Appendix E

Noise Data

Construction Modeling Outputs

Demolition

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Demolition			
Source 1: Concrete saw - Sound level (dBA) at 50 feet =	90	20%	83.0
Source 1: Tractor - Sound level (dBA) at 50 feet =	84	40%	80.0
Source 1: Excavator - Sound level (dBA) at 50 feet =	81	40%	77.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			91
All Sources Combined - Leq sound level (dBA) at 50 feet =			85

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
15	10	0.0	102	96
25	6	0.0	97	91
50	0	0.0	91	85
100	**-6**	**0.0**	**85**	**79**
120	-8	0.0	84	78
150	-10	0.0	82	76
200	-12	0.0	79	73
300	-16	0.0	76	70
400	-18	0.0	73	67
500	-20	0.0	71	65
600	-22	0.0	70	64
800	-24	0.0	67	61
1000	-26	0.0	65	59

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further, or ground effect attenuation

Site Preparation

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Site Preparation			
Source 1: Backhoe - Sound level (dBA) at 50 feet =	78	40%	74.0
Source 1: Dump truck - Sound level (dBA) at 50 feet =	76	40%	72.0
Source 1: Excavator - Sound level (dBA) at 50 feet =	81	40%	77.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			84
All Sources Combined - Leq sound level (dBA) at 50 feet =			80

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
15	10	0.0	94	90
25	6	0.0	90	86
50	0	0.0	84	80
100	**-6**	**0.0**	**78**	**74**
120	-8	0.0	76	72
150	-10	0.0	74	70
200	-12	0.0	72	68
300	-16	0.0	68	64
400	-18	0.0	66	62
500	-20	0.0	64	60
600	-22	0.0	62	58
800	-24	0.0	60	56
1000	-26	0.0	58	54

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further, or ground effect attenuation

Grading

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Grading			
Source 1: Dozer - Sound level (dBA) at 50 feet =	82	40%	78.0
Source 1: Grader - Sound level (dBA) at 50 feet =	85	40%	81.0
Source 1: Compactor - Sound level (dBA) at 50 feet =	83	20%	76.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			88
All Sources Combined - Leq sound level (dBA) at 50 feet =			84

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
15	10	0.0	99	94
25	6	0.0	94	90
50	0	0.0	88	84
100	**-6**	**0.0**	**82**	**78**
120	-8	0.0	81	76
150	-10	0.0	79	74
200	-12	0.0	76	72
300	-16	0.0	73	68
400	-18	0.0	70	66
500	-20	0.0	68	64
600	-22	0.0	67	62
800	-24	0.0	64	60
1000	-26	0.0	62	58

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further, or ground effect attenuation

Building and Utilities

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Building and Utilities			
Source 1: Crane - Sound level (dBA) at 50 feet =	81	16%	73.0
Source 1: Forkliftc - Sound level (dBA) at 50 feet =	84	40%	80.0
Source 1: Concrete pump truck - Sound level (dBA) at 50 fe	81	20%	74.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			87
All Sources Combined - Leq sound level (dBA) at 50 feet =			82

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
15	10	0.0	97	92
25	6	0.0	93	88
50	0	0.0	87	82
100	**-6**	**0.0**	**81**	**76**
120	-8	0.0	79	74
150	-10	0.0	77	72
200	-12	0.0	75	70
300	-16	0.0	71	66
400	-18	0.0	69	64
500	-20	0.0	67	62
600	-22	0.0	65	60
800	-24	0.0	63	58
1000	-26	0.0	61	56

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further, or ground effect attenuation

Architectural Coating

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Arch Coating			
Source 1: Air Compressor - Sound level (dBA) at 50 feet =	78	40%	74.0
Source 1: Air Compressor - Sound level (dBA) at 50 feet =	78	40%	74.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			81
All Sources Combined - Leq sound level (dBA) at 50 feet =			77

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
15	10	0.0	91	87
25	6	0.0	87	83
50	0	0.0	81	77
100	**-6**	**0.0**	**75**	**71**
120	-8	0.0	73	69
150	-10	0.0	71	67
200	-12	0.0	69	65
300	-16	0.0	65	61
400	-18	0.0	63	59
500	-20	0.0	61	57
600	-22	0.0	59	55
800	-24	0.0	57	53
1000	-26	0.0	55	51

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further, or ground effect attenuation

Paving

Source Data:	Maximum Sound Level (dBA)	Utilization Factor	Leq Sound Level (dBA)
Construction Condition: Paving			
Source 1: Roller - Sound level (dBA) at 50 feet =	80	20%	73.0
Source 1: Paver - Sound level (dBA) at 50 feet =	77	50%	74.0
Source 1: Paver - Sound level (dBA) at 50 feet =	77	50%	74.0
Calculated Data:			
All Sources Combined - Lmax sound level (dBA) at 50 feet =			83
All Sources Combined - Leq sound level (dBA) at 50 feet =			78

Distance Between Source and Receiver (ft.)	Geometric Attenuation (dB)	Ground Effect Attenuation (dB)	Calculated Lmax Sound Level (dBA)	Calculated Leq Sound Level (dBA)
15	10	0.0	93	89
25	6	0.0	89	84
50	0	0.0	83	78
100	**-6**	**0.0**	**77**	**72**
120	-8	0.0	75	71
150	-10	0.0	73	69
200	-12	0.0	71	66
300	-16	0.0	67	63
400	-18	0.0	65	60
500	-20	0.0	63	58
600	-22	0.0	61	57
800	-24	0.0	59	54
1000	-26	0.0	57	52

Geometric attenuation based on 6 dB per doubling of distance.

Note: This calculation does not include the effects, if any, of local shielding from walls, topography or other barriers which may reduce sound levels further, or ground effect attenuation

Traffic Noise Modeling

Traffic Noise Modeling Summary, All Conditions

Roadway	Segment	Existing[a] Ldn (dBA)	Year 2040 No Project Ldn (dBA)	Year 2040 Plus Project Ldn (dBA)	Year 2040 No Project to year 2040 Plus Project Noise Increase dB
Centre Pointe Drive	South of Great Mall Parkway	49.7	63.6	64.2	0.6
Dempsey Road	North of Landess Avenue	62.8	64.3	64.4	0.1
Fairlane Drive	North of Great Mall Parkway	60.3	61.1	61.4	0.3
Great Mall Parkway	East of Centre Point Drive/Mustang Drive	69.0	70.0	70.0	0.0
Great Mall Parkway	East of McCandless Drive/Fairlane Drive	68.4	70.2	70.6	0.5
Great Mall Parkway	East of Montague Expressway	70.5	71.3	71.2	-0.1
Great Mall Parkway	East of South Abel Street	68.3	69.2	69.7	0.5
Great Mall Parkway	East of South Main Street	68.9	71.0	71.1	0.1
Great Mall Parkway	West of Centre Pointe Drive/Mustang Drive	68.4	70.2	70.7	0.5
Great Mall Parkway	West of McCandless Drive/Fairlane Drive	69.0	71.0	71.2	0.2
Great Mall Parkway	West of Montague Expressway	69.5	70.2	70.3	0.0
Great Mall Parkway	West of South Abel Street	69.3	70.1	70.1	0.0
Great Mall Parkway	West of South Main Street	68.2	69.0	69.6	0.6
I680 NB Off Ramp	South of Landess Avenue	61.7	63.7	64.0	0.3
I880 NB Ramps	South of Tasnman Drive/GMP	67.0	68.3	67.9	-0.4
I880 SB Off Ramp	North of Tasman Drive/GMP	63.9	64.2	64.1	-0.1
I880 SB On Ramp	South of Tasnman Drive/GMP	64.5	64.8	64.8	0.0
Landess Avenue	East of Dempsey Road/ I680 NB Off Ramp	70.2	70.5	70.6	0.1
Landess Avenue	West of Dempsey Road/ I680 NB Off Ramp	69.1	69.7	70.0	0.3
McCandless Drive	North of Montague Expressway	58.8	62.2	61.7	-0.5
McCandless Drive	South of Great Mall Parkway	58.4	61.0	60.0	-1.0
McCarthy Boulevard	North of Montague Expressway	66.4	70.1	70.1	-0.1
Montague Expressway	East of McCandless Drive/Trade Zone Boulevard	72.3	74.5	74.5	0.0
Montague Expressway	East of McCarthy Boulevard/O'Toole Avenue	75.1	75.6	75.7	0.1
Montague Expressway	East of South Main Street/Oakland Road	74.4	75.3	75.6	0.3
Montague Expressway	East of South Milpitas Boulevard	71.2	72.2	72.4	0.2
Montague Expressway	North of Great Mall Parkway	71.6	73.3	73.9	0.6
Montague Expressway	South of Great Mall Parkway	68.4	71.7	72.1	0.4
Montague Expressway	West of McCandless Drive/Trade Zone Boulevard	74.1	75.1	75.5	0.4
Montague Expressway	West of McCarthy Bloulevard/O'Toole Avenue	75.1	76.1	76.2	0.1
Montague Expressway	West of South Main Street/Oakland Road	75.5	76.0	76.0	0.1
Montague Expressway	West of South Milpitas Boulevard	71.5	72.8	72.4	-0.4
Mustang Drive	North of Great Mall Parkway	58.7	60.9	60.4	-0.4
Oakland Road	South of Montague Expressway	67.5	71.5	71.6	0.1
O'Toole Avenue	South of Montague Expressway	63.1	65.9	66.0	0.1
South Abel Street	North of Great Mall Parkway	66.8	70.1	70.1	0.0
South Abel Street	South of Great Mall Parkway	66.3	69.5	69.6	0.1
South Main Street	North of Great Mall Parkway	64.6	68.2	68.9	0.8
South Main Street	North of Montague Expressway	66.6	69.9	69.4	-0.4
South Main Street	South of Great Mall Parkway	62.7	66.2	66.0	-0.3
South Milpitas Boulevard	North of Montague Expressway	63.8	70.1	69.9	-0.2
South Milpitas Boulevard	South of Montague Expressway	44.5	69.2	68.8	-0.4
Tasman Drive/GMP	East of I880 SB Ramps	69.9	70.4	70.6	0.1
Tasman Drive/GMP	East of Thompson Street	69.1	69.9	70.0	0.1
Tasman Drive/GMP	West of I880 SB Ramps	70.5	71.1	71.2	0.1
Tasman Drive/GMP	West of Thompson Street	69.5	70.0	70.3	0.2
Thompson Street	North of Tasman Drive/GMP	61.2	63.1	63.5	0.5
Trade Zone Boulevard	South of Montague Expressway	68.2	69.9	69.4	-0.5

[a] Existing = Year 2017 (Prior to the 2020 Coronovirus Pandemic)

All Segments modeled at a fixed distance of 50 feet from the roadway centerline

More detailed Traffic Noise Assessment for Impacted Segments

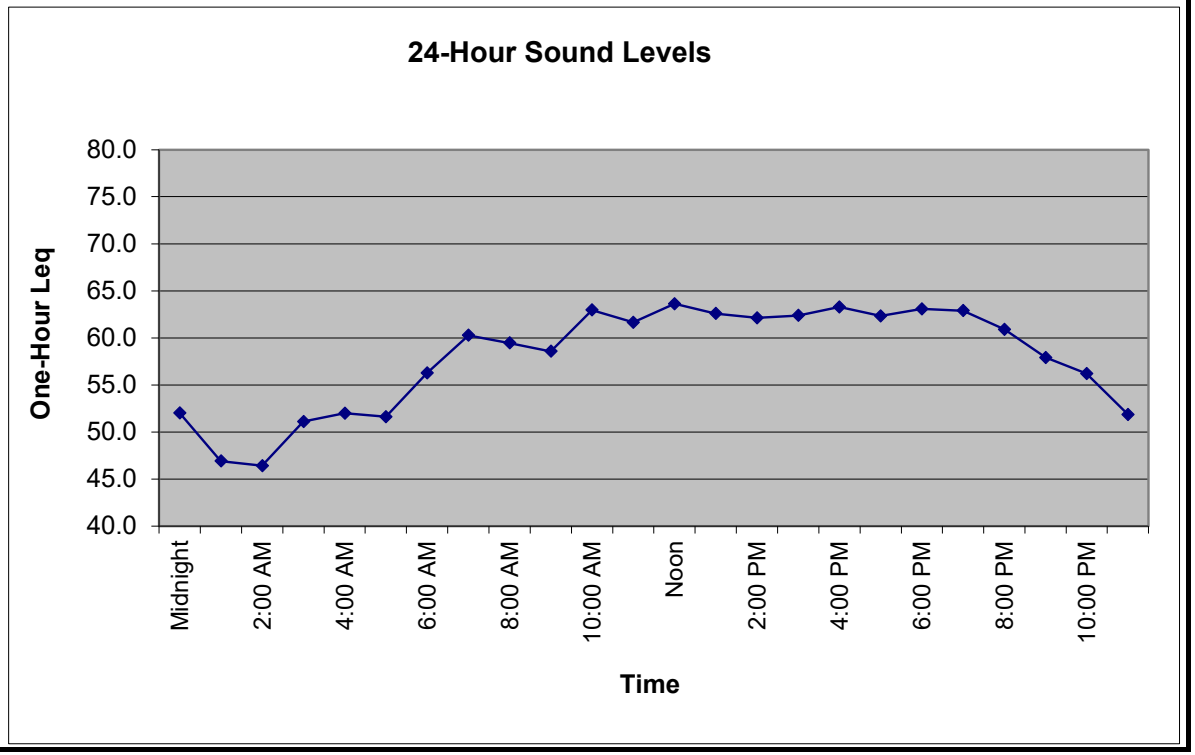
Roadway	Segment	Year 2040 No Project (dBA Ldn)	Year 2040 Plus Project (dBA Ldn)	Project-related increase (dB)	Most Sensitive Adjacent Land Uses	Applicable Compatability Standard (dBA Ldn)	Exceeds Compatability Standard?	Allowable Increase (dB)	Exceeds Allowable Increase?
Centre Pointe Drive	South of Great Mall Parkway	63.6	64.2	0.6	MFR	65	No	5	**No**

