

Rio Americano High School Stadium Improvements Project Draft Environmental Impact Report

SCH Number: 2026010094

Appendix D Noise Data



August 2026

LT-01-Ldn
Long-Term 24 Hour Continuous Noise Monitoring
Model Input Sheet



Project: - Rio Americano High School EIR

Date: Existi 17Sep

18Sep

Site: LT-01

Hour	Leq	Lmax	L50	L90
14:15	45.1	57.3	39.8	42.8
15:15	44.6	57.2	41.0	43.5
16:15	48.1	70.5	41.4	44.4
17:15	49.0	66.8	41.3	45.8
18:15	52.0	73.4	43.5	48.4
19:15	47.5	66.6	44.3	45.9
20:15	47.5	59.4	42.7	46.1
21:15	46.1	56.9	45.2	45.7
22:15	45.2	56.6	42.8	44.7
23:15	44.1	56.0	41.5	43.6
0:15	41.5	50.6	39.9	41.2
1:15	41.3	49.7	40.1	40.9
2:15	40.4	46.4	38.6	40.2
3:15	41.0	47.6	37.7	40.5
4:15	41.4	51.9	39.6	40.8
5:15	47.5	60.2	45.7	47.0
6:15	50.5	65.9	47.8	49.3
7:15	48.4	55.6	46.4	48.1
8:15	46.7	62.1	43.2	44.5
9:15	47.4	68.7	40.2	42.6
10:15	50.1	69.5	41.0	42.9
11:15	49.2	67.3	41.3	43.8
12:15	59.8	74.0	43.3	49.9
13:15	54.3	76.2	42.1	47.8

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Averages

Leq	Lmax	L50	L90
51.4	66.0	42.3	45.5
45.7	54.2	41.9	43.4

Uppermost-Level

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Leq	Lmax	L50	L90
59.8	76.2	46.4	49.9
50.5	65.9	47.8	49.3

Percentage of Energy

Daytime	86%
Nighttime	14%

Calculated L_{dn}, dBA

53.5

LT-02-Ldn
Long-Term 24 Hour Continuous Noise Monitoring
Model Input Sheet



Project: - Rio Americano High School EIR

Date: Existi 30Apr

01May

Site: LT-02

Hour	Leq	Lmax	L50	L90
15:00	66.7	81.6	48.3	65.6
16:00	67.2	89.6	48.9	65.8
17:00	65.8	82.2	41.5	64.3
18:00	64.2	82.6	39.5	60.5
19:00	62.3	79.2	47.2	56.4
20:00	61.3	79.3	47.0	53.5
21:00	59.6	75.8	45.1	50.8
22:00	57.5	74.6	44.4	47.6
23:00	53.5	72.6	43.9	45.7
0:00	53.0	73.4	43.9	46.2
1:00	49.2	70.2	42.3	44.7
2:00	50.8	72.6	42.8	44.8
3:00	51.5	71.7	43.2	45.7
4:00	58.7	79.4	46.4	48.9
5:00	59.8	78.2	47.9	50.8
6:00	63.8	80.6	49.4	58.2
7:00	66.6	83.7	49.2	64.9
8:00	66.3	78.1	49.7	65.3
9:00	66.3	80.4	51.4	65.0
10:00	66.6	83.2	46.5	65.4
11:00	65.6	80.0	45.6	64.5
12:00	66.1	83.1	48.6	64.9
13:00	66.3	89.7	44.9	64.8
14:00	65.6	77.8	46.3	64.8

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Averages

Leq	Lmax	L50	L90
65.5	81.8	46.6	62.4
57.8	74.8	44.9	48.0

Uppermost-Level

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Leq	Lmax	L50	L90
67.2	89.7	51.4	65.8
63.8	80.6	49.4	58.2

Percentage of Energy

Daytime	91%
Nighttime	9%

Calculated L_{dn}, dBA

66.5

Project: - Rio Americano High School EIR

Date: Existi

29Aug

Saturday, January 0, 1900

Site: LT-01

[illegible]

	Averages			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 10 p.m.)	64.7	87.9	57.1	61.7
Nighttime (10 p.m. - 7 a.m.)	3.0	0.0	0.0	0.0

	Uppermost-Level			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 10 p.m.)	72.6	96.0	62.8	67.4
Nighttime (10 p.m. - 7 a.m.)	0.0	0.0	0.0	0.0

Percentage of Energy	
Daytime	100%
Nighttime	0%

Calculated L_{dn}, dBA

62.7

Project: - Rio Americano High School EIR

Date: Existi

29Aug

Saturday, January 0, 1900

Site: LT-02

[illegible]

	Averages			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 10 p.m.)	74.8	92.7	59.5	69.6
Nighttime (10 p.m. - 7 a.m.)	3.0	0.0	0.0	0.0

	Uppermost-Level			
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 10 p.m.)	84.1	99.5	63.5	76.9
Nighttime (10 p.m. - 7 a.m.)	0.0	0.0	0.0	0.0

Percentage of Energy	
Daytime	100%
Nighttime	0%

Calculated L_{dn} , dBA

72.7

LT-01-Ldn (Feb)
Long-Term 24 Hour Continuous Noise Monitoring
Model Input Sheet



Project: - Rio Americano High School EIR

Date: Existi Wednesday, February 4, 2026

Thursday, February 5, 2026

Site: LT-01

Hour	Leq	Lmax	L50	L90
14:00	47.5	70.7	34.9	38.4
15:00	48.9	70.1	35.0	41.8
16:00	45.6	61.3	33.4	40.7
17:00	45.8	64.1	43.6	43.3
18:00	49.1	66.2	39.9	43.9
19:00	44.9	63.4	38.4	40.3
20:00	44.9	64.0	40.1	40.8
21:00	45.8	65.0	41.3	42.5
22:00	46.8	66.6	42.4	43.5
23:00	45.8	54.0	42.5	45.2
0:00	44.2	58.9	41.3	43.1
1:00	43.6	52.5	40.1	43.0
2:00	43.5	53.2	38.7	42.7
3:00	45.8	56.7	43.8	45.2
4:00	48.0	55.7	44.8	47.6
5:00	49.6	56.3	47.9	49.3
6:00	51.3	66.7	49.2	50.0
7:00	46.4	59.7	43.4	44.9
8:00	48.0	58.3	46.9	47.6
9:00	49.0	63.9	43.8	47.3
10:00	46.6	60.2	41.9	44.0
11:00	41.9	56.6	37.4	39.9
12:00	44.0	63.8	37.6	40.0
13:00	43.9	55.7	38.0	41.0

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Averages

Leq	Lmax	L50	L90
46.6	62.9	39.7	42.4
47.3	57.8	43.4	45.5

Uppermost-Level

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Leq	Lmax	L50	L90
49.1	70.7	46.9	47.6
51.3	66.7	49.2	50.0

Percentage of Energy

Daytime	59%
Nighttime	41%

Calculated L_{dn}, dBA

53.6

LT-02-Ldn (Feb)
Long-Term 24 Hour Continuous Noise Monitoring
 Model Input Sheet



Project: - Rio Americano High School EIR

Date: Existi Wednesday, February 4, 2026

Thursday, February 5, 2026

Site: LT-02

Hour	Leq	Lmax	L50	L90
15:00	51.9	72.5	40.7	46.7
16:00	53.5	74.9	42.5	49.9
17:00	56.9	71.9	54.7	55.9
18:00	58.3	75.3	55.2	56.8
19:00	54.9	65.1	54.5	54.8
20:00	49.8	65.6	44.4	47.4
21:00	45.4	59.5	42.4	44.3
22:00	46.0	65.8	42.0	43.8
23:00	45.5	54.8	42.9	44.7
0:00	44.6	57.8	40.8	43.6
1:00	42.0	56.9	39.0	40.8
2:00	41.8	53.6	38.9	41.1
3:00	45.9	51.2	44.9	45.6
4:00	47.4	52.6	44.9	47.1
5:00	51.0	58.8	49.8	50.7
6:00	52.9	65.3	49.8	51.8
7:00	48.9	67.6	47.7	48.1
8:00	49.5	55.9	48.2	49.4
9:00	48.6	58.5	45.6	47.4
10:00	49.4	70.6	42.7	46.0
11:00	49.7	68.7	42.0	46.3
12:00	58.8	74.4	43.3	46.0
13:00	52.0	75.8	43.8	47.6
14:00	46.8	65.4	41.9	44.8

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Averages			
Leq	Lmax	L50	L90
53.5	68.1	46.0	48.8
47.8	57.4	43.7	45.4

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Uppermost-Level			
Leq	Lmax	L50	L90
58.8	75.8	55.2	56.8
52.9	65.8	49.8	51.8

Percentage of Energy	
Daytime	86%
Nighttime	14%

Calculated L _{dn} , dBA
55.7

LT-03-Ldn (Feb)
Long-Term 24 Hour Continuous Noise Monitoring
Model Input Sheet



Project: - Rio Americano High School EIR

Date: Existi Wednesday, February 4, 2026

Thursday, February 5, 2026

Site: LT-03

Hour	Leq	Lmax	L50	L90
15:00	63.3	80.3	47.1	61.5
16:00	64.2	76.9	47.1	62.5
17:00	64.1	76.4	52.7	62.8
18:00	60.8	78.0	51.2	58.3
19:00	59.7	77.6	50.6	56.1
20:00	59.4	72.7	49.8	53.2
21:00	56.8	71.5	44.3	50.8
22:00	52.8	71.8	42.6	45.9
23:00	48.6	67.8	41.9	43.5
0:00	48.1	70.6	39.7	41.9
1:00	44.1	66.9	37.8	39.8
2:00	44.2	69.2	38.6	40.1
3:00	46.1	69.2	42.5	43.2
4:00	48.0	69.4	43.6	45.3
5:00	53.4	70.9	47.7	49.9
6:00	59.9	75.1	48.7	53.5
7:00	64.5	78.5	47.0	62.7
8:00	66.3	78.1	55.9	65.1
9:00	61.0	77.4	48.8	56.6
10:00	58.9	72.6	46.9	54.4
11:00	58.8	70.5	45.5	54.2
12:00	59.8	77.7	45.6	54.7
13:00	60.7	76.8	46.4	57.2
14:00	63.4	79.1	49.9	61.5

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Averages			
Leq	Lmax	L50	L90
62.2	76.3	48.6	58.1
52.7	70.1	42.6	44.8

Daytime (7 a.m. - 10 p.m.)
 Nighttime (10 p.m. - 7 a.m.)

Uppermost-Level			
Leq	Lmax	L50	L90
66.3	80.3	55.9	65.1
59.9	75.1	48.7	53.5

Percentage of Energy	
Daytime	94%
Nighttime	6%

Calculated L _{dn} , dBA
62.4

SLM & RTA Summary

Translated: 19-Sep-25 15:46:12
 File Translated: C:\Data\Projects\Rto Americano HS\Field\Ambient Measurements\STs\ST_002.sml
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 17-Sep-25 14:33:59
 Elapsed Time: 20:00.5

	A Weight	C Weight	Flat
Leq:	57.3 dBA	63.6 dBC	66.0 dBF
SEL:	88.1 dBA	94.4 dBC	96.8 dBF
Peak:	99.9 dBA	99.4 dBC	99.6 dBF
	9/17/2025 14:47	9/17/2025 14:47	9/17/2025 14:47
Lmax (slow):	85.5 dBA	85.7 dBC	85.7 dBF
	9/17/2025 14:47	9/17/2025 14:47	9/17/2025 14:47
Lmin (slow):	44.5 dBA	56.8 dBC	58.3 dBF
	9/17/2025 14:37	9/17/2025 14:37	9/17/2025 14:37
Lmax (fast):	91.3 dBA	91.6 dBC	91.6 dBF
	9/17/2025 14:47	9/17/2025 14:47	9/17/2025 14:47
Lmin (fast):	44.1 dBA	55.6 dBC	57.1 dBF
	9/17/2025 14:37	9/17/2025 14:37	9/17/2025 14:36
Lmax (impulse):	92.6 dBA	92.8 dBC	92.8 dBF
	9/17/2025 14:47	9/17/2025 14:47	9/17/2025 14:47
Lmin (impulse):	44.4 dBA	58.0 dBC	59.3 dBF
	9/17/2025 14:37	9/17/2025 14:44	9/17/2025 14:37

