

APPENDIX D

Noise Model Output

Filename.....308025
Test Location.....Griffith Park Outdoor
Employee Name.....Dale Till
Employee Number.....
Department.....

Calibrator Type.....
Calibrator Cal. Date...

METROSONICS db-3080 V1.20 SERIAL # 4103
REPORT PRINTED ON 11/20/13 at 09:56:34

User ID: _____

Griffith Park Outdoor
Metrosonics db 3080
Serial #:4103

LOGGING STARTED.....11/19/13 at 11:30:39
TOTAL LOGGING TIME...0 DAYS 00:15:00
LOGGING STOPPED.....11/19/13 at 11:45:39
TOTAL INTERVALS.....1
INTERVAL LENGTH.....00:15:00

AUTO STOP.....YES
CLOCK SYNCH.....YES
RESPONSE RATE.....SLOW
FILTER.....A WT.

PRE-TEST CALIBRATION TIME....11/19/13 AT 11:22:25
PRE-TEST CALIBRATION RANGE...38.6 TO 138.6 dB
POST-TEST CALIBRATION NOT DONE
CUTOFF USED FOR TIME HISTORY Lav...NONE

<<< SUMMARY REPORT FOR TEST NUMBER 1 OF 4 >>>

EXCHANGE RATE.....3dB
CUTOFFS..... 80dB 90dB
CEILING.....115dB
DOSE CRITERION LEVEL... 90dB
DOSE CRITERION LENGTH.. 8 HOURS

Lav..... 43.1dB
Lav (80)..... 38.6dB
Lav (90)..... 38.6dB
SEL..... 72.5dB

TWA..... 38.6dB
TWA (80)..... 38.6dB
TWA (90)..... 38.6dB

Lmax..... 57.7dB 11/19/13 at 11:31:07
Lpk.....UNDER RANGE
TIME OVER 115dB...00:00:00.00

DOSE (80)..... 0.00%
PROJ. DOSE (80).. 0.00%
DOSE (90)..... 0.00%
PROJ. DOSE (90).. 0.00%

<<< TIME HISTORY REPORT FOR TEST NUMBER 1 OF 4 >>>

TIME	Lav dBA	Lmax dBA	L(10.0) dBA	L(90.0) dBA
11/19/13				
11:30:39	43.1	57.7	45.6	41.6

Filename.....308025
Test Location.....Griffith Park Outdoor
Employee Name.....Dale Till
Employee Number.....
Department.....

Calibrator Type.....
Calibrator Cal. Date...

METROSONICS db-3080 V1.20 SERIAL # 4103
REPORT PRINTED ON 11/20/13 at 10:00:48

User ID: _____

Griffith Park Outdoor
Metrosonics db 3080
Serial #:4103

LOGGING STARTED.....11/19/13 at 11:49:59
TOTAL LOGGING TIME...0 DAYS 00:15:00
LOGGING STOPPED.....11/19/13 at 12:04:59
TOTAL INTERVALS.....1
INTERVAL LENGTH.....00:15:00

AUTO STOP.....YES
CLOCK SYNCH.....YES
RESPONSE RATE.....SLOW
FILTER.....A WT.

PRE-TEST CALIBRATION TIME....11/19/13 AT 11:22:25
PRE-TEST CALIBRATION RANGE...38.6 TO 138.6 dB
POST-TEST CALIBRATION NOT DONE
CUTOFF USED FOR TIME HISTORY Lav...NONE

<<< SUMMARY REPORT FOR TEST NUMBER 2 OF 4 >>>

EXCHANGE RATE.....3dB
CUTOFFS..... 80dB 90dB
CEILING.....115dB
DOSE CRITERION LEVEL... 90dB
DOSE CRITERION LENGTH.. 8 HOURS

Lav..... 44.3dB
Lav (80)..... 38.6dB
Lav (90)..... 38.6dB
SEL..... 73.7dB

TWA..... 38.6dB
TWA (80)..... 38.6dB
TWA (90)..... 38.6dB

Lmax..... 55.4dB 11/19/13 at 11:52:16
Lpk.....UNDER RANGE
TIME OVER 115dB...00:00:00.00

