02-05 10:21:26	
LA _{Smax}	66.5 dB	2025-02-05 10:20:20	
LA _{Smin}	46.1 dB	2025-02-05 10:27:10	
LA _{eq}	54.5 dB		
LC _{eq}	68.3 dB	LC _{eq} - LA _{eq}	13.8 dB
LA _{Ieq}	57.8 dB	LA _{Ieq} - LA _{eq}	3.3 dB

Exceedances

Count Duration

LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L _{DN}	L _{Day}	L _{Night}	
--- dB	--- dB	0.0 dB	
L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

A		C		Z	
Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	54.5 dB	--- dB		--- dB	
L _{S(max)}	66.5 dB	--- dB	None	--- dB	None
L _{S(min)}	46.1 dB	--- dB	None	--- dB	None
L _{Peak(max)}	87.6 dB	--- dB	None	--- dB	None

Overloads

Count	Duration	OBA Count	OBA Duration
0	0:00:00.0	0	0:00:00.0

Statistics

LAS 2.0	63.3 dB
LAS 8.0	59.8 dB
LAS 25.0	52.7 dB
LAS 50.0	49.9 dB
LAS 90.0	48.0 dB
LAS 99.0	46.8 dB



ST-11: Facing East



ST-11: Facing North



ST-11: Facing South



ST-11: Facing West

Measurement Report

Report Summary

Meter's File Name	LxT_Data.041.s	Computer's File Name	BRS-03.0 ST-12.ldbin		
Meter	LxT1 0005426	Firmware	2.404		
User	LZ	Location	ST-12		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 10:42:25	Duration	0:15:00.0		
End Time	2025-02-05 10:57:25	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:14:34	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	50.7 dB		
LAE	80.2 dB	SEA	--- dB
EA	11.7 µPa²h		
EA8	376.0 µPa²h		
EA40	1.9 mPa²h		
LA _{Speak}	87.4 dB		2025-02-05 10:54:44
LA _{Smax}	68.4 dB		2025-02-05 10:54:44
LA _{Smin}	43.6 dB		2025-02-05 10:54:18
LA _{eq}	50.7 dB		
LC _{eq}	61.7 dB	LC _{eq} - LA _{eq}	11.0 dB
LA _{Ieq}	57.4 dB	LA _{Ieq} - LA _{eq}	6.7 dB

Exceedances

Count

Duration

LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L_{DN}

L_{Day}

L_{Night}

--- dB	--- dB	0.0 dB
--------	--------	--------

L_{DEN}

L_{Day}

L_{Eve}

L_{Night}

--- dB	--- dB	--- dB	--- dB
--------	--------	--------	--------

Any Data

A

C

Z

	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	50.7 dB		--- dB		--- dB	
L _{S(max)}	68.4 dB	2025-02-05 10:54:44	--- dB	None	--- dB	None
L _{S(min)}	43.6 dB	2025-02-05 10:54:18	--- dB	None	--- dB	None
L _{Peak(max)}	87.4 dB	2025-02-05 10:54:44	--- dB	None	--- dB	None

Overloads

Count

Duration

OBA Count

OBA Duration

0	0:00:00.0	0	0:00:00.0
---	-----------	---	-----------

Statistics

LAS 2.0	58.7 dB
LAS 8.0	52.7 dB
LAS 25.0	49.8 dB
LAS 50.0	48.1 dB
LAS 90.0	45.8 dB
LAS 99.0	44.6 dB



ST-12: Facing North



ST-12: Facing West



ST-12: Facing South



ST-12: Facing East

Measurement Report

Report Summary

Meter's File Name	LxT_Data.037.s	Computer's File Name	BRS-03.0 ST-13.ldbin		
Meter	LxT1 0005426	Firmware	2.404		
User	LZ	Location	ST-13		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-05 09:08:15	Duration	0:15:00.0		
End Time	2025-02-05 09:23:15	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-05 07:14:36	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	52.5 dB		
LAE	82.0 dB	SEA	--- dB
EA	17.8 µPa²h		
EA8	569.0 µPa²h		
EA40	2.8 mPa²h		
LA _S _{peak}	83.2 dB		2025-02-05 09:14:14
LA _S _{max}	69.5 dB		2025-02-05 09:21:11
LA _S _{min}	47.3 dB		2025-02-05 09:09:12
LA _{eq}	52.5 dB		
LC _{eq}	63.1 dB	LC _{eq} - LA _{eq}	10.6 dB
LA _I _{eq}	54.0 dB	LA _I _{eq} - LA _{eq}	1.5 dB

Exceedances

	Count	Duration
--	-------	----------

LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise

L _{DN}	L _{Day}	L _{Night}	
--- dB	--- dB	0.0 dB	
L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
--- dB	--- dB	--- dB	--- dB

Any Data

	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	52.5 dB		--- dB		--- dB	
L _S (max)	69.5 dB	2025-02-05 09:21:11	--- dB	None	--- dB	None
L _S (min)	47.3 dB	2025-02-05 09:09:12	--- dB	None	--- dB	None
L _{Peak} (max)	83.2 dB	2025-02-05 09:14:14	--- dB	None	--- dB	None

Overloads	Count	Duration	OBA Count	OBA Duration
	0	0:00:00.0	0	0:00:00.0

Statistics

LAS 2.0	59.2 dB
LAS 8.0	53.6 dB
LAS 25.0	51.7 dB
LAS 50.0	50.4 dB
LAS 90.0	48.5 dB
LAS 99.0	47.8 dB



ST-13: Facing North



ST-13: Facing West



ST-13: Facing South



ST-13: Facing East

Measurement Report

Report Summary

Meter's File Name	LxT_Data.049.s	Computer's File Name	BRS-03.0 ST-14.ldbin		
Meter	LxT1 0005426	Firmware	2.404		
User	LZ	Location	ST-14		
Job Description	BRS-03.0				
Note					
Start Time	2025-02-06 09:05:18	Duration	0:15:00.0		
End Time	2025-02-06 09:20:18	Run Time	0:15:00.0	Pause Time	0:00:00.0
Pre-Calibration	2025-02-06 08:33:27	Post-Calibration	None	Calibration Deviation	---

Results

Overall Metrics

LA _{eq}	55.9 dB		
LAE	85.4 dB	SEA	--- dB
EA	38.9 µPa²h		
EA8	1.2 mPa²h		
EA40	6.2 mPa²h		
LA _{Speak}	85.5 dB	2025-02-06 09:17:39	
LA _{Smax}	72.4 dB	2025-02-06 09:17:39	
LA _{Smin}	43.5 dB	2025-02-06 09:12:37	
LA _{eq}	55.9 dB		
LC _{eq}	64.9 dB	LC _{eq} - LA _{eq}	9.0 dB
LA _{Ieq}	58.1 dB	LA _{Ieq} - LA _{eq}	2.2 dB

Exceedances

	Count	Duration
LAS > 85.0 dB	0	0:00:00.0
LAS > 115.0 dB	0	0:00:00.0
LASpk > 135.0 dB	0	0:00:00.0
LASpk > 137.0 dB	0	0:00:00.0
LASpk > 140.0 dB	0	0:00:00.0

Community Noise	L _{DN}	L _{Day}	L _{Night}	
	--- dB	--- dB	0.0 dB	
	L _{DEN}	L _{Day}	L _{Eve}	L _{Night}
	--- dB	--- dB	--- dB	--- dB

Any Data	A		C		Z	
	Level	Time Stamp	Level	Time Stamp	Level	Time Stamp
L _{eq}	55.9 dB		--- dB		--- dB	
L _{s(max)}	72.4 dB	2025-02-06 09:17:39	--- dB	None	--- dB	None
L _{S(min)}	43.5 dB	2025-02-06 09:12:37	--- dB	None	--- dB	None
L _{Peak(max)}	85.5 dB	2025-02-06 09:17:39	--- dB	None	--- dB	None