Noise Appendix

Long Term Measurement Data

Ldn/CNEL Calculation Spreadsheet

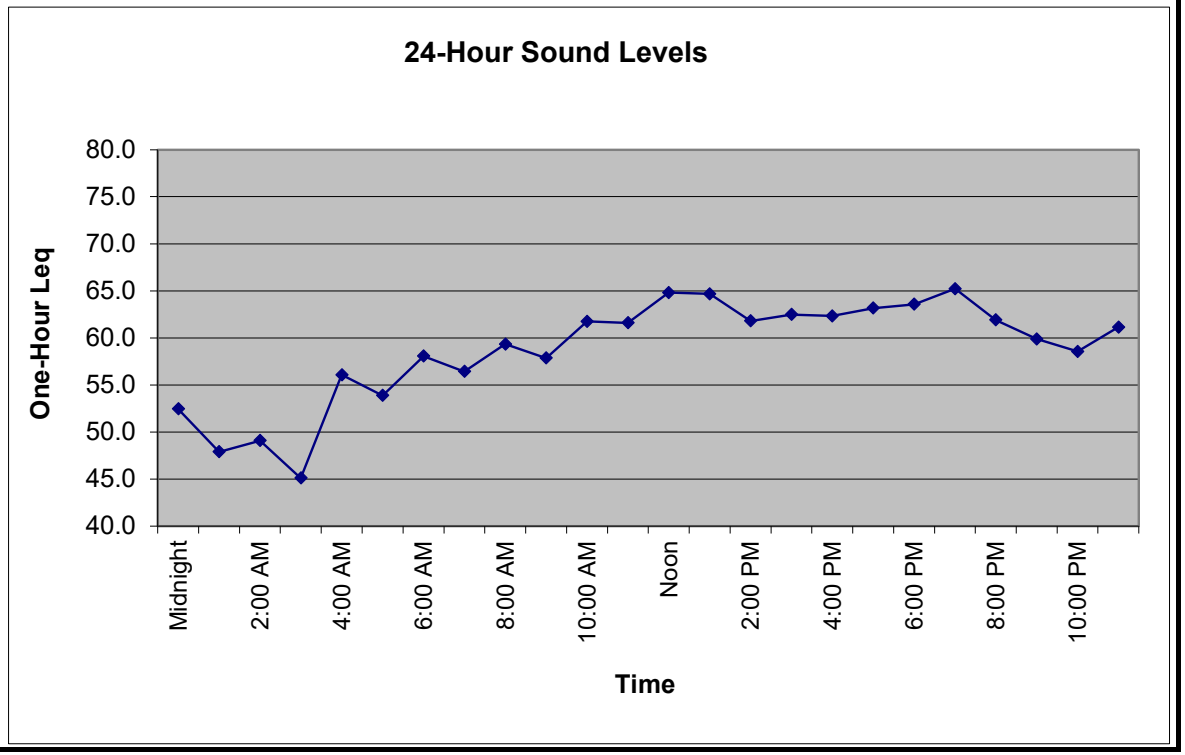
Project:		Milpitas TASP		Date:	9/14/2021	Analyst:	Schumaker, N		
Location:	LT-1								
Time	Tuesday 9/14/2021	Leq(24)	Ldn	CNEL	Worst Hour Leq	Ldn minus Worst Hour Leq	CNEL minus Ldn	Day
Midnight	52.0	60.2	62.2	63.0	63.6	-1.4	0.8	Evening
1:00 AM	46.9		2.0	2.8				Night
2:00 AM	46.4							
3:00 AM	51.1							
4:00 AM	52.0							
5:00 AM	51.6							
6:00 AM	56.3							
7:00 AM	60.3							
8:00 AM	59.4							
9:00 AM	58.6							
10:00 AM	63.0							
11:00 AM	61.7							
Noon	63.6							
1:00 PM	62.6							
2:00 PM	62.1							
3:00 PM	62.4							
4:00 PM	63.3							
5:00 PM	62.3							
6:00 PM	63.1							
7:00 PM	62.9							
8:00 PM	60.9							
9:00 PM	57.9							
10:00 PM	56.2							
11:00 PM	51.9							



Ldn	62.2
Worst Hour Leq	63.6
Lowest Hour LEQ	46.4
12-hour Leq	62.1

Ldn/CNEL Calculation Spreadsheet

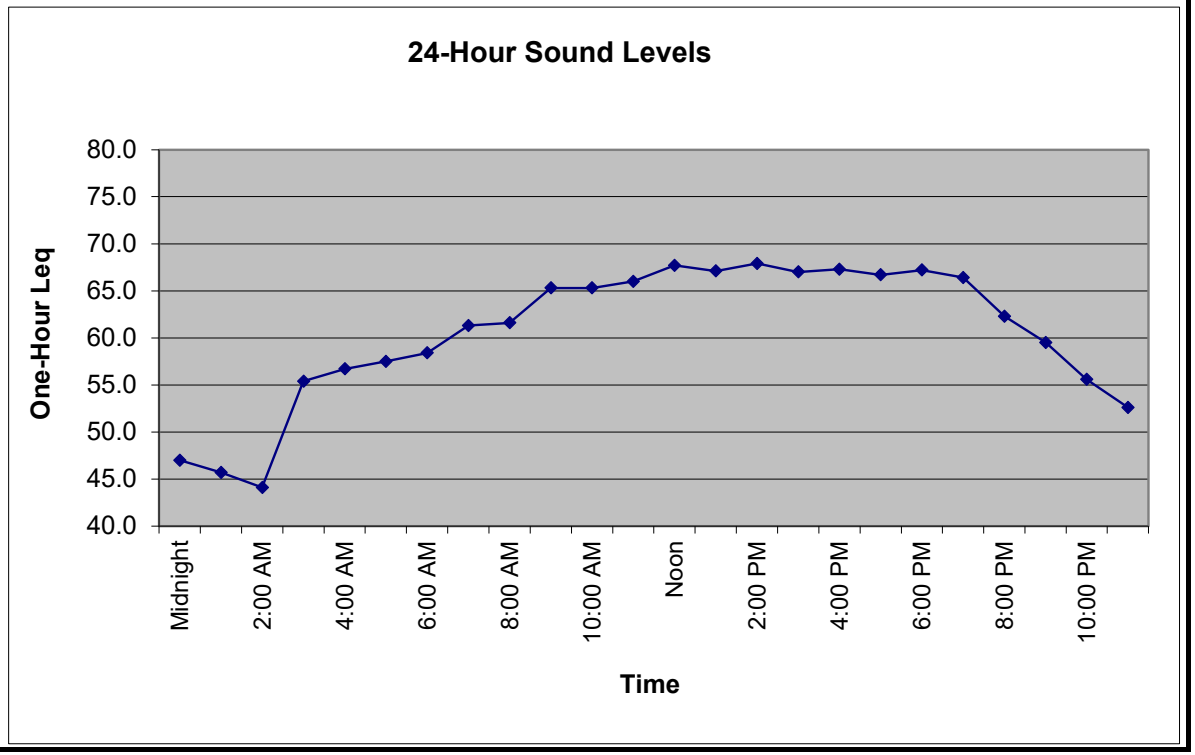
Project:		Milpitas TASP		Date:	9/15/2021	Analyst:	Schumaker, N		
Location:	LT-1								
Time	Wednesday 9/15/2021	Leq(24)	Ldn	CNEL	Worst Hour Leq	Ldn minus Worst Hour Leq	CNEL minus Ldn	Day
Midnight	52.4	60.9	64.2	65.0	65.2	-1.1	0.8	Evening
1:00 AM	47.9		7.7	8.5				Night
2:00 AM	49.1							
3:00 AM	45.1							
4:00 AM	56.1							
5:00 AM	53.9							
6:00 AM	58.1							
7:00 AM	56.4							
8:00 AM	59.3							
9:00 AM	57.9							
10:00 AM	61.8							
11:00 AM	61.6							
Noon	64.8							
1:00 PM	64.7							
2:00 PM	61.8							
3:00 PM	62.5							
4:00 PM	62.3							
5:00 PM	63.2							
6:00 PM	63.6							
7:00 PM	65.2							
8:00 PM	61.9							
9:00 PM	59.9							
10:00 PM	58.6							
11:00 PM	61.1							



Ldn	64.2
Worst Hour Leq	65.2
Lowest Hour LEQ	45.1
12-hour Leq	62.3

Ldn/CNEL Calculation Spreadsheet

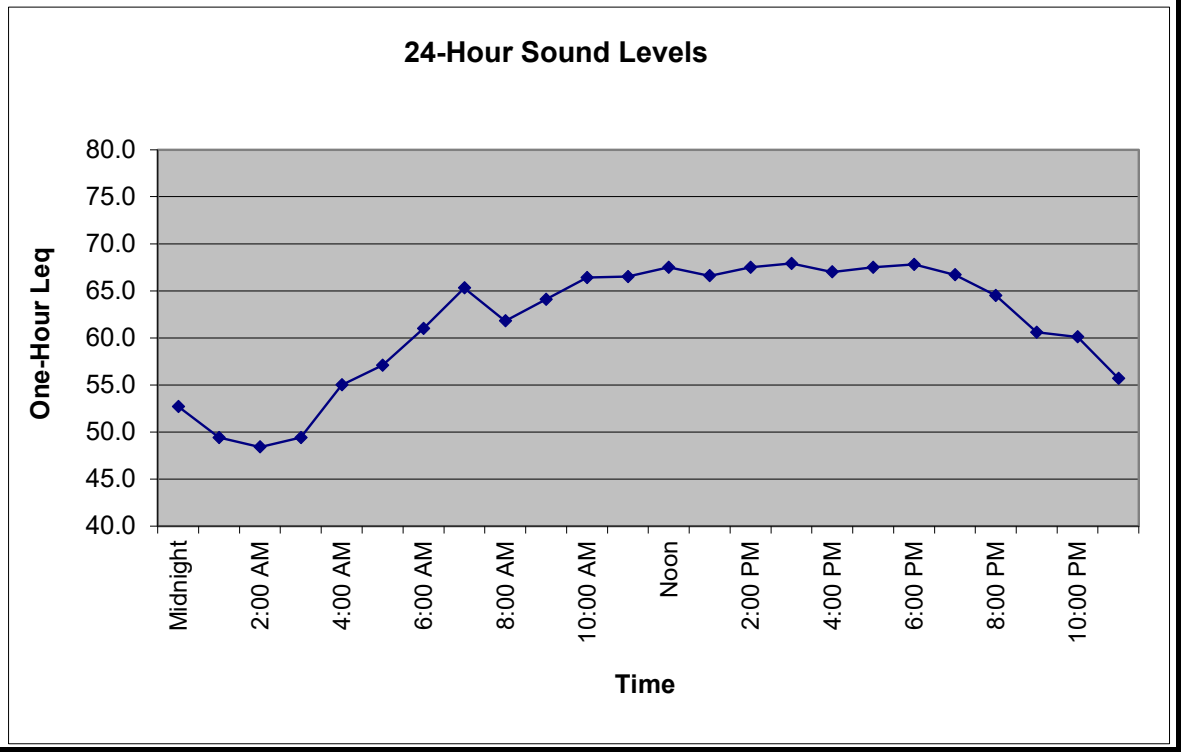
Project:		Milpitas TASP		Date:	9/14/2021	Analyst:	Schumaker, N		
Location:	LT-2								
	Tuesday					Worst Hour	Ldn minus	CNEL minus	
Time	9/14/2021	Leq(24)	Ldn	CNEL		Leq	Worst Hour Leq	Ldn	Day
Midnight	47.0	64.0	65.5	66.2		67.9	-2.4	0.7	Evening
1:00 AM	45.7		4.2	4.9					Night
2:00 AM	44.1								
3:00 AM	55.4								
4:00 AM	56.7								
5:00 AM	57.5								
6:00 AM	58.4								
7:00 AM	61.3								
8:00 AM	61.6								
9:00 AM	65.3								
10:00 AM	65.3								
11:00 AM	66.0								
Noon	67.7								
1:00 PM	67.1								
2:00 PM	67.9								
3:00 PM	67.0								
4:00 PM	67.3								
5:00 PM	66.7								
6:00 PM	67.2								
7:00 PM	66.4								
8:00 PM	62.3								
9:00 PM	59.5								
10:00 PM	55.6								
11:00 PM	52.6								



Ldn	65.5
Worst Hour Leq	67.9
Lowest Hour LEQ	44.1
12-hour Leq	66.3

Ldn/CNEL Calculation Spreadsheet

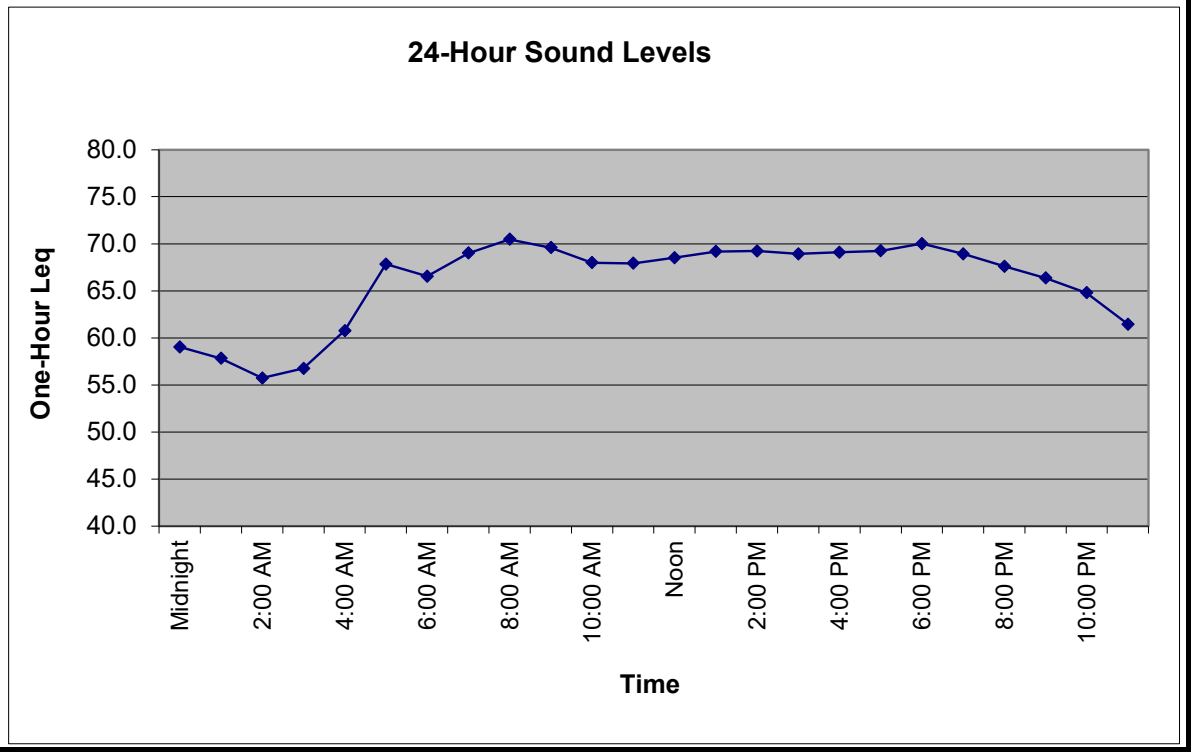
Project:		Milpitas TASP		Date:	9/15/2021	Analyst:	Schumaker, N		
Location:	LT-2								
	Wednesday					Worst Hour	Ldn minus	CNEL minus	
Time	9/15/2021	Leq(24)	Ldn	CNEL		Leq	Worst Hour Leq	Ldn	Day
Midnight	52.7	64.5	66.3	67.0		67.9	-1.6	0.7	Evening
1:00 AM	49.4		1.0	1.7					Night
2:00 AM	48.4								
3:00 AM	49.4								
4:00 AM	55.0								
5:00 AM	57.1								
6:00 AM	61.0								
7:00 AM	65.3								
8:00 AM	61.8								
9:00 AM	64.1								
10:00 AM	66.4								
11:00 AM	66.5								
Noon	67.5								
1:00 PM	66.6								
2:00 PM	67.5								
3:00 PM	67.9								
4:00 PM	67.0								
5:00 PM	67.5								
6:00 PM	67.8								
7:00 PM	66.7								
8:00 PM	64.5								
9:00 PM	60.6								
10:00 PM	60.1								
11:00 PM	55.7								