DOSE (80)..... 0.00%
PROJ. DOSE (80).. 0.00%
DOSE (90)..... 0.00%
PROJ. DOSE (90).. 0.00%

<<< TIME HISTORY REPORT FOR TEST NUMBER 2 OF 4 >>>

TIME	Lav dBA	Lmax dBA	L(10.0) dBA	L(90.0) dBA
11/19/13				
11:49:59	44.3	55.4	47.6	40.6

Filename.....308025
Test Location.....Griffith Park Outdoor
Employee Name.....Dale Till
Employee Number.....
Department.....

Calibrator Type.....
Calibrator Cal. Date...

METROSONICS db-3080 V1.20 SERIAL # 4103
REPORT PRINTED ON 11/20/13 at 10:01:20

User ID: _____

Griffith Park Outdoor
Metrosonics db 3080
Serial #:4103

LOGGING STARTED.....11/19/13 at 12:11:19
TOTAL LOGGING TIME...0 DAYS 00:15:00
LOGGING STOPPED.....11/19/13 at 12:26:19
TOTAL INTERVALS.....1
INTERVAL LENGTH.....00:15:00

AUTO STOP.....YES
CLOCK SYNCH.....YES
RESPONSE RATE.....SLOW
FILTER.....A WT.

PRE-TEST CALIBRATION TIME....11/19/13 AT 11:22:25
PRE-TEST CALIBRATION RANGE...38.6 TO 138.6 dB
POST-TEST CALIBRATION NOT DONE
CUTOFF USED FOR TIME HISTORY Lav...NONE

<<< SUMMARY REPORT FOR TEST NUMBER 3 OF 4 >>>

EXCHANGE RATE.....3dB
CUTOFFS..... 80dB 90dB
CEILING.....115dB
DOSE CRITERION LEVEL... 90dB
DOSE CRITERION LENGTH.. 8 HOURS

Lav..... 45.0dB
Lav (80)..... 38.6dB
Lav (90)..... 38.6dB
SEL..... 74.5dB

TWA..... 38.6dB
TWA (80)..... 38.6dB
TWA (90)..... 38.6dB

Lmax..... 58.3dB 11/19/13 at 12:19:53
Lpk.....UNDER RANGE
TIME OVER 115dB...00:00:00.00

DOSE (80)..... 0.00%
PROJ. DOSE (80).. 0.00%
DOSE (90)..... 0.00%
PROJ. DOSE (90).. 0.00%

<<< TIME HISTORY REPORT FOR TEST NUMBER 3 OF 4 >>>

TIME	Lav dBA	Lmax dBA	L(10.0) dBA	L(90.0) dBA
11/19/13				
12:11:19	45.0	58.3	47.6	41.6

Filename.....308025
Test Location.....Griffith Park Outdoor
Employee Name.....Dale Till
Employee Number.....
Department.....

Calibrator Type.....
Calibrator Cal. Date...

METROSONICS db-3080 V1.20 SERIAL # 4103
REPORT PRINTED ON 11/20/13 at 10:01:35

User ID: _____

Griffith Park Outdoor
Metrosonics db 3080
Serial #:4103

LOGGING STARTED.....11/19/13 at 12:41:53
TOTAL LOGGING TIME...0 DAYS 00:15:00
LOGGING STOPPED.....11/19/13 at 12:56:53
TOTAL INTERVALS.....1
INTERVAL LENGTH.....00:15:00

AUTO STOP.....YES
CLOCK SYNCH.....YES
RESPONSE RATE.....SLOW
FILTER.....A WT.

