APPENDIX G

Noise Measurement Data and Calculations

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Noise Measurement Data

Summary				
File Name	LxT_Data.019			
Serial Number	0004161			
Model	SoundTrack LxT®			
Firmware Version	2.301			
User				
Location				
Job Description				
Note				
Measurement Description	15 Minute Logging			
Start	2015-06-30 9:45:53			
Stop	2015-06-30 10:00:53			
Duration	0:15:00.0			
Run Time	0:15:00.0			
Pause	0:00:00.0			
Pre Calibration	2015-06-30 9:44:40			
Post Calibration	None			
Calibration Deviation	---			
Overall Settings				
RMS Weight	A Weighting			
Peak Weight	Z Weighting			
Detector	Slow			
Preamp	PRMLxT1			
Microphone Correction	Off			
Integration Method	Exponenital			
Overload	145.3 dB			
	A	**C**	**Z**	
Under Range Peak	101.5	98.5	**103.5**	dB
Under Range Limit	**37.7**	35.7	43.7	dB
Noise Floor	24.8	25.4	32.9	dB
Results				
LASeq	53.9 dB			
LASE	83.5 dB			
EAS	24.771 µPa²h			
EAS8	792.669 µPa²h			
EAS40	3.963 mPa²h			
LZSpeak (max)	2015-06-30 9:46:47	94.2 dB		
LASmax	2015-06-30 9:46:47	73.8 dB		
LASmin	2015-06-30 9:48:35	45.1 dB		
SEA	-99.9 dB			
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LAS > 120.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LCSeq	69.0 dB			

LASeq	53.9	dB
LCSeq - LASeq	15.0	dB
LAIeq	56.1	dB
LAeq	53.9	dB
LAIeq - LAeq	2.2	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.00	0.00	%
Projected Dose	0.02	0.02	%
TWA (Projected)	53.9	53.9	dB
TWA (t)	38.9	38.9	dB
Lep (t)	38.9	38.9	dB

Statistics		
LAS5.00	58.3	dB
LAS10.00	55.6	dB
LAS50.00	49.8	dB
LAS90.00	47.0	dB
LAS95.00	46.3	dB
LAS99.00	45.4	dB

Summary				
File Name	LxT_Data.045			
Serial Number	0004161			
Model	SoundTrack LxT®			
Firmware Version	2.301			
User				
Location				
Job Description				
Note				
Measurement Description	15 Minute Logging			
Start	2015-07-07 10:06:48			
Stop	2015-07-07 10:21:48			
Duration	0:15:00.0			
Run Time	0:15:00.0			
Pause	0:00:00.0			
Pre Calibration	2015-07-07 10:02:52			
Post Calibration	None			
Calibration Deviation	---			
Overall Settings				
RMS Weight	A Weighting			
Peak Weight	Z Weighting			
Detector	Slow			
Preamp	PRMLxT1			
Microphone Correction	Off			
Integration Method	Exponenital			
Overload	145.4 dB			
	A	**C**	**Z**	
Under Range Peak	101.6	98.6	**103.6**	dB
Under Range Limit	**37.8**	35.8	43.8	dB
Noise Floor	24.8	25.4	32.9	dB
Results				
LASeq	51.6 dB			
LASE	81.1 dB			
EAS	14.422 µPa²h			
EAS8	461.498 µPa²h			
EAS40	2.307 mPa²h			
LZSpeak (max)	2015-07-07 10:19:42	90.2 dB		
LASmax	2015-07-07 10:19:42	60.5 dB		
LASmin	2015-07-07 10:16:34	44.9 dB		
SEA	-99.9 dB			
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LAS > 120.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LCSeq	68.9 dB			

LASeq	51.6	dB
LCSeq - LASeq	17.3	dB
LAIeq	53.8	dB
LAeq	51.6	dB
LAIeq - LAeq	2.2	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.00	0.00	%
Projected Dose	0.01	0.01	%
TWA (Projected)	51.6	51.6	dB
TWA (t)	36.5	36.5	dB
Lep (t)	36.5	36.5	dB

