

**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	49.6 dB						
LAeq	11.7 dB						
LAeq	52.2 dB						
LAeq	49.6 dB						
LAeq - 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  

	<b>A</b>	<b>C</b>	<b>Z</b>
Under Range Peak	75.9	72.9	<b>77.9</b> dB
Under Range Limit	<b>26.2</b>	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 dB						
LCeq - LAeq	65.6 dB						
LALeq	7.8 dB						
LALeq	67.6 dB						
LALeq	65.6 dB						
LALeq - LAeq	2.0 dB						
# 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

<b>Summary</b>							
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							
<b>Measurement Description</b>							
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	---						
<b>Overall Settings</b>							
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						
	<b>A</b>	<b>C</b>	<b>Z</b>				
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				
<b>Results</b>							
LAeq	69.3 dB						
LAE	98.8 dB						
EA	843.196 µPa²h						
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					
<b>Community Noise</b>							
	<b>Ldn</b>	<b>LDay 07:00-22:00</b>	<b>LNight 22:00-07:00</b>	<b>Lden</b>	<b>LDay 07:00-19:00</b>	<b>LEvening 19:00-22:00</b>	<b>LNight 22:00-07:00</b>
	69.3	69.3	-99.9	69.3	69.3	-99.9	-99.9
LCeq	74.6 dB						
LAeq	69.3 dB						
LCeq - LAeq	5.3 dB						
LALeq	71.8 dB						
LAeq	69.3 dB						
LALeq - LAeq	2.5 dB						
# Overloads	0						
Overload Duration	0.0 s						
<b>Statistics</b>							
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						

<b>Summary</b>							
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							
<b>Measurement Description</b>							
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	---						
<b>Overall Settings</b>							
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						
	<b>A</b>	<b>C</b>	<b>Z</b>				
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				
<b>Results</b>							
LAeq	46.7 dB						
LAE	76.3 dB						
EA	4.707 µPa <sup>2</sup> 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					
<b>Community Noise</b>							
	<b>Ldn</b>	<b>LDay 07:00-22:00</b>	<b>LNight 22:00-07:00</b>	<b>Lden</b>	<b>LDay 07:00-19:00</b>	<b>LEvening 19:00-22:00</b>	<b>LNight 22:00-07:00</b>
LCeq	46.7	46.7	-99.9	46.7	46.7	-99.9	-99.9
LAeq	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						
<b>Statistics</b>							
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						