PRE-TEST CALIBRATION TIME....11/19/13 AT 11:22:25
PRE-TEST CALIBRATION RANGE...38.6 TO 138.6 dB
POST-TEST CALIBRATION TIME...11/19/13 AT 13:01:17
POST-TEST CALIBRATION RANGE...38.5 TO 138.5
CUTOFF USED FOR TIME HISTORY Lav...NONE

<<< SUMMARY REPORT FOR TEST NUMBER 4 OF 4 >>>

EXCHANGE RATE.....3dB
CUTOFFS..... 80dB 90dB
CEILING.....115dB
DOSE CRITERION LEVEL... 90dB
DOSE CRITERION LENGTH.. 8 HOURS

Lav..... 51.9dB
Lav (80)..... 38.6dB
Lav (90)..... 38.6dB
SEL..... 81.4dB

TWA..... 38.6dB
TWA (80)..... 38.6dB
TWA (90)..... 38.6dB

Lmax..... 61.4dB 11/19/13 at 12:55:14
Lpk.....UNDER RANGE
TIME OVER 115dB...00:00:00.00

DOSE (80)..... 0.00%
PROJ. DOSE (80).. 0.00%
DOSE (90)..... 0.00%
PROJ. DOSE (90).. 0.00%

<<< TIME HISTORY REPORT FOR TEST NUMBER 4 OF 4 >>>

TIME	Lav dBA	Lmax dBA	L(10.0) dBA	L(90.0) dBA
11/19/13 12:41:53	51.9	61.4	53.6	49.6

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/21/2013
 Case Description: Griffith Park Outdoor Performance Arts Center

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Bill Eckert Trail	Residential	70	60	50

Description	Impact Device	Usage(%)	Equipment			
			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		454	0
Paver	No	50		77.2	102	0
Paver	No	50		77.2	370	0
Grader	No	40	85		332	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	*Lmax	Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Grader	65.8	61.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	71	68	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	59.8	56.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	68.6	64.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	71	70.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Wilson Golf Course	Residential	70	60	50

Description	Impact Device	Usage(%)	Equipment			
			Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		905	0
Paver	No	50		77.2	545	0
Paver	No	50		77.2	390	0
Grader	No	40	85		750	0

		Results													
		Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
				Day		Evening		Night		Day		Evening		Night	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader		59.8	55.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver		56.5	53.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver		59.4	56.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader		61.5	57.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	61.5	62.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Shane's Inspiration F	Residential	70	60	50

		Equipment				
		Spec	Actual	Receptor	Estimated	
Description	Impact Device	Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)	
Grader	No	40	85	1115	0	
Paver	No	50		77.2	863	0
Paver	No	50		77.2	498	0
Grader	No	40	85	906	0	

		Results													
		Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
				Day		Evening		Night		Day		Evening		Night	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader		58	54.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver		52.5	49.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver		57.3	54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader		59.8	55.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	59.8	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Merry-Go-Round	Residential	70	60	50

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Grader	No	40	85		1386	0
Paver	No	50		77.2	1337	0
Paver	No	50		77.2	1008	0
Grader	No	40	85		1093	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	56.1	52.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	48.7	45.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	51.1	48.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	58.2	54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	58.2	57.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Old Zoo Trail	Residential	70	60	50

Description	Impact Device	Usage(%)	Equipment	Actual	Receptor	Estimated
			Spec Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Grader	No	40	85		220	0
Paver	No	50		77.2	565	0
Paver	No	50		77.2	795	0
Grader	No	40	85		430	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	72.1	68.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	56.2	53.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	53.2	50.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	66.3	62.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	72.1	69.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #6 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Bee Rock Trail	Residential	70	60	50

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)	
			Spec Lmax (dBA)	Actual Lmax (dBA)			
Grader	No	40	40	85	680	0	
Paver	No	50	50		77.2	817	0
Paver	No	50	50		77.2	1195	0
Grader	No	40	40	85	967	0	

Equipment	Results																
	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)								
	*Lmax		Leq		Day		Evening		Night		Day		Evening		Night		
Grader	62.3	58.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	53	49.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	49.7	46.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	59.3	55.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	62.3	60.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.