

Appendix 3.7-1
Noise Supporting Data

Fieldwork

Noise Measurement Data

Fieldwork

Long Term Data

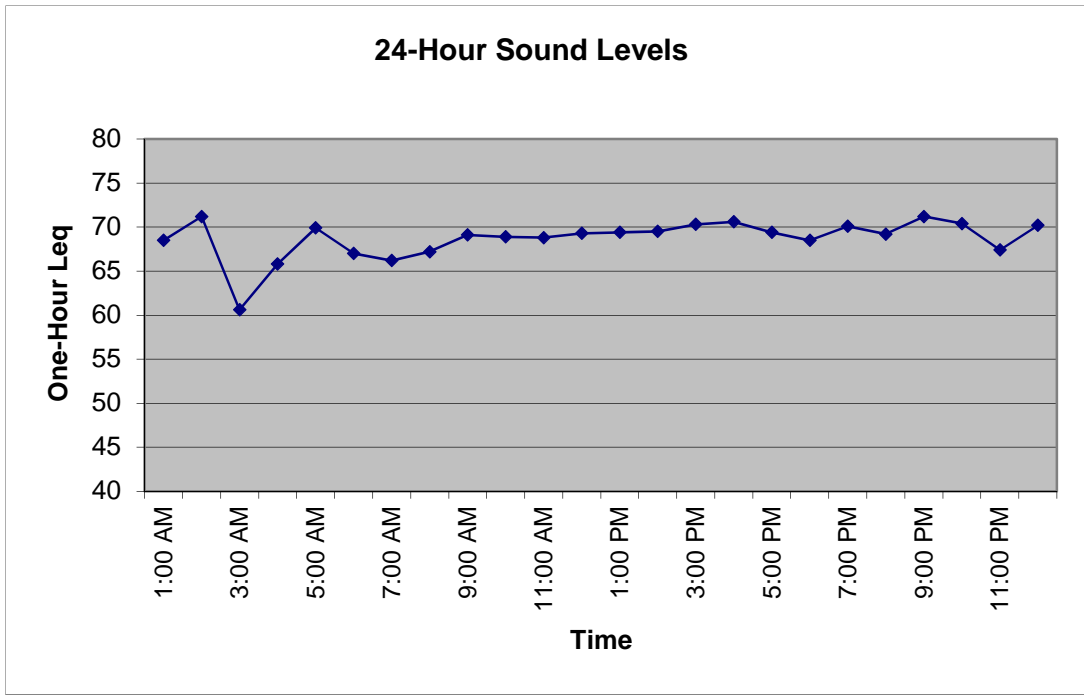
LT-1 (Meter 6) Raw Data

Rec 4 to 51		Slow Response		dBA weighting		2.0 dB resolution stats												
Date hh:mm:ss	LeqPeriod	Leq	SEL	Lmax	Lmin	L1%	L5%	L10%	L50%	L90%	L95%	L99%	Lmedian	Lmean	StdDev	L2%	L8%	L25%
6/3/2019 11:49	1.0 hour	70.7	106.3	88.7	59.6	83	75	71	65	61	61	59	65	65.3	4.39	81	71	67
6/3/2019 12:49	1.0 hour	69.5	105.1	85	60.6	81	73	69	65	63	61	61	65	65.8	3.64	79	71	67
6/3/2019 13:49	1.0 hour	70.3	105.9	89.5	60.4	81	71	69	65	63	63	61	65	65.7	3.43	77	69	67
6/3/2019 14:49	1.0 hour	70.6	106.2	89	61.9	83	73	69	65	63	63	61	65	66.1	3.57	79	69	67
6/3/2019 15:49	1.0 hour	69.4	105	90.3	62.6	77	73	69	65	63	63	63	65	66.4	3.02	77	71	67
6/3/2019 16:49	1.0 hour	68.5	104.1	84	61	79	71	69	65	63	63	61	65	65.6	3.07	75	69	67
6/3/2019 17:49	1.0 hour	70.1	105.7	86.9	61.1	81	75	69	65	63	63	61	65	66.1	3.73	79	71	67
6/3/2019 18:49	1.0 hour	69.2	104.8	86.2	61.8	79	71	69	65	63	63	63	65	66.4	2.95	75	69	67
6/3/2019 19:49	1.0 hour	71.2	106.8	93.6	61.3	83	73	69	65	63	63	61	65	66.5	3.6	79	71	67
6/3/2019 20:49	1.0 hour	70.4	106	98.1	61.7	81	73	69	65	63	63	61	65	65.6	3.45	77	69	67
6/3/2019 21:49	1.0 hour	67.4	103	88.7	57.8	75	69	67	63	61	61	59	63	63.9	3.12	71	67	65
6/3/2019 22:49	1.0 hour	70.2	105.8	92.8	58.2	83	69	67	61	59	59	59	61	62.5	4.31	79	67	63
6/3/2019 23:49	1.0 hour	68.5	104.1	89.5	53.1	81	67	65	59	55	55	53	59	60.4	4.69	77	65	63
6/4/2019 0:49	1.0 hour	71.2	106.8	91.7	48.5	85	67	63	57	51	51	49	57	57.6	6.47	81	65	61
6/4/2019 1:49	1.0 hour	60.6	96.2	82.2	46.7	67	63	61	53	49	49	47	53	54.3	4.71	65	61	57
6/4/2019 2:49	1.0 hour	65.8	101.4	91	48.1	71	63	61	55	51	49	49	55	55.3	4.78	67	61	57
6/4/2019 3:49	1.0 hour	69.9	105.5	101.4	51	69	65	63	57	53	53	51	57	58.2	4.11	67	63	61
6/4/2019 4:49	1.0 hour	67	102.6	88.9	54.6	75	67	67	61	57	57	55	61	61.7	3.92	71	67	63
6/4/2019 5:49	1.0 hour	66.2	101.8	83.8	57.6	75	69	67	63	59	59	57	63	63.1	3.47	71	67	65
6/4/2019 6:49	1.0 hour	67.2	102.8	82.8	57.3	75	69	69	65	59	59	57	65	64.3	3.65	73	69	67
6/4/2019 7:49	1.0 hour	69.1	104.7	95	54.6	75	69	67	63	59	57	55	63	63.3	4.24	73	69	65
6/4/2019 8:49	1.0 hour	68.9	104.5	87.7	54.9	81	71	69	63	57	57	55	63	63.2	4.95	79	69	65
6/4/2019 9:49	1.0 hour	68.8	104.4	95	54.5	75	69	67	61	57	57	55	61	62.3	4.27	73	67	65
6/4/2019 10:49	1.0 hour	69.3	104.9	89.1	57	81	71	67	63	61	59	57	63	64	4.13	79	69	65
6/4/2019 11:49	1.0 hour	69.4	105	87.4	58.7	81	71	69	63	61	61	59	63	64.5	3.89	79	69	65
6/4/2019 12:49	1.0 hour	70.2	105.8	90.2	61.2	81	71	69	65	63	63	61	65	65.6	3.55	79	69	67
6/4/2019 13:49	1.0 hour	68.2	103.8	85.2	60.3	79	71	69	65	61	61	61	65	64.9	3.32	75	69	67
6/4/2019 14:49	1.0 hour	72.9	108.5	96.5	61	85	77	71	65	63	61	61	65	66.1	4.63	83	73	67
6/4/2019 15:49	1.0 hour	68.3	103.9	86.3	61.5	79	69	67	65	63	63	61	65	65.4	2.84	75	69	67
6/4/2019 16:49	1.0 hour	70	105.6	89.4	60.1	81	73	69	65	63	61	61	65	65.3	3.76	79	69	67
6/4/2019 17:49	1.0 hour	69.3	104.9	88	61.2	79	71	69	65	63	63	61	65	66	3.05	77	69	67
6/4/2019 18:49	1.0 hour	68	103.6	86.7	62.9	75	69	67	65	65	63	63	65	66	2.16	71	69	67
6/4/2019 19:49	1.0 hour	71	106.6	90.1	64.2	81	73	71	67	65	65	65	67	67.6	3	79	71	69
6/4/2019 20:49	1.0 hour	69.1	104.7	87.5	63.5	77	71	69	65	65	65	63	65	66.5	2.55	75	69	67
6/4/2019 21:49	1.0 hour	67.7	103.3	88.8	61.4	73	69	67	65	63	63	61	65	64.7	2.49	71	67	65
6/4/2019 22:49	1.0 hour	72.6	108.2	93	59.4	85	75	69	63	61	59	59	63	64.2	4.82	81	69	65
6/4/2019 23:49	1.0 hour	66.8	102.4	87.5	55.1	79	67	65	61	57	57	55	61	61	3.98	73	65	63
6/5/2019 0:49	1.0 hour	67.1	102.7	86.3	52.9	81	67	65	57	55	53	53	57	58.6	4.99	77	65	61
6/5/2019 1:49	1.0 hour	64.2	99.8	87.1	50.1	77	65	63	57	53	53	51	57	57.2	4.2	67	63	59
6/5/2019 2:49	1.0 hour	67	102.6	87.3	51.6	81	67	65	57	53	53	53	57	58.6	5.32	77	65	61
6/5/2019 3:49	1.0 hour	62.4	98	81.7	53.3	69	65	63	59	55	55	53	59	58.9	3.52	67	63	61
6/5/2019 4:49	1.0 hour	65.6	101.2	81.5	58.4	73	69	67	63	61	59	59	63	63.3	2.87	69	67	65
6/5/2019 5:49	1.0 hour	66.9	102.5	85.9	60.9	73	69	69	65	61	61	61	65	64.7	2.74	71	69	67
6/5/2019 6:49	1.0 hour	66.8	102.4	80.4	59.3	73	69	69	65	61	61	59	65	64.6	2.97	71	69	67
6/5/2019 7:49	1.0 hour	66.2	101.8	85.7	56.9	73	69	67	63	59	59	57	63	63.3	3.18	71	67	65
6/5/2019 8:49	1.0 hour	67.4	103	86.8	58.2	77	69	67	63	59	59	59	63	63.8	3.58	75	69	65
6/5/2019 9:49	1.0 hour	67.7	103.3	88.2	59.7	75	69	67	65	61	61	59	65	64.5	3.03	73	69	65
6/5/2019 10:49	52.2 min	68.7	103.7	87.6	59.8	79	71	69	65	63	61	61	65	65.3	3.41	77	69	67