Overloads	Count	Duration	OBA Count	OBA Duration
	0	0:00:00.0	0	0:00:00.0

Statistics

LAS 2.0	66.2 dB
LAS 8.0	60.5 dB
LAS 25.0	50.8 dB
LAS 50.0	47.0 dB
LAS 90.0	44.5 dB
LAS 99.0	43.9 dB



ST-14: Facing North



ST-14: Facing West



ST-14: Facing East



ST-14: Facing South

TRAFFIC NOISE MODELING

Traffic Noise Calculator: FHWA 77-108							Barstow General Plan Update EIR (BRS-3.0) Existing 2023 Traffic Noise																		
ID	Output			Distance to CNEL Contour			Inputs																Auto Inputs		
	L _{eq-24hr}	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway		Segment From - To	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver	Ground Absorption	Lane Distance		
1	51.4	55.1	56.2	6	13	28	Riverside Dr	1st Ave	Yucca Ave	1,530	25	0.0%	92.3%	7.5%	0.2%	55.4%	29.8%	14.8%	2	Soft	50	0.5	20		
2	61.2	66.0	66.8	31	66	142	Main St	Western City Boundary	Lenwood Rd	3,800	45	0.0%	93.5%	5.5%	1.0%	49.0%	28.1%	22.9%	2	Soft	50	0.5	20		
3	66.1	71.1	71.7	65	141	304	Main St	Lenwood Rd	SR-58	10,330	45	0.0%	92.5%	5.7%	1.8%	51.5%	24.5%	24.0%	4	Soft	50	0.5	44		
4	66.5	70.4	71.4	62	133	288	Main St		L St	8,020	45	0.0%	88.5%	6.0%	5.5%	54.2%	29.6%	16.2%	4	Soft	50	0.5	44		
5	68.0	71.6	72.7	75	162	350	Main St	L St	1st Ave	13,910	45	0.0%	85.4%	13.9%	0.7%	55.9%	30.0%	14.1%	4	Soft	50	0.5	44		
6	67.3	71.3	72.2	70	152	327	Main St	1st Ave	Barstow Rd	13,050	45	0.0%	88.6%	10.8%	0.6%	55.2%	27.9%	16.8%	4	Soft	50	0.5	44		
7	65.7	69.6	70.6	54	117	253	Main St	Barstow Rd	I-15	11,140	45	0.0%	95.1%	4.0%	0.9%	54.7%	29.1%	16.2%	4	Soft	50	0.5	44		
8	65.8	69.7	70.7	56	120	258	Main St		I-40	8,090	45	0.0%	85.7%	12.9%	1.4%	55.2%	28.8%	15.9%	4	Soft	50	0.5	44		
9	57.2	60.8	61.8	14	31	66	Mountain View St	Ave A	Barstow Rd	2,740	35	0.0%	92.0%	7.8%	0.2%	57.8%	27.7%	14.5%	2	Soft	50	0.5	20		
10	57.5	61.3	62.3	15	33	71	Mountain View St	Barstow Rd	Main St	3,200	35	0.0%	93.9%	5.9%	0.2%	55.8%	28.6%	15.6%	2	Soft	50	0.5	20		
11	65.5	69.4	70.4	53	115	247	Armory Rd	Barstow Rd	Muriel Dr	8,110	45	0.0%	85.5%	14.2%	0.3%	54.1%	29.7%	16.2%	3	Soft	50	0.5	32		
12	63.8	67.7	68.7	41	88	190	Armory Rd		Montara Rd	7,520	45	0.0%	94.4%	5.1%	0.5%	54.5%	29.5%	16.1%	2	Soft	50	0.5	20		
13	64.8	69.3	70.1	51	109	235	Rimrock Rd	H St	Barstow Rd	6,760	45	0.0%	84.6%	15.0%	0.4%	53.5%	26.4%	20.1%	2	Soft	50	0.5	20		
14	67.3	71.5	72.4	73	156	337	Rimrock Rd	Barstow Rd	Muriel Dr	8,540	45	0.0%	72.1%	27.6%	0.3%	53.0%	28.7%	18.3%	4	Soft	50	0.5	44		
15	60.8	64.9	65.8	26	56	121	Rimrock Rd	Muriel Dr	Montara Rd	3,660	45	0.0%	92.9%	7.0%	0.1%	55.4%	27.1%	17.4%	2	Soft	50	0.5	20		
16	65.7	69.8	70.8	56	122	262	Lenwood Rd	Agate Rd	Main St	6,890	50	0.0%	85.8%	13.7%	0.5%	52.9%	29.7%	17.3%	2	Soft	50	0.5	20		
17	65.1	69.3	70.3	52	112	242	Lenwood Rd	Main St	High Desert Rd	4,270	50	0.0%	82.8%	11.0%	6.2%	52.0%	29.7%	18.2%	2	Soft	50	0.5	20		
18	68.6	72.7	73.7	88	189	407	Lenwood Rd	High Desert Rd	I-15	11,790	50	0.0%	87.6%	9.3%	3.1%	52.9%	29.5%	17.5%	4	Soft	50	0.5	44		
19	66.2	70.1	71.1	59	127	274	Lenwood Rd	I-15	Mercantile Way	7,960	50	0.0%	92.3%	5.0%	2.7%	55.6%	28.4%	16.0%	4	Soft	50	0.5	44		
20	67.8	71.7	72.7	76	163	351	L St	Main St	I-15	10,010	45	0.0%	83.1%	12.4%	4.5%	54.4%	29.3%	16.3%	4	Soft	50	0.5	44		
21	63.1	67.6	68.4	39	85	182	L St	I-15	Southern City Boundary	5,080	45	0.0%	87.6%	12.0%	0.4%	52.5%	27.8%	19.7%	2	Soft	50	0.5	20		
22	62.3	66.2	67.1	32	69	148	H St	Main St	I-15	3,460	50	0.0%	90.9%	7.9%	1.2%	57.0%	26.8%	16.2%	2	Soft	50	0.5	20		
23	65.1	69.0	70.1	51	109	235	Irwin Rd	Old Hwy 58	1st Avenue	4,690	55	0.0%	84.0%	15.7%	0.3%	52.7%	31.0%	16.3%	2	Soft	50	0.5	20		
24	62.7	66.6	67.6	35	75	161	1st Ave	Old Hwy 58	Irwin Rd	3,580	50	0.0%	87.7%	11.7%	0.6%	53.9%	29.8%	16.4%	2	Soft	50	0.5	20		
25	62.8	66.7	67.7	35	76	163	1st Ave	Irwin Rd	Main St	7,020	35	0.0%	84.6%	14.9%	0.5%	53.3%	30.4%	16.3%	2	Soft	50	0.5	20		
26	62.2	66.0	67.0	32	68	147	Barstow Rd	Main St	Mountain View St	9,120	35	0.0%	93.6%	6.0%	0.4%	55.4%	29.4%	15.3%	3	Soft	50	0.5	32		
27	63.9	67.9	68.8	42	90	194	Barstow Rd	Mountain View St	I-15	11,670	35	0.0%	90.8%	8.8%	0.4%	54.4%	29.0%	16.6%	3	Soft	50	0.5	32		
28	67.4	71.5	72.5	73	158	340	Barstow Rd	I-15	Rimrock Rd	12,210	45	0.0%	90.4%	6.7%	2.9%	52.9%	29.8%	17.3%	4	Soft	50	0.5	44		
29	64.8	68.5	69.7	47	102	220	Barstow Rd	Rimrock Rd	Southern City Boundary	3,620	45	0.0%	75.3%	15.8%	8.9%	52.5%	32.4%	15.1%	4	Soft	50	0.5	44		
30	54.2	58.0	59.0	9	20	43	Muriel Dr	Main St	Mountain View St	2,800	25	0.0%	91.7%	8.1%	0.2%	56.4%	28.0%	15.5%	2	Soft	50	0.5	20		
31	62.1	66.0	66.9	31	67	145	Muriel Dr	Mountain View St	Armory Rd	9,270	35	0.0%	93.8%	6.0%	0.2%	56.5%	27.6%	15.9%	2	Soft	50	0.5	20		
32	60.5	64.4	65.4	25	53	115	Muriel Dr	Armory Rd	Rimrock Rd	5,430	40	0.0%	96.9%	3.0%	0.1%	55.2%	28.7%	16.1%	4	Soft	50	0.5	44		
33	55.2	59.1	60.1	11	23	50	Yucca Ave	Riverside Dr	Main St	2,490	30	0.0%	92.2%	7.7%	0.1%	55.5%	28.4%	16.1%	2	Soft	50	0.5	20		
34	65.8	69.6	70.6	55	118	254	Montara Rd	I-40	Rimrock Rd	12,120	40	0.0%	90.8%	7.9%	1.3%	56.7%	27.4%	15.9%	4	Soft	50	0.5	44		

