

APPENDIX F

NOISE MEASUREMENT DATA

Noise Measurement Field Data

Project:	Ford Road - Newport Beach	Job Number:	094698006
Site No.:	1	Date:	12/12/2018
Analyst:	Joshua Cortez	Time:	10:57 AM
Location:	At northwest corner of basketball court		
Noise Sources:	Pickle ball, vehicles in parking lot		
Comments:			

Results (dBA):

	Leq:	Lmin:	Lmax:	Peak:
Site 1:	57.1	50.7	70.1	93.8

Equipment

Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather

Temp. (degrees F):	66°
Wind (mph):	< 5
Sky:	Clear
Bar. Pressure:	30.21"
Humidity:	63%

Photo:



Summary

File Name on Meter	CM0.019
File Name on PC	SLM_0005586_CM0_019.00.ldbin
Serial Number	0005586
Model	SoundExpert® LxT
Firmware Version	2.302
User	Joshua Cortez
Location	Newport Beach
Job Description	Ford Road
Note	

Measurement

Description

Start	2018-12-13 10:57:34
Stop	2018-12-13 11:07:34
Duration	00:10:00.0
Run Time	00:10:00.0
Pause	00:00:00.0

Pre Calibration	2018-12-03 16:15:39
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting	
Peak Weight	Z Weighting	
Detector	Slow	
Preamp	PRMLxT1L	
Microphone Correction	Off	
Integration Method	Linear	
OBA Range	Normal	
OBA Bandwidth	1/1 and 1/3	
OBA Freq. Weighting	Z Weighting	
OBA Max Spectrum	At LMax	
Overload	122.1 dB	
	A	C
Under Range Peak	78.3	75.3
Under Range Limit	27.3	26.0
Noise Floor	16.9	16.9

Results

LAeq	57.1 dB	
LAE	84.9 dB	
EA	34.450 $\mu\text{Pa}^2\text{h}$	
LZpeak (max)	2018-12-13 11:01:44	93.8
LASmax	2018-12-13 11:01:48	70.1
LASmin	2018-12-13 11:01:03	50.7

SEA	-99.9 dB	
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0
LZ _{peak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0
LZ _{peak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0
LZ _{peak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0

Community Noise	Ldn	LDay 07:00-22:00
	57.1	57.1

LC _{eq}	72.1 dB
LA _{eq}	57.1 dB
LC _{eq} - LA _{eq}	15.0 dB
LA _{eq}	61.1 dB
LA _{eq}	57.1 dB
LA _{eq} - LA _{eq}	4.0 dB

A	
dB	Time Stamp
57.1	
70.1	2018/12/13 11:01:48
50.7	2018/12/13 11:01:03

Leq	
LS(max)	
LS(min)	
LPeak(max)	

# Overloads	0
Overload Duration	0.0 s
# OBA Overloads	0
OBA Overload Duration	0.0 s

Statistics

LAS5.00	59.7 dB
LAS10.00	58.5 dB
LAS33.30	56.7 dB
LAS50.00	55.8 dB
LAS66.60	55.1 dB
LAS90.00	53.7 dB

Calibration History

Preamp	Date	dB re. 1V/Pa
PRMLxT1L	2018-12-03 16:15:39	-28.4
PRMLxT1L	2018-12-03 10:57:25	-28.2
PRMLxT1L	2018-12-03 10:54:28	-28.2
PRMLxT1L	2018-11-28 12:17:47	-28.1
PRMLxT1L	2018-11-28 12:17:28	-28.2
PRMLxT1L	2018-11-28 07:59:06	-28.3
PRMLxT1L	2018-11-21 08:32:58	-28.3
PRMLxT1L	2018-11-15 09:17:09	-28.8
PRMLxT1L	2018-11-07 07:58:21	-28.3

Noise Measurement Field Data

Project:	Ford Road - Newport Beach	Job Number:	094698006
Site No.:	2	Date:	12/13/2018
Analyst:	Joshua Cortez	Time:	11:09 AM
Location:	At eastern edge of park, behind nearest resident		
Noise Sources:	Vehicles along Ford Road, tennis, airplanes		
Comments:			

Results (dBA):				
	Leq:	Lmin:	Lmax:	Peak:
Site 2:	57.7	47.4	74.2	95.5

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	66°
Wind (mph):	< 5
Sky:	Clear
Bar. Pressure:	30.21"
Humidity:	63%

Photo:



Summary

File Name on Meter	CM0.020
File Name on PC	SLM_0005586_CM0_020.00.ldbin
Serial Number	0005586
Model	SoundExpert® LxT
Firmware Version	2.302
User	Joshua Cortez
Location	Newport Beach
Job Description	Ford Road
Note	

Measurement

Description

Start	2018-12-13 11:09:47
Stop	2018-12-13 11:19:47
Duration	00:10:00.0
Run Time	00:10:00.0
Pause	00:00:00.0

Pre Calibration	2018-12-03 16:15:39
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting	
Peak Weight	Z Weighting	
Detector	Slow	
Preamp	PRMLxT1L	
Microphone Correction	Off	
Integration Method	Linear	
OBA Range	Normal	
OBA Bandwidth	1/1 and 1/3	
OBA Freq. Weighting	Z Weighting	
OBA Max Spectrum	At LMax	
Overload	122.1 dB	
	A	C
Under Range Peak	78.3	75.3
Under Range Limit	27.3	26.0
Noise Floor	16.9	16.9

Results

LAeq	57.7 dB	
LAE	85.5 dB	
EA	39.490 $\mu\text{Pa}^2\text{h}$	
LZpeak (max)	2018-12-13 11:17:19	95.5
LASmax	2018-12-13 11:19:19	74.2
LASmin	2018-12-13 11:18:05	47.4