Lowest LEQ 60.6
 Highest LEQ 72.9

Ldn/CNEL Calculation Spreadsheet

Project:	Bayhill SP	Date:	6/3/2019	Analyst:	E. Scott			
Location:	LT-1a							
					Worst Hour	Ldn minus	CNEL minus	
Time	6/3/2019	Leq(24)	Ldn	CNEL	Leq	Worst Hour Leq	Ldn	Day
Midnight	68.5	69.1	74.9	75.3	71.2	3.7	0.4	Evening
1:00 AM	71.2		7.7	8.1				Night
2:00 AM	60.6							
3:00 AM	65.8							
4:00 AM	69.9							
5:00 AM	67							
6:00 AM	66.2							
7:00 AM	67.2							
8:00 AM	69.1							
9:00 AM	68.9							
10:00 AM	68.8							
11:00 AM	69.3							
Noon	69.4							
1:00 PM	69.5							
2:00 PM	70.3							
3:00 PM	70.6							
4:00 PM	69.4							
5:00 PM	68.5							
6:00 PM	70.1							
7:00 PM	69.2							
8:00 PM	71.2							
9:00 PM	70.4							
10:00 PM	67.4							
11:00 PM	70.2							

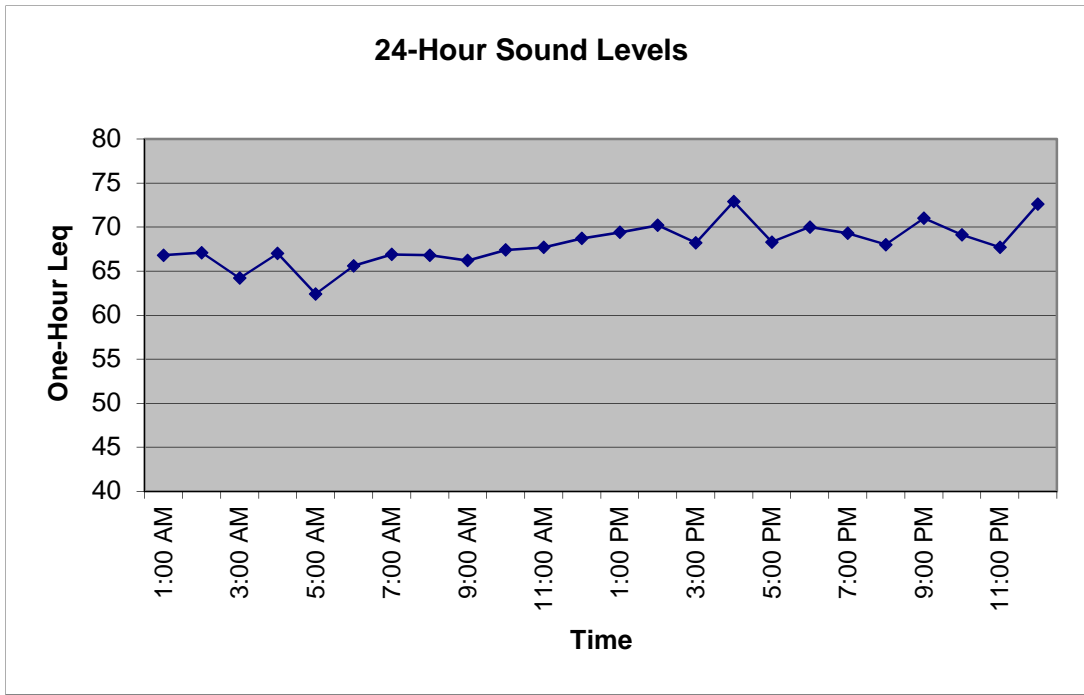


Highest
Daytime
LEQ **71.2**

Lowest
Daytime
LEQ 67.2

Ldn/CNEL Calculation Spreadsheet

Project:	Bayhill SP	Date:	6/4/2019	Analyst:	E. Scott			
Location:	LT-1a							
					Worst Hour	Ldn minus	CNEL minus	
Time	6/4/2019	Leq(24)	Ldn	CNEL	Leq	Worst Hour Leq	Ldn	Day
Midnight	66.8	68.7	74.3	74.7	72.9	1.4	0.4	Evening
1:00 AM	67.1		7.5	7.9				Night
2:00 AM	64.2							
3:00 AM	67							
4:00 AM	62.4							
5:00 AM	65.6							
6:00 AM	66.9							
7:00 AM	66.8							
8:00 AM	66.2							
9:00 AM	67.4							
10:00 AM	67.7							
11:00 AM	68.7							
Noon	69.4							
1:00 PM	70.2							
2:00 PM	68.2							
3:00 PM	72.9							
4:00 PM	68.3							
5:00 PM	70							
6:00 PM	69.3							
7:00 PM	68							
8:00 PM	71							
9:00 PM	69.1							
10:00 PM	67.7							
11:00 PM	72.6							

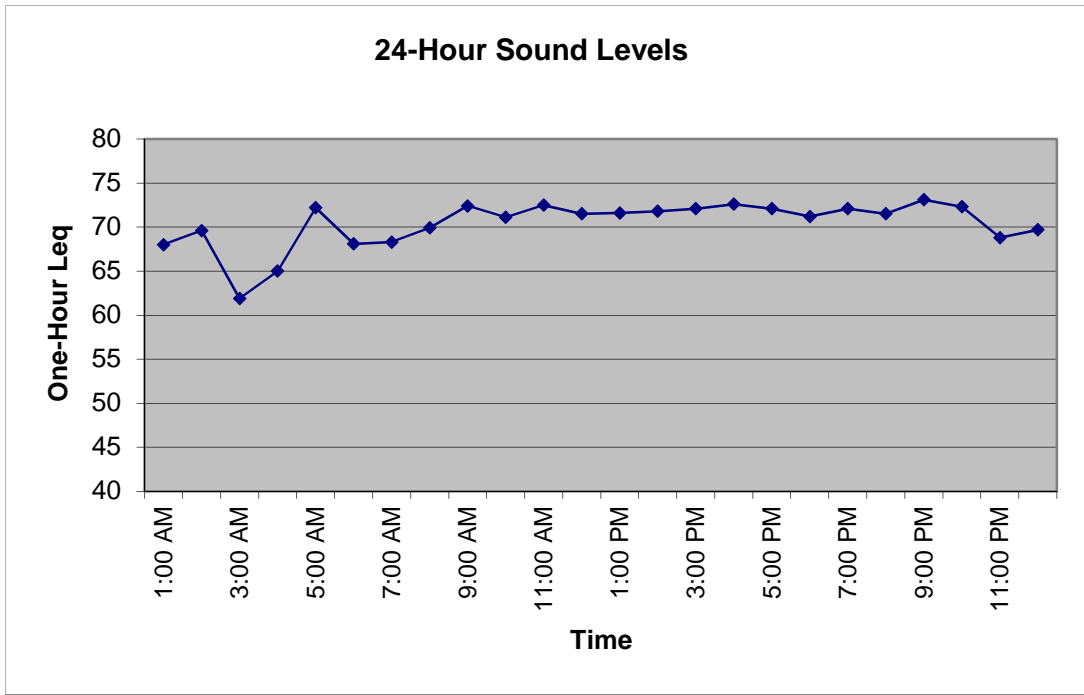


Highest
Daytime
LEQ **72.9**

Lowest
Daytime
LEQ 66.2

Ldn/CNEL Calculation Spreadsheet

Project: Bayhill SP		Date: 6/19/2018		Analyst: E. Scott				
Location: LT-1b								
Time	6/19/2018	Leq(24)	Ldn	CNEL	Worst Hour Leq	Ldn minus Worst Hour Leq	CNEL minus Ldn	Day
Midnight	68	71.0	75.7	76.3	73.1	2.6	0.5	Evening
1:00 AM	69.6		5.8	6.4				Night
2:00 AM	61.9							
3:00 AM	65							
4:00 AM	72.2							
5:00 AM	68.1							
6:00 AM	68.3							
7:00 AM	69.9							
8:00 AM	72.4							
9:00 AM	71.1							
10:00 AM	72.5							
11:00 AM	71.5							
Noon	71.6							
1:00 PM	71.8							
2:00 PM	72.1							
3:00 PM	72.6							
4:00 PM	72.1							
5:00 PM	71.2							
6:00 PM	72.1							
7:00 PM	71.5							
8:00 PM	73.1							
9:00 PM	72.3							
10:00 PM	68.8							
11:00 PM	69.7							