Traffic Noise Calculator: FHWA 77-108						Barstow General Plan Update EIR (BRS-3.0) Cumulative No Project Traffic Noise																			
ID	Output			Inputs																	Auto Inputs				
	dBA at 50 feet		Distance to CNEL Contour	Roadway			Segment From - To	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver	Ground Absorption	Lane Distance				
	L _{eq-24hr}	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA																			
1	54.1	57.8	58.9	9	20	42	Riverside Dr	1st Ave	Yucca Ave	3,790	25	0.0%	96.2%	3.6%	0.2%	55.2%	29.9%	14.8%	2	Soft	50	0.5	20		
2	72.4	77.9	78.5	185	398	858	Main St	Western City Boundary	Lenwood Rd	18,920	45	0.0%	80.4%	4.5%	15.1%	47.3%	24.3%	28.5%	2	Soft	50	0.5	20		
3	66.4	70.3	71.3	61	131	282	Main St	Lenwood Rd	SR-58	11,390	45	0.0%	93.2%	5.1%	1.7%	54.8%	28.8%	16.4%	4	Soft	50	0.5	44		
4	67.7	71.5	72.5	73	158	341	Main St	SR-58	L St	13,790	45	0.0%	93.3%	3.5%	3.2%	54.9%	29.2%	15.8%	4	Soft	50	0.5	44		
5	68.3	72.3	73.3	83	178	384	Main St	L St	1st Ave	15,710	45	0.0%	87.2%	12.2%	0.6%	54.3%	28.8%	17.0%	4	Soft	50	0.5	44		
6	67.3	70.0	71.5	63	135	291	Main St	1st Ave	Barstow Rd	13,060	45	0.0%	88.6%	10.8%	0.6%	56.0%	34.2%	9.8%	4	Soft	50	0.5	44		
7	66.3	69.8	70.9	57	123	265	Main St	Barstow Rd	I-15	13,660	45	0.0%	96.0%	3.3%	0.7%	57.1%	29.4%	13.5%	4	Soft	50	0.5	44		
8	65.8	69.6	70.7	55	120	258	Main St	I-15	I-40	8,110	45	0.0%	85.7%	12.9%	1.4%	54.7%	29.8%	15.6%	4	Soft	50	0.5	44		
9	57.3	60.7	61.7	14	30	65	Mountain View St	Ave A	Barstow Rd	2,820	35	0.0%	92.3%	7.5%	0.2%	59.7%	26.8%	13.5%	2	Soft	50	0.5	20		
10	57.8	61.6	62.7	16	35	75	Mountain View St	Barstow Rd	Main St	3,610	35	0.0%	94.6%	5.2%	0.2%	54.4%	30.0%	15.7%	2	Soft	50	0.5	20		
11	65.5	69.3	70.2	52	112	241	Armory Rd	Barstow Rd	Muriel Dr	8,200	45	0.0%	85.7%	14.0%	0.3%	57.9%	26.6%	15.5%	3	Soft	50	0.5	32		
12	63.8	67.7	68.7	41	88	191	Armory Rd	Muriel Dr	Montara Rd	7,570	45	0.0%	94.4%	5.1%	0.5%	53.5%	30.7%	15.8%	2	Soft	50	0.5	20		
13	64.9	68.5	69.5	46	99	214	Rimrock Rd	H St	Barstow Rd	6,860	45	0.0%	84.6%	14.9%	0.5%	59.5%	25.8%	14.7%	2	Soft	50	0.5	20		
14	67.3	70.8	71.9	67	143	309	Rimrock Rd	Barstow Rd	Muriel Dr	8,610	45	0.0%	72.1%	27.5%	0.4%	58.4%	28.0%	13.6%	4	Soft	50	0.5	44		
15	61.3	64.9	65.9	27	58	124	Rimrock Rd	Muriel Dr	Montara Rd	3,800	45	0.0%	91.7%	7.7%	0.6%	57.3%	28.7%	14.0%	2	Soft	50	0.5	20		
16	67.4	71.0	72.0	68	147	317	Lenwood Rd	Agate Rd	Main St	7,940	50	0.0%	82.1%	14.4%	3.5%	57.6%	27.7%	14.6%	2	Soft	50	0.5	20		
17	74.5	80.3	80.8	263	566	1220	Lenwood Rd	Main St	High Desert Rd	13,880	50	0.0%	54.5%	11.3%	34.2%	46.3%	22.8%	30.9%	2	Soft	50	0.5	20		
18	74.5	80.3	80.8	263	567	1221	Lenwood Rd	High Desert Rd	I-15	19,840	50	0.0%	69.4%	10.2%	20.4%	46.6%	22.8%	30.6%	4	Soft	50	0.5	44		
19	66.2	70.0	71.0	58	126	271	Lenwood Rd	I-15	Mercantile Way	7,990	50	0.0%	92.3%	5.0%	2.7%	56.7%	27.7%	15.6%	4	Soft	50	0.5	44		
20	67.8	71.9	72.9	78	168	361	L St	Main St	I-15	10,470	45	0.0%	84.0%	11.7%	4.3%	53.4%	29.3%	17.3%	4	Soft	50	0.5	44		
21	64.4	68.6	69.5	46	99	213	L St	I-15	Southern City Boundary	7,780	45	0.0%	91.5%	8.1%	0.4%	54.6%	27.6%	17.8%	2	Soft	50	0.5	20		
22	62.3	66.3	67.3	33	71	153	H St	Main St	I-15	3,540	50	0.0%	91.1%	7.7%	1.2%	54.9%	28.3%	16.8%	2	Soft	50	0.5	20		
23	65.2	69.3	70.3	52	113	243	Irwin Rd	Old Hwy 58	1st Avenue	4,780	55	0.0%	84.3%	15.4%	0.3%	52.5%	29.8%	17.8%	2	Soft	50	0.5	20		
24	67.5	71.4	72.4	72	155	333	1st Ave	Old Hwy 58	Irwin Rd	13,960	50	0.0%	95.6%	3.7%	0.7%	55.7%	27.9%	16.4%	2	Soft	50	0.5	20		
25	64.6	68.6	69.5	47	100	216	1st Ave	Irwin Rd	Main St	14,010	35	0.0%	91.7%	7.7%	0.6%	55.1%	27.9%	17.1%	2	Soft	50	0.5	20		
26	62.3	66.0	67.0	31	68	146	Barstow Rd	Main St	Mountain View St	9,150	35	0.0%	93.6%	6.0%	0.4%	57.6%	26.9%	15.5%	3	Soft	50	0.5	32		
27	63.9	67.7	68.7	41	88	190	Barstow Rd	Mountain View St	I-15	11,710	35	0.0%	90.7%	8.9%	0.4%	57.1%	27.3%	15.6%	3	Soft	50	0.5	32		
28	69.0	72.1	73.3	83	179	385	Barstow Rd	I-15	Rimrock Rd	13,570	45	0.0%	86.3%	8.1%	5.6%	58.9%	29.5%	11.5%	4	Soft	50	0.5	44		
29	67.9	71.0	72.1	70	150	323	Barstow Rd	Rimrock Rd	Southern City Boundary	6,030	45	0.0%	71.1%	15.3%	13.6%	59.8%	29.0%	11.3%	4	Soft	50	0.5	44		
30	54.2	57.8	58.8	9	19	42	Muriel Dr	Main St	Mountain View St	2,830	25	0.0%	91.8%	8.0%	0.2%	56.9%	29.1%	13.9%	2	Soft	50	0.5	20		
31	62.1	65.7	66.7	30	65	140	Muriel Dr	Mountain View St	Armory Rd	9,320	35	0.0%	93.8%	6.0%	0.2%	57.4%	28.6%	14.0%	2	Soft	50	0.5	20		
32	60.6	63.8	64.9	23	49	106	Muriel Dr	Armory Rd	Rimrock Rd	5,510	40	0.0%	96.9%	3.0%	0.1%	61.1%	26.6%	12.2%	4	Soft	50	0.5	44		
33	57.1	60.8	61.9	14	31	66	Yucca Ave	Riverside Dr	Main St	4,910	30	0.0%	96.0%	3.9%	0.1%	54.9%	30.2%	14.9%	2	Soft	50	0.5	20		
34	67.2	71.4	72.3	71	153	329	Montara Rd	I-40	Rimrock Rd	13,860	40	0.0%	89.0%	7.9%	3.1%	54.5%	27.9%	17.6%	4	Soft	50	0.5	44		
35	46.4	50.2	51.3	3	6	13	Lenwood Rd to Barstow Rd Interconnect	I-15	H St	310	35	0.0%	98.6%	0.7%	0.7%	54.9%	29.6%	15.5%	2	Soft	50	0.5	20		