Spectra

Start Time:	17-Sep-25	14:33:59	Run Time:	20:00.5
Freq Hz	Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct Min 1/3 Oct Min 1/1 Oct
12.5	57.7		58	31.7
16	56.1		60.3	34.1
20	58.8		60.7	39.4
25	55.5		63.7	36.8
31.5	52.6	58.8	63	38.7
40	53.4		56.9	37.5
50	52.7		55.1	39
63	54.1	58	53.9	42.6
80	52.7		53.3	43
100	51.8		54.4	42.1
125	50.4	55.5	52.6	39.3
160	49.7		51.3	40.1
200	46		49.1	37.4
250	46.3	51	58.6	37.2
315	46.3		57.6	36
400	44.7		56.1	34.4
500	44.8	51.2	55.9	33.4
630	48.6		78.3	32.4
800	52.2		87.4	32.6
1000	50.3	55.2	87.3	32.4
1250	47.9		79.8	32.1
1600	46.6		78.6	30.5
2000	44.4	48.9	76.3	30.2
2500	37		57.2	28.3
3150	35.8		60.4	26.1
4000	35.8	39.5	67	24.4
5000	31.3		59.3	22.9
6300	27.2		53.4	20
8000	28.9	31	56.3	19.2
10000	23.7		51.1	18.9
12500	22.3		51.6	19.3
16000	21.6	27	37.7	20.5
20000	22.8		30.4	22.1

Ln Start Level:

15 dB
 L 2.00 60.6 dBA
 L 8.00 58.6 dBA
 L 25.00 53.6 dBA
 L 50.00 49.8 dBA
 L 90.00 46.1 dBA
 L 95.00 45.4 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 65.0 dB Exceeded: 3 times
 SPL Exceedance Level 2: 80 dB Exceeded: 1 times
 Peak-1 Exceedance Level: 100 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 120 dB Exceeded: 0 times
 Hysteresis: 3
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Current Any Data

Start Time: 17-Sep-25 14:33:59
 Elapsed Time: 20:00.5

	A Weight	C Weight	Flat
Leq:	57.3 dBA	63.6 dBC	66.0 dBF
SEL:	88.1 dBA	94.4 dBC	96.8 dBF
Peak:	99.9 dBA	99.4 dBC	99.6 dBF
	9/17/2025 14:47	9/17/2025 14:47	9/17/2025 14:47
Lmax (slow):	85.5 dBA	85.7 dBC	85.7 dBF
	9/17/2025 14:47	9/17/2025 14:47	9/17/2025 14:47
Lmin (slow):	44.5 dBA	56.8 dBC	58.3 dBF
	9/17/2025 14:37	9/17/2025 14:37	9/17/2025 14:37
Lmax (fast):	91.3 dBA	91.6 dBC	91.6 dBF
	9/17/2025 14:47	9/17/2025 14:47	9/17/2025 14:47
Lmin (fast):	44.1 dBA	55.6 dBC	57.1 dBF
	9/17/2025 14:37	9/17/2025 14:37	9/17/2025 14:36
Lmax (impulse):	92.6 dBA	92.8 dBC	92.8 dBF
	9/17/2025 14:47	9/17/2025 14:47	9/17/2025 14:47
Lmin (impulse):	44.4 dBA	58.0 dBC	59.3 dBF
	9/17/2025 14:37	9/17/2025 14:44	9/17/2025 14:37

Calibrated:

1/1/2000 2:45 Offset: -46.3 dB

Checked: 9/17/2025 15:41 Level: 113.9 dB

Calibrator 597860 Level: 114.0 dB

Cal Records Count:

0

Interval Records:

Enabled

Number Interval Records:

22

History Records:

Enabled

Number History Records:

4804

Run/Stop Records:

Number Run/Stop Records:

2

SLM & RTA Summary

Translated: 19-Sep-25 15:45:45
 File Translated: C:\Data\Projects\Rto Americano HS\Field\Ambient Measurements\STs\ST_001.sml
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 17-Sep-25 14:04:38
 Elapsed Time: 20:00.3

	A Weight	C Weight	Flat
Leq:	62.1 dBA	67.1 dBC	68.5 dBF
SEL:	93.0 dBA	97.9 dBC	99.3 dBF
Peak:	89.7 dBA	97.4 dBC	98.8 dBF
	9/17/2025 14:19	9/17/2025 14:08	9/17/2025 14:08
Lmax (slow):	75.2 dBA	81.3 dBC	82.1 dBF
	9/17/2025 14:22	9/17/2025 14:22	9/17/2025 14:22
Lmin (slow):	39.7 dBA	52.8 dBC	54.2 dBF
	9/17/2025 14:10	9/17/2025 14:15	9/17/2025 14:15
Lmax (fast):	77.3 dBA	85.0 dBC	88.0 dBF
	9/17/2025 14:22	9/17/2025 14:08	9/17/2025 14:08
Lmin (fast):	39.3 dBA	51.3 dBC	52.9 dBF
	9/17/2025 14:10	9/17/2025 14:10	9/17/2025 14:10
Lmax (impulse):	78.2 dBA	88.5 dBC	91.1 dBF
	9/17/2025 14:22	9/17/2025 14:08	9/17/2025 14:08
Lmin (impulse):	39.7 dBA	53.5 dBC	55.2 dBF
	9/17/2025 14:10	9/17/2025 14:10	9/17/2025 14:15

Spectra

Start Time:	17-Sep-25	14:04:38	Run Time:	20:00.3			
Freq Hz	Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct	Min 1/3 Oct	Min 1/1 Oct	
12.5	57.1		75.9		26.5		
16	56.3		61.4		73.6		36.3
20	56.5		67.4		73.6		
25	56.3		68.4		73.6		
31.5	55.1	60.7	65.9	71.8	34	40.5	
40	56.4		66.5		37.1		
50	56.6		64.2		35.6		
63	57.5	61.4	66.1	73.4	37.6	42.2	
80	55.5		71.8		38.5		
100	57.9		80.9		38.7		
125	55	60.4	67.8	81.2	38	42.3	
160	51.8		65		35.2		
200	52.6		66.4		34.7		
250	51.9	56.5	64.8	69.6	33.1	37.8	
315	50.3		62.5		30		
400	50.6		63.7		27.7		
500	51.1	56.2	67	71	27.9	32.3	
630	52.3		67.2		27		
800	54.8		68.2		27.7		
1000	55.5	59.7	67.1	72.1	27.9	32.2	
1250	54.4		66.4		26.5		
1600	52.6		64.1		24.5		
2000	48.9	54.7	61.6	67.4	22.3	27.7	
2500	45.6		61.6		21.3		
3150	43		60.5		19.7		
4000	40.6	45.9	61.1	66	19	23.9	
5000	38.8		62		18.6		
6300	35.9		55.6		18.6		
8000	34.3	38.8	54.7	58.5	18.8	23.6	
10000	30.2		46.6		19.1		
12500	26.4		41		19.4		
16000	23.4	29.4	34.1	42	20.5	25.6	
20000	23.2		27.7		22.1		

Ln Start Level: 15 dB
 L 2.00 70.3 dBA
 L 8.00 67.5 dBA
 L 25.00 63 dBA
 L 50.00 55.6 dBA
 L 90.00 44.3 dBA
 L 95.00 42.7 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 65.0 dB Exceeded: 45 times

SPL Exceedance Level 2: 80 dB Exceeded: 0 times

Peak-1 Exceedance Level: 100 dB Exceeded: 0 times

Peak-2 Exceedance Level: 120 dB Exceeded: 0 times

Hysteresis: 3

Overloaded: 0 time(s)

Paused: 0 times for 00:00:00.0

Current Any Data

Start Time: 17-Sep-25 14:04:38
 Elapsed Time: 20:00.3

	A Weight	C Weight	Flat
Leq:	62.1 dBA	67.1 dBC	68.5 dBF
SEL:	93.0 dBA	97.9 dBC	99.3 dBF
Peak:	89.7 dBA	97.4 dBC	98.8 dBF
	9/17/2025 14:19	9/17/2025 14:08	9/17/2025 14:08
Lmax (slow):	75.2 dBA	81.3 dBC	82.1 dBF
	9/17/2025 14:22	9/17/2025 14:22	9/17/2025 14:22
Lmin (slow):	39.7 dBA	52.8 dBC	54.2 dBF
	9/17/2025 14:10	9/17/2025 14:15	9/17/2025 14:15
Lmax (fast):	77.3 dBA	85.0 dBC	88.0 dBF
	9/17/2025 14:22	9/17/2025 14:08	9/17/2025 14:08
Lmin (fast):	39.3 dBA	51.3 dBC	52.9 dBF
	9/17/2025 14:10	9/17/2025 14:10	9/17/2025 14:10
Lmax (impulse):	78.2 dBA	88.5 dBC	91.1 dBF
	9/17/2025 14:22	9/17/2025 14:08	9/17/2025 14:08
Lmin (impulse):	39.7 dBA	53.5 dBC	55.2 dBF
	9/17/2025 14:10	9/17/2025 14:10	9/17/2025 14:15

Calibrated: 1/1/2000 2:45 Offset: -46.3 dB

Checked: 9/17/2025 15:41 Level: 113.9 dB

Calibrator 597860 Level: 114.0 dB

Cal Records Count: 0

Interval Records: Enabled Number Interval Records: 21

History Records: Enabled Number History Records: 4803

Run/Stop Records: Number Run/Stop Records: 2

SLM & RTA Summary

Translated: 19-Sep-25 15:46:23
 File Translated: C:\Data\Projects\Rto Americano HS\Field\Ambient Measurements\STs\ST_003.sml
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 17-Sep-25 15:13:04
 Elapsed Time: 20:05.3

Leq:	A Weight	C Weight	Flat
SEL:	55.4 dBA	62.6 dBC	66.3 dBF
Peak:	86.2 dBA	93.5 dBC	97.1 dBF
	101.1 dBA	100.8 dBC	101.0 dBF
	9/17/2025 15:28	9/17/2025 15:28	9/17/2025 15:28
Lmax (slow):	84.2 dBA	84.7 dBC	84.7 dBF
	9/17/2025 15:28	9/17/2025 15:28	9/17/2025 15:28
Lmin (slow):	41.1 dBA	56.0 dBC	57.4 dBF
	9/17/2025 15:31	9/17/2025 15:15	9/17/2025 15:15
Lmax (fast):	89.9 dBA	90.5 dBC	90.4 dBF
	9/17/2025 15:28	9/17/2025 15:28	9/17/2025 15:28
Lmin (fast):	40.5 dBA	53.4 dBC	55.4 dBF
	9/17/2025 15:22	9/17/2025 15:15	9/17/2025 15:15
Lmax (impulse):	91.7 dBA	92.3 dBC	92.3 dBF
	9/17/2025 15:28	9/17/2025 15:28	9/17/2025 15:28
Lmin (impulse):	41.0 dBA	56.9 dBC	58.2 dBF
	9/17/2025 15:31	9/17/2025 15:15	9/17/2025 15:15

Spectra

Start Time:	17-Sep-25	15:13:04	Run Time:	20:05.3
Freq Hz	Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct Min 1/3 Oct Min 1/1 Oct
12.5	60.5	66.5	28.3	
16	58.5	63.8	31.7	37.4
20	57.7	62.7	35.2	
25	57.3	63.1	40.5	
31.5	54.7	60.2	38.7	44.2
40	53.1	58.6	38.7	
50	51.5	57	39.8	
63	51.4	57	41.4	45.4
80	53.4	56.9	40.6	
100	48.6	60.6	40.5	
125	44.6	52.3	36.8	42.4
160	39.9	56.4	31.4	
200	36.9	59.9	28.7	
250	37.5	59.2	29.5	33.9
315	38.1	63.9	29.1	
400	39.1	64.7	29.3	
500	39.7	72.3	29.5	34
630	50.6	82.3	28.9	
800	49.1	78.4	29.4	
1000	45	78.8	28.8	33.3
1250	47.5	78.8	27.2	
1600	46.2	74.5	24.9	
2000	38.6	69.1	23.2	28
2500	38.3	67.5	20.6	
3150	37.4	68.5	19	
4000	35.4	66.3	18	23
5000	33.3	63.1	17.6	
6300	28.4	49	17.7	
8000	31.5	50.7	18.4	23.1
10000	28.9	51.1	18.9	
12500	25.6	45.7	19.3	
16000	22.9	42.4	20.6	25.6
20000	23.1	34	22.2	