Ldn	66.3
Worst Hour Leq	67.9
Lowest Hour LEQ	48.4
12-hour Leq	66.6

Ldn/CNEL Calculation Spreadsheet

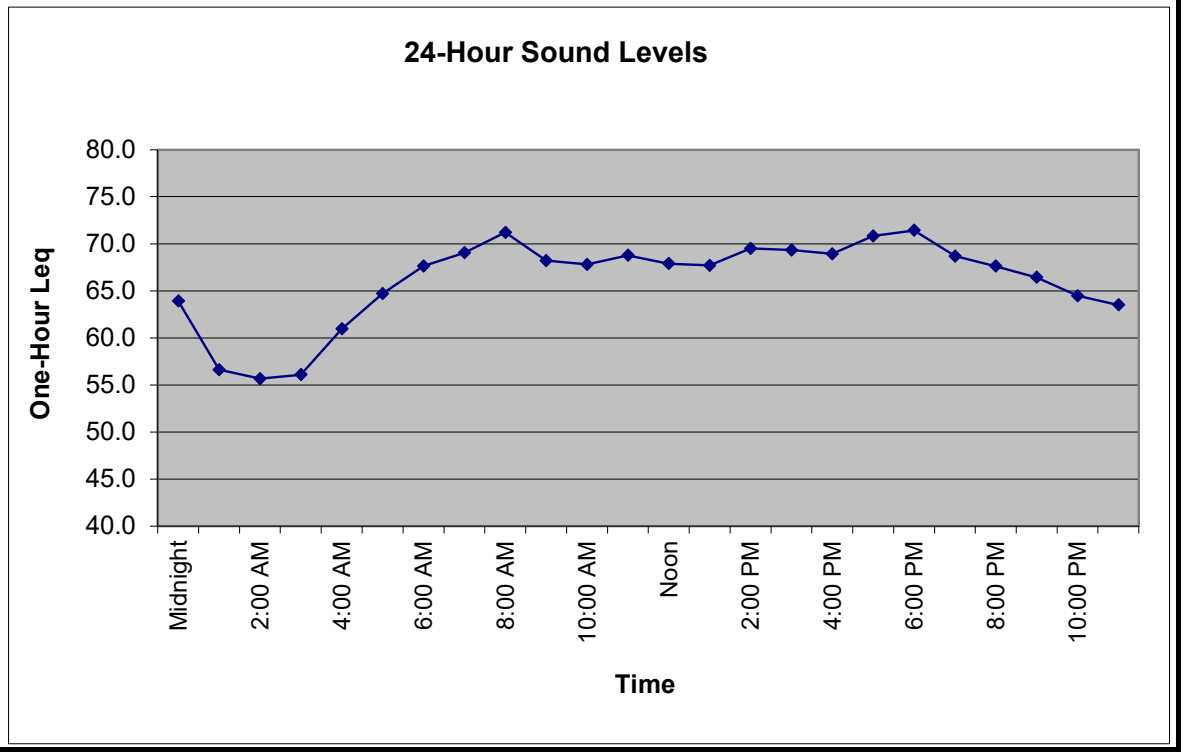
Project:		Milpitas TASP		Date:	9/14/2021	Analyst:	Schumaker, N		
Location:	LT-3								
	Tuesday					Worst Hour	Ldn minus	CNEL minus	
Time	9/14/2021	Leq(24)	Ldn	CNEL		Leq	Worst Hour Leq	Ldn	Day
Midnight	59.0	67.5	71.0	71.5		70.5	0.5	0.5	Evening
1:00 AM	57.8		2.0	2.5					Night
2:00 AM	55.7								
3:00 AM	56.7								
4:00 AM	60.8								
5:00 AM	67.8								
6:00 AM	66.5								
7:00 AM	69.0								
8:00 AM	70.5								
9:00 AM	69.6								
10:00 AM	68.0								
11:00 AM	67.9								
Noon	68.5								
1:00 PM	69.2								
2:00 PM	69.2								
3:00 PM	68.9								
4:00 PM	69.1								
5:00 PM	69.2								
6:00 PM	70.0								
7:00 PM	68.9								
8:00 PM	67.6								
9:00 PM	66.4								
10:00 PM	64.8								
11:00 PM	61.4								



Ldn	71.0
Worst Hour Leq	70.5
Lowest Hour LEQ	55.7
12-hour Leq	69.2

Ldn/CNEL Calculation Spreadsheet

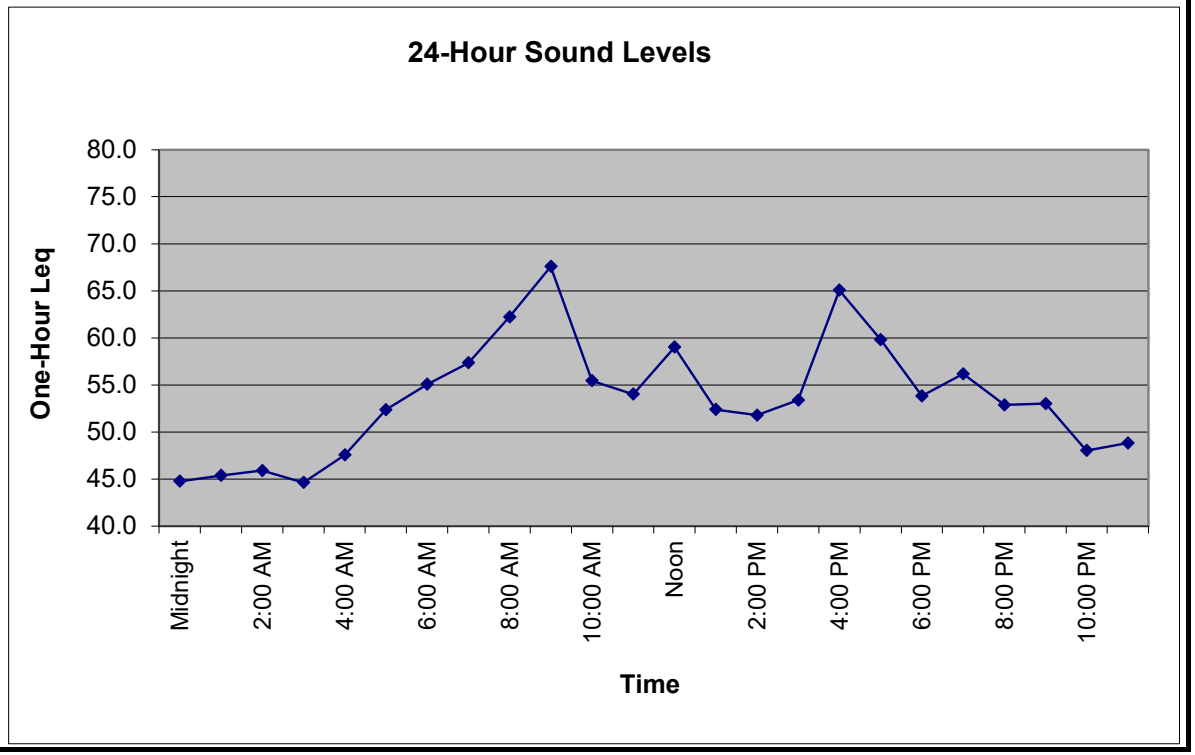
Project:		Milpitas TASP		Date:	9/15/2021	Analyst:	Schumaker, N		
Location:	LT-3								
Time	Wedneday 9/15/2021	Leq(24)	Ldn	CNEL	Worst Hour Leq	Ldn minus Worst Hour Leq	CNEL minus Ldn	Day
Midnight	63.9	67.7	71.1	71.6	71.4	-0.3	0.5	Evening
1:00 AM	56.6		2.1	2.6				Night
2:00 AM	55.7							
3:00 AM	56.1							
4:00 AM	60.9							
5:00 AM	64.7							
6:00 AM	67.6							
7:00 AM	69.0							
8:00 AM	71.2							
9:00 AM	68.2							
10:00 AM	67.8							
11:00 AM	68.8							
Noon	67.9							
1:00 PM	67.7							
2:00 PM	69.5							
3:00 PM	69.3							
4:00 PM	68.9							
5:00 PM	70.8							
6:00 PM	71.4							
7:00 PM	68.7							
8:00 PM	67.6							
9:00 PM	66.4							
10:00 PM	64.5							
11:00 PM	63.5							



Ldn	71.1
Worst Hour Leq	71.4
Lowest Hour LEQ	55.7
12-hour Leq	69.4

Ldn/CNEL Calculation Spreadsheet

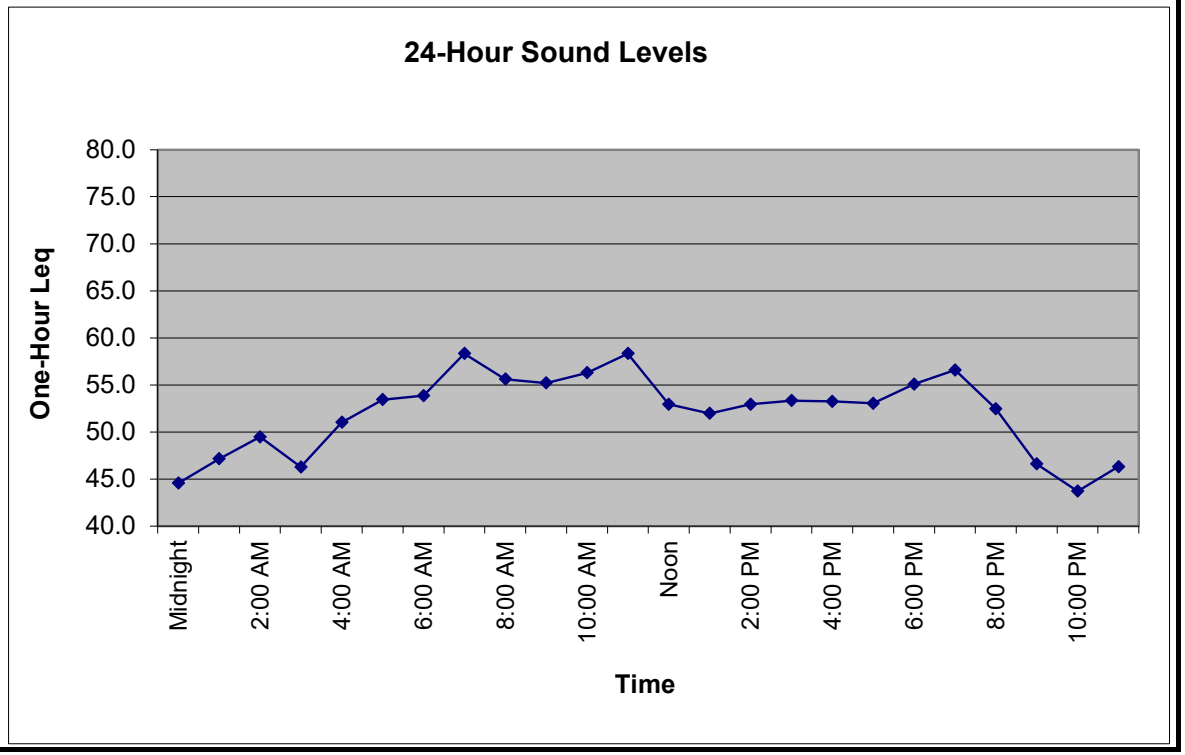
Project:		Milpitas TASP		Date:	9/14/2021	Analyst:	Schumaker, N		
Location:	LT-4								
	Tuesday					Worst Hour	Ldn minus	CNEL minus	
Time	9/14/2021	Leq(24)	Ldn	CNEL		Leq	Worst Hour Leq	Ldn	Day
Midnight	44.8	58.2	59.9	60.2		67.6	-7.7	0.3	Evening
1:00 AM	45.4		2.5	2.8					Night
2:00 AM	45.9								
3:00 AM	44.6								
4:00 AM	47.6								
5:00 AM	52.4								
6:00 AM	55.1								
7:00 AM	57.3								
8:00 AM	62.2								
9:00 AM	67.6								
10:00 AM	55.4								
11:00 AM	54.0								
Noon	59.0								
1:00 PM	52.4								
2:00 PM	51.8								
3:00 PM	53.4								
4:00 PM	65.1								
5:00 PM	59.8								
6:00 PM	53.8								
7:00 PM	56.2								
8:00 PM	52.9								
9:00 PM	53.0								
10:00 PM	48.0								
11:00 PM	48.8								