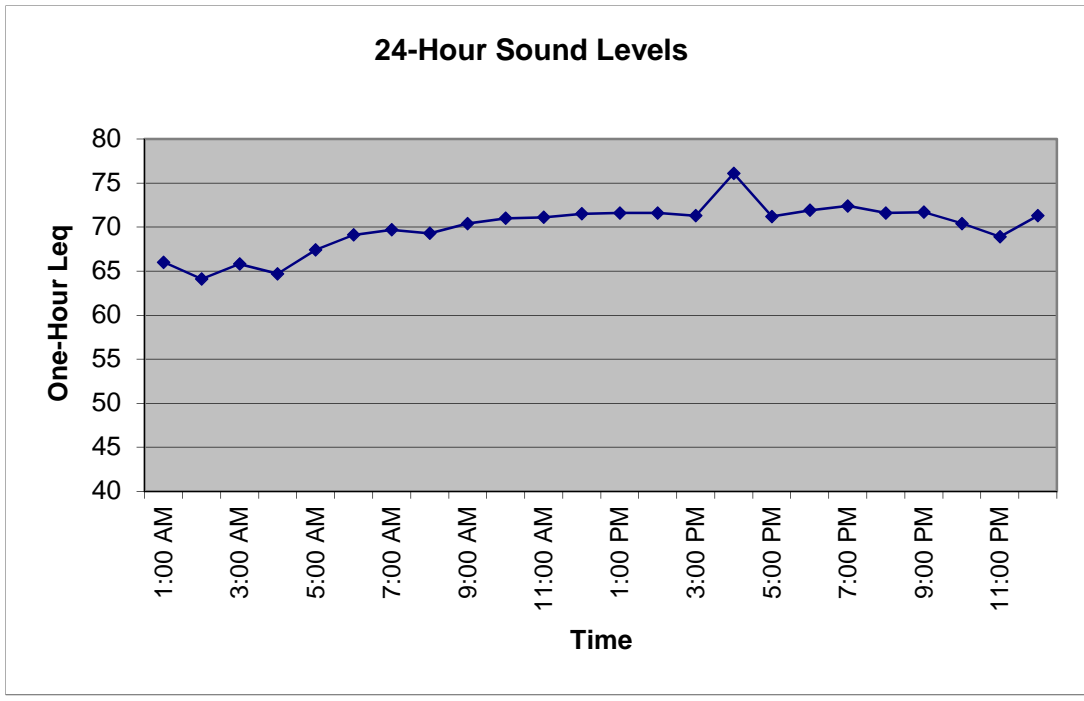


Highest Daytime LEQ **73.1**

Lowest Daytime LEQ **69.9**

Ldn/CNEL Calculation Spreadsheet

Project: Bayhill SP		Date: 6/19/2018		Analyst: E. Scott				
Location: LT-1b								
Time	6/19/2018	Leq(24)	Ldn	CNEL	Worst Hour Leq	Ldn minus Worst Hour Leq	CNEL minus Ldn	Day
Midnight	66	70.8	75.2	75.7	76.1	-0.9	0.4	Day
1:00 AM	64.1		5.9	6.4				Evening
2:00 AM	65.8							Night
3:00 AM	64.7							
4:00 AM	67.4							
5:00 AM	69.1							
6:00 AM	69.7							
7:00 AM	69.3							
8:00 AM	70.4							
9:00 AM	71							
10:00 AM	71.1							
11:00 AM	71.5							
Noon	71.6							
1:00 PM	71.6							
2:00 PM	71.3							
3:00 PM	76.1							
4:00 PM	71.2							
5:00 PM	71.9							
6:00 PM	72.4							
7:00 PM	71.6							
8:00 PM	71.7							
9:00 PM	70.4							
10:00 PM	68.9							
11:00 PM	71.3							