Ln Start Level: 15 dB
 L 2.00 52.4 dBA
 L 8.00 46.6 dBA
 L 25.00 44.2 dBA
 L 50.00 43 dBA
 L 90.00 41.7 dBA
 L 95.00 41.6 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 65.0 dB Exceeded: 1 times

SPL Exceedance Level 2: 80 dB Exceeded: 1 times

Peak-1 Exceedance Level: 100 dB Exceeded: 1 times

Peak-2 Exceedance Level: 120 dB Exceeded: 0 times

Hysteresis: 3

Overloaded: 0 time(s)

Paused: 0 times for 00:00:00.0

Current Any Data

Start Time: 17-Sep-25 15:13:04
 Elapsed Time: 20:05.3

Leq:	A Weight	C Weight	Flat
SEL:	55.4 dBA	62.6 dBC	66.3 dBF
Peak:	86.2 dBA	93.5 dBC	97.1 dBF
	101.1 dBA	100.8 dBC	101.0 dBF
	9/17/2025 15:28	9/17/2025 15:28	9/17/2025 15:28
Lmax (slow):	84.2 dBA	84.7 dBC	84.7 dBF
	9/17/2025 15:28	9/17/2025 15:28	9/17/2025 15:28
Lmin (slow):	41.1 dBA	56.0 dBC	57.4 dBF
	9/17/2025 15:31	9/17/2025 15:15	9/17/2025 15:15
Lmax (fast):	89.9 dBA	90.5 dBC	90.4 dBF
	9/17/2025 15:28	9/17/2025 15:28	9/17/2025 15:28
Lmin (fast):	40.5 dBA	53.4 dBC	55.4 dBF
	9/17/2025 15:22	9/17/2025 15:15	9/17/2025 15:15
Lmax (impulse):	91.7 dBA	92.3 dBC	92.3 dBF
	9/17/2025 15:28	9/17/2025 15:28	9/17/2025 15:28
Lmin (impulse):	41.0 dBA	56.9 dBC	58.2 dBF
	9/17/2025 15:31	9/17/2025 15:15	9/17/2025 15:15

Calibrated: 1/1/2000 2:45 Offset: -46.3 dB

Checked: 9/17/2025 15:41 Level: 113.9 dB

Calibrator 597860 Level: 114.0 dB

Cal Records Count: 0

Interval Records: Enabled Number Interval Records: 21

History Records: Enabled Number History Records: 4823

Run/Stop Records: Number Run/Stop Records: 2

SLM & RTA Summary

Translated: 19-Sep-25 18:14:59
 File Translated: C:\Data\Projects\Rio Americano HS\Field\EI Camino HS Reference Levels\ST_001.slm
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 29-Aug-25 19:32:56
 Elapsed Time: 20:00.6

Leq:	A Weight	C Weight	Flat
SEL:	66.3 dBA	68.9 dBC	69.5 dBF
Peak:	97.1 dBA	99.8 dBC	100.3 dBF
	98.5 dBA	98.0 dBC	98.1 dBF
	8/29/2025 19:39	8/29/2025 19:39	8/29/2025 19:39
Lmax (slow):	78.7 dBA	80.9 dBC	81.1 dBF
Lmin (slow):	57.6 dBA	62.1 dBC	63.2 dBF
	8/29/2025 19:36	8/29/2025 19:36	8/29/2025 19:36
Lmax (fast):	80.6 dBA	84.6 dBC	84.8 dBF
Lmin (fast):	54.9 dBA	60.9 dBC	61.9 dBF
	8/29/2025 19:36	8/29/2025 19:44	8/29/2025 19:36
Lmax (impulse):	81.8 dBA	85.8 dBC	86.0 dBF
Lmin (impulse):	57.4 dBA	62.1 dBC	63.2 dBF
	8/29/2025 19:39	8/29/2025 19:33	8/29/2025 19:33
	8/29/2025 19:42	8/29/2025 19:36	8/29/2025 19:36

Spectra

Start Time:	29-Aug-25	19:32:56	Run Time:	20:00.6
Freq Hz	Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct Min 1/3 Oct Min 1/1 Oct
12.5	50	52.3	52.3	29.6
16	53.1	57.6	56.3	64.1 35
20	54.3		63	36.9
25	59.4		64.3	41.4
31.5	56.4	62.1	62.2	67.2 37.1 44.8
40	55.2		59.3	40.6
50	55.7		61	43.6
63	58.4	62.2	59	64.5 43.2 47.7
80	57.8		58.7	41.9
100	56.9		55.7	42.8
125	51.8	58.6	54.6	59 42.2 46.5
160	49.5		51.4	39.4
200	49.8		51.6	39.7
250	48.5	54.3	49.8	59.1 41.4 45.1
315	50.1		57.6	39.8
400	53.6		58	41.3
500	55.5	61.1	58.1	67.2 45 50.1
630	58.5		66	47.6
800	60		72.3	47.5
1000	59.4	63.9	74.3	78.8 45 50.3
1250	57.7		75.1	43.1
1600	56.1		71.6	44.2
2000	53.8	58.8	67.6	73.4 41.8 46.9
2500	50.6		62.6	38.5
3150	48.8		61.7	36.7
4000	48.3	51.9	59	64.1 34.3 39.2
5000	40.6		54.4	29.5
6300	36.3		49.7	24.6
8000	33.8	38.8	46.6	52.1 22.4 27.6
10000	29.4		43.7	20.3
12500	26		40.1	19.3
16000	23.2	29.1	31.3	40.9 20.4 25.5
20000	23.3		27.7	22

Ln Start Level: 15 dB
 L 2.00 73.9 dBA
 L 6.00 70 dBA
 L 25.00 66.4 dBA
 L 50.00 63.5 dBA
 L 90.00 60.3 dBA
 L 95.00 59.7 dBA

Detector: Slow
 Weighting: A

SPL Exceedance Level 1: 65.0 dB Exceeded: 40 times
 SPL Exceedance level 2: 80 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 100 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 120 dB Exceeded: 0 times
 Hysteresis: 3
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Current Any Data

Start Time: 29-Aug-25 19:32:56
 Elapsed Time: 20:00.6

Leq:	A Weight	C Weight	Flat
SEL:	66.3 dBA	68.9 dBC	69.5 dBF
Peak:	97.1 dBA	99.8 dBC	100.3 dBF
	98.5 dBA	98.0 dBC	98.1 dBF
	8/29/2025 19:39	8/29/2025 19:39	8/29/2025 19:39
Lmax (slow):	78.7 dBA	80.9 dBC	81.1 dBF
Lmin (slow):	57.6 dBA	62.1 dBC	63.2 dBF
	8/29/2025 19:39	8/29/2025 19:33	8/29/2025 19:33
	8/29/2025 19:36	8/29/2025 19:36	8/29/2025 19:36
Lmax (fast):	80.6 dBA	84.6 dBC	84.8 dBF
Lmin (fast):	54.9 dBA	60.9 dBC	61.9 dBF
	8/29/2025 19:39	8/29/2025 19:33	8/29/2025 19:33
	8/29/2025 19:36	8/29/2025 19:44	8/29/2025 19:36
Lmax (impulse):	81.8 dBA	85.8 dBC	86.0 dBF
Lmin (impulse):	57.4 dBA	62.1 dBC	63.2 dBF
	8/29/2025 19:39	8/29/2025 19:33	8/29/2025 19:33
	8/29/2025 19:42	8/29/2025 19:36	8/29/2025 19:36

Calibrated: 1/1/2000 2:45 Offset: -46.3 dB
 Checked: 8/29/2025 21:01 Level: 113.8 dB
 Calibrator: 597860 Level: 114.0 dB
 Cal Records Count: 0

Interval Records: Enabled Number Interval Records: 21
 History Records: Enabled Number History Records: 4804
 Run/Stop Records: Number Run/Stop Records: 2

SLM & RTA Summary

Translated: 19-Sep-25 18:15:21
 File Translated: C:\Data\Projects\Rio Americano HS\Field\EI Camino HS Reference Levels\ST_002.smdl
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 29-Aug-25 20:02:34
 Elapsed Time: 20:00.6

Leq:	A Weight	C Weight	Flat
	77.7 dBA	78.7 dBC	78.8 dBF
SEL:	108.5 dBA	109.5 dBC	109.8 dBF
Peak:	108.1 dBA	106.1 dBC	106.6 dBF
	8/29/2025 20:14	8/29/2025 20:14	8/29/2025 20:14
Lmax (slow):	89.7 dBA	88.6 dBC	88.7 dBF
	8/29/2025 20:11	8/29/2025 20:11	8/29/2025 20:11
Lmin (slow):	71.9 dBA	73.3 dBC	73.4 dBF
	8/29/2025 20:15	8/29/2025 20:15	8/29/2025 20:15
Lmax (fast):	95.4 dBA	94.1 dBC	94.3 dBF
	8/29/2025 20:11	8/29/2025 20:11	8/29/2025 20:11
Lmin (fast):	69.9 dBA	71.4 dBC	71.6 dBF
	8/29/2025 20:06	8/29/2025 20:15	8/29/2025 20:15
Lmax (impulse):	97.0 dBA	95.7 dBC	95.8 dBF
	8/29/2025 20:11	8/29/2025 20:11	8/29/2025 20:11
Lmin (impulse):	71.8 dBA	73.2 dBC	73.3 dBF
	8/29/2025 20:04	8/29/2025 20:04	8/29/2025 20:04

Spectra

Start Time:	29-Aug-25	20:02:34	Run Time:	20:00.6			
Freq Hz	Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct	Min 1/3 Oct	Min 1/1 Oct	
12.5	49.8		52.4		30.9		
16	52		50.8	57.3	33.6	39.7	
20	53.7		53.9		37.6		
25	56.1		56.5		39.1		
31.5	55.1	60.2	55.1	60	40.7	45.4	
40	54.9		53.7		41.8		
50	54.4		53.7		41.2		
63	57.7	61.1	59.7	62.2	44	48.3	
80	56.3		57		44.6		
100	53.1		56.4		43.5		
125	53.3		55.1	63.1	44.4	50.2	
160	55.7		61		47.3		
200	59.8		65.7		48.1		
250	61.6	66.9	65.5	69.9	50	55.2	
315	63.9		64.1		52.3		
400	64.8		71.4		55.8		
500	68.4	73.8	72.1	78.7	59.9	64.9	
630	71.4		76.5		62.3		
800	71.4		80.4		60.2		
1000	69.5	74.6	72.5	81.9	57.6	63.4	
1250	68.1		74.5		57.6		
1600	67.6		76.8		58.1		
2000	65.9	70.6	93.5	93.6	55.4	60.7	
2500	62.4		64.4		52.9		
3150	60.6		66.7		51.3		
4000	59.4	63.5	81.9	82.1	49	53.8	
5000	52.9		59.6		44.1		
6300	49.2		56.8		39.3		
8000	47.5	52	52.9	59.2	37.9	42.3	
10000	43.1		51.9		33.3		
12500	37.6		46.9		27.6		
16000	31.3	38.8	40.9	48	23.8	30.1	
20000	26.7		31.9		23		

Ln Start Level: 15 dB
 L 2.00 82.2 dBA
 L 6.00 80.1 dBA
 L 25.00 78.3 dBA
 L 50.00 76.9 dBA
 L 90.00 74.8 dBA
 L 95.00 74.3 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 65.0 dB Exceeded: 1 times
 SPL Exceedance level 2: 80 dB Exceeded: 43 times
 Peak-1 Exceedance Level: 100 dB Exceeded: 11 times
 Peak-2 Exceedance Level: 120 dB Exceeded: 0 times
 Hysteresis: 3
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Current Any Data

Start Time: 29-Aug-25 20:02:34
 Elapsed Time: 20:00.6

Leq:	A Weight	C Weight	Flat
	77.7 dBA	78.7 dBC	78.8 dBF
SEL:	108.5 dBA	109.5 dBC	109.6 dBF
Peak:	108.1 dBA	106.1 dBC	106.6 dBF
	8/29/2025 20:14	8/29/2025 20:14	8/29/2025 20:14
Lmax (slow):	89.7 dBA	88.6 dBC	88.7 dBF
	8/29/2025 20:11	8/29/2025 20:11	8/29/2025 20:11
Lmin (slow):	71.9 dBA	73.3 dBC	73.4 dBF
	8/29/2025 20:15	8/29/2025 20:15	8/29/2025 20:15
Lmax (fast):	95.4 dBA	94.1 dBC	94.3 dBF
	8/29/2025 20:11	8/29/2025 20:11	8/29/2025 20:11
Lmin (fast):	69.9 dBA	71.4 dBC	71.6 dBF
	8/29/2025 20:06	8/29/2025 20:15	8/29/2025 20:15
Lmax (impulse):	97.0 dBA	95.7 dBC	95.8 dBF
	8/29/2025 20:11	8/29/2025 20:11	8/29/2025 20:11
Lmin (impulse):	71.8 dBA	73.2 dBC	73.3 dBF
	8/29/2025 20:04	8/29/2025 20:04	8/29/2025 20:04