Ldn	59.9
Worst Hour Leq	67.6
Lowest Hour LEQ	44.6
12-hour Leq	60.8

Ldn/CNEL Calculation Spreadsheet

Project:		Milpitas TASP		Date:	9/15/2021	Analyst:	Schumaker, N		
Location:	LT-4								
Time	Wedneday 9/15/2021	Leq(24)	Ldn	CNEL	Worst Hour Leq	Ldn minus Worst Hour Leq	CNEL minus Ldn	Day
Midnight	44.6	53.6	57.5	57.9	58.3	-0.9	0.5	Evening
1:00 AM	47.1		-0.9	-0.4				Night
2:00 AM	49.5							
3:00 AM	46.3							
4:00 AM	51.0							
5:00 AM	53.4							
6:00 AM	53.9							
7:00 AM	58.3							
8:00 AM	55.6							
9:00 AM	55.2							
10:00 AM	56.3							
11:00 AM	58.3							
Noon	52.9							
1:00 PM	52.0							
2:00 PM	52.9							
3:00 PM	53.3							
4:00 PM	53.2							
5:00 PM	53.0							
6:00 PM	55.1							
7:00 PM	56.6							
8:00 PM	52.5							
9:00 PM	46.6							
10:00 PM	43.7							
11:00 PM	46.3							



Ldn	57.5
Worst Hour Leq	58.3
Lowest Hour LEQ	43.7
12-hour Leq	55.2

Noise Appendix

Short Term Measurement Data

ST-1 Summary

File Name on Meter	LxT_Data.019.s
File Name on PC	LxT_0004004-20210914 132758-LxT_Data.019.ldbin
Serial Number	0004004
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2021-09-14 13:27:58
Stop	2021-09-14 13:42:59
Duration	00:15:01.4
Run Time	00:15:01.4
Pause	00:00:00.0
Pre-Calibration	2021-09-14 13:24:30
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
Overload	123.4 dB

	A	**C**	**Z**
Under Range Peak	80.0	77.0	**82.0** dB
Under Range Limit	**24.5**	25.8	32.2 dB
Noise Floor	15.4	16.7	23.0 dB

Results

LAeq	56.2
LAE	85.7
EA	41.563 µPa²h
EA8	1.328 mPa²h
EA40	6.640 mPa²h
LZpeak (max)	2021-09-14 13:34:09 93.0 dB
LASmax	2021-09-14 13:34:08 71.1 dB
LASmin	2021-09-14 13:28:03 40.4 dB
SEA	-99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s

Community Noise	**Ldn**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**Lden**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**
	56.2	56.2	-99.9	56.2	56.2	-99.9

LCeq	66.5 dB
LAeq	56.2 dB
LCeq - LAeq	10.3 dB
LALeq	58.0 dB
LAeq	56.2 dB
LALeq - LAeq	1.8 dB

	A		**C**		**Z**	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
Leq	56.2		66.5			
LS(max)	71.1	2021/09/14 13:34:08				
LS(min)	40.4	2021/09/14 13:28:03				
LPeak(max)					93.0	2021/09/14 13:34:09

Overload Count	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	-99.94	-99.94 %
Projected Dose	-99.94	-99.94 %
TWA (Projected)	-99.9	-99.9 dB
TWA (t)	-99.9	-99.9 dB
Lep (t)	41.1	41.1 dB

Statistics	
LA5.00	62.3 dB
LA10.00	60.4 dB
LA33.30	54.6 dB
LA50.00	51.2 dB
LA66.60	48.7 dB
LA90.00	44.5 dB

ST-2 Summary

File Name on Meter	LxT_Data.018.s
File Name on PC	LxT_0004004-20210914 124348-LxT_Data.018.ldbin
Serial Number	0004004
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2021-09-14 12:43:48
Stop	2021-09-14 12:58:48
Duration	00:15:00.3
Run Time	00:15:00.3
Pause	00:00:00.0
Pre-Calibration	2021-09-14 12:39:15
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
Overload	123.4 dB

	A	**C**	**Z**
Under Range Peak	80.0	77.0	**82.0** dB
Under Range Limit	**24.5**	25.8	32.2 dB
Noise Floor	15.4	16.7	23.0 dB

Results

LAeq	62.6
LAE	92.1
EA	180.143 µPa²h
EA8	5.763 mPa²h
EA40	28.813 mPa²h
LZpeak (max)	2021-09-14 12:51:55 100.4 dB
LASmax	2021-09-14 12:47:27 77.0 dB
LASmin	2021-09-14 12:55:48 46.2 dB
SEA	-99.9 dB
LAS > 85.0 dB (Exceedance Counts / Duration)	0 0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0 0.0 s
LZpeak > 135.0 dB (Exceedance Counts / Duration)	0 0.0 s
LZpeak > 137.0 dB (Exceedance Counts / Duration)	0 0.0 s
LZpeak > 140.0 dB (Exceedance Counts / Duration)	0 0.0 s

Community Noise	**Ldn**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**Lden**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**
	62.6	62.6	-99.9	62.6	62.6	-99.9

LCeq	70.1 dB
LAeq	62.6 dB
LCeq - LAeq	7.5 dB
LALeq	64.6 dB
LAeq	62.6 dB
LALeq - LAeq	2.1 dB

	A		**C**		**Z**	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
Leq	62.6		70.1			
LS(max)	77.0	2021/09/14 12:47:27				
LS(min)	46.2	2021/09/14 12:55:48				
LPeak(max)					100.4	2021/09/14 12:51:55

Overload Count	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	-99.94	-99.94	%
Projected Dose	-99.94	-99.94	%
TWA (Projected)	-99.9	-99.9	dB
TWA (t)	-99.9	-99.9	dB
Lep (t)	47.5	47.5	dB

Statistics		
LA5.00	69.3	dB
LA10.00	67.5	dB
LA33.30	59.4	dB
LA50.00	56.0	dB
LA66.60	52.7	dB
LA90.00	48.9	dB

ST-3 Summary

File Name on Meter	LxT_Data.021.s
File Name on PC	LxT_0004004-20210914 142200-LxT_Data.021.ldbin
Serial Number	0004004
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2021-09-14 14:22:00
Stop	2021-09-14 14:37:01
Duration	00:15:00.6
Run Time	00:15:00.6
Pause	00:00:00.0
Pre-Calibration	2021-09-14 14:00:34
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
Overload	123.4 dB

	A	C	Z
Under Range Peak	80.0	77.0	**82.0** dB
Under Range Limit	**24.5**	25.8	32.2 dB
Noise Floor	15.4	16.7	23.0 dB

Results

LAeq	51.7
LAE	81.2
EA	14.700 µPa²h
EA8	470.082 µPa²h
EA40	2.350 mPa²h
LZpeak (max)	2021-09-14 14:30:55 93.0 dB
LASmax	2021-09-14 14:31:43 62.8 dB
LASmin	2021-09-14 14:25:05 44.8 dB
SEA	-99.9 dB

LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s

Community Noise	**Ldn**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**Lden**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**
	51.7	51.7	-99.9	51.7	51.7	-99.9

LCeq	63.2 dB
LAeq	51.7 dB
LCeq - LAeq	11.5 dB
LAleq	53.4 dB
LAeq	51.7 dB
LAleq - LAeq	1.8 dB

	A		C		Z	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
Leq	51.7		63.2			
LS(max)	62.8	2021/09/14 14:31:43				
LS(min)	44.8	2021/09/14 14:25:05				
LPeak(max)					93.0	2021/09/14 14:30:55

Overload Count	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	-99.94	-99.94 %
Projected Dose	-99.94	-99.94 %
TWA (Projected)	-99.9	-99.9 dB
TWA (t)	-99.9	-99.9 dB
Lep (t)	36.6	36.6 dB

Statistics	
LA5.00	56.2 dB
LA10.00	54.6 dB
LA33.30	51.0 dB
LA50.00	49.9 dB
LA66.60	48.5 dB
LA90.00	46.9 dB

ST-4 Summary

File Name on Meter	LxT_Data.026.s
File Name on PC	LxT_0004004-20210916 140800-LxT_Data.026.ldbin
Serial Number	0004004
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2021-09-16 14:08:00
Stop	2021-09-16 14:23:01
Duration	00:15:00.7
Run Time	00:15:00.7
Pause	00:00:00.0
Pre-Calibration	2021-09-16 14:01:40
Post-Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamplifier	PRMLxT1L
Microphone Correction	Off
Integration Method	Linear
Overload	123.5 dB

	A	**C**	**Z**
Under Range Peak	80.1	77.1	**82.1** dB
Under Range Limit	**24.6**	25.9	32.3 dB
Noise Floor	15.4	16.7	23.1 dB

Results

LAeq	59.4	#REF!	*Note: Calculated Leq including the removal of 10 seconds of excessive noise due to a large moving truck
LAE	88.9		
EA	86.197 µPa²h		
EA8	2.756 mPa²h		
EA40	13.781 mPa²h		
LZpeak (max)	2021-09-16 14:09:34	106.3 dB	
LASmax	2021-09-16 14:09:37	83.5 dB	
LASmin	2021-09-16 14:13:39	42.4 dB	
SEA	-99.9 dB		

LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s

Community Noise	**Ldn**	**LDay 07:00-22:00**	**LNight 22:00-07:00**	**Lden**	**LDay 07:00-19:00**	**LEvening 19:00-22:00**
	59.4	59.4	-99.9	59.4	59.4	-99.9

LCeq	66.9 dB	
LAeq	59.4 dB	
LCeq - LAeq	7.5 dB	
LALeq	62.7 dB	
LAeq	59.4 dB	
LALeq - LAeq	3.3 dB	

	A		**C**		**Z**	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
Leq	59.4		66.9			
LS(max)	83.5	2021/09/16 14:09:37				
LS(min)	42.4	2021/09/16 14:13:39				
LPeak(max)					106.3	2021/09/16 14:09:34

Overload Count	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	-99.94	0.00 %
Projected Dose	-99.94	0.09 %
TWA (Projected)	-99.9	39.5 dB
TWA (t)	-99.9	14.5 dB
Lep (t)	44.3	44.3 dB

Statistics	
LA5.00	60.6 dB
LA10.00	56.0 dB
LA33.30	48.9 dB
LA50.00	45.9 dB
LA66.60	44.8 dB
LA90.00	43.4 dB

ST-1 Time History

Record #	Record Type	Date	Time	LAeq	LZpeak	LASmax	LASmin	OVLD
1	Calibration Change	2021-09-14	13:24:30					
2	Run	2021-09-14	13:27:58					
3		2021-09-14	13:27:58	44.4	85.2	49.1	40.4	No
4		2021-09-14	13:28:08	52.0	79.4	57.0	46.7	No
5		2021-09-14	13:28:18	56.6	83.2	60.2	49.9	No
6		2021-09-14	13:28:28	48.7	77.3	51.4	45.6	No
7		2021-09-14	13:28:38	43.1	84.3	47.0	41.7	No
8		2021-09-14	13:28:48	49.5	82.0	54.6	42.3	No
9		2021-09-14	13:28:58	41.8	75.9	43.3	41.3	No
10		2021-09-14	13:29:08	55.6	76.7	60.3	41.6	No
11		2021-09-14	13:29:18	55.2	79.6	61.0	48.3	No
12		2021-09-14	13:29:28	57.9	81.8	61.4	49.2	No
13		2021-09-14	13:29:38	46.9	78.4	49.6	45.6	No
14		2021-09-14	13:29:48	55.2	81.8	58.3	47.8	No
15		2021-09-14	13:29:58	49.1	80.4	53.4	44.9	No
16		2021-09-14	13:30:08	61.0	88.2	64.3	53.4	No
17		2021-09-14	13:30:18	60.2	85.8	63.6	55.4	No
18		2021-09-14	13:30:28	60.0	86.0	63.6	53.1	No
19		2021-09-14	13:30:38	51.6	83.9	58.6	49.8	No
20		2021-09-14	13:30:48	56.2	84.6	59.6	52.5	No
21		2021-09-14	13:30:58	54.0	82.0	56.5	49.3	No
22		2021-09-14	13:31:08	56.0	81.4	57.9	53.5	No
23		2021-09-14	13:31:18	48.8	80.4	53.5	47.0	No
24		2021-09-14	13:31:28	50.5	83.8	52.8	46.6	No
25		2021-09-14	13:31:38	62.4	85.6	66.4	52.6	No
26		2021-09-14	13:31:48	59.0	85.9	62.4	54.5	No
27		2021-09-14	13:31:58	48.7	77.8	54.5	47.9	No
28		2021-09-14	13:32:08	52.5	76.9	54.3	48.2	No
29		2021-09-14	13:32:18	46.0	76.3	48.1	45.6	No
30		2021-09-14	13:32:28	46.6	85.5	48.9	45.3	No
31		2021-09-14	13:32:38	50.4	85.3	53.9	47.9	No
32		2021-09-14	13:32:48	48.8	83.5	51.6	46.4	No
33		2021-09-14	13:32:58	53.2	80.1	57.9	46.6	No
34		2021-09-14	13:33:08	54.1	79.5	58.2	49.6	No
35		2021-09-14	13:33:18	47.2	78.8	51.5	43.0	No
36		2021-09-14	13:33:28	50.6	78.7	53.2	48.4	No
37		2021-09-14	13:33:38	59.7	87.7	63.3	46.7	No
38		2021-09-14	13:33:48	56.5	81.1	62.4	48.4	No
39		2021-09-14	13:33:58	64.3	92.8	71.0	47.2	No
40		2021-09-14	13:34:08	62.6	93.0	71.1	52.4	No
41		2021-09-14	13:34:18	46.6	82.6	53.1	44.2	No
42		2021-09-14	13:34:28	51.4	82.5	55.8	44.4	No
43		2021-09-14	13:34:38	48.8	84.5	50.7	46.6	No
44		2021-09-14	13:34:48	44.2	77.2	50.2	43.1	No
45		2021-09-14	13:34:58	53.8	90.5	57.8	43.7	No
46		2021-09-14	13:35:08	60.9	92.0	63.7	55.3	No
47		2021-09-14	13:35:18	59.3	87.2	61.3	54.6	No
48		2021-09-14	13:35:28	52.8	85.4	58.6	49.0	No
49		2021-09-14	13:35:38	53.8	78.8	57.7	47.8	No
50		2021-09-14	13:35:48	54.1	80.7	59.3	47.4	No
51		2021-09-14	13:35:58	48.4	75.6	51.5	44.9	No
52		2021-09-14	13:36:08	57.8	85.9	60.2	51.5	No
53		2021-09-14	13:36:18	56.2	83.8	60.1	50.7	No
54		2021-09-14	13:36:28	52.9	79.8	56.5	48.8	No
55		2021-09-14	13:36:38	59.9	83.2	64.7	48.3	No
56		2021-09-14	13:36:48	54.6	83.9	59.3	53.4	No
57		2021-09-14	13:36:58	59.7	81.5	63.1	51.8	No