Highest Daytime LEQ **76.1**

Lowest Daytime LEQ 69.3

LT 2 (Meter 7) Raw Data

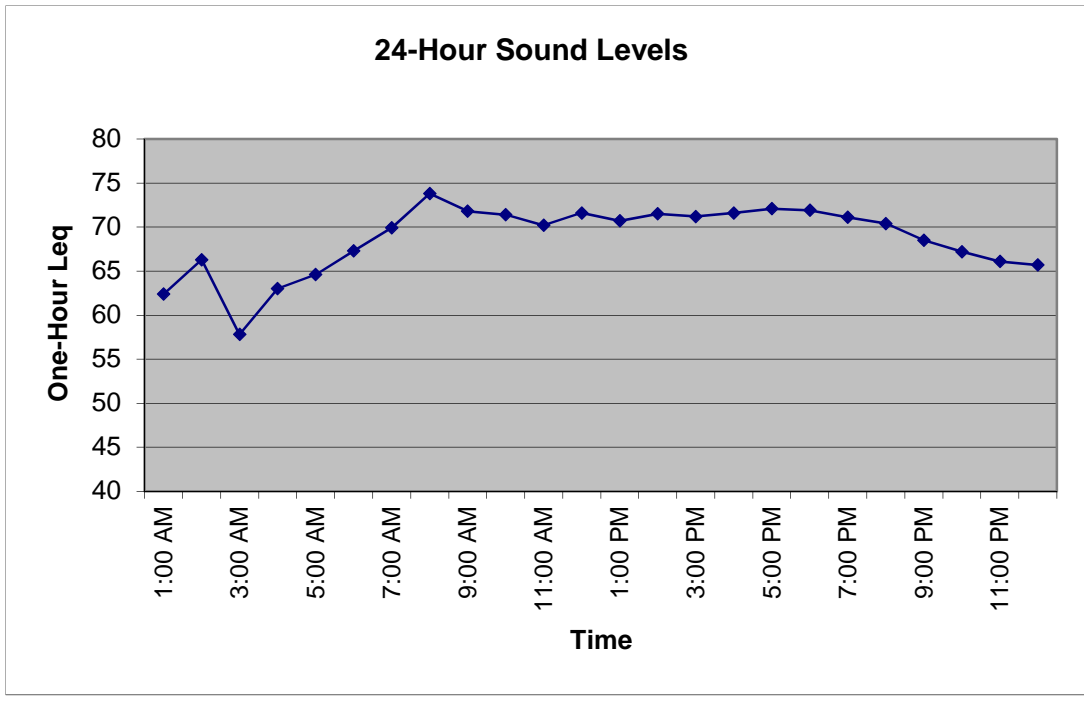
Rec 1 to 49

Date hh:mm:ss	Slow Response LeqPeriod Leq	dBA weighting		2.0 dB resolution stats						Lmedian	Lmean	StdDev	L2%	L8%	L25%			
		SEL	Lmax	Lmin	L1%	L5%	L10%	L50%	L90%							L95%	L99%	
6/3/2019 11:18	1.0 hour	73.1	108.7	93.1	57.4	83	77	75	67	61	59	57	67	67.9	5.59	81	75	71
6/3/2019 12:18	1.0 hour	70.7	106.3	83.1	57.7	79	75	73	67	61	59	59	67	67	4.94	77	75	71
6/3/2019 13:18	1.0 hour	71.5	107.1	87.9	58.6	79	75	75	67	61	59	59	67	67.5	4.99	77	75	71
6/3/2019 14:18	1.0 hour	71.2	106.8	83.4	59.1	79	75	75	67	61	61	59	67	67.8	4.67	77	75	71
6/3/2019 15:18	1.0 hour	71.6	107.2	87.8	59.8	77	75	75	69	63	61	59	69	68.4	4.46	77	75	71
6/3/2019 16:18	1.0 hour	72.1	107.7	93	60.3	79	75	75	69	63	63	61	69	68.8	4.16	77	75	71
6/3/2019 17:18	1.0 hour	71.9	107.5	83.3	60.2	77	75	75	69	63	63	61	69	68.9	4.25	77	75	73
6/3/2019 18:18	1.0 hour	71.1	106.7	89.9	60.7	77	75	73	67	63	61	61	67	67.9	4.24	77	75	71
6/3/2019 19:18	1.0 hour	70.4	106	85.1	58.9	77	75	73	67	61	61	59	67	66.9	4.47	77	73	71
6/3/2019 20:18	1.0 hour	68.5	104.1	88.2	58.4	75	73	71	63	59	59	59	63	64.8	4.51	75	73	67
6/3/2019 21:18	1.0 hour	67.2	102.8	81.1	56.8	75	73	71	63	59	57	57	63	63.6	4.49	73	71	67
6/3/2019 22:18	1.0 hour	66.1	101.7	86	54.3	75	71	69	59	57	55	55	59	60.9	4.9	73	69	63
6/3/2019 23:18	1.0 hour	65.7	101.3	83.6	52.3	77	71	67	57	55	53	53	57	58.8	5.51	75	69	61
6/4/2019 0:18	1.0 hour	62.4	98	82.5	47.4	75	65	63	53	49	49	47	53	54.9	5.42	71	63	57
6/4/2019 1:18	1.0 hour	66.3	101.9	86.6	44	79	71	63	51	47	47	45	51	53	7.47	77	65	55
6/4/2019 2:18	1.0 hour	57.8	93.4	77.6	44.4	71	61	57	49	47	45	45	49	50.6	5	67	59	53
6/4/2019 3:18	1.0 hour	63	98.6	84.2	46.2	75	67	63	51	49	47	47	51	53.7	6.01	71	63	55
6/4/2019 4:18	1.0 hour	64.6	100.2	82.6	50.3	75	69	65	59	55	53	51	59	59.2	4.94	73	67	61
6/4/2019 5:18	1.0 hour	67.3	102.9	83.9	53.8	75	73	71	61	57	57	55	61	62.6	5.15	75	71	65
6/4/2019 6:18	1.0 hour	69.9	105.5	87.8	56	77	75	73	65	59	57	57	65	65.3	5.57	77	73	69
6/4/2019 7:18	1.0 hour	73.8	109.4	103	57	79	75	75	69	61	59	57	69	68.2	5.32	77	75	73
6/4/2019 8:18	1.0 hour	71.8	107.4	86.1	54.4	79	75	75	67	59	57	55	67	67.5	5.93	77	75	73
6/4/2019 9:18	1.0 hour	71.4	107	95.1	54.3	77	75	73	67	59	57	55	67	66.5	5.74	77	75	71
6/4/2019 10:18	1.0 hour	70.2	105.8	88.1	54.9	77	75	73	65	59	57	57	65	66	5.37	77	73	71
6/4/2019 11:18	1.0 hour	71.6	107.2	94.5	58.3	79	75	73	67	61	59	59	67	66.7	5.14	77	73	71
6/4/2019 12:18	1.0 hour	70.9	106.5	86.8	57.7	79	75	73	67	61	59	59	67	67	4.91	77	75	71
6/4/2019 13:18	1.0 hour	71	106.6	87.4	58.5	79	75	73	67	61	61	59	67	67	4.78	77	73	71
6/4/2019 14:18	1.0 hour	71.4	107	84.9	57	79	75	75	67	61	61	59	67	67.7	4.92	77	75	71
6/4/2019 15:18	1.0 hour	72.5	108.1	95.6	59.6	81	75	75	69	63	61	59	69	68.6	4.68	79	75	71
6/4/2019 16:18	1.0 hour	71.8	107.4	87.7	58.9	79	75	75	69	63	61	61	69	68.6	4.36	77	75	73
6/4/2019 17:18	1.0 hour	72.1	107.7	91	59.9	79	75	75	69	63	63	61	69	68.8	4.24	77	75	71
6/4/2019 18:18	1.0 hour	71.2	106.8	83.4	61.2	77	75	73	67	63	63	61	67	68.3	4.08	77	75	71
6/4/2019 19:18	1.0 hour	71.3	106.9	92.3	62.3	77	75	73	67	63	63	61	67	67.6	4.04	77	73	71
6/4/2019 20:18	1.0 hour	69.3	104.9	81.4	61.2	77	73	71	65	63	61	61	65	66.4	3.81	75	73	69
6/4/2019 21:18	1.0 hour	68.3	103.9	90.3	60.5	75	73	71	63	61	61	61	63	65	3.68	73	71	67
6/4/2019 22:18	1.0 hour	66.5	102.1	82.6	57.2	75	71	69	61	59	59	57	61	62.7	4.07	73	69	65
6/4/2019 23:18	1.0 hour	67.4	103	86.6	54.8	79	73	69	59	57	55	55	59	60.7	5.33	77	71	63
6/5/2019 0:18	1.0 hour	62.5	98.1	81.6	51.6	73	67	63	55	53	53	51	55	57	4.65	71	65	59
6/5/2019 1:18	1.0 hour	63.7	99.3	81.3	49	75	69	63	53	51	51	49	53	55.5	5.81	75	67	57
6/5/2019 2:18	1.0 hour	60.1	95.7	80.9	49.3	71	63	59	53	51	51	49	53	54.2	4.2	69	61	55
6/5/2019 3:18	1.0 hour	63.6	99.2	86.1	50.1	75	67	63	55	51	51	49	55	55.9	5.29	73	65	57
6/5/2019 4:18	1.0 hour	63	98.6	79.2	51.2	73	69	65	57	55	53	53	57	58.6	4.34	71	65	59
6/5/2019 5:18	1.0 hour	67.8	103.4	84	56.6	75	73	71	63	59	57	57	63	63.6	4.73	75	71	67
6/5/2019 6:18	1.0 hour	70	105.6	84.8	58	77	75	73	65	61	59	59	65	65.8	5.09	77	73	69
6/5/2019 7:18	1.0 hour	73.6	109.2	94.3	58	81	77	75	69	61	61	59	69	68.7	5.35	79	75	73
6/5/2019 8:18	1.0 hour	71.8	107.4	88.1	57.7	77	75	75	69	61	59	57	69	68.1	5.12	77	75	73
6/5/2019 9:18	1.0 hour	71.3	106.9	89.5	57.8	77	75	73	67	61	59	59	67	67.3	5.09	77	75	71
6/5/2019 10:18	1.0 hour	69.9	105.5	85.1	56.6	77	75	73	65	61	59	59	65	66.2	4.8	75	73	71
6/5/2019 11:18	3.5 min	73.9	97.1	89.2	60.2	85	79	75	67	63	61	59	67	68.3	5.71	81	77	73

Lowest LEQ 57.8
 Highest LEQ 73.8

Ldn/CNEL Calculation Spreadsheet

Project:	Bayhill SP	Date:	6/3/2019	Analyst:	E. Scott			
Location:	LT-2							
					Worst Hour	Ldn minus	CNEL minus	
Time	6/3/2019	Leq(24)	Ldn	CNEL	Leq	Worst Hour Leq	Ldn	Day
Midnight	62.4	69.9	73.5	73.9	73.8	-0.3	0.4	Evening
1:00 AM	66.3		-0.3	0.1				Night
2:00 AM	57.8							
3:00 AM	63							
4:00 AM	64.6							
5:00 AM	67.3							
6:00 AM	69.9							
7:00 AM	73.8							
8:00 AM	71.8							
9:00 AM	71.4							
10:00 AM	70.2							
11:00 AM	71.6							
Noon	70.7							
1:00 PM	71.5							
2:00 PM	71.2							
3:00 PM	71.6							
4:00 PM	72.1							
5:00 PM	71.9							
6:00 PM	71.1							
7:00 PM	70.4							
8:00 PM	68.5							
9:00 PM	67.2							
10:00 PM	66.1							
11:00 PM	65.7							

