

Appendix G:
Noise Monitoring Worksheets



Source: Parker Environmental Consultants, November 13, 2014.

Summary

Filename 831_Data.007
 Serial Number 3748
 Model Model 831
 Firmware Version 2.300
 User Mariana Zimmermann
 Location Santa Paula
 Job Description Santa Paula River Rock
 Note
 Measurement Description
 Start 2014/11/13 11:43:24
 Stop 2014/11/13 11:58:24
 Duration 0:15:00.0
 Run Time 0:15:00.0
 Pause 0:00:00.0

Pre Calibration 2014/11/13 11:20:59
 Post Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight	A Weighting		
Peak Weight	Z Weighting		
Detector	Slow		
Preamp	PRM831		
Microphone Correction	Off		
Integration Method	Linear		
Gain	0.0 dB		
Overload	143.5 dB		
	A	C	Z
Under Range Peak	75.9	72.9	77.9 dB
Under Range Limit	26.2	26.5	32.0 dB
Noise Floor	17.1	17.4	22.6 dB

Results

LAeq	49.6 dB	
LAE	79.1 dB	
EA	9.021 $\mu\text{Pa}^2\text{h}$	
LZpeak (max)	2014/11/13 11:43:25	92.6 dB
LASmax	2014/11/13 11:51:54	60.8 dB
LASmin	2014/11/13 11:45:44	35.9 dB
SEA	-99.9 dB	

LAS > 65.0 dB (Exceedence Counts / Duration)	0	0.0 s
LAS > 85.0 dB (Exceedence Counts / Duration)	0	0.0 s
LZpeak > 135.0 dB (Exceedence Counts / Duration)	0	0.0 s
LZpeak > 137.0 dB (Exceedence Counts / Duration)	0	0.0 s
LZpeak > 140.0 dB (Exceedence 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	LNight 22:00-07:00
LCeq	49.6	49.6	-99.9	49.6	49.6	-99.9	-99.9
LAeq	61.3 dB						
LCeq - LAeq	11.7 dB						
LALeq	52.2 dB						
LAeq	49.6 dB						
LALeq - LAeq	2.7 dB						
# Overloads	0						
Overload Duration	0.0 s						

Statistics

LAS5.00	56.1 dB
LAS10.00	54.0 dB
LAS33.30	47.5 dB
LAS50.00	45.1 dB
LAS66.60	43.5 dB
LAS90.00	40.2 dB

Summary

Filename 831_Data.009
 Serial Number 3748
 Model Model 831
 Firmware Version 2.300
 User Mariana Zimmermann
 Location Santa Paula
 Job Description Santa Paula River Rock
 Note
 Measurement Description
 Start 2014/11/13 12:10:19
 Stop 2014/11/13 12:25:19
 Duration 0:15:00.0
 Run Time 0:15:00.0
 Pause 0:00:00.0
 Pre Calibration 2014/11/13 11:20:59
 Post Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight Z Weighting
 Detector Slow
 Preamp PRM831
 Microphone Correction Off
 Integration Method Linear
 Gain 0.0 dB
 Overload 143.5 dB

	A	C	Z
Under Range Peak	75.9	72.9	77.9 dB
Under Range Limit	26.2	26.5	32.0 dB
Noise Floor	17.1	17.4	22.6 dB

Results

LAeq 65.6 dB
 LAE 95.1 dB
 EA 362.207 $\mu\text{Pa}^2\text{h}$
 LZpeak (max) 2014/11/13 12:24:21 98.8 dB
 LASmax 2014/11/13 12:10:28 78.0 dB
 LASmin 2014/11/13 12:18:30 40.6 dB
 SEA -99.9 dB

LAS > 65.0 dB (Exceedence Counts / Duration)	45	345.8 s
LAS > 85.0 dB (Exceedence Counts / Duration)	0	0.0 s
LZpeak > 135.0 dB (Exceedence Counts / Duration)	0	0.0 s
LZpeak > 137.0 dB (Exceedence Counts / Duration)	0	0.0 s
LZpeak > 140.0 dB (Exceedence 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	LNight 22:00-07:00
LCeq	65.6		65.6	-99.9	65.6	65.6	-99.9
LAeq	73.4						
LCeq - LAeq	65.6						
LALeq	7.8						
LALeq	67.6						
LALeq	65.6						
LALeq - LAeq	2.0						
# Overloads	0						
Overload Duration	0.0 s						

Statistics

LAS5.00 71.7 dB
 LAS10.00 70.3 dB
 LAS33.30 64.8 dB
 LAS50.00 60.7 dB
 LAS66.60 55.1 dB
 LAS90.00 46.1 dB