Calibrated: 1/1/2000 2:45 Offset: -46.3 dB
 Checked: 8/29/2025 21:01 Level: 113.8 dB
 Calibrator: 597860 Level: 114.0 dB
 Cal Records Count: 0

Interval Records: Enabled Number Interval Records: 21
 History Records: Enabled Number History Records: 4804
 Run/Stop Records: Number Run/Stop Records: 2

SLM & RTA Summary

Translated: 19-Sep-25 18:15:32
 File Translated: C:\Data\Projects\Rio Americano HS\Field\EI Camino HS Reference Levels\ST_003.slm\dl
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 29-Aug-25 20:27:39
 Elapsed Time: 20:00.6

Leq:	A Weight	C Weight	Flat
SEL:	68.6 dBA	72.7 dBC	72.8 dBF
Peak:	99.4 dBA	103.5 dBC	103.8 dBF
	94.2 dBA	97.2 dBC	97.5 dBF
		8/29/2025 20:39	8/29/2025 20:38 8/29/2025 20:38
Lmax (slow):	80.3 dBA	83.9 dBC	83.9 dBF
Lmin (slow):	56.2 dBA	61.6 dBC	62.3 dBF
		8/29/2025 20:31	8/29/2025 20:31 8/29/2025 20:31
Lmax (fast):	84.2 dBA	87.9 dBC	88.0 dBF
Lmin (fast):	55.3 dBA	60.7 dBC	61.4 dBF
		8/29/2025 20:31	8/29/2025 20:31 8/29/2025 20:31
Lmax (impulse):	86.3 dBA	89.8 dBC	89.8 dBF
Lmin (impulse):	56.5 dBA	61.9 dBC	62.6 dBF
		8/29/2025 20:31	8/29/2025 20:30 8/29/2025 20:30

Spectra

Start Time:	29-Aug-25	20:27:39	Run Time:	20:00.6		
Freq Hz	Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct	Min 1/3 Oct	Min 1/1 Oct
12.5	45.3		45.2		28.3	
16	47.2		50	55.2	30	36.5
20	49.2		53		34.4	
25	50		53.9		37.9	
31.5	51.8	59.1	57	60.8	38.8	43.9
40	57.5		56.6		40.3	
50	57.3		54.7		43.7	
63	56.2	61.8	58.8	62.7	43	48.6
80	57.6		59		44.7	
100	57.6		66.5		46.2	
125	56.1	63.6	64.3	73.4	45	49.4
160	61.1		71.7		41.3	
200	65.4		76.3		40.1	
250	60.8	68.3	71.4	80.6	40.3	45.6
315	63.2		77.7		41.8	
400	61.1		72.4		44.1	
500	60.6	65.2	69.3	75.3	46.5	51.2
630	59.5		68.9		47.8	
800	61		78.6		46.5	
1000	60.4	64.7	75.9	81	41.7	48.8
1250	57.7		71.3		42	
1600	57.2		67		43.3	
2000	56.4	60.6	68.7	71.8	42.4	47
2500	52.7		64.1		40.4	
3150	51.5		63		38.4	
4000	51	55.1	61	66.2	36.4	40.9
5000	47.5		59.7		29.6	
6300	45.9		59.5		24.4	
8000	42.9	47.9	54.3	60.8	22.4	27.4
10000	34.5		45		19.9	
12500	22.5		30.5		19	
16000	21.6	27.2	23.3	32.2	20.4	25.3
20000	23		25.1		21.8	

Ln Start Level: 15 dB
 L 2.00 77 dBA
 L 6.00 74.1 dBA
 L 25.00 68 dBA
 L 50.00 65 dBA
 L 90.00 59.9 dBA
 L 95.00 59.2 dBA

Detector: Slow
 Weighting: A

SPL Exceedance Level 1: 65.0 dB Exceeded: 20 times
 SPL Exceedance level 2: 80 dB Exceeded: 1 times
 Peak-1 Exceedance Level: 100 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 120 dB Exceeded: 0 times

Hysteresis: 3
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Current Any Data

Start Time: 29-Aug-25 20:27:39
 Elapsed Time: 20:00.6

Leq:	A Weight	C Weight	Flat
SEL:	68.6 dBA	72.7 dBC	72.8 dBF
Peak:	99.4 dBA	103.5 dBC	103.6 dBF
	94.2 dBA	97.2 dBC	97.5 dBF
		8/29/2025 20:39	8/29/2025 20:38 8/29/2025 20:38
Lmax (slow):	80.3 dBA	83.9 dBC	83.9 dBF
Lmin (slow):	56.2 dBA	61.6 dBC	62.3 dBF
		8/29/2025 20:31	8/29/2025 20:31 8/29/2025 20:31
Lmax (fast):	84.2 dBA	87.9 dBC	88.0 dBF
Lmin (fast):	55.3 dBA	60.7 dBC	61.4 dBF
		8/29/2025 20:31	8/29/2025 20:31 8/29/2025 20:31
Lmax (impulse):	86.3 dBA	89.8 dBC	89.8 dBF
Lmin (impulse):	56.5 dBA	61.9 dBC	62.6 dBF
		8/29/2025 20:31	8/29/2025 20:30 8/29/2025 20:30

Calibrated: 1/1/2000 2:45 Offset: -46.3 dB
 Checked: 8/29/2025 21:01 Level: 113.8 dB
 Calibrator 597860 Level: 114.0 dB
 Cal Records Count: 0

Interval Records: Enabled Number Interval Records: 21
 History Records: Enabled Number History Records: 4804
 Run/Stop Records: Number Run/Stop Records: 2

SLM & RTA Summary

Translated: 14-Aug-26 14:46:15
 File Translated: C:\Data\Projects\Rio Americano HS\Field\RioAmHS Reference Measurements\ST_001.slmld
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 4-Feb-26 15:09:44
 Elapsed Time: 15:03.1

Leq:	A Weight	58.5 dBA	C Weight	65.8 dBC	Flat	66.3 dBF
SEL:		88.1 dBA		95.4 dBC		95.8 dBF
Peak:		94.9 dBA		95.9 dBC		96.0 dBF

2/4/2026 15:16 2/4/2026 15:24 2/4/2026 15:24

Lmax (slow): 73.2 dBA 85.5 dBC 85.7 dBF
 Lmin (slow): 44.4 dBA 56.6 dBC 58.4 dBF
 2/4/2026 15:09 2/4/2026 15:09 2/4/2026 15:09

Lmax (fast): 76.7 dBA 87.6 dBC 87.8 dBF
 Lmin (fast): 41.7 dBA 54.6 dBC 55.9 dBF
 2/4/2026 15:17 2/4/2026 15:16 2/4/2026 15:16

Lmax (impulse): 80.1 dBA 87.9 dBC 88.1 dBF
 Lmin (impulse): 44.1 dBA 56.9 dBC 58.9 dBF
 2/4/2026 15:09 2/4/2026 15:09 2/4/2026 15:09

Spectra

Start Time: 4-Feb-26 15:09:44 Run Time: 15:03.1
 Freq Hz Leq 1/3 Oct Leq 1/1 Oct Max 1/3 Oct Max 1/1 Oct Min 1/3 Oct Min 1/1 Oct

12.5	49.1	55.2	34.3	
16	49.6	55.3	34.4	
20	50.1	58.4	32.8	
25	52.6	59.4	39.5	
31.5	51.6	59.7	38.2	43.8
40	51.2	58.8	39.4	
50	52.8	58.7	39.3	
63	51.7	62.1	39.7	44.6
80	53.1	67.7	40.4	
100	60.6	86.3	38.5	
125	59	78.5	38.2	42.4
160	51.9	66.2	35.6	
200	50.7	69.5	33.8	
250	50.4	68.1	36.6	39.1
315	48.9	68.4	30.3	
400	50.1	65.4	31	
500	50.8	65.7	30	35.1
630	51.6	64.6	29.9	
800	51.7	65.9	29.2	
1000	48.9	66.8	27.1	32.7
1250	48.6	62.3	27	
1600	46.1	61.1	25.8	
2000	44.5	59.6	25.3	29.7
2500	41.7	57.9	23.3	
3150	39.9	54.6	21.6	
4000	44.2	51.3	20.6	25.3
5000	34.7	46.8	19.1	
6300	32.1	42.2	18.6	
8000	30.9	38.8	18.8	23.5
10000	27.5	33.4	18.9	
12500	23.9	25.9	18.8	
16000	22.1	22.9	20.1	25.1
20000	22.6	23.8	21.6	

Ln Start Level:

15 dBA

L 2.00	67.4 dBA
L 8.00	61.7 dBA
L 25.00	57.7 dBA
L 50.00	54.6 dBA
L 90.00	50.2 dBA
L 95.00	49.1 dBA

Detector:

Slow

Weighting: A

SPL Exceedance Level 1: 65.0 dB Exceeded: 12 times

SPL Exceedance level 2: 80 dB Exceeded: 0 times

Peak-1 Exceedance Level: 100 dB Exceeded: 0 times

Peak-2 Exceedance Level: 120 dB Exceeded: 0 times

Hysteresis: 3

Overloaded: 0 time(s)

Paused: 0 times for 00:00:00.0

Current Any Data

Start Time: 4-Feb-26 15:09:44
 Elapsed Time: 15:03.1

Leq:	A Weight	58.5 dBA	C Weight	65.8 dBC	Flat	66.3 dBF
SEL:		88.1 dBA		95.4 dBC		95.8 dBF
Peak:		94.9 dBA		95.9 dBC		96.0 dBF

2/4/2026 15:16 2/4/2026 15:24 2/4/2026 15:24

Lmax (slow): 73.2 dBA 85.5 dBC 85.7 dBF
 Lmin (slow): 44.4 dBA 56.6 dBC 58.4 dBF
 2/4/2026 15:09 2/4/2026 15:09 2/4/2026 15:09

Lmax (fast): 76.7 dBA 87.6 dBC 87.8 dBF
 Lmin (fast): 41.7 dBA 54.6 dBC 55.9 dBF
 2/4/2026 15:17 2/4/2026 15:16 2/4/2026 15:16

Lmax (impulse): 80.1 dBA 87.9 dBC 88.1 dBF
 Lmin (impulse): 44.1 dBA 56.9 dBC 58.9 dBF
 2/4/2026 15:09 2/4/2026 15:09 2/4/2026 15:09

Calibrated: 1/1/2000 2:45 Offset: -46.3 dB
 Checked: 2/4/2026 18:03 Level: 113.8 dB
 Calibrator 597860 Level: 114.0 dB
 Cal Records Count: 0

Interval Records: Enabled Number Interval Records: 16
 History Records: Enabled Number History Records: 3614
 Run/Stop Records: Number Run/Stop Records: 2

SLM & RTA Summary

Translated: 14-Aug-26 14:46:52
 File Translated: C:\Data\Projects\Rio Americano HS\Field\RioAmHS Reference Measurements\ST_002.slmld
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 4-Feb-26 15:32:52
 Elapsed Time: 15:09.0

Leq:	A Weight	C Weight	Flat
SEL:	52.8 dBA	65.5 dBC	66.2 dBF
Peak:	82.4 dBA	95.1 dBC	95.8 dBF
	83.6 dBA	89.2 dBC	90.2 dBF
		2/4/2026 15:39	2/4/2026 15:34 2/4/2026 15:34
Lmax (slow):	66.7 dBA	80.7 dBC	80.8 dBF
		2/4/2026 15:39	2/4/2026 15:47 2/4/2026 15:47
Lmin (slow):	45.9 dBA	58.1 dBC	59.4 dBF
		2/4/2026 15:35	2/4/2026 15:33 2/4/2026 15:33
Lmax (fast):	73.5 dBA	82.4 dBC	82.6 dBF
		2/4/2026 15:39	2/4/2026 15:47 2/4/2026 15:47
Lmin (fast):	45.0 dBA	56.9 dBC	57.8 dBF
		2/4/2026 15:33	2/4/2026 15:46 2/4/2026 15:46
Lmax (impulse):	75.4 dBA	82.8 dBC	83.0 dBF
		2/4/2026 15:39	2/4/2026 15:47 2/4/2026 15:47
Lmin (impulse):	45.8 dBA	59.1 dBC	60.6 dBF
		2/4/2026 15:35	2/4/2026 15:33 2/4/2026 15:46