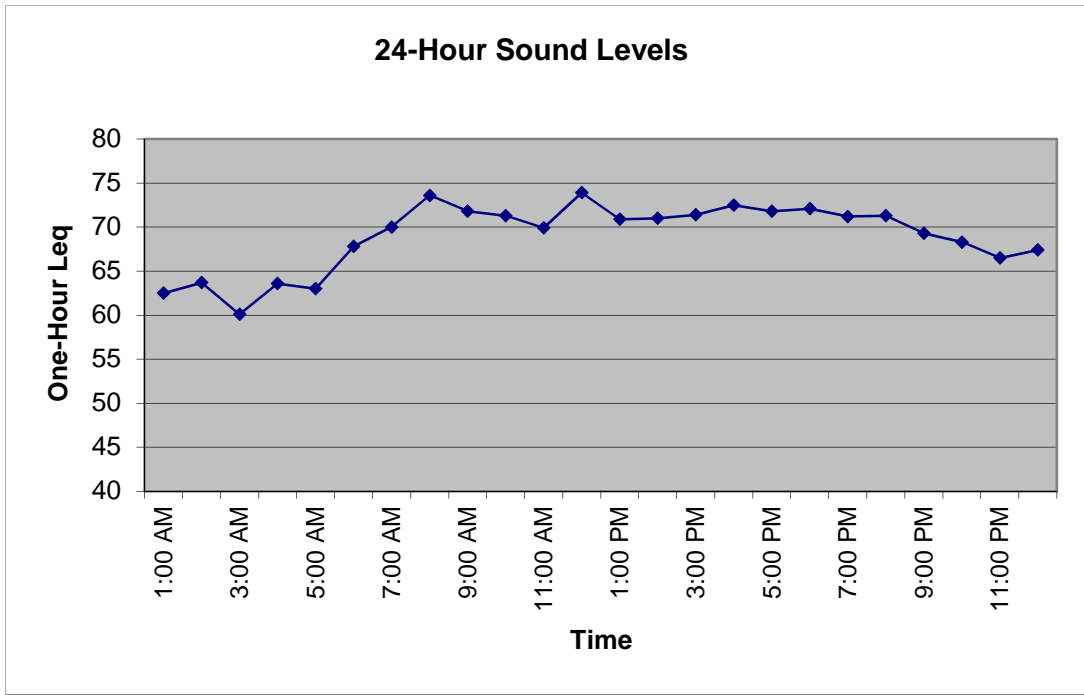


Highest
Daytime
LEQ **73.8**

Lowest
Daytime
LEQ 70.2

Ldn/CNEL Calculation Spreadsheet

Project:	Bayhill SP	Date:	6/4/2019	Analyst:	E. Scott			
Location:	LT-2							
					Worst Hour	Ldn minus	CNEL minus	
Time	6/4/2019	Leq(24)	Ldn	CNEL	Leq	Worst Hour Leq	Ldn	Day
Midnight	62.5	70.2	73.8	74.2	73.9	-0.1	0.4	Evening
1:00 AM	63.7		0.2	0.6				Night
2:00 AM	60.1							
3:00 AM	63.6							
4:00 AM	63							
5:00 AM	67.8							
6:00 AM	70							
7:00 AM	73.6							
8:00 AM	71.8							
9:00 AM	71.3							
10:00 AM	69.9							
11:00 AM	73.9							
Noon	70.9							
1:00 PM	71							
2:00 PM	71.4							
3:00 PM	72.5							
4:00 PM	71.8							
5:00 PM	72.1							
6:00 PM	71.2							
7:00 PM	71.3							
8:00 PM	69.3							
9:00 PM	68.3							
10:00 PM	66.5							
11:00 PM	67.4							

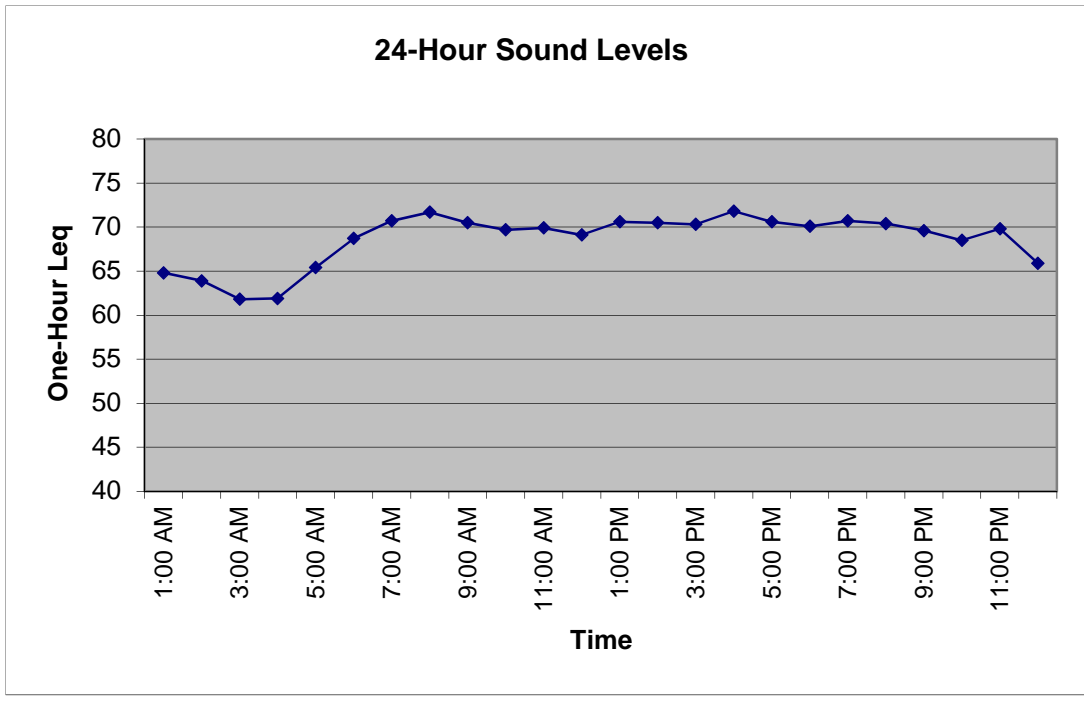


Highest
Daytime
LEQ **73.9**

Lowest
Daytime
LEQ 69.9

Ldn/CNEL Calculation Spreadsheet

Project:	Bayhill SP	Date:	6/3/2019	Analyst:	E. Scott			
Location:	LT-3							
					Worst Hour	Ldn minus	CNEL minus	
Time	6/3/2019	Leq(24)	Ldn	CNEL	Leq	Worst Hour Leq	Ldn	Day
Midnight	64.8	69.4	74.0	74.4	71.8	2.2	0.4	Evening
1:00 AM	63.9		2.3	2.7				Night
2:00 AM	61.8							
3:00 AM	61.9							
4:00 AM	65.4							
5:00 AM	68.7							
6:00 AM	70.7							
7:00 AM	71.7							
8:00 AM	70.5							
9:00 AM	69.7							
10:00 AM	69.9							
11:00 AM	69.1							
Noon	70.6							
1:00 PM	70.5							
2:00 PM	70.3							
3:00 PM	71.8							
4:00 PM	70.6							
5:00 PM	70.1							
6:00 PM	70.7							
7:00 PM	70.4							
8:00 PM	69.6							
9:00 PM	68.5							
10:00 PM	69.8							
11:00 PM	65.9							

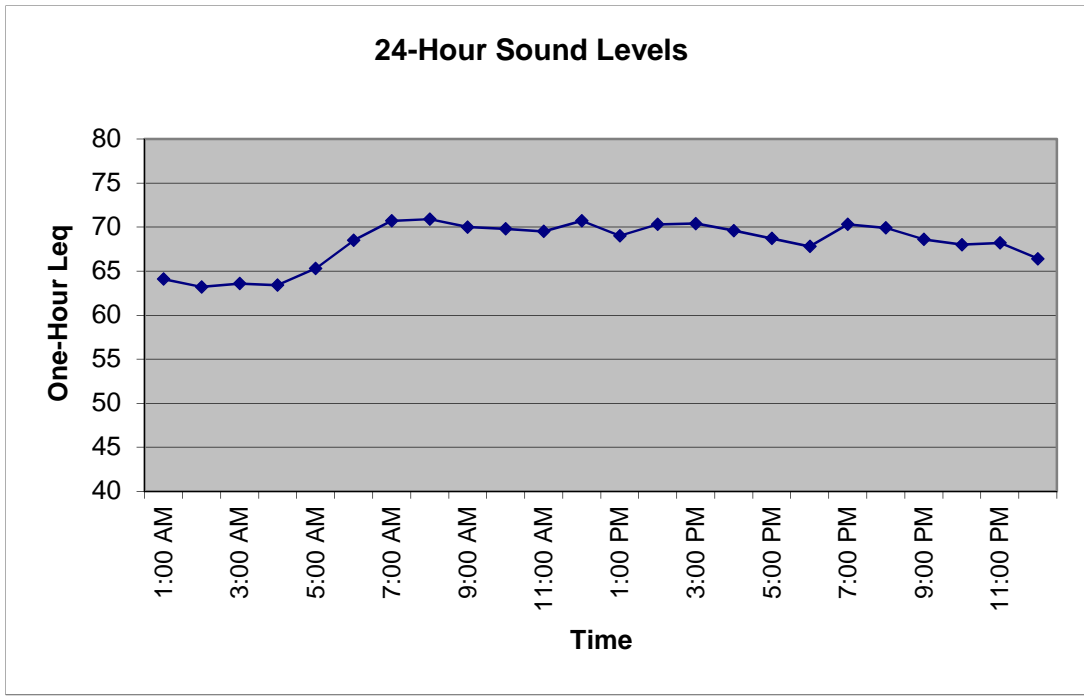


Highest Daytime LEQ **71.8**

Lowest Daytime LEQ 69.1

Ldn/CNEL Calculation Spreadsheet

Project:	Bayhill SP	Date:	6/4/2019	Analyst:	E. Scott			
Location:	LT-3							
					Worst Hour	Ldn minus	CNEL minus	
Time	6/4/2019	Leq(24)	Ldn	CNEL	Leq	Worst Hour Leq	Ldn	Day
Midnight	64.1	68.8	73.7	74.1	70.9	2.8	0.4	Evening
1:00 AM	63.2		2.8	3.2				Night
2:00 AM	63.6							
3:00 AM	63.4							
4:00 AM	65.3							
5:00 AM	68.5							
6:00 AM	70.7							
7:00 AM	70.9							
8:00 AM	70							
9:00 AM	69.8							
10:00 AM	69.5							
11:00 AM	70.7							
Noon	69							
1:00 PM	70.3							
2:00 PM	70.4							
3:00 PM	69.6							
4:00 PM	68.7							
5:00 PM	67.8							
6:00 PM	70.3							
7:00 PM	69.9							
8:00 PM	68.6							
9:00 PM	68							
10:00 PM	68.2							
11:00 PM	66.4							



Highest Daytime LEQ **70.9**

Lowest Daytime LEQ 67.8

Fieldwork

Short Term Data

ST-1 Short Term Data

Summary

File Name	LxT_Data.028
Serial Number	0004004
Model	SoundTrack LxT®
Firmware Version	2.302
User	
Location	
Job Description	
Note	