Statistics		
LAS5.00	55.6	dB
LAS10.00	54.2	dB
LAS50.00	50.2	dB
LAS90.00	47.2	dB
LAS95.00	46.5	dB
LAS99.00	45.5	dB

Summary				
File Name	LxT_Data.046			
Serial Number	0004161			
Model	SoundTrack LxT®			
Firmware Version	2.301			
User				
Location				
Job Description				
Note				
Measurement Description	15 Minute Logging			
Start	2015-07-07 10:40:52			
Stop	2015-07-07 10:55:52			
Duration	0:15:00.0			
Run Time	0:15:00.0			
Pause	0:00:00.0			
Pre Calibration	2015-07-07 10:35:28			
Post Calibration	None			
Calibration Deviation	---			
Overall Settings				
RMS Weight	A Weighting			
Peak Weight	Z Weighting			
Detector	Slow			
Preamp	PRMLxT1			
Microphone Correction	Off			
Integration Method	Exponenital			
Overload	145.4 dB			
	A		**C**	**Z**
Under Range Peak	101.6		98.6	**103.6** dB
Under Range Limit	**37.8**		35.8	43.8 dB
Noise Floor	24.8		25.4	32.9 dB
Results				
LASeq	51.2 dB			
LASE	80.7 dB			
EAS	13.152 µPa²h			
EAS8	420.872 µPa²h			
EAS40	2.104 mPa²h			
LZSpeak (max)	2015-07-07 10:46:09		93.7 dB	
LASmax	2015-07-07 10:46:09		63.8 dB	
LASmin	2015-07-07 10:44:25		40.6 dB	
SEA	-99.9 dB			
LAS > 115.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LAS > 120.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LCSeq	65.4 dB			

LASeq	51.2	dB
LCSeq - LASeq	14.2	dB
LAIeq	54.4	dB
LAeq	51.2	dB
LAIeq - LAeq	3.2	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.00	0.00	%
Projected Dose	0.01	0.01	%
TWA (Projected)	51.2	51.2	dB
TWA (t)	36.1	36.1	dB
Lep (t)	36.1	36.1	dB

Statistics		
LAS5.00	56.9	dB
LAS10.00	54.9	dB
LAS50.00	47.9	dB
LAS90.00	43.2	dB
LAS95.00	42.5	dB
LAS99.00	41.7	dB

Summary				
File Name	LxT_Data.047			
Serial Number	0004161			
Model	SoundTrack LxT®			
Firmware Version	2.301			
User				
Location				
Job Description				
Note				
Measurement Description	15 Minute Logging			
Start	2015-07-07 11:13:42			
Stop	2015-07-07 11:28:42			
Duration	0:15:00.0			
Run Time	0:15:00.0			
Pause	0:00:00.0			
Pre Calibration	2015-07-07 11:12:20			
Post Calibration	None			
Calibration Deviation	---			
Overall Settings				
RMS Weight	A Weighting			
Peak Weight	Z Weighting			
Detector	Slow			
Preamp	PRMLxT1			
Microphone Correction	Off			
Integration Method	Exponenital			
Overload	145.5 dB			
	A	**C**	**Z**	
Under Range Peak	101.7	98.7	**103.7**	dB
Under Range Limit	**37.8**	35.8	43.8	dB
Noise Floor	24.9	25.5	33.0	dB
Results				
LASeq	50.5 dB			
LASE	80.1 dB			
EAS	11.280 µPa²h			
EAS8	360.971 µPa²h			
EAS40	1.805 mPa²h			
LZSpeak (max)	2015-07-07 11:21:31	92.5 dB		
LASmax	2015-07-07 11:16:40	61.5 dB		
LASmin	2015-07-07 11:21:37	42.4 dB		
SEA	-99.9 dB			
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LAS > 120.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LCSeq	65.4 dB			

LASeq	50.5	dB
LCSeq - LASeq	14.9	dB
LAIeq	52.9	dB
LAeq	50.5	dB
LAIeq - LAeq	2.4	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.00	0.00	%
Projected Dose	0.01	0.01	%
TWA (Projected)	50.5	50.5	dB
TWA (t)	35.5	35.5	dB
Lep (t)	35.5	35.5	dB