SEA	-99.9 dB	
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0
LZ _{peak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0
LZ _{peak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0
LZ _{peak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0

Community Noise	Ldn	LDay 07:00-22:00
	57.7	57.7

LC _{eq}	68.8 dB
LA _{eq}	57.7 dB
LC _{eq} - LA _{eq}	11.0 dB
LA _{eq}	59.2 dB
LA _{eq}	57.7 dB
LA _{eq} - LA _{eq}	1.5 dB

A	
dB	Time Stamp
57.7	
74.2	2018/12/13 11:19:19
47.4	2018/12/13 11:18:05

Leq
LS(max)
LS(min)
LPeak(max)

# Overloads	0
Overload Duration	0.0 s
# OBA Overloads	0
OBA Overload Duration	0.0 s

Statistics	
LAS5.00	64.3 dB
LAS10.00	60.6 dB
LAS33.30	54.3 dB
LAS50.00	52.7 dB
LAS66.60	51.6 dB
LAS90.00	50.2 dB

Calibration History		
Preamp	Date	dB re. 1V/Pa
PRMLxT1L	2018-12-03 16:15:39	-28.4
PRMLxT1L	2018-12-03 10:57:25	-28.2
PRMLxT1L	2018-12-03 10:54:28	-28.2
PRMLxT1L	2018-11-28 12:17:47	-28.1
PRMLxT1L	2018-11-28 12:17:28	-28.2
PRMLxT1L	2018-11-28 07:59:06	-28.3
PRMLxT1L	2018-11-21 08:32:58	-28.3
PRMLxT1L	2018-11-15 09:17:09	-28.8
PRMLxT1L	2018-11-07 07:58:21	-28.3

Noise Measurement Field Data

Project:	Ford Road - Newport Beach	Job Number:	094698006
Site No.:	3	Date:	12/13/2018
Analyst:	Joshua Cortez	Time:	11:30 AM
Location:	Across Bonita Canyon Drive to the north		
Noise Sources:	Bonita Canyon Drive traffic		
Comments:			

Results (dBA):

	Leq:	Lmin:	Lmax:	Peak:
Site 3:	71.4	54.5	89.5	103.5

Equipment

Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather

Temp. (degrees F):	66°
Wind (mph):	< 5
Sky:	Clear
Bar. Pressure:	30.21"
Humidity:	63%

Photo:



Summary

File Name on Meter	CM0.021
File Name on PC	SLM_0005586_CM0_021.00.ldbin
Serial Number	0005586
Model	SoundExpert® LxT
Firmware Version	2.302
User	Joshua Cortez
Location	Newport Beach
Job Description	Ford Road
Note	

Measurement

Description

Start	2018-12-13 11:30:41
Stop	2018-12-13 11:40:41
Duration	00:10:00.0
Run Time	00:10:00.0
Pause	00:00:00.0

Pre Calibration	2018-12-03 16:15:39
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting	
Peak Weight	Z Weighting	
Detector	Slow	
Preamp	PRMLxT1L	
Microphone Correction	Off	
Integration Method	Linear	
OBA Range	Normal	
OBA Bandwidth	1/1 and 1/3	
OBA Freq. Weighting	Z Weighting	
OBA Max Spectrum	At LMax	
Overload	122.1 dB	
	A	C
Under Range Peak	78.3	75.3
Under Range Limit	27.3	26.0
Noise Floor	16.9	16.9

Results

LAeq	71.4 dB	
LAE	99.2 dB	
EA	926.544 $\mu\text{Pa}^2\text{h}$	
LZpeak (max)	2018-12-13 11:31:41	103.5
LASmax	2018-12-13 11:31:42	89.5
LASmin	2018-12-13 11:38:58	54.5

SEA	-99.9 dB	
LAS > 85.0 dB (Exceedance Counts / Duration)	1	3.3
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0
LZ _{peak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0
LZ _{peak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0
LZ _{peak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0

Community Noise	Ldn	LDay 07:00-22:00
	71.4	71.4

LC _{eq}	76.4 dB
LA _{eq}	71.4 dB
LC _{eq} - LA _{eq}	5.0 dB
LA _{eq}	73.2 dB
LA _{eq}	71.4 dB
LA _{eq} - LA _{eq}	1.8 dB

A	
dB	Time Stamp
71.4	
89.5	2018/12/13 11:31:42
54.5	2018/12/13 11:38:58

Leq	
LS(max)	
LS(min)	
LPeak(max)	

# Overloads	0
Overload Duration	0.0 s
# OBA Overloads	0
OBA Overload Duration	0.0 s

Statistics	
LAS5.00	74.7 dB
LAS10.00	73.4 dB
LAS33.30	70.9 dB
LAS50.00	69.5 dB
LAS66.60	67.2 dB
LAS90.00	60.8 dB

Calibration History		
Preamp	Date	dB re. 1V/Pa
PRMLxT1L	2018-12-03 16:15:39	-28.4
PRMLxT1L	2018-12-03 10:57:25	-28.2
PRMLxT1L	2018-12-03 10:54:28	-28.2
PRMLxT1L	2018-11-28 12:17:47	-28.1
PRMLxT1L	2018-11-28 12:17:28	-28.2
PRMLxT1L	2018-11-28 07:59:06	-28.3
PRMLxT1L	2018-11-21 08:32:58	-28.3
PRMLxT1L	2018-11-15 09:17:09	-28.8
PRMLxT1L	2018-11-07 07:58:21	-28.3