Measurement Description

Start	2019-06-03 13:35:00
Stop	2019-06-03 13:53:08
Duration	00:18:07.8
Run Time	00:18:01.3
Pause	00:00:06.5
Pre Calibration	2019-06-03 13:34:00
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamp	PRMLxT1L		
Microphone Correction	Off		
Integration Method	Linear		
Overload	123.3 dB		
	A	C	Z
Under Range Peak	79.5	76.5	81.5 dB
Under Range Limit	27.5	26.8	32.2 dB
Noise Floor	17.2	17.7	23.1 dB

Results

LAeq	73.1 dB				
LAE	103.4 dB				
EA	2.432 mPa²h				
EA8	64.776 mPa²h				
EA40	323.881 mPa²h				
LApeak (max)	2019-06-03 13:37:37	101.1 dB			
LASmax	2019-06-03 13:49:24	80.1 dB			
LASmin	2019-06-03 13:51:09	66.1 dB			
SEA	-99.9 dB				
LAS > 75.0 dB (Exceedance Counts / Duration)	26	228.4 s			
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s			
LApeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s			
LApeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s			
LApeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s			
Community Noise	Ldn	LDay 07:00-23:00	LNight 23:00-07:00	Lden	LDay 07:00-19:00
	73.1	73.1	-99.9	73.1	73.1
LCeq	78.8 dB				
LAeq	73.1 dB				
LCeq - LAeq	5.7 dB				
LAleq	74.4 dB				
LAeq	73.1 dB				
LAleq - LAeq	1.3 dB				
# Overloads	0				
Overload Duration	0.0 s				

Dose Settings

Dose Name	OSHA-1	OSHA-2
Exchange Rate	5	5 dB
Threshold	90	80 dB
Criterion Level	90	90 dB
Criterion Duration	8	8 h

Results

Dose	-99.9	0.00 %
Projected Dose	-99.9	0.00 %
TWA (Projected)	-99.9	18.1 dB
TWA (t)	-99.9	-5.6 dB
Lep (t)	58.8	58.8 dB

Statistics

LAS5.00	75.4 dB
LAS10.00	74.8 dB
LAS33.30	73.4 dB
LAS50.00	72.6 dB
LAS66.60	72.0 dB
LAS90.00	70.7 dB

ST-2 Short Term Data

Summary

File Name	LxT_Data.027
Serial Number	0004004
Model	SoundTrack LxT®
Firmware Version	2.302
User	
Location	
Job Description	
Note	

Measurement Description

Start	2019-06-03 12:58:00
Stop	2019-06-03 13:13:00
Duration	00:15:00.4
Run Time	00:15:00.4
Pause	00:00:00.0
Pre Calibration	2019-06-03 12:52:58
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamp	PRMLxT1L		
Microphone Correction	Off		
Integration Method	Linear		
Overload	123.3 dB		
	A	C	Z
Under Range Peak	79.6	76.6	81.6 dB
Under Range Limit	27.6	26.8	32.2 dB
Noise Floor	17.2	17.7	23.1 dB

Results

LAeq	61.2 dB	
LAE	90.7 dB	
EA	131.941 µPa²h	
EA8	4.220 mPa²h	
EA40	21.101 mPa²h	
LApeak (max)	2019-06-03 13:09:22	91.9 dB
LASmax	2019-06-03 13:09:22	74.7 dB
LASmin	2019-06-03 13:06:10	55.3 dB
SEA	-99.9 dB	

LAS > 75.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s
LApeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LApeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LApeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s

Community Noise	Ldn	LDay 07:00-23:00	LNight 23:00-07:00	Lden	LDay 07:00-19:00	LEvening 19:00-23:00
	61.2	61.2	-99.9	61.2	61.2	-99.9
LCeq	72.5 dB					
LAeq	61.2 dB					
LCeq - LAeq	11.3 dB					
LALeq	62.4 dB					
LAeq	61.2 dB					
LALeq - LAeq	1.2 dB					
# Overloads	0					
Overload Duration	0.0 s					

Dose Settings

Dose Name	OSHA-1	OSHA-2
Exchange Rate	5	5 dB
Threshold	90	80 dB
Criterion Level	90	90 dB
Criterion Duration	8	8 h

Results

Dose	-99.9	-99.9 %
Projected Dose	-99.9	-99.9 %
TWA (Projected)	-99.9	-99.9 dB
TWA (t)	-99.9	-99.9 dB
Lep (t)	46.2	46.2 dB

Statistics

LAS5.00	64.7 dB
LAS10.00	62.9 dB
LAS33.30	59.9 dB
LAS50.00	59.1 dB
LAS66.60	58.3 dB
LAS90.00	57.2 dB

Traffic Noise Modeling Inputs and Results

ADT Values Calculated from Turning AM and PM Peak-hour Turning movements (Equation: AM Peak x 5 + Pm Peak x 5 = ADT)

		Existing ADT			2040 NP ADT			2040 + SP Max Office ADT		
		Existing AM	Existing PM	ADT	2040 NP AM	2040 NP PM	ADT	2040 + SP Max O AM	2040 + SP Max O PM	ADT
W San Bruno Avenue	West of I-280 on/off ramps	1745	1701	17230	1980	1870	19250	2013	1904	19585
W San Bruno Avenue	East of I-280 on/off ramps	1760	1913	18365	2110	2385	22475	2256	2633	24445
I 280 off-ramp	North of W San Bruno Avenue	826	570	6980	910	810	8600	1023	810	9165
I 280 on-ramp	South of W San Bruno Avenue	883	678	7805	1080	865	9725	1080	1079	10795
W San Bruno Avenue (E of 280)	West of I-280 on/off ramps	1764	1907	18355	2095	2380	22375	2240	2628	24340
W San Bruno Avenue (E of 280)	East of I-280 on/off ramps	2049	2406	22275	2390	3060	27250	2757	3432	30945
I 280 on-ramp	North of W San Bruno Avenue	800	1267	10335	895	1560	12275	895	1684	12895
I 280 off-ramp	South of W San Bruno Avenue	801	1064	9325	950	1620	12850	1172	1620	13960
W San Bruno Avenue	West of Cherry Avenue	2005	2280	21425	2340	2900	26200	2707	3272	29895
W San Bruno Avenue	East of Cherry Avenue	1641	1789	17150	2000	2390	21950	2304	2736	25200
Cherry Avenue	North of W San Bruno Avenue	807	960	8835	940	1330	11350	1247	1635	14410
Cherry Avenue	South of W San Bruno Avenue	427	445	4360	480	520	5000	486	527	5065
W San Bruno Avenue	West of Traeger Avenue	1641	1804	17225	1975	2245	21100	2278	2591	24345
W San Bruno Avenue	East of Traeger Avenue	1471	1665	15680	1815	2065	19400	2074	2385	22295
Traeger Avenue	North of W San Bruno Avenue	240	245	2425	270	330	3000	438	570	5040
W San Bruno Avenue	West of Elm Avenue	1454	1682	15680	1830	2100	19650	2089	2420	22545
W San Bruno Avenue	East of Elm Avenue	1437	1592	15145	1855	2005	19300	2077	2306	21915
Elm Avenue	North of W San Bruno Avenue	106	179	1425	125	215	1700	270	390	3300
Elm Avenue	South of W San Bruno Avenue	235	247	2410	360	310	3350	368	314	3410
W San Bruno Avenue	West of El Camino Real	1424	1617	15205	1880	2090	19850	2103	2391	22470
W San Bruno Avenue	East of El Camino Real	1358	1588	14730	1780	2010	18950	1844	2102	19730
El Camino Real	North of W San Bruno Avenue	2595	3420	30075	3820	4440	41300	3915	4569	42420
El Camino Real	South of W San Bruno Avenue	2667	3447	30570	3920	4600	42600	4022	4708	43650
Bayhill Drive	West of El Camino Real	621	679	6500	695	745	7200	1107	1069	10880
Euclid Avenue	East of El Camino Real	78	94	860	120	100	1100	120	100	1100
El Camino Real	North of W Bayhill Drive/Euclid Avenue	3113	3888	35005	4370	4900	46350	4839	5325	50820
El Camino Real	South of W Bayhill Drive/Euclid Avenue	2560	3369	29645	3785	4325	40550	3880	4454	41670
380 EB Off-Ramp	West of El Camino Real	1329	1358	13435	1940	1620	17800	2026	1693	18595
380 EB On-Ramp	East of El Camino Real	573	506	5395	770	510	6400	770	817	7935
El Camino Real	North of 380 EB On- and Off-Ramps	3633	4022	38275	5070	5360	52150	5452	5551	55015
El Camino Real	South of 380 EB On- and Off-Ramps	3141	3922	35315	4320	5010	46650	4788	5435	51115
380 WB On-Ramp	West of El Camino Real	234	352	2930	300	480	3900	300	480	3900
380 WB Off-Ramp	East of El Camino Real	1472	2010	17410	2150	2680	24150	2554	2767	26605
El Camino Real	North of 380 WB On- and Off-Ramps	3774	4791	42825	4240	5590	49150	4322	5694	50080
El Camino Real	South of 380 WB On- and Off-Ramps	3666	4025	38455	4730	5350	50400	5112	5541	53265
Bayhill Drive	West of Cherry Avenue	239	296	2675	270	320	2950	570	644	6070
Bayhill Drive	East of Cherry Avenue	353	418	3855	450	510	4800	642	682	6620
Cherry Avenue	North of Bayhill Drive	652	743	6975	900	1100	10000	1102	1328	12150
Cherry Avenue	South of Bayhill Drive	606	851	7285	780	1250	10150	1088	1554	13210
Sneath Lane	West of Cherry Avenue	1715	1966	18405	1995	2090	20425	2107	2205	21560
Sneath Lane	East of Cherry Avenue	1517	1847	16820	1825	2170	19975	1915	2283	20990
Cherry Avenue	South of Sneath Lane	660	757	7085	880	980	9300	1082	1208	11450
Sneath Lane	West of I-280 NB Off-Ramp	1681	1924	18025	1955	2105	20300	2067	2142	21045
Sneath Lane	East of I-280 NB Off-Ramp	1690	1980	18350	2000	2140	20700	2112	2255	21835
Cemetery Entrance	North of Sneath Lane	10	5	75	45	30	375	45	30	375
I-280 NB Off-Ramp	South of Sneath Lane	663	951	8070	730	1015	8725	730	1093	9115
Sneath Lane	West of Rollingwood Drive	1256	1087	11715	1360	1370	13650	1389	1400	13945
Sneath Lane	East of Rollingwood Drive	1638	1918	17780	1920	2150	20350	2032	2187	21095
Rollingwood Drive	North of Sneath Lane	853	931	8920	940	1110	10250	947	1117	10320
I-280 SB Off-Ramp	South of Sneath Lane	783	632	7075	920	830	8750	996	830	9130
Commodore Drive	West of El Camino Real	449	520	4845	540	650	5950	540	650	5950
Tanforan Way	East of El Camino Real	242	870	5560	310	1000	6550	310	1000	6550
El Camino Real	North of Tanforan Way/Commodore Drive	3082	3839	34605	3590	4620	41050	3672	4724	41980
El Camino Real	South of Tanforan Way/Commodore Drive	3509	4541	40250	4060	5390	47250	4142	5494	48180
Sneath Lane	West of El Camino Real	1223	1790	15065	1480	2170	18250	1570	2283	19265
Sneath Lane	East of El Camino Real	999	1703	13510	1290	2460	18750	1290	2460	18750
El Camino Real	North of Sneath Lane	2735	3603	31690	3240	4010	36250	3308	4081	36945
El Camino Real	South of Sneath Lane	3067	3840	34535	3490	4500	39950	3572	4604	40880