Statistics		
LAS5.00	56.4	dB
LAS10.00	54.1	dB
LAS50.00	47.2	dB
LAS90.00	44.3	dB
LAS95.00	43.8	dB
LAS99.00	43.2	dB

Summary				
File Name	LxT_Data.048			
Serial Number	0004161			
Model	SoundTrack LxT®			
Firmware Version	2.301			
User				
Location				
Job Description				
Note				
Measurement Description	15 Minute Logging			
Start	2015-07-07 11:40:08			
Stop	2015-07-07 11:55:08			
Duration	0:15:00.0			
Run Time	0:15:00.0			
Pause	0:00:00.0			
Pre Calibration	2015-07-07 11:37:08			
Post Calibration	None			
Calibration Deviation	---			
Overall Settings				
RMS Weight	A Weighting			
Peak Weight	Z Weighting			
Detector	Slow			
Preamp	PRMLxT1			
Microphone Correction	Off			
Integration Method	Exponenital			
Overload	145.5 dB			
	A		**C**	**Z**
Under Range Peak	101.7		98.7	**103.7** dB
Under Range Limit	**37.8**		35.8	43.8 dB
Noise Floor	24.9		25.5	33.0 dB
Results				
LASeq	54.7 dB			
LASE	84.2 dB			
EAS	29.532 µPa²h			
EAS8	945.016 µPa²h			
EAS40	4.725 mPa²h			
LZSpeak (max)	2015-07-07 11:44:49		91.7 dB	
LASmax	2015-07-07 11:52:01		60.7 dB	
LASmin	2015-07-07 11:46:43		43.4 dB	
SEA	-99.9 dB			
LAS > 115.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LAS > 120.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LCSeq	66.4 dB			

LASeq	54.7	dB
LCSeq - LASeq	11.7	dB
LAIeq	55.6	dB
LAeq	54.7	dB
LAIeq - LAeq	0.9	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.00	0.00	%
Projected Dose	0.03	0.03	%
TWA (Projected)	54.7	54.7	dB
TWA (t)	39.7	39.7	dB
Lep (t)	39.7	39.7	dB

Statistics		
LAS5.00	58.7	dB
LAS10.00	58.0	dB
LAS50.00	53.7	dB
LAS90.00	47.0	dB
LAS95.00	45.8	dB
LAS99.00	44.3	dB

Summary				
File Name	LxT_Data.048			
Serial Number	0004161			
Model	SoundTrack LxT®			
Firmware Version	2.301			
User				
Location				
Job Description				
Note				
Measurement Description	15 Minute Logging			
Start	2015-07-07 11:40:08			
Stop	2015-07-07 11:55:08			
Duration	0:15:00.0			
Run Time	0:15:00.0			
Pause	0:00:00.0			
Pre Calibration	2015-07-07 11:37:08			
Post Calibration	None			
Calibration Deviation	---			
Overall Settings				
RMS Weight	A Weighting			
Peak Weight	Z Weighting			
Detector	Slow			
Preamp	PRMLxT1			
Microphone Correction	Off			
Integration Method	Exponenital			
Overload	145.5 dB			
	A		**C**	**Z**
Under Range Peak	101.7		98.7	**103.7** dB
Under Range Limit	**37.8**		35.8	43.8 dB
Noise Floor	24.9		25.5	33.0 dB
Results				
LASeq	54.7 dB			
LASE	84.2 dB			
EAS	29.532 µPa²h			
EAS8	945.016 µPa²h			
EAS40	4.725 mPa²h			
LZSpeak (max)	2015-07-07 11:44:49		91.7 dB	
LASmax	2015-07-07 11:52:01		60.7 dB	
LASmin	2015-07-07 11:46:43		43.4 dB	
SEA	-99.9 dB			
LAS > 115.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LAS > 120.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LCSeq	66.4 dB			