Spectra

Start Time:	4-Feb-26	15:32:52	Run Time:	15:09.0
Freq Hz	Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct Min 1/3 Oct Min 1/1 Oct
12.5	48.6	49.7	34.1	
16	49.4	49.6	32.4	38.1
20	51.2	55	33.4	
25	54.8	60.6	40	
31.5	53.4	58.3	56.1	63.2 38.9 43.7
40	51.9	57.2	37.6	
50	56.7	57.1	38.4	
63	51.9	59.4	54	60.4 39.6 44.5
80	54.1	55.3	40.9	
100	60.1	53.6	38.9	
125	60.1	63.3	73	73.1 38.6 43.2
160	49.7	50	37.7	
200	47.3	49.1	35.3	
250	54.3	55.6	66.7	67 47.6 48
315	46.1	53.9	33.3	
400	45.2	54.1	31.7	
500	44.5	49.2	49.8	56.3 31 35.6
630	43.4	48.4	29.4	
800	41.3	45.7	29	
1000	38.6	44.4	49.1	28.4 33
1250	38.2	42.3	27.2	
1600	38.6	47.1	26	
2000	37.2	41.3	48.7	24.7 29.7
2500	35.2	39.3	23.8	
3150	34	53.3	22.6	
4000	38.4	40.2	69.2	69.3 20.7 25.8
5000	29.7	39.8	19.3	
6300	30.4	30.3	18.5	
8000	26.8	39.9	18.7	23.4
10000	23.6	24	18.8	
12500	22.5	25.4	18.8	
16000	21.3	21.9	28.6	20.1 25.1
20000	22.4	23.4	21.6	

Ln Start Level:

L 2.00	59.4 dBA
L 8.00	56.3 dBA
L 25.00	52.8 dBA
L 50.00	50.5 dBA
L 90.00	47.9 dBA
L 95.00	47.5 dBA

Detector:

Slow

Weighting:

A

SPL Exceedance Level 1: 65.0 dB

Exceeded: 1 times

SPL Exceedance level 2: 80 dB

Exceeded: 0 times

Peak-1 Exceedance Level: 100 dB

Exceeded: 0 times

Peak-2 Exceedance Level: 120 dB

Exceeded: 0 times

Hysteresis:

0 time(s)

Overloaded:

0 times for 00:00:00.0

Paused:

0 times for 00:00:00.0

Current Any Data

Start Time: 4-Feb-26 15:32:52
 Elapsed Time: 15:09.0

Leq:	A Weight	C Weight	Flat
SEL:	52.8 dBA	65.5 dBC	66.2 dBF
Peak:	82.4 dBA	95.1 dBC	95.8 dBF
	83.6 dBA	89.2 dBC	90.2 dBF
		2/4/2026 15:39	2/4/2026 15:34 2/4/2026 15:34
Lmax (slow):	66.7 dBA	80.7 dBC	80.8 dBF
		2/4/2026 15:39	2/4/2026 15:47 2/4/2026 15:47
Lmin (slow):	45.9 dBA	58.1 dBC	59.4 dBF
		2/4/2026 15:35	2/4/2026 15:33 2/4/2026 15:33
Lmax (fast):	73.5 dBA	82.4 dBC	82.6 dBF
		2/4/2026 15:39	2/4/2026 15:47 2/4/2026 15:47
Lmin (fast):	45.0 dBA	56.9 dBC	57.8 dBF
		2/4/2026 15:33	2/4/2026 15:46 2/4/2026 15:46
Lmax (impulse):	75.4 dBA	82.8 dBC	83.0 dBF
		2/4/2026 15:39	2/4/2026 15:47 2/4/2026 15:47
Lmin (impulse):	45.8 dBA	59.1 dBC	60.6 dBF
		2/4/2026 15:35	2/4/2026 15:33 2/4/2026 15:46
Calibrated:	1/1/2000 2:45	Offset: -46.3 dB	
Checked:	2/4/2026 19:03	Level: 113.8 dB	
Calibrator	597860	Level: 114.0 dB	
Cal Records Count:	0		
Interval Records:	Enabled	Number Interval Records:	17
History Records:	Enabled	Number History Records:	3638
Run/Stop Records:		Number Run/Stop Records:	2

SLM & RTA Summary

Translated: 14-Aug-26 14:47:04
 File Translated: C:\Data\Projects\Rio Americano HS\Field\RioAmHS Reference Measurements\ST_003.slmld
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 4-Feb-26 15:50:25
 Elapsed Time: 15:01.1

	A Weight	C Weight	Flat
Leq:	52.7 dBA	60.1 dBC	60.9 dBF
SEL:	82.2 dBA	89.7 dBC	90.5 dBF
Peak:	95.1 dBA	93.2 dBC	93.6 dBF
	2/4/2026 16:01	2/4/2026 16:01	2/4/2026 16:01
Lmax (slow):	67.8 dBA	73.4 dBC	73.5 dBF
	2/4/2026 15:50	2/4/2026 15:50	2/4/2026 15:50
Lmin (slow):	40.3 dBA	53.0 dBC	54.4 dBF
	2/4/2026 15:54	2/4/2026 15:56	2/4/2026 15:56
Lmax (fast):	73.9 dBA	78.8 dBC	78.8 dBF
	2/4/2026 15:50	2/4/2026 15:50	2/4/2026 15:50
Lmin (fast):	38.4 dBA	51.2 dBC	52.8 dBF
	2/4/2026 15:54	2/4/2026 15:56	2/4/2026 15:58
Lmax (impulse):	76.2 dBA	81.0 dBC	80.9 dBF
	2/4/2026 15:50	2/4/2026 15:50	2/4/2026 15:50
Lmin (impulse):	40.8 dBA	53.5 dBC	54.9 dBF
	2/4/2026 15:54	2/4/2026 15:56	2/4/2026 15:56

Spectra

Start Time: 4-Feb-26 15:50:25 Run Time: 15:01.1
 Freq Hz Leq 1/3 Oct Leq 1/1 Oct Max 1/3 Oct Max 1/1 Oct Min 1/3 Oct Min 1/1 Oct

12.5	46.7	50.9	26.6	
16	47.7	52.3	32.6	35.4
20	48	48.9	30.8	
25	48.9	51.5	35.4	
31.5	50	48.6	35.8	40.5
40	49.6	51.1	36.1	
50	49.4	50.3	34.2	
63	50.9	53.7	36	40.1
80	48.3	53.1	35.6	
100	48.7	55.3	34.7	
125	52.1	68.6	35.4	39.3
160	47.8	66.4	33.3	
200	45.3	49.7	29	
250	48.2	68.2	37.7	38.5
315	46	64.7	26.3	
400	47.5	76.3	26.5	
500	46.7	69.5	25.9	30.5
630	45.3	65.3	24.5	
800	42.3	61.7	24.4	
1000	39.9	56	23.8	28.4
1250	40.5	54.8	22.5	
1600	41.3	54.9	22	
2000	40.5	52	19.4	25.4
2500	39	49.6	20.2	
3150	37.6	46.3	19.8	
4000	35.7	48.8	19.3	23.8
5000	31.4	45.6	17.8	
6300	29.3	48.3	17.7	
8000	27.4	46.9	18	23
10000	25	48.4	18.8	
12500	21.9	38.6	18.6	
16000	21.4	28	19.9	24.9
20000	22.4	24.5	21.5	

Ln Start Level:

15 dBA

L 2.00	62.7 dBA
L 8.00	56.1 dBA
L 25.00	51.2 dBA
L 50.00	47.5 dBA
L 90.00	43.1 dBA
L 95.00	42.2 dBA

Detector:

Slow

Weighting:

A

SPL Exceedance Level 1: 65.0 dB

Exceeded: 6 times

SPL Exceedance level 2: 80 dB

Exceeded: 0 times

Peak-1 Exceedance Level: 100 dB

Exceeded: 0 times

Peak-2 Exceedance Level: 120 dB

Exceeded: 0 times

Hysteresis:

Overloaded:

Paused:

3
 0 time(s)
 0 times for 00:00:00

Current Any Data

Start Time: 4-Feb-26 15:50:25
 Elapsed Time: 15:01.1

	A Weight	C Weight	Flat
Leq:	52.7 dBA	60.1 dBC	60.9 dBF
SEL:	82.2 dBA	89.7 dBC	90.5 dBF
Peak:	95.1 dBA	93.2 dBC	93.6 dBF
	2/4/2026 16:01	2/4/2026 16:01	2/4/2026 16:01
Lmax (slow):	67.8 dBA	73.4 dBC	73.5 dBF
	2/4/2026 15:50	2/4/2026 15:50	2/4/2026 15:50
Lmin (slow):	40.3 dBA	53.0 dBC	54.4 dBF
	2/4/2026 15:54	2/4/2026 15:56	2/4/2026 15:56
Lmax (fast):	73.9 dBA	78.8 dBC	78.8 dBF
	2/4/2026 15:50	2/4/2026 15:50	2/4/2026 15:50
Lmin (fast):	38.4 dBA	51.2 dBC	52.8 dBF
	2/4/2026 15:54	2/4/2026 15:56	2/4/2026 15:58
Lmax (impulse):	76.2 dBA	81.0 dBC	80.9 dBF
	2/4/2026 15:50	2/4/2026 15:50	2/4/2026 15:50
Lmin (impulse):	40.8 dBA	53.5 dBC	54.9 dBF
	2/4/2026 15:54	2/4/2026 15:56	2/4/2026 15:56

Calibrated: 1/1/2000 2:45 Offset: -46.3 dB
 Checked: 2/4/2026 18:03 Level: 113.8 dB
 Calibrator 597860 Level: 114.0 dB
 Cal Records Count: 0

Interval Records: Enabled Number Interval Records: 16
 History Records: Enabled Number History Records: 3606
 Run/Stop Records: Number Run/Stop Records: 2

SLM & RTA Summary

Translated: 14-Aug-26 14:47:16
 File Translated: C:\Data\Projects\Rio Americano HS\Field\RioAmHS Reference Measurements\ST_004.slmidl
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 4-Feb-26 17:12:41
 Elapsed Time: 15:00.8

Leq:	A Weight	C Weight	Flat
SEL:	63.7 dBA	75.9 dBC	76.6 dBF
Peak:	93.2 dBA	105.4 dBC	106.1 dBF
	88.4 dBA	91.0 dBC	91.6 dBF
		2/4/2026 17:22	2/4/2026 17:24 2/4/2026 17:23
Lmax (slow):	75.8 dBA	79.8 dBC	80.8 dBF
Lmin (slow):	62.3 dBA	72.7 dBC	73.1 dBF
		2/4/2026 17:19	2/4/2026 17:20 2/4/2026 17:20
Lmax (fast):	80.7 dBA	81.4 dBC	82.4 dBF
Lmin (fast):	61.6 dBA	70.3 dBC	70.6 dBF
		2/4/2026 17:19	2/4/2026 17:20 2/4/2026 17:20
Lmax (impulse):	81.2 dBA	81.9 dBC	82.9 dBF
Lmin (impulse):	62.0 dBA	71.8 dBC	72.3 dBF
		2/4/2026 17:19	2/4/2026 17:14 2/4/2026 17:14

Spectra

Start Time:	4-Feb-26	17:12:41	Run Time:	15:00.8
Freq Hz	Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct Min 1/3 Oct Min 1/1 Oct
12.5	48.9	52.1	53.6	26.9
16	47	54	57.6	31
20	45.4	48.9	31.7	31.7
25	48.2	48.7	31.7	31.7
31.5	54	68.8	58.9	38.9
40	68.6	71.3	47.8	47.8
50	72.9	75.9	51.9	51.9
63	53.7	73.5	59.4	42.8
80	63.8	67.2	52.9	52.9
100	67.7	71.9	54.7	54.7
125	62.6	69.4	65.2	51.3
160	60.3	62.7	54.8	54.8
200	65.6	67.5	60.3	60.3
250	61.1	67.2	62.6	54.1
315	54.9	57.3	57.3	51.4
400	54.3	57.4	50.2	50.2
500	50.7	50.3	59	46.7
630	51.6	51.5	47.2	47.2
800	50.5	49	45.6	45.6
1000	52.7	57.4	53	57.6
1250	54.1	54.7	50	49.4
1600	51.6	51.4	46.8	46.8
2000	51.3	55.9	52.5	56.4
2500	50.3	50.9	45.7	45.7
3150	48.6	50.7	44.6	44.6
4000	51.2	53.8	77.3	77.9
5000	45.4	69.1	39.7	39.7
6300	42.6	43.4	37	37
8000	40.9	50	51.2	34.6
10000	37.5	39.9	31.1	31.1
12500	32.6	37.4	26.3	26.3
16000	27.9	34.4	32.3	39
20000	24.8	28.5	23	23