Traffic Noise Modeling Summary		Existing			Year 2040 NP			Year 2040 + Max Office			Project Impacts	Cumulative?	Cumulatively Considerable Contribution?
		dB Ldn	dB CNEL	dBA Leq1h (loudest hour)	dB Ldn	dB CNEL	dBA Leq1h (loudest hour)	dB Ldn	dB CNEL	dBA Leq1h (loudest hour)			
											Year 2040 + Max Office - Year 2040 NP	Year 2040 + Max Office - Existing	Year 2040 + Max Office - Year 2040 NP
380 EB Off-Ramp	West of El Camino Real	68.24	68.84	67.43	69.46	70.05	68.65	69.65	70.24	68.84	0.19	1.40	0.19
380 EB On-Ramp	East of El Camino Real	64.32	64.91	63.48	65.05	65.65	64.22	65.98	66.57	65.15	0.92	1.65	0.92
380 WB Off-Ramp	East of El Camino Real	69.36	69.96	68.56	70.78	71.37	69.98	71.20	71.79	70.40	0.42	1.83	0.42
380 WB On-Ramp	West of El Camino Real	61.73	62.31	60.85	62.94	63.53	62.08	62.94	63.53	62.08	0.00	1.21	0.00
Bayhill Drive	West of El Camino Real	58.80	59.39	57.92	59.23	59.82	58.36	60.99	61.58	60.14	1.75	2.19	1.75
Bayhill Drive	West of Cherry Avenue	55.12	55.70	54.11	55.52	56.10	54.53	58.51	59.10	57.62	2.99	3.39	2.99
Bayhill Drive	East of Cherry Avenue	56.62	57.20	55.67	57.53	58.11	56.61	58.88	59.47	58.00	1.35	2.26	1.35
Cemetery Entrance	North of Sneath Lane	44.89	45.24	40.86	48.12	48.60	46.08	48.12	48.60	46.08	0.00	3.23	0.00
Cherry Avenue	North of W San Bruno Avenue	63.35	63.94	62.52	64.42	65.02	63.60	65.45	66.04	64.63	1.03	2.10	1.03
Cherry Avenue	South of W San Bruno Avenue	60.34	60.93	59.46	60.92	61.51	60.06	60.97	61.56	60.11	0.05	0.63	0.05
Cherry Avenue	North of Bayhill Drive	62.34	62.93	61.49	63.88	64.47	63.05	64.71	65.31	63.89	0.84	2.38	0.84
Cherry Avenue	South of Bayhill Drive	62.52	63.11	61.68	63.94	64.54	63.12	65.07	65.67	64.26	1.13	2.55	1.13
Cherry Avenue	South of Sneath Lane	62.40	62.99	61.56	63.57	64.16	62.74	64.46	65.05	63.64	0.89	2.06	0.89
Commodore Drive	West of El Camino Real	57.57	58.15	56.65	58.43	59.02	57.54	58.43	59.02	57.54	0.00	0.86	0.00
El Camino Real	North of W San Bruno Avenue	68.63	69.22	67.82	70.00	70.60	69.20	70.11	70.71	69.32	0.12	1.49	0.12
El Camino Real	South of W San Bruno Avenue	68.70	69.29	67.89	70.13	70.73	69.33	70.24	70.83	69.44	0.11	1.54	0.11
El Camino Real	North of W Bayhill Drive/Euclid Avenue	69.18	69.77	68.37	70.45	71.05	69.65	70.85	71.45	70.06	0.40	1.68	0.40
El Camino Real	South of W Bayhill Drive/Euclid Avenue	68.56	69.16	67.76	69.92	70.52	69.12	70.04	70.63	69.24	0.12	1.47	0.12
El Camino Real	North of 380 EB On- and Off-Ramps	69.67	70.27	68.87	71.01	71.61	70.21	71.24	71.84	70.44	0.23	1.57	0.23
El Camino Real	South of 380 EB On- and Off-Ramps	69.32	69.92	68.52	70.53	71.12	69.73	70.92	71.52	70.13	0.40	1.60	0.40
El Camino Real	North of 380 WB On- and Off-Ramps	70.16	70.75	69.36	70.75	71.35	69.96	70.83	71.43	70.04	0.08	0.68	0.08
El Camino Real	South of 380 WB On- and Off-Ramps	69.69	70.29	68.89	70.86	71.46	70.06	71.10	71.70	70.30	0.24	1.41	0.24
El Camino Real	North of Tanforan Way/Commodore Drive	69.23	69.83	68.43	69.97	70.57	69.17	70.07	70.67	69.27	0.10	0.84	0.10
El Camino Real	South of Tanforan Way/Commodore Drive	69.89	70.48	69.09	70.58	71.18	69.78	70.67	71.26	69.87	0.08	0.78	0.08
El Camino Real	North of Sneath Lane	68.85	69.45	68.05	69.43	70.03	68.63	69.52	70.11	68.72	0.08	0.66	0.08
El Camino Real	South of Sneath Lane	69.22	69.82	68.42	69.86	70.45	69.06	69.95	70.55	69.16	0.10	0.73	0.10
Elm Avenue	North of W San Bruno Avenue	52.64	53.20	51.45	53.32	53.89	52.19	55.98	56.56	55.01	2.66	3.34	2.66
Elm Avenue	South of W San Bruno Avenue	54.70	55.28	53.67	56.04	56.62	55.07	56.11	56.69	55.15	0.07	1.41	0.07
Euclid Avenue	East of El Camino Real	50.80	51.30	49.40	51.70	52.20	50.40	51.70	52.20	50.40	0.00	0.90	0.00
I 280 off-ramp	North of W San Bruno Avenue	65.42	66.02	64.60	66.32	66.92	65.50	66.60	67.19	65.78	0.27	1.17	0.27
I 280 off-ramp	South of W San Bruno Avenue	66.67	67.26	65.85	68.05	68.65	67.24	68.41	69.00	67.60	0.36	1.74	0.36
I 280 on-ramp	South of W San Bruno Avenue	65.90	66.50	65.08	66.85	67.44	66.03	67.30	67.89	66.49	0.45	1.40	0.45
I 280 on-ramp	North of W San Bruno Avenue	67.11	67.71	66.30	67.85	68.45	67.04	68.07	68.66	67.26	0.21	0.95	0.21
I-280 NB Off-Ramp	South of Sneath Lane	66.05	66.64	65.22	66.38	66.98	65.56	66.57	67.17	65.75	0.19	0.52	0.19
I-280 SB Off-Ramp	South of Sneath Lane	65.48	66.08	64.66	66.40	66.99	65.58	66.58	67.17	65.76	0.18	1.10	0.18
Rollingwood Drive	North of Sneath Lane	60.14	60.73	59.28	60.73	61.32	59.88	60.76	61.35	59.91	0.03	0.62	0.03
Sneath Lane	West of Cherry Avenue	68.10	68.70	67.30	68.55	69.15	67.75	68.79	69.38	67.98	0.23	0.68	0.23
Sneath Lane	East of Cherry Avenue	67.71	68.31	66.91	68.46	69.05	67.65	68.67	69.27	67.87	0.21	0.96	0.21
Sneath Lane	West of I-280 NB Off-Ramp	68.01	68.61	67.21	68.53	69.12	67.72	68.68	69.28	67.88	0.16	0.67	0.16
Sneath Lane	East of I-280 NB Off-Ramp	68.09	68.69	67.28	68.61	69.21	67.81	68.84	69.44	68.04	0.23	0.75	0.23
Sneath Lane	West of Rollingwood Drive	66.16	66.75	65.34	66.81	67.41	66.00	66.91	67.50	66.09	0.09	0.75	0.09
Sneath Lane	East of Rollingwood Drive	67.95	68.55	67.15	68.54	69.13	67.03	68.69	69.29	67.89	0.16	0.74	0.16
Sneath Lane	West of El Camino Real	67.24	67.83	66.43	68.07	68.66	67.26	68.30	68.90	67.50	0.23	1.06	0.23
Sneath Lane	East of El Camino Real	66.77	67.36	65.96	68.18	68.78	67.38	68.18	68.78	67.38	0.00	1.41	0.00
Tanforan Way	East of El Camino Real	58.14	58.73	57.25	58.83	59.42	57.95	58.83	59.42	57.95	0.00	0.69	0.00
Traeger Avenue	North of W San Bruno Avenue	54.73	55.30	53.70	55.59	56.17	54.60	57.73	58.32	56.82	2.14	3.00	2.14
W San Bruno Avenue	West of I-280 on/off ramps	66.22	66.81	65.41	66.70	67.29	65.89	66.77	67.37	65.96	0.07	0.55	0.07
W San Bruno Avenue	East of I-280 on/off ramps	66.49	67.09	65.68	67.37	67.96	66.56	67.73	68.33	66.92	0.36	1.24	0.36
W San Bruno Avenue	West of Cherry Avenue	67.16	67.76	66.35	68.03	68.63	67.23	68.60	69.20	67.80	0.57	1.44	0.57
W San Bruno Avenue	East of Cherry Avenue	66.20	66.79	65.39	67.26	67.86	66.46	67.86	68.46	67.06	0.60	1.66	0.60
W San Bruno Avenue	West of Traeger Avenue	66.22	66.81	65.41	67.09	67.69	66.29	67.71	68.31	66.91	0.62	1.49	0.62
W San Bruno Avenue	East of Traeger Avenue	65.81	66.41	65.00	66.73	67.33	65.92	67.33	67.93	66.53	0.60	1.52	0.60
W San Bruno Avenue	West of Elm Avenue	65.81	66.41	65.00	66.79	67.38	65.98	67.38	67.98	66.57	0.59	1.57	0.59
W San Bruno Avenue	East of Elm Avenue	65.66	66.26	64.85	66.71	67.30	65.90	67.26	67.85	66.45	0.55	1.59	0.55
W San Bruno Avenue	West of El Camino Real	65.68	66.28	64.87	66.83	67.43	66.02	67.37	67.96	66.56	0.54	1.69	0.54
W San Bruno Avenue	East of El Camino Real	62.28	62.87	61.45	63.36	63.96	62.54	63.54	64.13	62.72	0.17	1.25	0.17
W San Bruno Avenue (E of 280)	West of I-280 on/off ramps	66.49	67.09	65.68	67.35	67.94	66.54	67.71	68.31	66.91	0.36	1.22	0.36
W San Bruno Avenue (E of 280)	East of I-280 on/off ramps	67.33	67.92	66.52	68.20	68.80	67.40	68.75	69.35	67.95	0.55	1.42	0.55