Traffic Noise Calculator: FHWA 77-108									Barstow General Plan Update EIR (BRS-3.0) Cumulative Plus Project Traffic Noise													
ID	Output						Inputs														Auto Inputs	
	dBA at 50 feet			Distance to CNEL Contour																	Ground Absorption	Lane Distance
	L _{eq} 24hr	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway	Segment From - To	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver		
1	51.5	55.3	56.3	6	13	29	Riverside Dr	1st Ave	1,570	25	0.0%	92.5%	7.3%	0.2%	55.0%	29.1%	15.9%	2	Soft	50	0.5	20
2	73.0	78.7	79.2	206	444	957	Main St	Western City Boundary	16,630	45	0.0%	72.4%	6.2%	21.4%	46.4%	23.9%	29.6%	2	Soft	50	0.5	20
3	67.2	70.6	71.8	66	142	307	Main St	Lenwood Rd	11,100	45	0.0%	89.7%	7.1%	3.2%	54.0%	32.7%	13.3%	4	Soft	50	0.5	44
4	68.6	72.2	73.3	83	178	384	Main St	SR-58	10,640	45	0.0%	84.1%	8.4%	7.5%	54.3%	31.3%	14.4%	4	Soft	50	0.5	44
5	68.5	72.4	73.4	85	182	392	Main St	L St	15,460	45	0.0%	86.1%	12.8%	1.1%	53.2%	31.0%	15.9%	4	Soft	50	0.5	44
6	67.5	71.2	72.3	71	152	329	Main St	1st Ave	13,980	45	0.0%	89.3%	10.1%	0.6%	55.7%	29.0%	15.3%	4	Soft	50	0.5	44
7	65.9	69.6	70.6	55	119	256	Main St	Barstow Rd	11,680	45	0.0%	95.2%	3.9%	0.9%	55.7%	29.0%	15.3%	4	Soft	50	0.5	44
8	66.1	69.9	70.9	58	124	268	Main St	I-15	8,280	45	0.0%	85.2%	13.1%	1.7%	55.1%	28.9%	16.0%	4	Soft	50	0.5	44
9	58.6	62.4	63.4	18	39	85	Mountain View St	Ave A	4,050	35	0.0%	93.9%	5.7%	0.4%	54.4%	30.2%	15.4%	2	Soft	50	0.5	20
10	57.7	61.5	62.6	16	34	74	Mountain View St	Barstow Rd	3,510	35	0.0%	94.5%	5.3%	0.2%	54.6%	29.8%	15.6%	2	Soft	50	0.5	20
11	65.5	69.4	70.4	53	114	246	Armory Rd	Barstow Rd	8,200	45	0.0%	85.6%	14.1%	0.3%	55.4%	28.7%	15.9%	3	Soft	50	0.5	32
12	64.0	68.0	69.1	43	93	201	Armory Rd	Muriel Dr	8,080	45	0.0%	94.8%	4.7%	0.5%	52.0%	31.4%	16.6%	2	Soft	50	0.5	20
13	66.9	70.8	71.9	66	143	309	Rimrock Rd	H St	13,500	45	0.0%	91.7%	7.5%	0.8%	53.2%	30.5%	16.3%	2	Soft	50	0.5	20
14	68.3	72.2	73.2	82	176	380	Rimrock Rd	Barstow Rd	14,560	45	0.0%	84.0%	15.6%	0.4%	54.0%	30.1%	15.9%	4	Soft	50	0.5	44
15	61.8	65.7	66.7	30	65	139	Rimrock Rd	Muriel Dr	4,950	45	0.0%	94.5%	5.4%	0.1%	54.9%	29.2%	15.9%	2	Soft	50	0.5	20
16	72.5	76.8	77.7	162	350	753	Lenwood Rd	Agate Rd	16,580	50	0.0%	72.2%	16.4%	11.4%	54.2%	27.1%	18.7%	2	Soft	50	0.5	20
17	76.0	81.4	82.0	317	684	1473	Lenwood Rd	Main St	26,770	50	0.0%	69.2%	7.2%	23.6%	47.7%	24.9%	27.4%	2	Soft	50	0.5	20
18	76.3	81.4	82.1	321	691	1489	Lenwood Rd	High Desert Rd	36,590	50	0.0%	77.0%	7.0%	16.0%	50.0%	25.3%	24.7%	4	Soft	50	0.5	44
19	68.5	72.2	73.2	81	175	377	Lenwood Rd	I-15	16,280	50	0.0%	95.9%	2.6%	1.5%	56.9%	28.3%	14.8%	4	Soft	50	0.5	44
20	68.5	72.3	73.4	84	181	389	L St	Main St	12,960	45	0.0%	86.0%	10.0%	4.0%	53.2%	31.3%	15.5%	4	Soft	50	0.5	44
21	64.9	68.8	69.8	49	105	226	L St	I-15	8,090	45	0.0%	91.2%	7.7%	1.1%	52.9%	30.6%	16.5%	2	Soft	50	0.5	20
22	62.3	66.2	67.2	33	70	151	H St	Main St	3,540	50	0.0%	91.1%	7.7%	1.2%	54.9%	29.2%	15.9%	2	Soft	50	0.5	20
23	65.2	69.3	70.3	53	113	244	Irwin Rd	Old Hwy 58	4,880	55	0.0%	84.6%	15.1%	0.3%	51.0%	31.9%	17.1%	2	Soft	50	0.5	20
24	62.8	66.7	67.7	35	76	164	1st Ave	Old Hwy 58	3,650	50	0.0%	87.6%	11.7%	0.7%	53.5%	30.2%	16.3%	2	Soft	50	0.5	20
25	62.9	66.9	67.9	36	78	169	1st Ave	Irwin Rd	7,370	35	0.0%	85.3%	14.2%	0.5%	51.5%	31.6%	16.9%	2	Soft	50	0.5	20
26	63.5	67.4	68.4	39	84	181	Barstow Rd	Main St	13,040	35	0.0%	95.0%	4.5%	0.5%	55.0%	29.3%	15.7%	3	Soft	50	0.5	32
27	64.9	68.8	69.8	49	105	226	Barstow Rd	Mountain View St	15,710	35	0.0%	92.6%	6.8%	0.6%	54.7%	29.2%	16.1%	3	Soft	50	0.5	32
28	70.1	73.8	74.9	105	227	489	Barstow Rd	I-15	23,570	45	0.0%	92.3%	4.5%	3.2%	55.5%	29.8%	14.8%	4	Soft	50	0.5	44
29	68.2	70.6	72.0	68	146	314	Barstow Rd	Rimrock Rd	5,070	45	0.0%	63.1%	18.1%	18.8%	61.1%	30.6%	8.3%	4	Soft	50	0.5	44
30	54.5	58.3	59.3	10	21	45	Muriel Dr	Main St	3,130	25	0.0%	92.5%	7.3%	0.2%	55.4%	28.7%	15.9%	2	Soft	50	0.5	20
31	62.2	66.0	67.0	32	68	147	Muriel Dr	Mountain View St	9,620	35	0.0%	94.0%	5.8%	0.2%	55.4%	28.9%	15.7%	2	Soft	50	0.5	20
32	62.1	66.0	67.0	32	68	147	Muriel Dr	Armory Rd	8,220	40	0.0%	97.7%	2.2%	0.1%	54.1%	30.0%	15.9%	4	Soft	50	0.5	44
33	55.2	59.0	60.0	11	23	50	Yucca Ave	Riverside Dr	2,500	30	0.0%	92.2%	7.7%	0.1%	55.7%	28.8%	15.5%	2	Soft	50	0.5	20
34	66.1	70.1	71.1	59	127	274	Montara Rd	I-40	13,740	40	0.0%	91.8%	7.0%	1.2%	54.2%	29.0%	16.8%	4	Soft	50	0.5	44
35	54.9	59.2	60.0	11	23	50	Lenwood Rd to Barstow Rd Interconnect	I-15	2,230	35	0.0%	98.9%	0.4%	0.7%	56.5%	24.6%	18.9%	2	Soft	50	0.5	20