LASeq	54.7	dB
LCSeq - LASeq	11.7	dB
LAIeq	55.6	dB
LAeq	54.7	dB
LAIeq - LAeq	0.9	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.00	0.00	%
Projected Dose	0.03	0.03	%
TWA (Projected)	54.7	54.7	dB
TWA (t)	39.7	39.7	dB
Lep (t)	39.7	39.7	dB

Statistics		
LAS5.00	58.7	dB
LAS10.00	58.0	dB
LAS50.00	53.7	dB
LAS90.00	47.0	dB
LAS95.00	45.8	dB
LAS99.00	44.3	dB

Summary

File Name	LxT_Data.049
Serial Number	0004161
Model	SoundTrack LxT®
Firmware Version	2.301
User	
Location	
Job Description	
Note	
Measurement Description	15 Minute Logging
Start	2015-07-07 12:14:23
Stop	2015-07-07 12:29:23
Duration	0:15:00.0
Run Time	0:15:00.0
Pause	0:00:00.0
Pre Calibration	2015-07-07 12:11:04
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamp	PRMLxT1
Microphone Correction	Off
Integration Method	Exponenital
Overload	145.4 dB

	A	**C**	**Z**	
Under Range Peak	101.6	98.6	**103.6**	dB
Under Range Limit	**37.8**	35.8	43.8	dB
Noise Floor	24.8	25.4	32.9	dB

Results

LASeq	54.4	dB	
LASE	83.9	dB	
EAS	27.564	µPa²h	
EAS8	882.056	µPa²h	
EAS40	4.410	mPa²h	
LZSpeak (max)	2015-07-07 12:27:03	99.1	dB
LASmax	2015-07-07 12:26:20	68.6	dB
LASmin	2015-07-07 12:21:08	44.6	dB
SEA	-99.9	dB	

LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 120.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s

LCSeq	63.5	dB

LASeq	54.4	dB
LCSeq - LASeq	9.1	dB
LAIeq	56.2	dB
LAeq	54.4	dB
LAIeq - LAeq	1.8	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.00	0.00	%
Projected Dose	0.03	0.03	%
TWA (Projected)	54.4	54.4	dB
TWA (t)	39.4	39.4	dB
Lep (t)	39.4	39.4	dB

Statistics		
LAS5.00	56.9	dB
LAS10.00	56.3	dB
LAS50.00	54.0	dB
LAS90.00	50.9	dB
LAS95.00	50.0	dB
LAS99.00	46.5	dB

Summary

File Name	LxT_Data.020			
Serial Number	0004161			
Model	SoundTrack LxT®			
Firmware Version	2.301			
User				
Location				
Job Description				
Note				
Measurement Description	15 Minute Logging			
Start	2015-06-30 10:38:00			
Stop	2015-06-30 10:53:00			
Duration	0:15:00.0			
Run Time	0:15:00.0			
Pause	0:00:00.0			
Pre Calibration	2015-06-30 9:44:38			
Post Calibration	None			
Calibration Deviation	---			
Overall Settings				
RMS Weight	A Weighting			
Peak Weight	Z Weighting			
Detector	Slow			
Preamp	PRMLxT1			
Microphone Correction	Off			
Integration Method	Exponenital			
Overload	145.3 dB			
	A		**C**	**Z**
Under Range Peak	101.5		98.5	**103.5** dB
Under Range Limit	**37.7**		35.7	43.7 dB
Noise Floor	24.8		25.4	32.9 dB
Results				
LASeq	50.9 dB			
LASE	80.5 dB			
EAS	12.426 µPa²h			
EAS8	397.635 µPa²h			
EAS40	1.988 mPa²h			
LZSpeak (max)	2015-06-30 10:38:09		105.7 dB	
LASmax	2015-06-30 10:38:09		73.5 dB	
LASmin	2015-06-30 10:52:39		44.6 dB	
SEA	-99.9 dB			
LAS > 115.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LAS > 120.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0		0.0 s	
LCSeq	66.8 dB			

LASeq	50.9	dB
LCSeq - LASeq	15.9	dB
LAIeq	60.0	dB
LAeq	50.9	dB
LAIeq - LAeq	9.1	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.00	0.00	%
Projected Dose	0.01	0.01	%
TWA (Projected)	50.9	50.9	dB
TWA (t)	35.9	35.9	dB
Lep (t)	35.9	35.9	dB