Summary

Filename 831_Data.010
 Serial Number 3748
 Model Model 831
 Firmware Version 2.300
 User Mariana Zimmermann
 Location Santa Paula
 Job Description Santa Paula River Rock
 Note
 Measurement Description
 Start 2014/11/13 12:27:03
 Stop 2014/11/13 12:42:03
 Duration 0:15:00.0
 Run Time 0:15:00.0
 Pause 0:00:00.0
 Pre Calibration 2014/11/13 11:20:59
 Post Calibration None
 Calibration Deviation ---

Overall Settings

RMS Weight A Weighting
 Peak Weight Z Weighting
 Detector Slow
 Preamp PRM831
 Microphone Correction Off
 Integration Method Linear
 Gain 0.0 dB
 Overload 143.5 dB
 A C Z
 Under Range Peak 75.9 72.9 77.9 dB
 Under Range Limit 26.2 26.5 32.0 dB
 Noise Floor 17.1 17.4 22.6 dB

Results

LAeq 69.3 dB
 LAE 98.8 dB
 EA 843.196 $\mu\text{Pa}^2\text{h}$
 LZpeak (max) 2014/11/13 12:31:55 107.4 dB
 LASmax 2014/11/13 12:31:55 90.4 dB
 LASmin 2014/11/13 12:27:03 35.6 dB
 SEA -99.9 dB
 LAS > 65.0 dB (Exceedence Counts / Duration) 43 390.9 s
 LAS > 85.0 dB (Exceedence Counts / Duration) 1 3.3 s
 LZpeak > 135.0 dB (Exceedence Counts / Duration) 0 0.0 s
 LZpeak > 137.0 dB (Exceedence Counts / Duration) 0 0.0 s
 LZpeak > 140.0 dB (Exceedence 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	LNight 22:00-07:00
LCeq	69.3	69.3	-99.9	69.3	69.3	-99.9	-99.9
LAeq	74.6 dB						
LAeq	69.3 dB						
LCeq - LAeq	5.3 dB						
LAeq	71.8 dB						
LAeq	69.3 dB						
LAeq - LAeq	2.5 dB						
# Overloads	0						
Overload Duration	0.0 s						

Statistics

LAS5.00 73.8 dB
 LAS10.00 71.8 dB
 LAS33.30 65.9 dB
 LAS50.00 61.9 dB
 LAS66.60 56.9 dB
 LAS90.00 46.0 dB

Summary							
Filename	831_Data.011						
Serial Number	3748						
Model	Model 831						
Firmware Version	2.300						
User	Mariana Zimmermann						
Location	Santa Paula						
Job Description	Santa Paula River Rock						
Note							
Measurement Description							
Start	2014/11/13 12:51:41						
Stop	2014/11/13 13:06:41						
Duration	0:15:00.0						
Run Time	0:15:00.0						
Pause	0:00:00.0						
Pre Calibration	2014/11/13 11:20:59						
Post Calibration	None						
Calibration Deviation	---						
Overall Settings							
RMS Weight	A Weighting						
Peak Weight	Z Weighting						
Detector	Slow						
Preamp	PRM831						
Microphone Correction	Off						
Integration Method	Linear						
Gain	0.0 dB						
Overload	143.5 dB						
	A	C	Z				
Under Range Peak	75.9	72.9	77.9 dB				
Under Range Limit	26.2	26.5	32.0 dB				
Noise Floor	17.1	17.4	22.6 dB				
Results							
LAeq	46.7 dB						
LAE	76.3 dB						
EA	4.707 µPa ² h						
LZpeak (max)	2014/11/13 12:56:51	101.7 dB					
LASmax	2014/11/13 13:05:17	57.3 dB					
LASmin	2014/11/13 13:02:25	36.8 dB					
SEA	-99.9 dB						
LAS > 65.0 dB (Exceedence Counts / Duration)	0	0.0 s					
LAS > 85.0 dB (Exceedence Counts / Duration)	0	0.0 s					
LZpeak > 135.0 dB (Exceedence Counts / Duration)	0	0.0 s					
LZpeak > 137.0 dB (Exceedence Counts / Duration)	0	0.0 s					
LZpeak > 140.0 dB (Exceedence 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	LNight 22:00-07:00
	46.7	46.7	-99.9	46.7	46.7	-99.9	-99.9
LCeq	62.6 dB						
LAeq	46.7 dB						
LCeq - LAeq	15.9 dB						
LALeq	48.9 dB						
LAeq	46.7 dB						
LALeq - LAeq	2.2 dB						
# Overloads	0						
Overload Duration	0.0 s						
Statistics							
LAS5.00	51.3 dB						
LAS10.00	50.0 dB						
LAS33.30	46.5 dB						
LAS50.00	44.9 dB						
LAS66.60	43.3 dB						
LAS90.00	40.0 dB						