Traffic Noise Calculator: FHWA 77-108							Barstow General Plan Update EIR (BRS-3.0) Existing 2023 Traffic Noise at 100 feet																		
ID	Output			Distance to CNEL Contour			Inputs																Auto Inputs		
	L _{eq-24hr}	L _{dn}	CNEL				Roadway			Segment From - To			ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver	Ground Absorption
1	46.9	50.6	51.6	6	13	28	Riverside Dr	1st Ave	Yucca Ave	1,530	25	0.0%	92.3%	7.5%	0.2%	55.4%	29.8%	14.8%	2	Soft	100	0.5	20		
2	56.7	61.5	62.3	31	66	142	Main St	Western City Boundary	Lenwood Rd	3,800	45	0.0%	93.5%	5.5%	1.0%	49.0%	28.1%	22.9%	2	Soft	100	0.5	20		
3	61.6	66.6	67.2	65	141	304	Main St	Lenwood Rd	SR-58	10,330	45	0.0%	92.5%	5.7%	1.8%	51.5%	24.5%	24.0%	4	Soft	100	0.5	44		
4	62.0	65.9	66.9	62	133	288	Main St	SR-58	L St	8,020	45	0.0%	88.5%	6.0%	5.5%	54.2%	29.6%	16.2%	4	Soft	100	0.5	44		
5	63.5	67.1	68.2	75	162	350	Main St	L St	1st Ave	13,910	45	0.0%	85.4%	13.9%	0.7%	55.9%	30.0%	14.1%	4	Soft	100	0.5	44		
6	62.8	66.8	67.7	70	152	327	Main St	1st Ave	Barstow Rd	13,050	45	0.0%	88.6%	10.8%	0.6%	55.2%	27.9%	16.8%	4	Soft	100	0.5	44		
7	61.1	65.1	66.0	54	117	253	Main St	Barstow Rd	I-15	11,140	45	0.0%	95.1%	4.0%	0.9%	54.7%	29.1%	16.2%	4	Soft	100	0.5	44		
8	61.3	65.2	66.2	56	120	258	Main St	I-15	I-40	8,090	45	0.0%	85.7%	12.9%	1.4%	55.2%	28.8%	15.9%	4	Soft	100	0.5	44		
9	52.7	56.3	57.3	14	31	66	Mountain View St	Ave A	Barstow Rd	2,740	35	0.0%	92.0%	7.8%	0.2%	57.8%	27.7%	14.5%	2	Soft	100	0.5	20		
10	52.9	56.8	57.7	15	33	71	Mountain View St	Barstow Rd	Main St	3,200	35	0.0%	93.9%	5.9%	0.2%	55.8%	28.6%	15.6%	2	Soft	100	0.5	20		
11	61.0	64.9	65.9	53	115	247	Armory Rd	Barstow Rd	Muriel Dr	8,110	45	0.0%	85.5%	14.2%	0.3%	54.1%	29.7%	16.2%	3	Soft	100	0.5	32		
12	59.3	63.2	64.2	41	88	190	Armory Rd	Muriel Dr	Montara Rd	7,520	45	0.0%	94.4%	5.1%	0.5%	54.5%	29.5%	16.1%	2	Soft	100	0.5	20		
13	60.3	64.8	65.6	51	109	235	Rimrock Rd	H St	Barstow Rd	6,760	45	0.0%	84.6%	15.0%	0.4%	53.5%	26.4%	20.1%	2	Soft	100	0.5	20		
14	62.8	67.0	67.9	73	156	337	Rimrock Rd	Barstow Rd	Muriel Dr	8,540	45	0.0%	72.1%	27.6%	0.3%	53.0%	28.7%	18.3%	4	Soft	100	0.5	44		
15	56.3	60.4	61.3	26	56	121	Rimrock Rd	Muriel Dr	Montara Rd	3,660	45	0.0%	92.9%	7.0%	0.1%	55.4%	27.1%	17.4%	2	Soft	100	0.5	20		
16	61.2	65.3	66.3	56	122	262	Lenwood Rd	Agate Rd	Main St	6,890	50	0.0%	85.8%	13.7%	0.5%	52.9%	29.7%	17.3%	2	Soft	100	0.5	20		
17	60.6	64.8	65.8	52	112	242	Lenwood Rd	Main St	High Desert Rd	4,270	50	0.0%	82.8%	11.0%	6.2%	52.0%	29.7%	18.2%	2	Soft	100	0.5	20		
18	64.1	68.2	69.1	88	189	407	Lenwood Rd	High Desert Rd	I-15	11,790	50	0.0%	87.6%	9.3%	3.1%	52.9%	29.5%	17.5%	4	Soft	100	0.5	44		
19	61.7	65.6	66.6	59	127	274	Lenwood Rd	I-15	Mercantile Way	7,960	50	0.0%	92.3%	5.0%	2.7%	55.6%	28.4%	16.0%	4	Soft	100	0.5	44		
20	63.3	67.2	68.2	76	163	351	L St	Main St	I-15	10,010	45	0.0%	83.1%	12.4%	4.5%	54.4%	29.3%	16.3%	4	Soft	100	0.5	44		
21	58.6	63.1	63.9	39	85	182	L St	I-15	Southern City Boundary	5,080	45	0.0%	87.6%	12.0%	0.4%	52.5%	27.8%	19.7%	2	Soft	100	0.5	20		
22	57.7	61.6	62.6	32	69	148	H St	Main St	I-15	3,460	50	0.0%	90.9%	7.9%	1.2%	57.0%	26.8%	16.2%	2	Soft	100	0.5	20		
23	60.6	64.5	65.6	51	109	235	Irwin Rd	Old Hwy 58	1st Avenue	4,690	55	0.0%	84.0%	15.7%	0.3%	52.7%	31.0%	16.3%	2	Soft	100	0.5	20		
24	58.2	62.1	63.1	35	75	161	1st Ave	Old Hwy 58	Irwin Rd	3,580	50	0.0%	87.7%	11.7%	0.6%	53.9%	29.8%	16.4%	2	Soft	100	0.5	20		
25	58.2	62.2	63.2	35	76	163	1st Ave	Irwin Rd	Main St	7,020	35	0.0%	84.6%	14.9%	0.5%	53.3%	30.4%	16.3%	2	Soft	100	0.5	20		
26	57.7	61.5	62.5	32	68	147	Barstow Rd	Main St	Mountain View St	9,120	35	0.0%	93.6%	6.0%	0.4%	55.4%	29.4%	15.3%	3	Soft	100	0.5	32		
27	59.4	63.3	64.3	42	90	194	Barstow Rd	Mountain View St	I-15	11,670	35	0.0%	90.8%	8.8%	0.4%	54.4%	29.0%	16.6%	3	Soft	100	0.5	32		
28	62.9	67.0	68.0	73	158	340	Barstow Rd	I-15	Rimrock Rd	12,210	45	0.0%	90.4%	6.7%	2.9%	52.9%	29.8%	17.3%	4	Soft	100	0.5	44		
29	60.3	64.0	65.1	47	102	220	Barstow Rd	Rimrock Rd	Southern City Boundary	3,620	45	0.0%	75.3%	15.8%	8.9%	52.5%	32.4%	15.1%	4	Soft	100	0.5	44		
30	49.7	53.5	54.5	9	20	43	Muriel Dr	Main St	Mountain View St	2,800	25	0.0%	91.7%	8.1%	0.2%	56.4%	28.0%	15.5%	2	Soft	100	0.5	20		
31	57.6	61.4	62.4	31	67	145	Muriel Dr	Mountain View St	Armory Rd	9,270	35	0.0%	93.8%	6.0%	0.2%	56.5%	27.6%	15.9%	2	Soft	100	0.5	20		
32	56.0	59.9	60.9	25	53	115	Muriel Dr	Armory Rd	Rimrock Rd	5,430	40	0.0%	96.9%	3.0%	0.1%	55.2%	28.7%	16.1%	4	Soft	100	0.5	44		
33	50.7	54.6	55.5	11	23	50	Yucca Ave	Riverside Dr	Main St	2,490	30	0.0%	92.2%	7.7%	0.1%	55.5%	28.4%	16.1%	2	Soft	100	0.5	20		
34	61.3	65.1	66.1	55	118	254	Montara Rd	I-40	Rimrock Rd	12,120	40	0.0%	90.8%	7.9%	1.3%	56.7%	27.4%	15.9%	4	Soft	100	0.5	44		