Direct Project Impact Analysis Summary (2 dB or greater increase when rounded)

Roadway	Segment	Year 2040 No Plan (dB Ldn)	Year 2040 with Plan ^a (dB Ldn)	Project-related Increase ^b	Type of Land Use	Most Stringent Applicable Compatibility Standard	Exceeds Compatibility Standard?	Allowable Increase	Exceeds Allowable Increase?
Bayhill Drive	West of El Camino Real	59.2	61.0	1.8	O/C ^d	70	No	5	No
Bayhill Drive	West of Cherry Avenue	55.5	58.5	3.0	O/C ^d	70	No	5	No
Elm Avenue	North of W San Bruno Avenue	53.3	56.0	2.7	O/C ^d	70	No	5	No
Traeger Avenue	North of W San Bruno Avenue	55.6	57.7	2.1	O/C ^d	70	No	5	No

Notes:
^a Max Office Scenario selected as worst-case for traffic noise
^b Year 2040 with Project values minus Year 2040 No Project values
^c Only segments with a 2 dB increase over No Plan conditions (when rounded to the nearest whole number) are presented in this table. Refer to Appendix X for a full summary of Specific Plan traffic noise modeling results.
^d O/C = Office Buildings, Business, Commercial and Professional
^e SFR = Single-Family Residential

Traffic Noise Modeling for Potential Direct Impacts (Only showing segments with a ~2 dB increase or more)

Roadway	Segment	Year 2040 No Plan (dB Ldn)	Year 2040 with Plan ^b (dB Ldn)	Project-related Increase ^c	Type of Land Use	Most Stringent Applicable Compatibility Standard	Exceeds Compatibility Standard?	Allowable Increase	Exceeds Allowable Increase?
Bayhill Drive	West of El Camino Real	59.2	61.0	1.8	O/C ^d	70	No	5	No
Bayhill Drive	West of Cherry Avenue	55.5	58.5	3.0	O/C ^d	70	No	5	No
Bayhill Drive	East of Cherry Avenue	57.3	60.2	3.0	O/C ^d	70	No	5	No
Elm Avenue	North of W San Bruno Avenue	53.3	56.0	2.7	O/C ^d	70	No	5	No
Euclid Avenue	East of El Camino Real	59.5	61.0	1.5	SFR ^e	60	Yes	3	No
Traeger Avenue	North of W San Bruno Avenue	55.6	57.7	2.2	O/C ^d	70	No	5	No

Notes:

^a Max Office Scenario selected as worst-case for traffic noise

^b Year 2040 with Project values minus Year 2040 No Project values

^c Only segments with a 2 dB increase over No Plan conditions (when rounded to the nearest whole number) are presented in this table. Refer to Appendix X for a full summary of Specific Plan traffic noise modeling results.

^d O/C = Office Buildings, Business, Commercial and Professional

^e SFR = Single-Family Residential

Traffic Noise Modeling for Potential Cumulative Impacts (Only showing segments with a ~2 dB increase or more)

Roadway Segment		Existing (dB Ldn)	Year 2040 No Plan (dB Ldn)	Year 2040 with Plan ^a (dB Ldn)	Type of Land Use	Most Stringent Applicable Compatibility Standard	Exceeds Compatibility Standard?	Allowable Increase	Increase from Existing to Year 2040 With-Plan (dB)	Exceeds Allowable Increase?
W San Bruno Avenue	East of Elm Avenue	65.9	67.3	67.8	O/C ^b /SFR ^c	60	Y	3	2	N
Cherry Avenue	South of Sneath Lane	62.4	63.6	64.5	MFR ^d	65	Y	3	2.1	N
Cherry Avenue	North of W San Bruno Avenue	63.3	64.4	65.4	O/C ^b	70	N	5	2.1	N
Bayhill Drive	West of El Camino Real	58.8	59.2	61	O/C ^b	70	N	5	2.2	N
Cherry Avenue	North of Bayhill Drive	62.3	63.9	64.7	O/C ^b	70	N	5	2.4	N
Cherry Avenue	South of Bayhill Drive	62.5	63.9	65.1	O/C ^b	70	N	5	2.6	N
Traeger Avenue	North of W San Bruno Avenue	54.7	55.6	57.7	O/C ^b	70	N	5	3	N
Cemetery Entrance	North of Sneath Lane	44.9	48.1	48.1	Cemetery	75	N	5	3.4	N
Elm Avenue	North of W San Bruno Avenue	52.6	53.3	56	O/C ^b	70	N	5	3.4	N
Bayhill Drive	West of Cherry Avenue	55.1	55.5	58.5	O/C ^b	70	N	5	3.4	N
Bayhill Drive	East of Cherry Avenue	56.6	57.3	60.2	O/C ^b	70	N	5	3.7	N

Notes:

^a Max Office Scenario selected as worst-case for traffic noise

^b O/C = Office Buildings, Business, Commercial and Professional

^c SFR = Single-Family Residential

^d MFR = Multi-Family Residential