Ln Start Level:

15 dB
 L 2.00 66 dBA
 L 8.00 64.2 dBA
 L 25.00 63.8 dBA
 L 50.00 63.3 dBA
 L 90.00 62.8 dBA
 L 95.00 62.6 dBA

Detector:

Slow
 Weighting: A
 SPL Exceedance Level 1: 65.0 dB Exceeded: 1 times
 SPL Exceedance level 2: 80 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 100 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 120 dB Exceeded: 0 times
 Hysteresis: 3
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00

Current Any Data

Start Time: 4-Feb-26 17:12:41
 Elapsed Time: 15:00.8

Leq:	A Weight	C Weight	Flat
SEL:	63.7 dBA	75.9 dBC	76.6 dBF
Peak:	93.2 dBA	105.4 dBC	106.1 dBF
	88.4 dBA	91.0 dBC	91.6 dBF
		2/4/2026 17:22	2/4/2026 17:24 2/4/2026 17:23
Lmax (slow):	75.8 dBA	79.8 dBC	80.8 dBF
Lmin (slow):	62.3 dBA	72.7 dBC	73.1 dBF
		2/4/2026 17:19	2/4/2026 17:20 2/4/2026 17:20
Lmax (fast):	80.7 dBA	81.4 dBC	82.4 dBF
Lmin (fast):	61.6 dBA	70.3 dBC	70.6 dBF
		2/4/2026 17:19	2/4/2026 17:20 2/4/2026 17:20
Lmax (impulse):	81.2 dBA	81.9 dBC	82.9 dBF
Lmin (impulse):	62.0 dBA	71.8 dBC	72.3 dBF
		2/4/2026 17:19	2/4/2026 17:14 2/4/2026 17:14

Calibrated:

Checked: 1/1/2000 2:45 Offset: -46.3 dB
 Calibrator: 2/4/2026 19:03 Level: 113.8 dB
 Cal Records Count: 597860 Level: 114.0 dB
 0

Interval Records:

Enabled Number Interval Records: 16
 History Records: Enabled Number History Records: 3605
 Run/Stop Records: Number Run/Stop Records: 2

SLM & RTA Summary

Translated: 14-Aug-26 14:47:28
 File Translated: C:\Data\Projects\Rio Americano HS\Field\RioAmHS Reference Measurements\ST_005.sml
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 4-Feb-26 17:31:23
 Elapsed Time: 15:00.7

Leq:	A Weight	C Weight	Flat
SEL:	59.9 dBA	69.8 dBC	70.5 dBF
Peak:	89.4 dBA	99.4 dBC	100.0 dBF
	87.6 dBA	91.0 dBC	91.3 dBF
	2/4/2026 17:36	2/4/2026 17:36	2/4/2026 17:36
Lmax (slow):	70.5 dBA	74.0 dBC	75.4 dBF
Lmin (slow):	57.6 dBA	67.6 dBC	68.1 dBF
	2/4/2026 17:38	2/4/2026 17:34	2/4/2026 17:34
Lmax (fast):	74.1 dBA	76.5 dBC	77.5 dBF
Lmin (fast):	56.8 dBA	65.5 dBC	66.0 dBF
	2/4/2026 17:33	2/4/2026 17:36	2/4/2026 17:36
Lmax (impulse):	74.9 dBA	79.7 dBC	80.7 dBF
Lmin (impulse):	57.3 dBA	67.0 dBC	67.7 dBF
	2/4/2026 17:33	2/4/2026 17:37	2/4/2026 17:37

Spectra

Start Time:	4-Feb-26	17:31:23	Run Time:	15:00.7
Freq Hz	Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct Min 1/3 Oct Min 1/1 Oct
12.5	47.7		52.4	30.9
16	47.1		49.7	30.7
20	49.8		52	31.9
25	51.4		52.5	35.7
31.5	51.8	62.8	53.1	37.6 45.9
40	62.1		62.8	44.7
50	65.3		66	49.5
63	53.1	66	53.8	42.7 52
80	56.1		60.4	46.9
100	58		63.5	47.3
125	62.5	64.6	67.4	52.7 55.3
160	56.7		58.9	50.1
200	59.8		62.3	54.4
250	57.2	62.1	59.9	51.7 56.8
315	51.4		53.7	47.3
400	51.5		54.9	47.5
500	49.8	55.4	53.6	45.6 51.2
630	50.4		59	45.9
800	49.4		54.2	44.4
1000	49.8	54.1	48.8	43.6 48
1250	48.6		46.9	40.9
1600	47.3		48.3	40
2000	47.5	51.8	50.6	42.4 45.8
2500	46.3		49.5	40.3
3150	43.9		53.1	38.9
4000	47.5	49.4	69.6	36 41.2
5000	38.1		54.6	32
6300	33.6		38.1	29.7
8000	30.5	35.8	40.8	25.7 31.6
10000	25.7		30.6	21.7
12500	21.9		26.4	19.4
16000	21.3	26.7	23.2	20.1 25.3
20000	22.5		24.3	21.7

Ln Start Level: 15 dB

L 2.00	63.9 dBA
L 8.00	61.6 dBA
L 25.00	59.9 dBA
L 50.00	59 dBA
L 90.00	58.2 dBA
L 95.00	58.1 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 65.0 dB

Exceeded: 7 times

SPL Exceedance level 2: 80 dB

Exceeded: 0 times

Peak-1 Exceedance Level: 100 dB

Exceeded: 0 times

Peak-2 Exceedance Level: 120 dB

Exceeded: 0 times

Hysteresis:

Overloaded:

Paused:

0 time(s)

0 times for 00:00:00.0

Current Any Data

Start Time: 4-Feb-26 17:31:23
 Elapsed Time: 15:00.7

Leq:	A Weight	C Weight	Flat
SEL:	59.9 dBA	69.8 dBC	70.5 dBF
Peak:	89.4 dBA	99.4 dBC	100.0 dBF
	87.6 dBA	91.0 dBC	91.3 dBF
	2/4/2026 17:36	2/4/2026 17:36	2/4/2026 17:36
Lmax (slow):	70.5 dBA	74.0 dBC	75.4 dBF
Lmin (slow):	57.6 dBA	67.6 dBC	68.1 dBF
	2/4/2026 17:38	2/4/2026 17:34	2/4/2026 17:34
Lmax (fast):	74.1 dBA	76.5 dBC	77.5 dBF
Lmin (fast):	56.8 dBA	65.5 dBC	66.0 dBF
	2/4/2026 17:33	2/4/2026 17:36	2/4/2026 17:36
Lmax (impulse):	74.9 dBA	79.7 dBC	80.7 dBF
Lmin (impulse):	57.3 dBA	67.0 dBC	67.7 dBF
	2/4/2026 17:33	2/4/2026 17:37	2/4/2026 17:37

Calibrated:

Checked:

Calibrator

Cal Records Count:

1/1/2000 2:45 Offset: -46.3 dB

2/4/2026 18:03 Level: 113.8 dB

597860 Level: 114.0 dB

0

Interval Records:

History Records:

Run/Stop Records:

Enabled

Enabled

Number Interval Records:

Number History Records:

Number Run/Stop Records:

16

3605

2

SLM & RTA Summary

Translated: 14-Aug-26 14:47:40
 File Translated: C:\Data\Projects\Rio Americano HS\Field\RioAmHS Reference Measurements\ST_006.slmidl
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 4-Feb-26 17:57:55
 Elapsed Time: 20:01.1

	A Weight	C Weight	Flat
Leq:	63.8 dBA	75.7 dBC	76.6 dBF
SEL:	94.6 dBA	106.5 dBC	107.4 dBF
Peak:	98.2 dBA	96.8 dBC	97.2 dBF
	2/4/2026 18:01	2/4/2026 18:04	2/4/2026 18:01
Lmax (slow):	79.0 dBA	80.5 dBC	80.9 dBF
	2/4/2026 18:01	2/4/2026 18:01	2/4/2026 18:05
Lmin (slow):	62.3 dBA	72.0 dBC	72.4 dBF
	2/4/2026 18:14	2/4/2026 18:09	2/4/2026 18:09
Lmax (fast):	81.4 dBA	82.0 dBC	82.5 dBF
	2/4/2026 18:01	2/4/2026 18:01	2/4/2026 18:08
Lmin (fast):	61.8 dBA	68.6 dBC	69.1 dBF
	2/4/2026 18:16	2/4/2026 18:11	2/4/2026 18:11
Lmax (impulse):	82.7 dBA	83.9 dBC	84.3 dBF
	2/4/2026 18:01	2/4/2026 18:04	2/4/2026 18:04
Lmin (impulse):	62.0 dBA	71.8 dBC	72.0 dBF
	2/4/2026 18:03	2/4/2026 18:03	2/4/2026 18:09

Spectra

Start Time: 4-Feb-26 17:57:55 Run Time: 20:01.1
 Freq Hz Leq 1/3 Oct Max 1/3 Oct Max 1/1 Oct Min 1/3 Oct Min 1/1 Oct

12.5	45.6	52.9	29.4	
16	47.1	51.6	31.7	36.5
20	47.5	52.1	33.2	
25	49.5	56.3	33.6	
31.5	51.2	70.5	56.3	73.6
40	70.4	73.4	51.8	52
50	73.3	76.5	55.2	
63	54.7	73.7	57.2	76.9
80	62.6	66.3	52.7	57.3
100	64	67.3	54	
125	65.3	68.3	68.6	71.4
160	59.5	60.6	53.9	59.1
200	60.5	62.4	54.4	
250	60.4	64.2	61.8	66
315	55.9	58.7	51.7	59.1
400	56.3	65.9	51.6	
500	55.3	60.1	62.9	70.2
630	54.1	66.6	50.3	55.9
800	55	75.4	50.1	
1000	54.4	59	75.7	79.1
1250	53	69.9	48.2	54.3
1600	51.4	70	47.4	
2000	51.7	55.7	68.8	73.5
2500	49.2	66.6	46.2	52.2
3150	47.9	60.5	44.9	
4000	47.9	51.4	58	63.2
5000	42	55.1	39.2	47.5
6300	39.5	54.9	37	
8000	37	54.8	59.4	39.3
10000	32.4	54	29.8	
12500	27.3	44.9	24.5	
16000	23.3	29.8	40.1	21.7
20000	23.1	35.5	22.1	27.7

Ln Start Level:

15 dB

L 2.00	67.1 dBA
L 8.00	64.3 dBA
L 25.00	63.3 dBA
L 50.00	62.9 dBA
L 90.00	62.6 dBA
L 95.00	62.5 dBA

Detector:

Slow
 A
 Weighting: A
 SPL Exceedance Level 1: 65.0 dB Exceeded: 1 times
 SPL Exceedance level 2: 80 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 100 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 120 dB Exceeded: 0 times
 Hysteresis: 3
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00

Current Any Data

Start Time: 4-Feb-26 17:57:55
 Elapsed Time: 20:01.1

	A Weight	C Weight	Flat
Leq:	63.8 dBA	75.7 dBC	76.6 dBF
SEL:	94.6 dBA	106.5 dBC	107.4 dBF
Peak:	98.2 dBA	96.8 dBC	97.2 dBF
	2/4/2026 18:01	2/4/2026 18:04	2/4/2026 18:01
Lmax (slow):	79.0 dBA	80.5 dBC	80.9 dBF
	2/4/2026 18:01	2/4/2026 18:01	2/4/2026 18:05
Lmin (slow):	62.3 dBA	72.0 dBC	72.4 dBF
	2/4/2026 18:14	2/4/2026 18:09	2/4/2026 18:09
Lmax (fast):	81.4 dBA	82.0 dBC	82.5 dBF
	2/4/2026 18:01	2/4/2026 18:01	2/4/2026 18:08
Lmin (fast):	61.8 dBA	68.6 dBC	69.1 dBF
	2/4/2026 18:16	2/4/2026 18:11	2/4/2026 18:11
Lmax (impulse):	82.7 dBA	83.9 dBC	84.3 dBF
	2/4/2026 18:01	2/4/2026 18:04	2/4/2026 18:04
Lmin (impulse):	62.0 dBA	71.8 dBC	72.0 dBF
	2/4/2026 18:03	2/4/2026 18:03	2/4/2026 18:09