Traffic Noise Calculator: FHWA 77-108						Barstow General Plan Update EIR (BRS-3.0) Cumulative No Project Traffic Noise at 100 feet																		
ID	Output			Inputs																	Auto Inputs			
	dBA at 50 feet		Distance to CNEL Contour	70 dBA	65 dBA	60 dBA	Roadway			Segment From - To	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver	Ground Absorption	Lane Distance
L _{eq} 24hr	L _{dn}	CNEL																						
1	49.6	53.3	54.4	9	20	42	Riverside Dr		1st Ave	Yucca Ave	3,790	25	0.0%	96.2%	3.6%	0.2%	55.2%	29.9%	14.8%	2	Soft	100	0.5	20
2	67.9	73.4	74.0	185	398	858	Main St		Western City Boundary	Lenwood Rd	18,920	45	0.0%	80.4%	4.5%	15.1%	47.3%	24.3%	28.5%	2	Soft	100	0.5	20
3	61.8	65.8	66.8	61	131	282	Main St		Lenwood Rd	SR-58	11,390	45	0.0%	93.2%	5.1%	1.7%	54.8%	28.8%	16.4%	4	Soft	100	0.5	44
4	63.1	67.0	68.0	73	158	341	Main St		SR-58	L St	13,790	45	0.0%	93.3%	3.5%	3.2%	54.9%	29.2%	15.8%	4	Soft	100	0.5	44
5	63.8	67.8	68.8	83	178	384	Main St		L St	1st Ave	15,710	45	0.0%	87.2%	12.2%	0.6%	54.3%	28.8%	17.0%	4	Soft	100	0.5	44
6	62.8	65.5	67.0	63	135	291	Main St		1st Ave	Barstow Rd	13,060	45	0.0%	88.6%	10.8%	0.6%	56.0%	34.2%	9.8%	4	Soft	100	0.5	44
7	61.8	65.2	66.3	57	123	265	Main St		Barstow Rd	I-15	13,660	45	0.0%	96.0%	3.3%	0.7%	57.1%	29.4%	13.5%	4	Soft	100	0.5	44
8	61.3	65.1	66.2	55	120	258	Main St		I-15	I-40	8,110	45	0.0%	85.7%	12.9%	1.4%	54.7%	29.8%	15.6%	4	Soft	100	0.5	44
9	52.8	56.2	57.2	14	30	65	Mountain View St		Ave A	Barstow Rd	2,820	35	0.0%	92.3%	7.5%	0.2%	59.7%	26.8%	13.5%	2	Soft	100	0.5	20
10	53.3	57.1	58.2	16	35	75	Mountain View St		Barstow Rd	Main St	3,610	35	0.0%	94.6%	5.2%	0.2%	54.4%	30.0%	15.7%	2	Soft	100	0.5	20
11	61.0	64.8	65.7	52	112	241	Armory Rd		Barstow Rd	Muriel Dr	8,200	45	0.0%	85.7%	14.0%	0.3%	57.9%	26.6%	15.5%	3	Soft	100	0.5	32
12	59.3	63.1	64.2	41	88	191	Armory Rd		Muriel Dr	Montara Rd	7,570	45	0.0%	94.4%	5.1%	0.5%	53.5%	30.7%	15.8%	2	Soft	100	0.5	20
13	60.4	64.0	65.0	46	99	214	Rimrock Rd		H St	Barstow Rd	6,860	45	0.0%	84.6%	14.9%	0.5%	59.5%	25.8%	14.7%	2	Soft	100	0.5	20
14	62.8	66.3	67.3	67	143	309	Rimrock Rd		Barstow Rd	Muriel Dr	8,610	45	0.0%	72.1%	27.5%	0.4%	58.4%	28.0%	13.6%	4	Soft	100	0.5	44
15	56.8	60.4	61.4	27	58	124	Rimrock Rd		Muriel Dr	Montara Rd	3,800	45	0.0%	91.7%	7.7%	0.6%	57.3%	28.7%	14.0%	2	Soft	100	0.5	20
16	62.9	66.5	67.5	68	147	317	Lenwood Rd		Agate Rd	Main St	7,940	50	0.0%	82.1%	14.4%	3.5%	57.6%	27.7%	14.6%	2	Soft	100	0.5	20
17	70.0	75.8	76.3	263	566	1220	Lenwood Rd		Main St	High Desert Rd	13,880	50	0.0%	54.5%	11.3%	34.2%	46.3%	22.8%	30.9%	2	Soft	100	0.5	20
18	70.0	75.8	76.3	263	567	1221	Lenwood Rd		High Desert Rd	I-15	19,840	50	0.0%	69.4%	10.2%	20.4%	46.6%	22.8%	30.6%	4	Soft	100	0.5	44
19	61.7	65.5	66.5	58	126	271	Lenwood Rd		I-15	Mercantile Way	7,990	50	0.0%	92.3%	5.0%	2.7%	56.7%	27.7%	15.6%	4	Soft	100	0.5	44
20	63.3	67.4	68.4	78	168	361	L St		Main St	I-15	10,470	45	0.0%	84.0%	11.7%	4.3%	53.4%	29.3%	17.3%	4	Soft	100	0.5	44
21	59.9	64.0	64.9	46	99	213	L St		I-15	Southern City Boundary	7,780	45	0.0%	91.5%	8.1%	0.4%	54.6%	27.6%	17.8%	2	Soft	100	0.5	20
22	57.8	61.8	62.8	33	71	153	H St		Main St	I-15	3,540	50	0.0%	91.1%	7.7%	1.2%	54.9%	28.3%	16.8%	2	Soft	100	0.5	20
23	60.7	64.8	65.8	52	113	243	Irwin Rd		Old Hwy 58	1st Avenue	4,780	55	0.0%	84.3%	15.4%	0.3%	52.5%	29.8%	17.8%	2	Soft	100	0.5	20
24	63.0	66.9	67.8	72	155	333	1st Ave		Old Hwy 58	Irwin Rd	13,960	50	0.0%	95.6%	3.7%	0.7%	55.7%	27.9%	16.4%	2	Soft	100	0.5	20
25	60.1	64.1	65.0	47	100	216	1st Ave		Irwin Rd	Main St	14,010	35	0.0%	91.7%	7.7%	0.6%	55.1%	27.9%	17.1%	2	Soft	100	0.5	20
26	57.7	61.5	62.5	31	68	146	Barstow Rd		Main St	Mountain View St	9,150	35	0.0%	93.6%	6.0%	0.4%	57.6%	26.9%	15.5%	3	Soft	100	0.5	32
27	59.4	63.2	64.2	41	88	190	Barstow Rd		Mountain View St	I-15	11,710	35	0.0%	90.7%	8.9%	0.4%	57.1%	27.3%	15.6%	3	Soft	100	0.5	32
28	64.5	67.6	68.8	83	179	385	Barstow Rd		I-15	Rimrock Rd	13,570	45	0.0%	86.3%	8.1%	5.6%	58.9%	29.5%	11.5%	4	Soft	100	0.5	44
29	63.4	66.5	67.6	70	150	323	Barstow Rd		Rimrock Rd	Southern City Boundary	6,030	45	0.0%	71.1%	15.3%	13.6%	59.8%	29.0%	11.3%	4	Soft	100	0.5	44
30	49.7	53.2	54.3	9	19	42	Muriel Dr		Main St	Mountain View St	2,830	25	0.0%	91.8%	8.0%	0.2%	56.9%	29.1%	13.9%	2	Soft	100	0.5	20
31	57.6	61.1	62.2	30	65	140	Muriel Dr		Mountain View St	Armory Rd	9,320	35	0.0%	93.8%	6.0%	0.2%	57.4%	28.6%	14.0%	2	Soft	100	0.5	20
32	56.1	59.3	60.4	23	49	106	Muriel Dr		Armory Rd	Rimrock Rd	5,510	40	0.0%	96.9%	3.0%	0.1%	61.1%	26.6%	12.2%	4	Soft	100	0.5	44
33	52.6	56.3	57.3	14	31	66	Yucca Ave		Riverside Dr	Main St	4,910	30	0.0%	96.0%	3.9%	0.1%	54.9%	30.2%	14.9%	2	Soft	100	0.5	20
34	62.7	66.8	67.7	71	153	329	Montara Rd		I-40	Rimrock Rd	13,860	40	0.0%	89.0%	7.9%	3.1%	54.5%	27.9%	17.6%	4	Soft	100	0.5	44
35	41.9	45.7	46.8	3	6	13	Lenwood Rd to Barstow Rd Interconnect		I-15	H St	310	35	0.0%	98.6%	0.7%	0.7%	54.9%	29.6%	15.5%	2	Soft	100	0.5	20