58		2021-09-14	13:37:08	46.2	91.6	51.8	43.3	No
59		2021-09-14	13:37:18	49.3	77.7	52.7	43.1	No
60		2021-09-14	13:37:28	49.5	74.8	53.0	46.0	No
61		2021-09-14	13:37:38	60.3	84.2	65.7	45.4	No
62		2021-09-14	13:37:48	48.0	76.8	54.3	44.0	No
63		2021-09-14	13:37:58	49.3	75.3	53.4	45.8	No
64		2021-09-14	13:38:08	57.6	82.0	59.3	53.4	No
65		2021-09-14	13:38:18	56.9	80.6	60.2	54.1	No
66		2021-09-14	13:38:28	58.2	84.4	61.1	54.7	No
67		2021-09-14	13:38:38	51.1	86.8	57.4	49.2	No
68		2021-09-14	13:38:48	52.9	79.8	57.8	47.4	No
69		2021-09-14	13:38:58	45.7	84.7	52.9	42.6	No
70		2021-09-14	13:39:08	42.7	79.7	43.3	42.1	No
71		2021-09-14	13:39:18	47.3	74.8	52.7	42.9	No
72		2021-09-14	13:39:28	47.4	81.3	52.6	42.5	No
73		2021-09-14	13:39:38	44.4	76.4	48.7	44.1	No
74		2021-09-14	13:39:48	48.5	83.4	53.3	44.2	No
75		2021-09-14	13:39:58	56.0	88.3	61.7	45.6	No
76		2021-09-14	13:40:08	61.6	84.3	66.1	53.2	No
77		2021-09-14	13:40:18	58.0	78.4	61.5	50.9	No
78		2021-09-14	13:40:28	59.3	84.3	61.5	55.1	No
79		2021-09-14	13:40:38	50.5	83.1	58.7	46.3	No
80		2021-09-14	13:40:48	53.2	82.1	57.4	45.0	No
81		2021-09-14	13:40:58	54.1	82.8	55.8	52.7	No
82		2021-09-14	13:41:08	55.7	83.4	59.9	52.3	No
83		2021-09-14	13:41:18	63.1	88.4	64.9	59.9	No
84		2021-09-14	13:41:28	57.3	87.9	61.1	50.2	No
85		2021-09-14	13:41:38	49.7	88.6	54.7	47.3	No
86		2021-09-14	13:41:48	61.6	88.7	67.6	45.4	No
87		2021-09-14	13:41:58	52.2	82.4	66.9	47.0	No
88		2021-09-14	13:42:08	59.5	83.9	64.6	47.0	No
89		2021-09-14	13:42:18	54.7	83.0	58.3	49.7	No
90		2021-09-14	13:42:28	49.4	76.1	52.2	46.8	No
91		2021-09-14	13:42:38	45.2	79.8	48.9	42.2	No
92		2021-09-14	13:42:48	50.5	79.9	55.7	42.4	No
93		2021-09-14	13:42:58	54.9	74.9	54.4	51.5	No
94	Stop	2021-09-14	13:42:59					

ST-2 Time History

Record #	Record Type	Date	Time	LAeq	LZpeak	LASmax	LASmin	OVLD
1	Run	2021-09-14	12:43:47					
2		2021-09-14	12:43:48	55.9	80.8	57.6	52.9	No
3		2021-09-14	12:43:58	60.2	84.4	63.3	54.8	No
4		2021-09-14	12:44:08	64.5	87.0	66.3	60.9	No
5		2021-09-14	12:44:18	62.2	86.6	65.4	59.0	No
6		2021-09-14	12:44:28	59.0	85.2	59.6	58.1	No
7		2021-09-14	12:44:38	66.0	89.5	71.3	58.2	No
8		2021-09-14	12:44:48	53.9	83.4	60.0	50.4	No
9		2021-09-14	12:44:58	64.9	87.5	70.6	50.6	No
10		2021-09-14	12:45:08	57.4	83.3	67.0	57.2	No
11		2021-09-14	12:45:18	56.0	83.7	58.4	51.9	No
12		2021-09-14	12:45:28	50.7	81.6	51.9	49.7	No
13		2021-09-14	12:45:38	53.2	83.6	55.3	49.9	No
14		2021-09-14	12:45:48	53.7	83.5	55.9	51.1	No
15		2021-09-14	12:45:58	61.8	89.0	69.3	54.6	No
16		2021-09-14	12:46:08	67.7	88.7	72.9	57.1	No
17		2021-09-14	12:46:18	65.1	87.5	70.8	54.7	No
18		2021-09-14	12:46:28	66.3	90.2	69.7	56.7	No
19		2021-09-14	12:46:38	49.5	82.3	56.7	48.8	No
20		2021-09-14	12:46:48	51.8	81.8	54.7	49.4	No
21		2021-09-14	12:46:58	53.8	80.5	55.7	51.6	No
22		2021-09-14	12:47:08	58.1	87.6	63.8	50.4	No
23		2021-09-14	12:47:18	70.8	94.1	77.0	60.1	No
24		2021-09-14	12:47:28	63.8	87.7	76.6	61.2	No
25		2021-09-14	12:47:38	64.9	94.8	69.1	58.4	No
26		2021-09-14	12:47:48	66.8	86.6	70.2	58.7	No
27		2021-09-14	12:47:58	55.3	83.3	62.2	54.0	No
28		2021-09-14	12:48:08	66.2	87.0	69.4	56.2	No
29		2021-09-14	12:48:18	65.0	96.3	72.0	59.0	No
30		2021-09-14	12:48:28	70.5	99.3	73.7	65.2	No
31		2021-09-14	12:48:38	60.7	86.1	69.9	51.0	No
32		2021-09-14	12:48:48	49.4	82.3	51.6	47.9	No
33		2021-09-14	12:48:58	52.8	90.8	57.8	47.8	No
34		2021-09-14	12:49:08	48.4	77.8	49.2	47.6	No
35		2021-09-14	12:49:18	56.9	82.1	59.2	49.2	No
36		2021-09-14	12:49:28	60.0	86.0	65.0	52.3	No
37		2021-09-14	12:49:38	64.9	87.2	70.2	52.7	No
38		2021-09-14	12:49:48	50.1	82.4	58.5	47.3	No
39		2021-09-14	12:49:58	55.2	79.2	59.6	47.9	No
40		2021-09-14	12:50:08	56.9	85.9	59.4	53.4	No
41		2021-09-14	12:50:18	50.4	79.9	57.7	47.5	No
42		2021-09-14	12:50:28	49.4	77.7	52.0	48.3	No
43		2021-09-14	12:50:38	48.4	77.2	50.1	47.2	No
44		2021-09-14	12:50:48	67.3	89.5	71.4	47.6	No
45		2021-09-14	12:50:58	62.6	84.6	67.8	55.6	No
46		2021-09-14	12:51:08	63.2	86.4	68.9	58.7	No
47		2021-09-14	12:51:18	64.2	85.6	69.3	59.7	No
48		2021-09-14	12:51:28	58.9	84.0	61.3	57.0	No
49		2021-09-14	12:51:38	54.5	85.2	57.1	52.8	No
50		2021-09-14	12:51:48	68.7	100.4	74.8	54.8	No
51		2021-09-14	12:51:58	59.4	88.4	71.5	56.4	No
52		2021-09-14	12:52:08	64.7	89.6	70.6	56.4	No
53		2021-09-14	12:52:18	68.6	100.1	72.8	62.4	No
54		2021-09-14	12:52:28	67.7	99.8	73.8	53.6	No
55		2021-09-14	12:52:38	50.5	84.3	53.6	49.4	No
56		2021-09-14	12:52:48	54.1	81.2	58.0	49.5	No
57		2021-09-14	12:52:58	64.6	91.6	69.4	58.0	No

58		2021-09-14	12:53:08	55.1	84.9	62.7	49.2	No
59		2021-09-14	12:53:18	54.2	82.8	56.1	49.2	No
60		2021-09-14	12:53:28	50.9	84.0	53.9	48.9	No
61		2021-09-14	12:53:38	49.2	81.5	50.4	48.3	No
62		2021-09-14	12:53:48	52.1	85.9	54.5	48.4	No
63		2021-09-14	12:53:58	58.4	83.5	63.8	50.2	No
64		2021-09-14	12:54:08	47.9	78.6	50.3	46.9	No
65		2021-09-14	12:54:18	56.5	80.4	60.7	47.8	No
66		2021-09-14	12:54:28	50.1	76.0	55.0	48.2	No
67		2021-09-14	12:54:38	64.0	87.5	70.0	51.7	No
68		2021-09-14	12:54:48	61.4	85.6	66.8	51.2	No
69		2021-09-14	12:54:58	50.7	80.6	55.3	47.6	No
70		2021-09-14	12:55:08	53.6	80.0	57.7	48.8	No
71		2021-09-14	12:55:18	68.3	90.9	74.1	57.8	No
72		2021-09-14	12:55:28	54.2	78.8	64.4	47.9	No
73		2021-09-14	12:55:38	46.9	80.2	50.9	46.3	No
74		2021-09-14	12:55:48	48.3	83.6	50.4	46.2	No
75		2021-09-14	12:55:58	64.0	86.9	69.9	50.4	No
76		2021-09-14	12:56:08	50.7	79.3	62.5	48.8	No
77		2021-09-14	12:56:18	48.8	79.2	50.6	47.7	No
78		2021-09-14	12:56:28	62.9	88.6	68.9	50.6	No
79		2021-09-14	12:56:38	49.4	79.8	57.5	48.2	No
80		2021-09-14	12:56:48	63.1	87.0	69.2	50.3	No
81		2021-09-14	12:56:58	63.5	87.2	69.9	57.1	No
82		2021-09-14	12:57:08	67.1	91.5	69.9	60.5	No
83		2021-09-14	12:57:18	64.2	85.8	70.3	56.8	No
84		2021-09-14	12:57:28	63.9	85.1	69.7	56.8	No
85		2021-09-14	12:57:38	54.5	82.4	60.4	49.5	No
86		2021-09-14	12:57:48	52.5	77.3	56.6	49.5	No
87		2021-09-14	12:57:58	65.0	85.0	69.3	56.6	No
88		2021-09-14	12:58:08	52.0	79.6	58.4	47.9	No
89		2021-09-14	12:58:18	52.8	76.4	54.5	47.8	No
90		2021-09-14	12:58:28	64.8	86.9	71.1	52.2	No
91		2021-09-14	12:58:38	62.5	83.8	68.2	52.6	No
92		2021-09-14	12:58:48	60.4	81.2	65.7	64.9	No
93	Stop	2021-09-14	12:58:49					

ST-3 Time History

Record #	Record Type	Date	Time	LAeq	LZpeak	LASmax	LASmin	OVLD
1	Run	2021-09-14	14:22:00					
2		2021-09-14	14:22:00	53.5	85.9	57.7	49.5	No
3		2021-09-14	14:22:10	48.1	79.6	51.2	47.3	No
4		2021-09-14	14:22:20	47.2	76.9	48.5	46.4	No
5		2021-09-14	14:22:30	45.9	77.9	46.5	45.1	No
6		2021-09-14	14:22:40	46.1	76.7	47.3	45.3	No
7		2021-09-14	14:22:50	46.3	78.0	47.5	45.5	No
8		2021-09-14	14:23:00	50.0	85.2	54.3	46.6	No
9		2021-09-14	14:23:10	48.8	79.9	53.4	46.9	No
10		2021-09-14	14:23:20	49.8	84.1	51.0	48.2	No
11		2021-09-14	14:23:30	53.0	84.0	55.9	51.0	No
12		2021-09-14	14:23:40	53.2	90.2	55.9	50.9	No
13		2021-09-14	14:23:50	49.9	88.9	50.9	48.8	No
14		2021-09-14	14:24:00	47.8	92.6	50.8	46.6	No
15		2021-09-14	14:24:10	47.0	83.0	48.0	45.7	No
16		2021-09-14	14:24:20	49.1	79.9	50.9	46.8	No
17		2021-09-14	14:24:30	50.4	81.0	52.3	48.2	No
18		2021-09-14	14:24:40	46.3	75.2	48.2	45.1	No
19		2021-09-14	14:24:50	46.7	84.6	48.0	45.6	No
20		2021-09-14	14:25:00	46.6	77.6	48.0	44.8	No
21		2021-09-14	14:25:10	54.5	78.0	56.4	48.0	No
22		2021-09-14	14:25:20	54.4	89.6	55.5	53.3	No
23		2021-09-14	14:25:30	52.9	85.1	54.1	51.9	No
24		2021-09-14	14:25:40	58.9	82.4	61.3	53.4	No
25		2021-09-14	14:25:50	55.2	80.3	59.8	53.0	No
26		2021-09-14	14:26:00	49.6	89.1	53.8	47.6	No
27		2021-09-14	14:26:10	49.2	89.4	51.1	47.1	No
28		2021-09-14	14:26:20	49.6	82.1	52.0	47.6	No
29		2021-09-14	14:26:30	48.6	80.5	50.1	47.4	No
30		2021-09-14	14:26:40	48.7	81.6	50.5	47.4	No
31		2021-09-14	14:26:50	51.4	87.2	54.4	49.5	No
32		2021-09-14	14:27:00	47.9	82.6	49.9	47.2	No
33		2021-09-14	14:27:10	47.5	75.4	48.7	45.9	No
34		2021-09-14	14:27:20	50.2	80.3	55.0	45.6	No
35		2021-09-14	14:27:30	47.3	76.4	52.9	46.9	No
36		2021-09-14	14:27:40	47.4	77.5	48.1	46.8	No
37		2021-09-14	14:27:50	47.9	87.1	49.3	46.8	No
38		2021-09-14	14:28:00	49.6	86.9	50.6	48.4	No
39		2021-09-14	14:28:10	48.7	81.6	49.9	48.5	No
40		2021-09-14	14:28:20	49.9	81.0	50.5	48.8	No
41		2021-09-14	14:28:30	48.6	91.6	50.3	47.7	No
42		2021-09-14	14:28:40	49.2	91.6	50.5	47.6	No
43		2021-09-14	14:28:50	50.7	83.2	52.1	49.0	No
44		2021-09-14	14:29:00	49.8	90.7	52.0	48.2	No
45		2021-09-14	14:29:10	49.8	89.9	50.9	48.9	No
46		2021-09-14	14:29:20	50.2	85.4	51.3	49.4	No
47		2021-09-14	14:29:30	50.8	89.9	51.3	50.3	No
48		2021-09-14	14:29:40	52.8	90.4	54.8	50.3	No
49		2021-09-14	14:29:50	52.3	81.2	54.5	50.3	No
50		2021-09-14	14:30:00	57.5	85.6	59.3	54.2	No
51		2021-09-14	14:30:10	59.1	89.7	61.2	57.6	No
52		2021-09-14	14:30:20	53.1	81.1	57.7	50.4	No
53		2021-09-14	14:30:30	51.1	81.7	52.1	50.5	No
54		2021-09-14	14:30:40	51.3	88.1	52.0	50.5	No
55		2021-09-14	14:30:50	49.2	93.0	51.5	47.2	No
56		2021-09-14	14:31:00	48.5	86.3	50.1	46.8	No
57		2021-09-14	14:31:10	50.6	82.2	52.0	49.7	No