Calibrated: 1/1/2000 2:45 Offset: -46.3 dB
 Checked: 2/4/2026 18:03 Level: 113.8 dB
 Calibrator: 597860 Level: 114.0 dB
 Cal Records Count: 0

Interval Records: Enabled Number Interval Records: 21
 History Records: Enabled Number History Records: 4806
 Run/Stop Records: Number Run/Stop Records: 2

SLM & RTA Summary

Translated: 14-Aug-26 14:47:52
 File Translated: C:\Data\Projects\Rio Americano HS\Field\RioAmHS Reference Measurements\ST_007.slmld
 Model Number: 824
 Serial Number: A2624
 Firmware Rev: 4.29
 Software Version: 3.12
 Name: AECOM
 Descr1: 2020 L St
 Descr2: Sacramento, CA
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location:
 Note 1:
 Note 2:

Overall Any Data

Start Time: 4-Feb-26 18:42:47
 Elapsed Time: 17:26.2

Leq:	A Weight	C Weight	Flat
SEL:	59.5 dBA	63.1 dBC	63.4 dBF
Peak:	89.7 dBA	93.3 dBC	93.6 dBF
	92.6 dBA	94.6 dBC	94.7 dBF
	2/4/2026 18:48	2/4/2026 18:48	2/4/2026 18:48
Lmax (slow):	74.8 dBA	76.7 dBC	76.7 dBF
	2/4/2026 18:48	2/4/2026 18:48	2/4/2026 18:48
Lmin (slow):	40.3 dBA	53.3 dBC	54.5 dBF
	2/4/2026 18:54	2/4/2026 18:54	2/4/2026 18:54
Lmax (fast):	79.9 dBA	81.6 dBC	81.6 dBF
	2/4/2026 18:48	2/4/2026 18:48	2/4/2026 18:48
Lmin (fast):	39.8 dBA	51.3 dBC	52.9 dBF
	2/4/2026 18:54	2/4/2026 18:53	2/4/2026 18:53
Lmax (impulse):	82.8 dBA	84.5 dBC	84.5 dBF
	2/4/2026 18:48	2/4/2026 18:48	2/4/2026 18:48
Lmin (impulse):	40.2 dBA	54.0 dBC	55.0 dBF
	2/4/2026 18:54	2/4/2026 18:54	2/4/2026 18:54

Spectra

Start Time:	4-Feb-26	18:42:47	Run Time:	17:26.2
Leq 1/3 Oct	Leq 1/1 Oct	Max 1/3 Oct	Max 1/1 Oct	Min 1/3 Oct
Min 1/1 Oct				
12.5	45.6	50.6	25.3	
16	45.7	50.8	28.4	34.2
20	46.6	51.9	32.1	
25	47.2	53.6	30.4	
31.5	48.8	53.3	32.7	38.8
40	49.3	54.7	36.6	
50	49.9	54.5	37.2	
63	48.8	53.9	38.8	43.3
80	48.8	52.7	39.3	
100	49.9	56.6	37.6	
125	49.8	56.6	38.7	42.3
160	46.5	55.6	35.6	
200	44.4	54.7	34	
250	43.5	60.7	29.7	35.9
315	44.1	63.4	26.3	
400	51.3	65.7	26.4	
500	57.7	71	28.5	33.6
630	54.1	76.2	30.5	
800	53.5	74.4	30.7	
1000	48.9	71.2	28.9	33.8
1250	48.5	69.5	26.5	
1600	45.4	65.1	22.7	
2000	38.8	57.1	19.9	25.4
2500	32.1	52	17.9	
3150	29.6	49	16.3	
4000	28.9	47.7	16.3	21.2
5000	29.8	49.4	16.8	
6300	29.3	46.5	16.9	
8000	24.3	41.3	17.8	22.6
10000	22.5	37.7	18.7	
12500	20.8	33.2	18.7	
16000	21.2	28	20.1	25.1
20000	23.3	25	21.7	

Ln Start Level:

L 2.00	15 dB	70.6 dBA
L 8.00		65.8 dBA
L 25.00		48.3 dBA
L 50.00		42.8 dBA
L 90.00		41.3 dBA
L 95.00		41 dBA

Detector:

Slow
 Weighting: A
 SPL Exceedance Level 1: 65.0 dB Exceeded: 25 times
 SPL Exceedance level 2: 80 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 100 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 120 dB Exceeded: 0 times
 Hysteresis: 3
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00

Current Any Data

Start Time: 4-Feb-26 18:42:47
 Elapsed Time: 17:26.2

Leq:	A Weight	C Weight	Flat
SEL:	59.5 dBA	63.1 dBC	63.4 dBF
Peak:	89.7 dBA	93.3 dBC	93.6 dBF
	92.6 dBA	94.6 dBC	94.7 dBF
	2/4/2026 18:48	2/4/2026 18:48	2/4/2026 18:48
Lmax (slow):	74.8 dBA	76.7 dBC	76.7 dBF
	2/4/2026 18:48	2/4/2026 18:48	2/4/2026 18:48
Lmin (slow):	40.3 dBA	53.3 dBC	54.5 dBF
	2/4/2026 18:54	2/4/2026 18:54	2/4/2026 18:54
Lmax (fast):	79.9 dBA	81.6 dBC	81.6 dBF
	2/4/2026 18:48	2/4/2026 18:48	2/4/2026 18:48
Lmin (fast):	39.8 dBA	51.3 dBC	52.9 dBF
	2/4/2026 18:54	2/4/2026 18:53	2/4/2026 18:53
Lmax (impulse):	82.8 dBA	84.5 dBC	84.5 dBF
	2/4/2026 18:48	2/4/2026 18:48	2/4/2026 18:48
Lmin (impulse):	40.2 dBA	54.0 dBC	55.0 dBF
	2/4/2026 18:54	2/4/2026 18:54	2/4/2026 18:54

Calibrated:

Checked: 1/1/2000 2:45 Offset: -46.3 dB
 Calibrator: 2/4/2026 18:03 Level: 113.8 dB
 Cal Records Count: 597860 Level: 114.0 dB
 0

Interval Records:	Enabled	Number Interval Records:	19
History Records:	Enabled	Number History Records:	4187
Run/Stop Records:		Number Run/Stop Records:	2

Traffic Noise Prediction Model, (FHWA RD-77-108)**Model Input Sheet**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Ground Type : Hard
Metric (L_{eq}, L_{dn}, CNEL) : Ldn
K Factor : NA
Traffic Desc. (Peak or ADT) : ADT

AECOM

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
1	American River Drive between Morris Way and Saverien Drive			5593	45	30	95	2	3	85	0	15	
2	American River Drive between Saverien Drive and Wixford Way			5600	45	30	95	2	3	85	0	15	
3	Saverien Drive between Fair Oaks Boulevard and American Riv			4539	45	30	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6004	45	30	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5847	45	30	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			5527	45	30	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6240	45	30	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5988	45	30	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			6093	45	30	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6104	45	30	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5989	45	30	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			5610	45	30	95	2	3	85	0	15	

0

Traffic Noise Prediction Model, (FHWA RD-77-108)**Predicted Noise Levels**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Metric (Leq, Ldn, CNEL) : Ldn

AECOM

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	100 dB	70 dB	65 dB	50 dB	30 dB
1	American River Drive betw			66.8	58.3	64.6	69.2	0.02	25	79	2500	249981
2	American River Drive betw			66.8	58.3	64.6	69.2	0.03	25	79	2503	250294
3	Saverien Drive between Fair Oaks Boulevard and American Riv			65.9	57.4	63.6	68.3	0.02	20	64	2029	202872
#####	American River Drive betw			67.1	58.6	64.9	69.5	0.03	27	85	2684	268351
#####	American River Drive betw			67.0	58.5	64.7	69.4	0.03	26	83	2613	261334
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			66.8	58.2	64.5	69.2	0.02	25	78	2470	247031
#####	American River Drive betw			67.3	58.8	65.0	69.7	0.03	28	88	2789	278899
#####	American River Drive betw			67.1	58.6	64.9	69.5	0.03	27	85	2676	267636
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			67.2	58.7	64.9	69.6	0.03	27	86	2723	272329
#####	American River Drive betw			67.2	58.7	64.9	69.6	0.03	27	86	2728	272820
#####	American River Drive betw			67.1	58.6	64.9	69.5	0.03	27	85	2677	267680
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			66.8	58.3	64.6	69.2	0.03	25	79	2507	250741

Traffic Noise Prediction Model, (FHWA RD-77-108)**Model Input Sheet**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Ground Type : Hard
Metric (L_{eq}, L_{dn}, CNEL) : Leq
K Factor : NA
Traffic Desc. (Peak or ADT) : Peak

AECOM

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
1	American River Drive between Morris Way and Saverien Drive			710	45	30	95	2	3	85	0	15	
2	American River Drive between Saverien Drive and Wixford Way			703	45	30	95	2	3	85	0	15	
3	Saverien Drive between Fair Oaks Boulevard and American Riv			810	45	30	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			753	45	30	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			755	45	30	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1645	45	30	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			405	45	30	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			383	45	30	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1012	45	30	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			803	45	30	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			817	45	30	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1349	45	30	95	2	3	85	0	15	

0

Traffic Noise Prediction Model, (FHWA RD-77-108)**Predicted Noise Levels**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Metric (Leq, Ldn, CNEL) : Leq

AECOM

Segment	Roadway	Segment		Noise Levels, dB Leq				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	100 dB	70 dB	65 dB	50 dB	30 dB
1	American River Drive betw			67.9	59.4	65.7	70.3	0.03	32	102	3241	324089
2	American River Drive betw			67.9	59.4	65.6	70.3	0.03	32	101	3209	320893
3	Saverien Drive between Fair Oaks Boulevard and American Riv			68.5	60.0	66.3	70.9	0.04	37	117	3697	369735
#####	American River Drive betw			68.2	59.7	65.9	70.6	0.03	34	109	3437	343716
#####	American River Drive betw			68.2	59.7	65.9	70.6	0.03	34	109	3446	344629
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			71.6	63.1	69.3	74.0	0.08	75	237	7509	750881
#####	American River Drive betw			65.5	57.0	63.2	67.9	0.02	18	58	1849	184867
#####	American River Drive betw			65.3	56.7	63.0	67.7	0.02	17	55	1748	174825
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			69.5	61.0	67.2	71.9	0.05	46	146	4619	461940
#####	American River Drive betw			68.5	60.0	66.2	70.9	0.04	37	116	3665	366540
#####	American River Drive betw			68.6	60.0	66.3	70.9	0.04	37	118	3729	372930
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			70.7	62.2	68.5	73.1	0.06	62	195	6158	615768

Traffic Noise Prediction Model, (FHWA RD-77-108)**Model Input Sheet**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Ground Type : Hard
Metric (L_{eq}, L_{dn}, CNEL) : Ldn
K Factor : NA
Traffic Desc. (Peak or ADT) : ADT

AECOM

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
1	American River Drive between Morris Way and Saverien Drive			5593	45	50	95	2	3	85	0	15	
2	American River Drive between Saverien Drive and Wixford Way			5600	45	50	95	2	3	85	0	15	
3	Saverien Drive between Fair Oaks Boulevard and American Riv			4539	45	50	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6004	45	50	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5847	45	50	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			5527	45	50	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6240	45	50	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5988	45	50	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			6093	45	50	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6104	45	50	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5989	45	50	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			5610	45	50	95	2	3	85	0	15	

0

Traffic Noise Prediction Model, (FHWA RD-77-108)**Predicted Noise Levels**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Metric (Leq, Ldn, CNEL) : Ldn