Traffic Noise Calculator: FHWA 77-108							Barstow General Plan Update EIR (BRS-3.0) Cumulative Plus Project Traffic Noise at 100 feet																		
ID	Output			Inputs																	Auto Inputs				
	dBA at 50 feet		Distance to CNEL Contour																		Ground Absorption	Lane Distance			
	L _{eq-24hr}	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway			Segment From - To	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver			
1	47.0	50.8	51.8	6	13	29	Riverside Dr		1st Ave	Yucca Ave	1,570	25	0.0%	92.5%	7.3%	0.2%	55.0%	29.1%	15.9%	2	Soft	100	0.5	20	
2	68.5	74.1	74.7	206	444	957	Main St		Western City Boundary	Lenwood Rd	16,630	45	0.0%	72.4%	6.2%	21.4%	46.4%	23.9%	29.6%	2	Soft	100	0.5	20	
3	62.7	66.1	67.3	66	142	307	Main St		Lenwood Rd	SR-58	11,100	45	0.0%	89.7%	7.1%	3.2%	54.0%	32.7%	13.3%	4	Soft	100	0.5	44	
4	64.0	67.7	68.8	83	178	384	Main St		SR-58	L St	10,640	45	0.0%	84.1%	8.4%	7.5%	54.3%	31.3%	14.4%	4	Soft	100	0.5	44	
5	64.0	67.8	68.9	85	182	392	Main St		L St	1st Ave	15,460	45	0.0%	86.1%	12.8%	1.1%	53.2%	31.0%	15.9%	4	Soft	100	0.5	44	
6	63.0	66.7	67.7	71	152	329	Main St		1st Ave	Barstow Rd	13,980	45	0.0%	89.3%	10.1%	0.6%	55.7%	29.0%	15.3%	4	Soft	100	0.5	44	
7	61.3	65.1	66.1	55	119	256	Main St		Barstow Rd	I-15	11,680	45	0.0%	95.2%	3.9%	0.9%	55.7%	29.0%	15.3%	4	Soft	100	0.5	44	
8	61.6	65.4	66.4	58	124	268	Main St		I-15	I-40	8,280	45	0.0%	85.2%	13.1%	1.7%	55.1%	28.9%	16.0%	4	Soft	100	0.5	44	
9	54.1	57.9	58.9	18	39	85	Mountain View St		Ave A	Barstow Rd	4,050	35	0.0%	93.9%	5.7%	0.4%	54.4%	30.2%	15.4%	2	Soft	100	0.5	20	
10	53.2	57.0	58.0	16	34	74	Mountain View St		Barstow Rd	Main St	3,510	35	0.0%	94.5%	5.3%	0.2%	54.6%	29.8%	15.6%	2	Soft	100	0.5	20	
11	61.0	64.9	65.9	53	114	246	Armory Rd		Barstow Rd	Muriel Dr	8,200	45	0.0%	85.6%	14.1%	0.3%	55.4%	28.7%	15.9%	3	Soft	100	0.5	32	
12	59.5	63.5	64.5	43	93	201	Armory Rd		Muriel Dr	Montara Rd	8,080	45	0.0%	94.8%	4.7%	0.5%	52.0%	31.4%	16.6%	2	Soft	100	0.5	20	
13	62.4	66.3	67.3	66	143	309	Rimrock Rd		H St	Barstow Rd	13,500	45	0.0%	91.7%	7.5%	0.8%	53.2%	30.5%	16.3%	2	Soft	100	0.5	20	
14	63.8	67.7	68.7	82	176	380	Rimrock Rd		Barstow Rd	Muriel Dr	14,560	45	0.0%	84.0%	15.6%	0.4%	54.0%	30.1%	15.9%	4	Soft	100	0.5	44	
15	57.3	61.1	62.2	30	65	139	Rimrock Rd		Muriel Dr	Montara Rd	4,950	45	0.0%	94.5%	5.4%	0.1%	54.9%	29.2%	15.9%	2	Soft	100	0.5	20	
16	68.0	72.3	73.2	162	350	753	Lenwood Rd		Agate Rd	Main St	16,580	50	0.0%	72.2%	16.4%	11.4%	54.2%	27.1%	18.7%	2	Soft	100	0.5	20	
17	71.5	76.9	77.5	317	684	1473	Lenwood Rd		Main St	High Desert Rd	26,770	50	0.0%	69.2%	7.2%	23.6%	47.7%	24.9%	27.4%	2	Soft	100	0.5	20	
18	71.8	76.9	77.6	321	691	1489	Lenwood Rd		High Desert Rd	I-15	36,590	50	0.0%	77.0%	7.0%	16.0%	50.0%	25.3%	24.7%	4	Soft	100	0.5	44	
19	64.0	67.6	68.7	81	175	377	Lenwood Rd		I-15	Mercantile Way	16,280	50	0.0%	95.9%	2.6%	1.5%	56.9%	28.3%	14.8%	4	Soft	100	0.5	44	
20	64.0	67.8	68.9	84	181	389	L St		Main St	I-15	12,960	45	0.0%	86.0%	10.0%	4.0%	53.2%	31.3%	15.5%	4	Soft	100	0.5	44	
21	60.3	64.3	65.3	49	105	226	L St		I-15	Southern City Boundary	8,090	45	0.0%	91.2%	7.7%	1.1%	52.9%	30.6%	16.5%	2	Soft	100	0.5	20	
22	57.8	61.7	62.7	33	70	151	H St		Main St	I-15	3,540	50	0.0%	91.1%	7.7%	1.2%	54.9%	29.2%	15.9%	2	Soft	100	0.5	20	
23	60.7	64.8	65.8	53	113	244	Irwin Rd		Old Hwy 58	1st Avenue	4,880	55	0.0%	84.6%	15.1%	0.3%	51.0%	31.9%	17.1%	2	Soft	100	0.5	20	
24	58.3	62.2	63.2	35	76	164	1st Ave		Old Hwy 58	Irwin Rd	3,650	50	0.0%	87.6%	11.7%	0.7%	53.5%	30.2%	16.3%	2	Soft	100	0.5	20	
25	58.3	62.4	63.4	36	78	169	1st Ave		Irwin Rd	Main St	7,370	35	0.0%	85.3%	14.2%	0.5%	51.5%	31.6%	16.9%	2	Soft	100	0.5	20	
26	59.0	62.9	63.9	39	84	181	Barstow Rd		Main St	Mountain View St	13,040	35	0.0%	95.0%	4.5%	0.5%	55.0%	29.3%	15.7%	3	Soft	100	0.5	32	
27	60.4	64.3	65.3	49	105	226	Barstow Rd		Mountain View St	I-15	15,710	35	0.0%	92.6%	6.8%	0.6%	54.7%	29.2%	16.1%	3	Soft	100	0.5	32	
28	65.6	69.3	70.3	105	227	489	Barstow Rd		I-15	Rimrock Rd	23,570	45	0.0%	92.3%	4.5%	3.2%	55.5%	29.8%	14.8%	4	Soft	100	0.5	44	
29	63.6	66.1	67.5	68	146	314	Barstow Rd		Rimrock Rd	Southern City Boundary	5,070	45	0.0%	63.1%	18.1%	18.8%	61.1%	30.6%	8.3%	4	Soft	100	0.5	44	
30	50.0	53.8	54.8	10	21	45	Muriel Dr		Main St	Mountain View St	3,130	25	0.0%	92.5%	7.3%	0.2%	55.4%	28.7%	15.9%	2	Soft	100	0.5	20	
31	57.7	61.5	62.5	32	68	147	Muriel Dr		Mountain View St	Armory Rd	9,620	35	0.0%	94.0%	5.8%	0.2%	55.4%	28.9%	15.7%	2	Soft	100	0.5	20	
32	57.6	61.5	62.5	32	68	147	Muriel Dr		Armory Rd	Rimrock Rd	8,220	40	0.0%	97.7%	2.2%	0.1%	54.1%	30.0%	15.9%	4	Soft	100	0.5	44	
33	50.7	54.5	55.5	11	23	50	Yucca Ave		Riverside Dr	Main St	2,500	30	0.0%	92.2%	7.7%	0.1%	55.7%	28.8%	15.5%	2	Soft	100	0.5	20	
34	61.6	65.6	66.6	59	127	274	Montara Rd		I-40	Rimrock Rd	13,740	40	0.0%	91.8%	7.0%	1.2%	54.2%	29.0%	16.8%	4	Soft	100	0.5	44	
35	50.4	54.7	55.5	11	23	50	Lenwood Rd to Barstow Rd Interconnect		I-15	H St	2,230	35	0.0%	98.9%	0.4%	0.7%	56.5%	24.6%	18.9%	2	Soft	100	0.5	20	