58		2021-09-14	14:31:20	53.4	80.1	56.5	49.3	No
59		2021-09-14	14:31:30	57.1	79.8	59.8	53.8	No
60		2021-09-14	14:31:40	57.8	80.1	62.8	51.5	No
61		2021-09-14	14:31:50	52.3	81.6	54.3	50.7	No
62		2021-09-14	14:32:00	52.1	78.8	56.0	49.5	No
63		2021-09-14	14:32:10	49.7	81.7	52.6	48.4	No
64		2021-09-14	14:32:20	47.5	82.1	48.5	46.5	No
65		2021-09-14	14:32:30	47.1	78.6	48.1	46.2	No
66		2021-09-14	14:32:40	47.5	78.6	48.1	47.0	No
67		2021-09-14	14:32:50	46.7	82.8	47.5	46.2	No
68		2021-09-14	14:33:00	51.5	88.8	53.3	46.6	No
69		2021-09-14	14:33:10	55.3	86.0	57.3	53.1	No
70		2021-09-14	14:33:20	55.0	82.7	56.2	53.4	No
71		2021-09-14	14:33:30	52.8	80.7	54.9	50.9	No
72		2021-09-14	14:33:40	48.8	79.0	51.4	47.5	No
73		2021-09-14	14:33:50	49.3	78.9	51.5	47.5	No
74		2021-09-14	14:34:00	51.8	84.6	53.0	50.1	No
75		2021-09-14	14:34:10	48.5	76.8	50.6	48.1	No
76		2021-09-14	14:34:20	49.0	86.6	50.6	47.8	No
77		2021-09-14	14:34:30	53.2	80.0	53.9	50.7	No
78		2021-09-14	14:34:40	52.3	78.7	53.2	51.5	No
79		2021-09-14	14:34:50	51.4	80.9	53.6	49.6	No
80		2021-09-14	14:35:00	51.7	82.0	55.3	47.0	No
81		2021-09-14	14:35:10	46.8	76.6	47.4	46.0	No
82		2021-09-14	14:35:20	48.7	77.8	50.5	47.2	No
83		2021-09-14	14:35:30	50.4	80.0	51.2	48.7	No
84		2021-09-14	14:35:40	50.9	88.3	52.2	50.0	No
85		2021-09-14	14:35:50	54.2	90.2	55.2	52.2	No
86		2021-09-14	14:36:00	51.9	85.1	53.6	50.2	No
87		2021-09-14	14:36:10	49.7	77.4	50.8	48.4	No
88		2021-09-14	14:36:20	48.1	80.7	50.5	47.6	No
89		2021-09-14	14:36:30	47.9	87.7	49.4	46.8	No
90		2021-09-14	14:36:40	50.7	87.9	51.3	49.4	No
91		2021-09-14	14:36:50	50.7	91.9	52.1	49.9	No
92		2021-09-14	14:37:00	49.8	81.3	49.9	49.8	No
93	Stop	2021-09-14	14:37:01					

Record #	Record Type	Date	Time	LAeq	LZpeak	LASmax	LASmin	OVLD	Sounds Energy	Calculated Total Leq
1	Calibration Change	2021-09-16	14:01:40							
2	Run	2021-09-16	14:08:00							
3		2021-09-16	14:08:00	56.5	82.5	61.7	53.4	No	451199.9	52.667
4		2021-09-16	14:08:10	53.7	82.5	57.6	49.2	No	237127.0	
5		2021-09-16	14:08:20	48.6	80.4	49.9	47.5	No	72987.2	
6		2021-09-16	14:08:30	50.7	80.6	52.2	47.6	No	116365.7	
7		2021-09-16	14:08:40	53.4	86.7	57.0	49.8	No	219243.1	
8		2021-09-16	14:08:50	48.9	79.5	54.5	43.3	No	77779.7	
9		2021-09-16	14:09:00	45.1	75.2	47.9	42.5	No	32126.2	
10		2021-09-16	14:09:10	52.4	80.2	55.6	47.9	No	174798.2	
11		2021-09-16	14:09:20	58.6	83.5	61.7	53.4	No	725457.5	
12		2021-09-16	14:09:30	77.8	106.3	83.5	61.7	No	60938533.7	
13		2021-09-16	14:09:40	60.7	91.5	72.1	54.8	No	1175817.7	
14		2021-09-16	14:09:50	46.7	76.4	56.4	45.1	No	46969.1	
15		2021-09-16	14:10:00	47.5	79.0	50.2	44.3	No	55899.5	
16		2021-09-16	14:10:10	49.8	80.9	54.2	43.3	No	96397.1	
17		2021-09-16	14:10:20	53.5	92.4	61.4	44.5	No	222275.2	
18		2021-09-16	14:10:30	54.2	82.0	60.1	46.5	No	260216.0	
19		2021-09-16	14:10:40	58.6	94.0	62.6	52.9	No	732278.0	
20		2021-09-16	14:10:50	52.2	79.8	53.3	50.7	No	166621.9	
21		2021-09-16	14:11:00	53.5	82.4	56.7	50.6	No	221771.1	
22		2021-09-16	14:11:10	50.6	78.1	52.6	49.4	No	115456.4	
23		2021-09-16	14:11:20	48.8	82.0	52.1	46.5	No	76351.6	
24		2021-09-16	14:11:30	46.1	85.3	46.8	45.3	No	41007.5	
25		2021-09-16	14:11:40	45.4	80.8	47.3	44.2	No	34502.1	
26		2021-09-16	14:11:50	43.3	76.7	44.2	42.5	No	21227.2	
27		2021-09-16	14:12:00	44.7	76.9	46.9	42.5	No	29370.3	
28		2021-09-16	14:12:10	51.9	85.0	54.8	46.9	No	156165.8	
29		2021-09-16	14:12:20	45.7	83.8	48.7	43.4	No	37572.6	
30		2021-09-16	14:12:30	43.4	79.5	44.2	42.8	No	21956.1	
31		2021-09-16	14:12:40	45.3	76.0	46.5	43.9	No	34100.0	
32		2021-09-16	14:12:50	46.1	80.9	49.2	43.7	No	41063.9	
33		2021-09-16	14:13:00	43.5	78.8	44.1	43.1	No	22449.1	
34		2021-09-16	14:13:10	43.4	75.3	44.2	42.6	No	21690.8	
35		2021-09-16	14:13:20	43.5	81.4	44.1	42.9	No	22632.8	
36		2021-09-16	14:13:30	43.5	78.3	45.0	42.4	No	22552.4	
37		2021-09-16	14:13:40	49.0	85.0	52.3	42.5	No	79170.2	
38		2021-09-16	14:13:50	58.7	88.5	62.9	50.1	No	748710.6	
39		2021-09-16	14:14:00	53.0	79.4	57.7	49.6	No	199162.7	
40		2021-09-16	14:14:10	52.9	84.1	56.7	47.5	No	195020.8	
41		2021-09-16	14:14:20	54.6	85.4	58.1	51.5	No	288214.6	
42		2021-09-16	14:14:30	45.9	76.9	51.5	44.4	No	38758.9	
43		2021-09-16	14:14:40	44.3	73.8	46.0	43.4	No	27121.3	
44		2021-09-16	14:14:50	42.9	74.7	44.2	42.5	No	19609.6	
45		2021-09-16	14:15:00	43.5	78.5	44.4	42.8	No	22509.6	
46		2021-09-16	14:15:10	44.6	81.1	45.3	42.9	No	28631.5	
47		2021-09-16	14:15:20	43.7	73.7	45.2	42.8	No	23679.5	
48		2021-09-16	14:15:30	43.1	74.9	43.5	42.5	No	20188.3	
49		2021-09-16	14:15:40	45.8	77.9	47.8	42.9	No	37695.1	
50		2021-09-16	14:15:50	49.7	77.1	52.7	46.5	No	92508.4	
51		2021-09-16	14:16:00	50.7	75.5	54.5	47.7	No	117251.7	
52		2021-09-16	14:16:10	52.2	79.2	54.1	49.3	No	166979.8	
53		2021-09-16	14:16:20	50.1	78.8	52.4	48.2	No	103201.7	
54		2021-09-16	14:16:30	46.6	79.7	51.3	44.0	No	46215.9	
55		2021-09-16	14:16:40	48.0	77.9	50.5	44.0	No	62754.5	
56		2021-09-16	14:16:50	56.5	82.7	61.7	47.8	No	450114.5	
57		2021-09-16	14:17:00	52.5	80.9	61.7	45.6	No	179589.5	
58		2021-09-16	14:17:10	44.1	77.0	45.6	43.5	No	25642.4	
59		2021-09-16	14:17:20	43.4	74.2	44.1	43.0	No	21896.7	
60		2021-09-16	14:17:30	44.2	80.0	45.4	43.0	No	26558.3	
61		2021-09-16	14:17:40	43.6	82.4	44.4	43.4	No	23096.2	
62		2021-09-16	14:17:50	43.9	80.8	44.6	43.2	No	24729.3	
63		2021-09-16	14:18:00	44.3	81.2	47.7	43.3	No	26810.3	
64		2021-09-16	14:18:10	45.5	80.7	47.3	43.3	No	35374.2	
65		2021-09-16	14:18:20	61.5	91.2	66.1	46.3	No	1407236.2	
66		2021-09-16	14:18:30	65.8	93.1	69.6	57.3	No	3794075.8	
67		2021-09-16	14:18:40	49.6	77.9	57.2	47.8	No	91939.9	
68		2021-09-16	14:18:50	46.1	77.5	51.1	44.7	No	40274.1	
69		2021-09-16	14:19:00	44.2	81.0	45.2	43.7	No	26515.8	
70		2021-09-16	14:19:10	45.4	85.7	46.1	44.9	No	35009.5	
71		2021-09-16	14:19:20	45.9	83.0	49.1	44.5	No	38697.2	
72		2021-09-16	14:19:30	45.0	83.1	45.7	44.4	No	31832.2	
73		2021-09-16	14:19:40	45.2	80.5	46.4	44.5	No	33323.4	
74		2021-09-16	14:19:50	45.2	79.9	45.7	44.7	No	33116.7	
75		2021-09-16	14:20:00	45.9	76.5	46.4	45.2	No	38824.9	
76		2021-09-16	14:20:10	45.7	80.2	46.4	45.1	No	37165.1	
77		2021-09-16	14:20:20	45.3	76.5	46.3	44.9	No	33706.0	
78		2021-09-16	14:20:30	45.7	77.5	46.4	45.0	No	37415.6	
79		2021-09-16	14:20:40	51.9	77.6	55.5	45.2	No	155651.7	
80		2021-09-16	14:20:50	49.7	79.7	55.5	44.6	No	94363.9	
81		2021-09-16	14:21:00	49.6	96.5	56.4	43.9	No	91799.0	
82		2021-09-16	14:21:10	44.1	78.3	45.1	43.8	No	25777.0	
83		2021-09-16	14:21:20	43.6	78.4	44.3	43.1	No	22659.8	
84		2021-09-16	14:21:30	43.6	83.9	44.0	43.2	No	22845.1	

This time period included a large moving truck which passed by and is removed from the calcualted average noise level (Leq)

85		2021-09-16	14:21:40	44.5	77.8	45.9	43.8	No	28389.6
86		2021-09-16	14:21:50	44.7	77.9	45.4	44.3	No	29600.2
87		2021-09-16	14:22:00	44.4	77.1	44.8	44.0	No	27843.5
88		2021-09-16	14:22:10	45.7	74.1	47.0	44.3	No	36936.4
89		2021-09-16	14:22:20	46.3	74.8	48.3	45.1	No	42320.5
90		2021-09-16	14:22:30	45.2	75.9	45.9	44.8	No	32958.6
91		2021-09-16	14:22:40	53.9	91.9	59.2	45.1	No	243938.9
92		2021-09-16	14:22:50	60.7	90.8	66.2	50.7	No	1183924.5
93		2021-09-16	14:23:00	49.2	72.9	50.7	50.0	No	82557.2
94	Stop	2021-09-16	14:23:01						