AECOM

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	100 dB	70 dB	65 dB	50 dB	30 dB
1	American River Drive betw			64.6	56.1	62.3	67.0	0.02	25	79	2500	249981
2	American River Drive betw			64.6	56.1	62.3	67.0	0.03	25	79	2503	250294
3	Saverien Drive between Fair Oaks Boulevard and American Riv			63.7	55.2	61.4	66.1	0.02	20	64	2029	202872
#####	American River Drive betw			64.9	56.4	62.6	67.3	0.03	27	85	2684	268351
#####	American River Drive betw			64.8	56.3	62.5	67.2	0.03	26	83	2613	261334
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			64.5	56.0	62.3	66.9	0.02	25	78	2470	247031
#####	American River Drive betw			65.1	56.6	62.8	67.5	0.03	28	88	2789	278899
#####	American River Drive betw			64.9	56.4	62.6	67.3	0.03	27	85	2676	267636
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			65.0	56.5	62.7	67.4	0.03	27	86	2723	272329
#####	American River Drive betw			65.0	56.5	62.7	67.4	0.03	27	86	2728	272820
#####	American River Drive betw			64.9	56.4	62.6	67.3	0.03	27	85	2677	267680
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			64.6	56.1	62.4	67.0	0.03	25	79	2507	250741

Traffic Noise Prediction Model, (FHWA RD-77-108)**Model Input Sheet**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Ground Type : Hard
Metric (L_{eq}, L_{dn}, CNEL) : Leq
K Factor : NA
Traffic Desc. (Peak or ADT) : Peak

AECOM

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
1	American River Drive between Morris Way and Saverien Drive			710	45	50	95	2	3	85	0	15	
2	American River Drive between Saverien Drive and Wixford Way			703	45	50	95	2	3	85	0	15	
3	Saverien Drive between Fair Oaks Boulevard and American Riv			810	45	50	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			753	45	50	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			755	45	50	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1645	45	50	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			405	45	50	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			383	45	50	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1012	45	50	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			803	45	50	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			817	45	50	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1349	45	50	95	2	3	85	0	15	

0

Traffic Noise Prediction Model, (FHWA RD-77-108)**Predicted Noise Levels**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Metric (Leq, Ldn, CNEL) : Leq

AECOM

Segment	Roadway	Segment		Noise Levels, dB Leq				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	100 dB	70 dB	65 dB	50 dB	30 dB
1	American River Drive betw			65.7	57.2	63.5	68.1	0.03	32	102	3241	324089
2	American River Drive betw			65.7	57.2	63.4	68.1	0.03	32	101	3209	320893
3	Saverien Drive between Fair Oaks Boulevard and American Riv			66.3	57.8	64.0	68.7	0.04	37	117	3697	369735
#####	American River Drive betw			66.0	57.5	63.7	68.4	0.03	34	109	3437	343716
#####	American River Drive betw			66.0	57.5	63.7	68.4	0.03	34	109	3446	344629
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			69.4	60.9	67.1	71.8	0.08	75	237	7509	750881
#####	American River Drive betw			63.3	54.8	61.0	65.7	0.02	18	58	1849	184867
#####	American River Drive betw			63.0	54.5	60.8	65.4	0.02	17	55	1748	174825
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			67.3	58.7	65.0	69.7	0.05	46	146	4619	461940
#####	American River Drive betw			66.3	57.7	64.0	68.7	0.04	37	116	3665	366540
#####	American River Drive betw			66.3	57.8	64.1	68.7	0.04	37	118	3729	372930
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			68.5	60.0	66.3	70.9	0.06	62	195	6158	615768

Traffic Noise Prediction Model, (FHWA RD-77-108)**Model Input Sheet**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Ground Type : Hard
Metric (L_{eq}, L_{dn}, CNEL) : Ldn
K Factor : NA
Traffic Desc. (Peak or ADT) : ADT

AECOM

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
1	American River Drive between Morris Way and Saverien Drive			5593	45	70	95	2	3	85	0	15	
2	American River Drive between Saverien Drive and Wixford Way			5600	45	70	95	2	3	85	0	15	
3	Saverien Drive between Fair Oaks Boulevard and American Riv			4539	45	70	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6004	45	70	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5847	45	70	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			5527	45	70	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6240	45	70	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5988	45	70	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			6093	45	70	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6104	45	70	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5989	45	70	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			5610	45	70	95	2	3	85	0	15	

0

Traffic Noise Prediction Model, (FHWA RD-77-108)**Predicted Noise Levels**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Metric (Leq, Ldn, CNEL) : Ldn

AECOM

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	100 dB	70 dB	65 dB	50 dB	30 dB
1	American River Drive betw			63.1	54.6	60.9	65.5	0.02	25	79	2500	249981
2	American River Drive betw			63.1	54.6	60.9	65.5	0.03	25	79	2503	250294
3	Saverien Drive between Fair Oaks Boulevard and American Riv			62.2	53.7	60.0	64.6	0.02	20	64	2029	202872
#####	American River Drive betw			63.4	54.9	61.2	65.8	0.03	27	85	2684	268351
#####	American River Drive betw			63.3	54.8	61.1	65.7	0.03	26	83	2613	261334
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			63.1	54.6	60.8	65.5	0.02	25	78	2470	247031
#####	American River Drive betw			63.6	55.1	61.4	66.0	0.03	28	88	2789	278899
#####	American River Drive betw			63.4	54.9	61.2	65.8	0.03	27	85	2676	267636
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			63.5	55.0	61.2	65.9	0.03	27	86	2723	272329
#####	American River Drive betw			63.5	55.0	61.3	65.9	0.03	27	86	2728	272820
#####	American River Drive betw			63.4	54.9	61.2	65.8	0.03	27	85	2677	267680
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			63.1	54.6	60.9	65.5	0.03	25	79	2507	250741

Traffic Noise Prediction Model, (FHWA RD-77-108)**Model Input Sheet**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Ground Type : Hard
Metric (L_{eq}, L_{dn}, CNEL) : Leq
K Factor : NA
Traffic Desc. (Peak or ADT) : Peak

AECOM

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
1	American River Drive between Morris Way and Saverien Drive			710	45	70	95	2	3	85	0	15	
2	American River Drive between Saverien Drive and Wixford Way			703	45	70	95	2	3	85	0	15	
3	Saverien Drive between Fair Oaks Boulevard and American Riv			810	45	70	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			753	45	70	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			755	45	70	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1645	45	70	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			405	45	70	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			383	45	70	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1012	45	70	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			803	45	70	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			817	45	70	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1349	45	70	95	2	3	85	0	15	

0

Traffic Noise Prediction Model, (FHWA RD-77-108)**Predicted Noise Levels**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Metric (Leq, Ldn, CNEL) : Leq

AECOM

Segment	Roadway	Segment		Noise Levels, dB Leq				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	100 dB	70 dB	65 dB	50 dB	30 dB
1	American River Drive betw			64.3	55.7	62.0	66.7	0.03	32	102	3241	324089
2	American River Drive betw			64.2	55.7	62.0	66.6	0.03	32	101	3209	320893
3	Saverien Drive between Fair Oaks Boulevard and American Riv			64.8	56.3	62.6	67.2	0.04	37	117	3697	369735
#####	American River Drive betw			64.5	56.0	62.3	66.9	0.03	34	109	3437	343716
#####	American River Drive betw			64.5	56.0	62.3	66.9	0.03	34	109	3446	344629
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			67.9	59.4	65.7	70.3	0.08	75	237	7509	750881
#####	American River Drive betw			61.8	53.3	59.6	64.2	0.02	18	58	1849	184867
#####	American River Drive betw			61.6	53.1	59.3	64.0	0.02	17	55	1748	174825
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			65.8	57.3	63.5	68.2	0.05	46	146	4619	461940
#####	American River Drive betw			64.8	56.3	62.5	67.2	0.04	37	116	3665	366540
#####	American River Drive betw			64.9	56.4	62.6	67.3	0.04	37	118	3729	372930
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			67.0	58.5	64.8	69.4	0.06	62	195	6158	615768

Traffic Noise Prediction Model, (FHWA RD-77-108)**Model Input Sheet**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Ground Type : Hard
Metric (L_{eq}, L_{dn}, CNEL) : Ldn
K Factor : NA
Traffic Desc. (Peak or ADT) : ADT

AECOM

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
1	American River Drive between Morris Way and Saverien Drive			5593	45	100	95	2	3	85	0	15	
2	American River Drive between Saverien Drive and Wixford Way			5600	45	100	95	2	3	85	0	15	
3	Saverien Drive between Fair Oaks Boulevard and American Riv			4539	45	100	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6004	45	100	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5847	45	100	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			5527	45	100	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6240	45	100	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5988	45	100	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			6093	45	100	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			6104	45	100	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			5989	45	100	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			5610	45	100	95	2	3	85	0	15	

0

Traffic Noise Prediction Model, (FHWA RD-77-108)**Predicted Noise Levels**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Metric (Leq, Ldn, CNEL) : Ldn

AECOM

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	100 dB	70 dB	65 dB	50 dB	30 dB
1	American River Drive betw			61.6	53.1	59.3	64.0	0.02	25	79	2500	249981
2	American River Drive betw			61.6	53.1	59.3	64.0	0.03	25	79	2503	250294
3	Saverien Drive between Fair Oaks Boulevard and American Riv			60.7	52.2	58.4	63.1	0.02	20	64	2029	202872
#####	American River Drive betw			61.9	53.4	59.6	64.3	0.03	27	85	2684	268351
#####	American River Drive betw			61.8	53.3	59.5	64.2	0.03	26	83	2613	261334
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			61.5	53.0	59.3	63.9	0.02	25	78	2470	247031
#####	American River Drive betw			62.1	53.5	59.8	64.5	0.03	28	88	2789	278899
#####	American River Drive betw			61.9	53.4	59.6	64.3	0.03	27	85	2676	267636
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			62.0	53.4	59.7	64.4	0.03	27	86	2723	272329
#####	American River Drive betw			62.0	53.4	59.7	64.4	0.03	27	86	2728	272820
#####	American River Drive betw			61.9	53.4	59.6	64.3	0.03	27	85	2677	267680
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			61.6	53.1	59.3	64.0	0.03	25	79	2507	250741

Traffic Noise Prediction Model, (FHWA RD-77-108)**Model Input Sheet**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Ground Type : Hard
Metric (L_{eq}, L_{dn}, CNEL) : Leq
K Factor : NA
Traffic Desc. (Peak or ADT) : Peak

AECOM

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
1	American River Drive between Morris Way and Saverien Drive			710	45	100	95	2	3	85	0	15	
2	American River Drive between Saverien Drive and Wixford Way			703	45	100	95	2	3	85	0	15	
3	Saverien Drive between Fair Oaks Boulevard and American Riv			810	45	100	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			753	45	100	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			755	45	100	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1645	45	100	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			405	45	100	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			383	45	100	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1012	45	100	95	2	3	85	0	15	
#####	American River Drive between Morris Way and Saverien Drive			803	45	100	95	2	3	85	0	15	
#####	American River Drive between Saverien Drive and Wixford Way			817	45	100	95	2	3	85	0	15	
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			1349	45	100	95	2	3	85	0	15	

0

Traffic Noise Prediction Model, (FHWA RD-77-108)**Predicted Noise Levels**

Project Name : 60747601 - Rio Americano High School EIR
Project Number : 60747601
Modeling Condition : Existing
Metric (Leq, Ldn, CNEL) : Leq

AECOM

Segment	Roadway	Segment		Noise Levels, dB Leq				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	100 dB	70 dB	65 dB	50 dB	30 dB
1	American River Drive betw			62.7	54.2	60.5	65.1	0.03	32	102	3241	324089
2	American River Drive betw			62.7	54.2	60.4	65.1	0.03	32	101	3209	320893
3	Saverien Drive between Fair Oaks Boulevard and American Riv			63.3	54.8	61.0	65.7	0.04	37	117	3697	369735
#####	American River Drive betw			63.0	54.5	60.7	65.4	0.03	34	109	3437	343716
#####	American River Drive betw			63.0	54.5	60.7	65.4	0.03	34	109	3446	344629
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			66.4	57.8	64.1	68.8	0.08	75	237	7509	750881
#####	American River Drive betw			60.3	51.8	58.0	62.7	0.02	18	58	1849	184867
#####	American River Drive betw			60.0	51.5	57.8	62.4	0.02	17	55	1748	174825
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			64.3	55.7	62.0	66.6	0.05	46	146	4619	461940
#####	American River Drive betw			63.2	54.7	61.0	65.6	0.04	37	116	3665	366540
#####	American River Drive betw			63.3	54.8	61.1	65.7	0.04	37	118	3729	372930
#####	Saverien Drive between Fair Oaks Boulevard and American Riv			65.5	57.0	63.2	67.9	0.06	62	195	6158	615768