Traffic Noise Calculator: FHWA 77-108							Barstow General Plan Update EIR (BRS-3.0) Interstates and State Routes																		
		Output					Inputs																Auto Inputs		
		dBA at 50 feet			Distance to CNEL Contour																				
ID	L _{eq-24hr}	L _{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway			Segment From - To	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Receiver	Ground Absorption	Lane Distance	
1	76.1	80.3	80.8	261	562	1212	SR-58		I-15	Lenwood Road	17,000	65	0.0%	73.4%	3.7%	22.9%	75.0%	15.0%	20.0%	6	Soft	50	0.5	68	
2	76.3	80.6	81.0	271	584	1258	SR-58		Lenwood Road	City Boundary - North	15,200	65	0.0%	66.7%	3.9%	29.5%	75.0%	15.0%	20.0%	6	Soft	50	0.5	68	
3	80.1	84.3	84.8	483	1040	2241	I-15		City Boundary - West	SR-58	64,000	65	0.0%	85.5%	3.8%	10.8%	75.0%	15.0%	20.0%	6	Soft	50	0.5	68	
4	80.9	85.1	85.6	549	1182	2547	I-15		SR-58	SR-247 Junction	72,000	65	0.0%	83.6%	3.8%	12.6%	75.0%	15.0%	20.0%	6	Soft	50	0.5	68	
5	81.7	85.9	86.3	613	1321	2845	I-15		SR-247 Junction	I-40 Junction	85,000	65	0.0%	83.6%	3.8%	12.6%	75.0%	15.0%	20.0%	6	Soft	50	0.5	68	
6	81.5	85.7	86.2	600	1294	2787	I-15		I-40 Junction	City Boundary - East	80,000	65	0.0%	80.9%	4.4%	14.7%	75.0%	15.0%	20.0%	4	Soft	50	0.5	44	
7	78.1	82.3	82.8	357	768	1655	I-40		Montara Avenue	I-15	27,000	65	0.0%	71.6%	3.1%	25.3%	75.0%	15.0%	20.0%	4	Soft	50	0.5	44	
8	77.2	81.4	81.9	309	666	1434	I-40		Main Street	Montara Avenue	23,000	65	0.0%	73.7%	2.9%	23.4%	75.0%	15.0%	20.0%	4	Soft	50	0.5	44	
9	76.8	81.0	81.5	290	626	1348	I-40		Nebo Street	Main Street	20,500	65	0.0%	72.9%	3.0%	24.1%	75.0%	15.0%	20.0%	4	Soft	50	0.5	44	