Noise Appendix

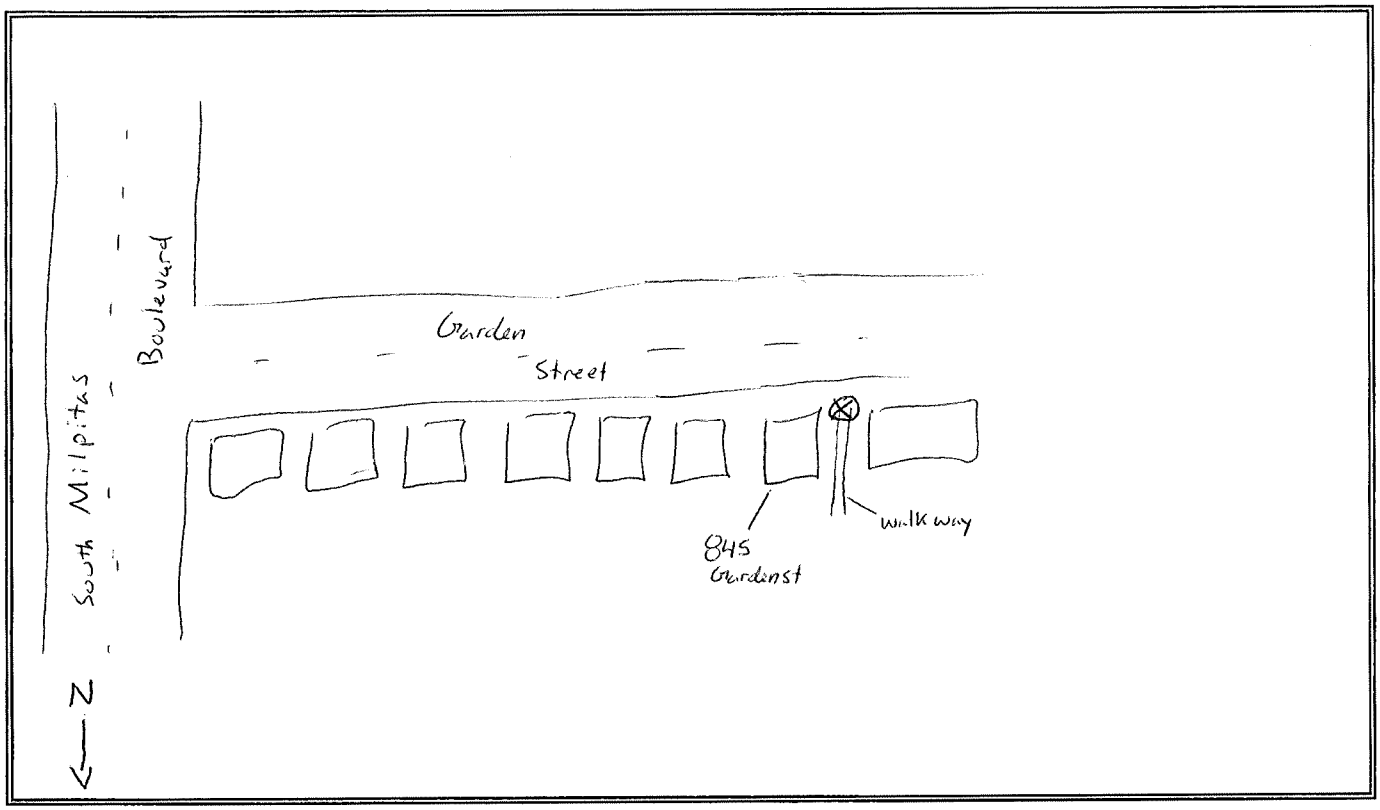
Field Sheets

NOISE MEASUREMENT SITE INFORMATION SHEET

Jones & Stokes

PROJECT NAME: Milpitas TASP
PROJECT #:
SITE NUMBER: ST-1
DATE/TIME: 1:29 2021 09 14
LOCATION/ADDRESS: 845 Garden Street
ENGINEERS: Schumaker

SITE SKETCH: Show microphone location, nearby residences/buildings, potential reflective surfaces, project roadways, local roadways, driveways, ground type, trees. Indicate reference distances between objects, arrows showing wind direction, North, and camera locations/directions. Describe the line-of-sight and topography/elevation changes relative to noise sources.



WEATHER DATA: (temperature, wind speed/direction, sky conditions, relative humidity)

88.7° F | 0.9 mph | Blue Skies and Sunny

EQUIPMENT DATA: (sound level meter, microphone, preamp, calibrator, factory cal. date)

LXT

ESTIMATED CONSTRUCTION DATE OF RESIDENCES: (Pre-1978, or new construction)

POSTED SPEED: 25 mph COMMENTS:

TRAFFIC COUNTS:

Roadway/Direction	Autos	Medium	Heavy	Speed	Start Time	Duration

NOISE MEASUREMENT LOG SHEET (20)

Jones & Stokes

PROJECT NAME: Milpitas TASP
PROJECT #:
SITE NUMBER: ST-1
DATE/TIME: 1:29 2021 09 14
LOCATION/ADDRESS: 845 Garden St.
ENGINEERS: Schumaker

#	Minute Starting	Measured Leq (dBA)	O or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources/Comments (include SLM equipment, Calibration Data)
1	1:29						
2	1:30						
3	1:31						
4	1:32						ups truck bay-door closed
5	1:33						
6	1:34						ups truck passes by
7	1:35						
8	1:36						
9	1:37						
10	1:38						Plane fly by
11	1:39						
12	1:40						
13	1:41						
14	1:42						
15	1:43						
16							LXT_Data.019
17							constant traffic on Milpitas Ave
18							Like traffic on Garden St.
19							
20							

Leq	56.2
Lmax	71.1
Lmin	40.4
L10	60.4
L33	54.6
L50	51.2
L90	44.5

Overall Leq (Include "O" minutes, Exclude "X" minutes) = _____ **dBA**

Subset Leq (Exclude "O" and "X" minutes) = _____ **dBA**

"O" = other characteristic sources that contributed to the Leq

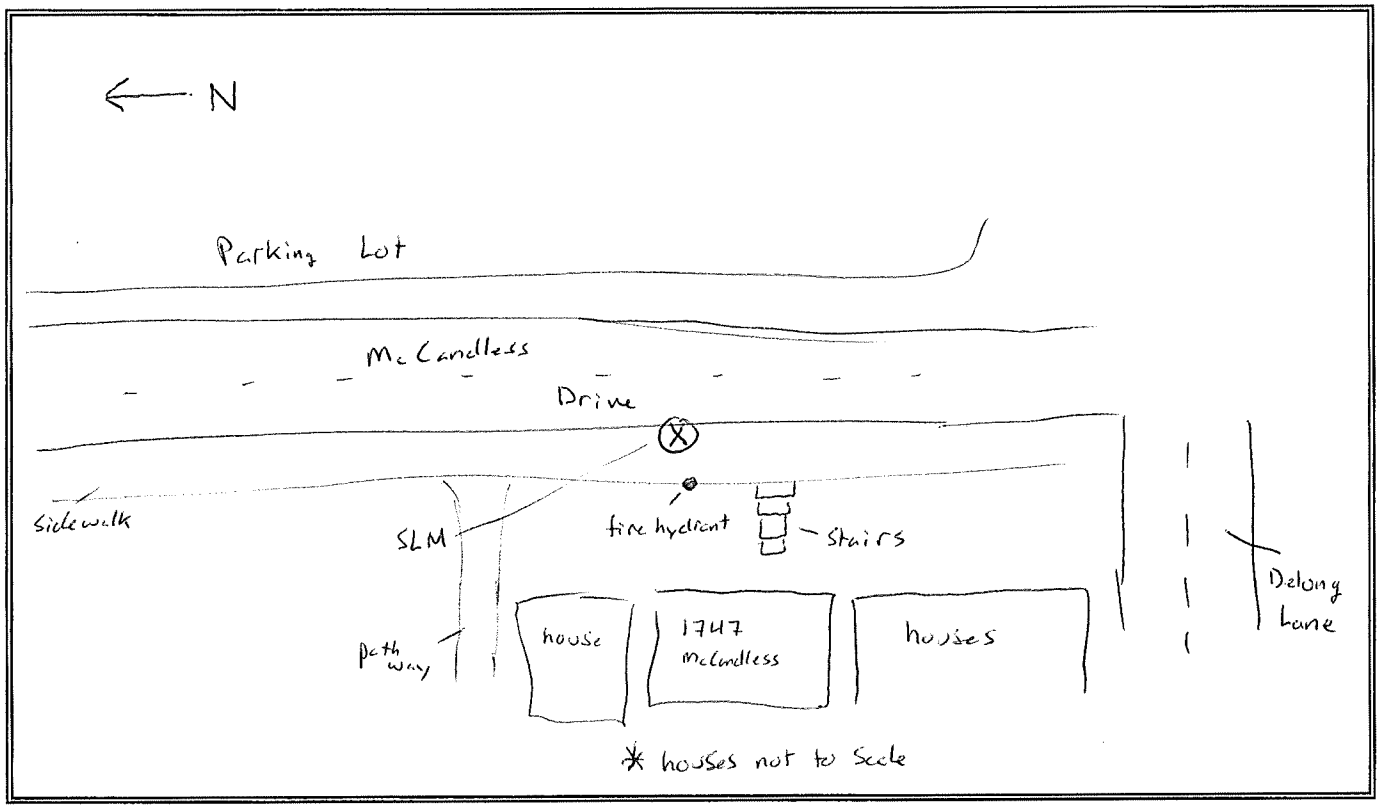
"X" = exclude from Leq calculation; a non-typical source contaminated the measurement

NOISE MEASUREMENT SITE INFORMATION SHEET

Jones & Stokes

PROJECT NAME: Milpitas TASP
PROJECT #:
SITE NUMBER: ST-2
DATE/TIME: 12:43 2021 09 14
LOCATION/ADDRESS: 1747 McCandless Dr.
ENGINEERS: Schumaker

SITE SKETCH: Show microphone location, nearby residences/buildings, potential reflective surfaces, project roadways, local roadways, driveways, ground type, trees. Indicate reference distances between objects, arrows showing wind direction, North, and camera locations/directions. Describe the line-of-sight and topography/elevation changes relative to noise sources.



WEATHER DATA: (temperature, wind speed/direction, sky conditions, relative humidity)

96° F | 0.8 mph | Blue skies and sunny

EQUIPMENT DATA: (sound level meter, microphone, preamp, calibrator, factory cal. date)

LXT

ESTIMATED CONSTRUCTION DATE OF RESIDENCES: (Pre-1978, or new construction)

POSTED SPEED: 25 mph COMMENTS:

TRAFFIC COUNTS:

Roadway/Direction	Autos	Medium	Heavy	Speed	Start Time	Duration

NOISE MEASUREMENT LOG SHEET (20)

Jones & Stokes

PROJECT NAME: Milpitas TASP
PROJECT #:
SITE NUMBER: ST-2
DATE/TIME: 12:43 2021 09 14
LOCATION/ADDRESS: 1747 McCandless Drive
ENGINEERS: Schumacher

#	Minute Starting	Measured Leq (dBA)	O or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources/Comments (include SLM equipment, Calibration Data)
1	12 43						
2	12 44						
3	12 45						
4	12 46						
5	12 47						Loud banging from construction far across McCandless Dr.
6	12 48						
7	12 49						Small Plane fly by
8	12:50						
9	12: 51						
10	12 : 52						back up beeping more construction bang
11	12: 53						
12	12: 54						
13	12: 55						
14	12: 56						Baby crying
15	12: 57						
16							LXT_Data.018
17							nearby home had chatty birds
18							Swells in measurements from cars passing by.
19							
20							

Leq	62.6
Lmax	77.0
Lmin	46.2
L10	67.5
L33	59.4
L50	56.0
L90	48.9

Overall Leq (Include "O" minutes, Exclude "X" minutes) = dBA

Subset Leq (Exclude "O" and "X" minutes) = dBA

"O" = other characteristic sources that contributed to the Leq

"X" = exclude from Leq calculation; a non-typical source contaminated the measurement

NOISE MEASUREMENT SITE INFORMATION SHEET

Jones & Stokes

PROJECT NAME: Milpitas TASP

PROJECT #:

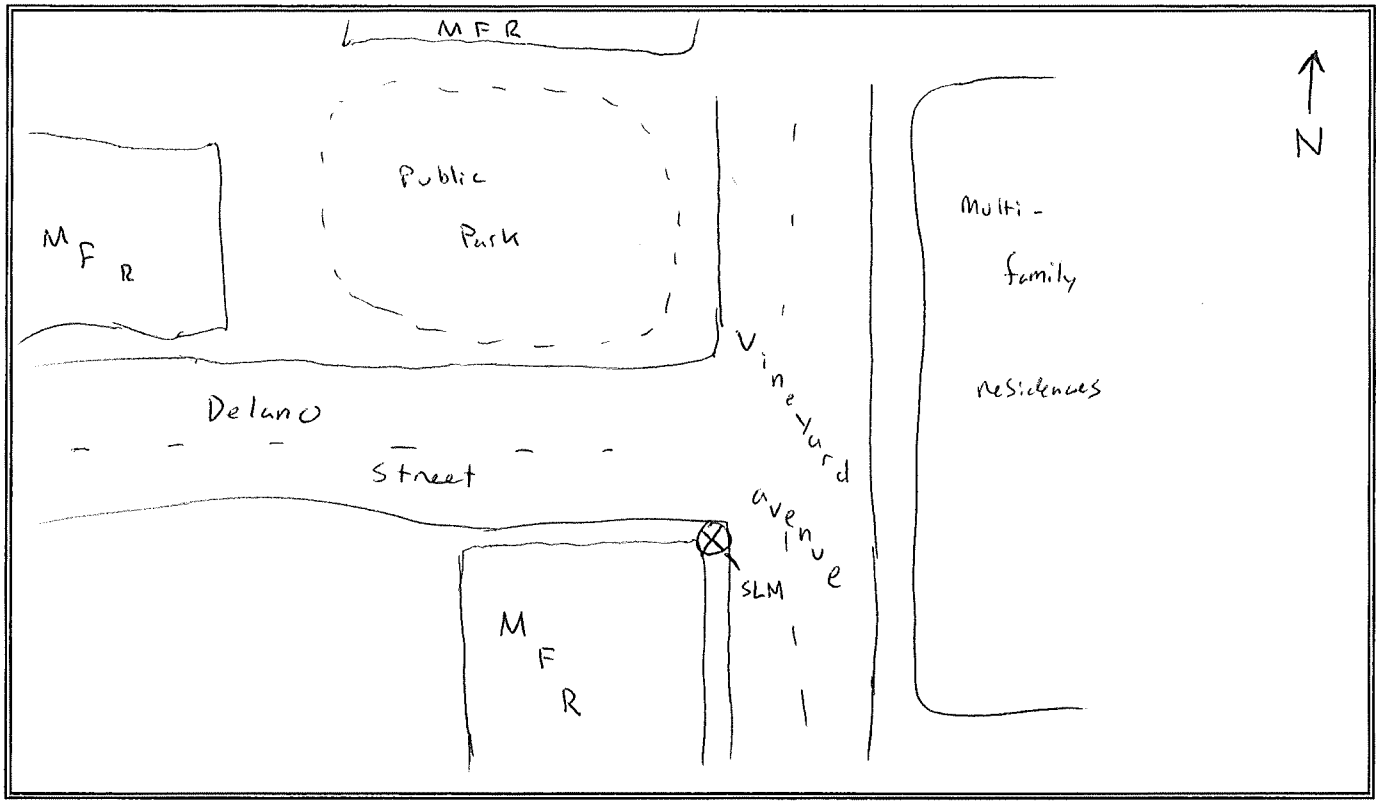
SITE NUMBER: ST-3

DATE/TIME: 2:22 2021 09 14

LOCATION/ADDRESS: 422 vineyard Ave

ENGINEERS: Schumaker

SITE SKETCH: Show microphone location, nearby residences/buildings, potential reflective surfaces, project roadways, local roadways, driveways, ground type, trees. Indicate reference distances between objects, arrows showing wind direction, North, and camera locations/directions. Describe the line-of-sight and topography/elevation changes relative to noise sources.



WEATHER DATA: (temperature, wind speed/direction, sky conditions, relative humidity)

83.4 (weather meter in shade) | 1.6 mph | Blu skies and Sunny

EQUIPMENT DATA: (sound level meter, microphone, preamp, calibrator, factory cal. date)

LXT

ESTIMATED CONSTRUCTION DATE OF RESIDENCES: (Pre-1978, or new construction)

POSTED SPEED: 25 mph COMMENTS:

TRAFFIC COUNTS:

Roadway/Direction	Autos	Medium	Heavy	Speed	Start Time	Duration

NOISE MEASUREMENT LOG SHEET (20)

Jones & Stokes

PROJECT NAME: Milpitas TASP
PROJECT #:
SITE NUMBER: ST-3
DATE/TIME: 2:22 2021 09 14
LOCATION/ADDRESS: 422 vineyard Ave
ENGINEERS: Schumaker

#	Minute Starting	Measured Leq (dBA)	O or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources/Comments (include SLM equipment, Calibration Data)
1	2:22						
2	2:23						
3	2:24						car goes through intersection plane overhead
4	2:25						bird in nearby tree
5	2:26						loud car on Capitol Ave
6	2:27						
7	2:28						
8	2:29						plane fly by car through intersection.
9	2:30						Plane fly by
10	2:31						car through intersection
11	2:32						more cars through intersection.
12	2:33						
13	2:34						plane overhead.
14	2:35						
15	2:36						
16							
17							LXT_Data.021
18							
19							
20							

Leq	51.7
Lmax	62.8
Lmin	44.8
L10	54.6
L33	51.0
L50	48.5
L90	46.9

Overall Leq (Include "O" minutes, Exclude "X" minutes) = _____ **dBA**

Subset Leq (Exclude "O" and "X" minutes) = _____ **dBA**

"O" = other characteristic sources that contributed to the Leq

"X" = exclude from Leq calculation; a non-typical source contaminated the measurement

NOISE MEASUREMENT SITE INFORMATION SHEET

Jones & Stokes

PROJECT NAME: Milpitas TACP

PROJECT #:

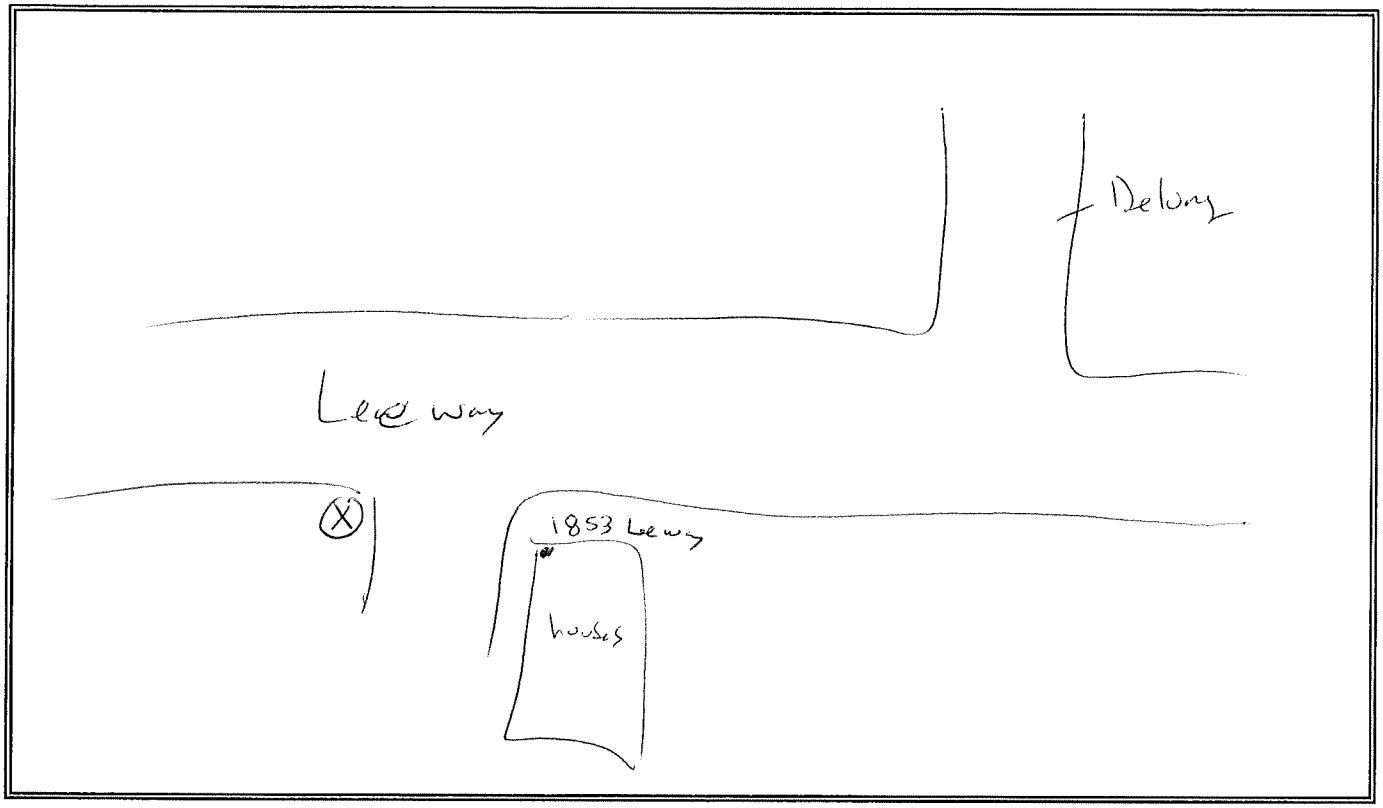
SITE NUMBER: St4

DATE/TIME: 2021 09 16

LOCATION/ADDRESS: Lee Way / Delong

ENGINEERS: Schumake

SITE SKETCH: Show microphone location, nearby residences/buildings, potential reflective surfaces, project roadways, local roadways, driveways, ground type, trees. Indicate reference distances between objects, arrows showing wind direction, North, and camera locations/directions. Describe the line-of-sight and topography/elevation changes relative to noise sources.



WEATHER DATA: (temperature, wind speed/direction, sky conditions, relative humidity)

72.2°F
Cin Shrdd
1.5 mph
Blue and Sunny

EQUIPMENT DATA: (sound level meter, microphone, preamp, calibrator, factory cal. date)

LXT

ESTIMATED CONSTRUCTION DATE OF RESIDENCES: (Pre-1978, or new construction)

POSTED SPEED: _____ COMMENTS:

TRAFFIC COUNTS:

Roadway/Direction	Autos	Medium	Heavy	Speed	Start Time	Duration

NOISE MEASUREMENT LOG SHEET (20)

Jones & Stokes

PROJECT NAME: Milpitas TASP
PROJECT #:
SITE NUMBER: ST 4
DATE/TIME: 2021 09 16 2:08
LOCATION/ADDRESS: across ~~Lundy~~ street from 1900 Lee Way
ENGINEERS: Schumaker

#	Minute Starting	Measured Leq (dBA)	O or X	Autos	Medium Trucks	Heavy Trucks	Other Noise Sources/Comments (include SLM equipment, Calibration Data)
1	2:08						wind chime Plane overhead car pulls into parking
2	2:09						Dogs Big Truck car door shut ~ 200ft away
3	2:10						Plane overhead car door opens car starts
4	2:11						car Passby Plane overhead odd impact sound (far away)
5	2:12						motorcycle high RPM far ○ cars Passby
6	2:13						
7	2:14						Plane overhead
8	2:15						
9	2:16						
10	2:17						Toyota Taco rips thru Lee way
11	2:18						
12	2:19						car pulls past door closes and car lock ○ Lady walks past
13	2:20						
14	21						
15	22						mini van busting
16							
17							LXT_Data.026
18							
19							
20							

Leq	59.4
Lmax	83.5
Lmin	42.4
L10	~~56~~ 56.0
L33	~~56.0~~ 48.9
L50	45.9
L90	43.4

Overall Leq (Include "O" minutes, Exclude "X" minutes) = dBA
Subset Leq (Exclude "O" and "X" minutes) = dBA

remove Big Truck (and?) Taco Ma

"O" = other characteristic sources that contributed to the Leq

"X" = exclude from Leq calculation; a non-typical source contaminated the measurement

Noise Appendix

Field Pictures

Noise Monitoring Site LT-1
Location: North of Century 20 Great Mall and XD, on Great Mall Drive

On Great Mall Drive, looking West, SLM off camera to the right.

On Great Mall Drive, looking Northwest, ~270 feet East of Great Mall Drive/Comet Drive intersection.

On Great Mall Drive, SLM off camera to the left, looking East.

On Great Mall Drive, looking northwest.

Noise Monitoring Site LT-2
Location: Group of trees North of TownePlace Suites by Marriott, on Great Mall Drive

In parking lot off of Great Mall Drive, looking South

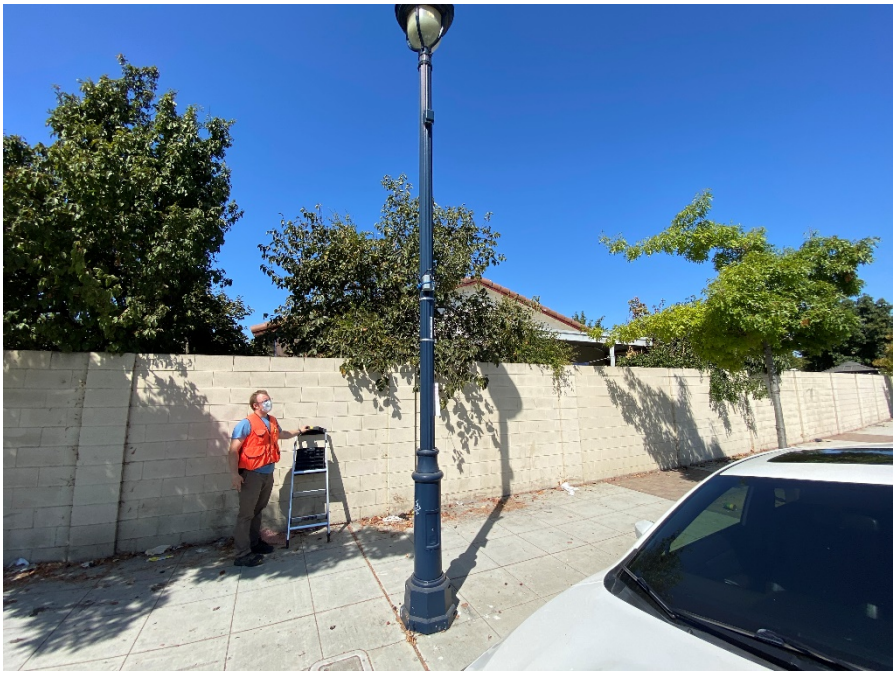
Looking Northeast towards Great Mall Drive, SLM behind camera.

On Great Mall Drive, looking West, ~280 feet northeast of Great Mall Drive/Falcon Drive intersection.

On Great Mall Drive, looking Southeast. TownePlace Suites by Marriott across the Great Mall Drive to the left.

Noise Monitoring Site LT-3
Location: Across the street from 1400 S Main Street

On the southbound side of South Main Street, looking North. SLM behind camera.



Looking West, ~330 feet south of South Abel Street/South Main Street intersection.

Looking south on South Main Street, ~780 feet north of South Main Street/Cedar Way intersection.

Looking North, 1400 South Main Street is across the street to the right of the SLM.

Noise Monitoring Site LT-4
Location: 2141 Muirwood Court

On Muirwood Court, looking northwest. SLM behind camera.

Looking south towards Trimble Road.

Looking west, 2141 Muirwood Court is to the right of the SLM.

Looking south, ~150 feet from Muirwood Court/Trimble Road intersection.

Noise Monitoring Site ST-1
Location: 845 Garden Street

On Garden Street, looking south.

On Garden Street looking east, ~200 feet west of South Milpitas Boulevard.

Looking north, 845 Garden Street on the right of SLM.

Looking west towards Garden Street/Merry Loop intersection.

Noise Monitoring Site ST-1
Location: 845 Garden Street

On Garden Street, looking south.

On Garden Street looking east, ~200 feet west of South Milpitas Boulevard.

Looking north, 845 Garden Street on the right of SLM.

Looking west towards Garden Street/Merry Loop intersection.

Noise Monitoring Site ST-3
Location: 422 Vineyard Ave

Looking north on Vineyard Avenue , ~410 feet south of East Capitol Avenue.

Standing on Vineyard Avenue, looking west to Delano Street.

On Delano Street, looking east towards Vineyard Avenue.

Looking south from the Vineyard Avenue/Delano Street intersection.

Noise Monitoring Site ST-4
Location: Across the Street from 1900 Lee Way

On Lee Way looking south towards DeLong Lane.

Looking west, ~110 feet north of DeLong Lane.

Looking North on Lee Way, 1900 Lee Way is off camera to the right