Statistics		
LAS5.00	54.6	dB
LAS10.00	52.5	dB
LAS50.00	48.3	dB
LAS90.00	46.3	dB
LAS95.00	45.6	dB
LAS99.00	45.0	dB

Summary

File Name	LxT_Data.021
Serial Number	0004161
Model	SoundTrack LxT®
Firmware Version	2.301
User	
Location	
Job Description	
Note	
Measurement Description	15 Minute Logging
Start	2015-06-30 11:13:49
Stop	2015-06-30 11:28:49
Duration	0:15:00.0
Run Time	0:15:00.0
Pause	0:00:00.0
Pre Calibration	2015-06-30 9:44:38
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamp	PRMLxT1
Microphone Correction	Off
Integration Method	Exponenital
Overload	145.3 dB

	A	**C**	**Z**	
Under Range Peak	101.5	98.5	**103.5**	dB
Under Range Limit	**37.7**	35.7	43.7	dB
Noise Floor	24.8	25.4	32.9	dB

Results

LASeq	63.9	dB	
LASE	93.4	dB	
EAS	242.908	µPa²h	
EAS8	7.773	mPa²h	
EAS40	38.865	mPa²h	
LZSpeak (max)	2015-06-30 11:27:16	100.7	dB
LASmax	2015-06-30 11:18:10	74.5	dB
LASmin	2015-06-30 11:16:11	48.1	dB
SEA	-99.9	dB	

LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 120.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s

LCSeq	73.9	dB

LASeq	63.9	dB
LCSeq - LASeq	10.0	dB
LAIeq	64.6	dB
LAeq	63.9	dB
LAIeq - LAeq	0.7	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.01	0.01	%
Projected Dose	0.24	0.24	%
TWA (Projected)	63.9	63.9	dB
TWA (t)	48.8	48.8	dB
Lep (t)	48.8	48.8	dB

Statistics		
LAS5.00	68.4	dB
LAS10.00	67.3	dB
LAS50.00	62.2	dB
LAS90.00	53.1	dB
LAS95.00	51.4	dB
LAS99.00	48.9	dB

Summary				
File Name	LxT_Data.022			
Serial Number	0004161			
Model	SoundTrack LxT®			
Firmware Version	2.301			
User				
Location				
Job Description				
Note				
Measurement Description	15 Minute Logging			
Start	2015-06-30 11:49:06			
Stop	2015-06-30 12:04:06			
Duration	0:15:00.0			
Run Time	0:15:00.0			
Pause	0:00:00.0			
Pre Calibration	2015-06-30 9:44:38			
Post Calibration	None			
Calibration Deviation	---			
Overall Settings				
RMS Weight	A Weighting			
Peak Weight	Z Weighting			
Detector	Slow			
Preamp	PRMLxT1			
Microphone Correction	Off			
Integration Method	Exponenital			
Overload	145.3 dB			
	A	**C**	**Z**	
Under Range Peak	101.5	98.5	**103.5**	dB
Under Range Limit	**37.7**	35.7	43.7	dB
Noise Floor	24.8	25.4	32.9	dB
Results				
LASeq	60.9 dB			
LASE	90.5 dB			
EAS	123.988 µPa²h			
EAS8	3.968 mPa²h			
EAS40	19.838 mPa²h			
LZSpeak (max)	2015-06-30 11:50:02	99.1 dB		
LASmax	2015-06-30 11:52:06	76.2 dB		
LASmin	2015-06-30 12:03:36	50.4 dB		
SEA	-99.9 dB			
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LAS > 120.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s		
LCSeq	68.4 dB			

LASeq	60.9	dB
LCSeq - LASeq	7.4	dB
LAIeq	62.1	dB
LAeq	60.9	dB
LAIeq - LAeq	1.2	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.00	0.00	%
Projected Dose	0.12	0.12	%
TWA (Projected)	60.9	60.9	dB
TWA (t)	45.9	45.9	dB
Lep (t)	45.9	45.9	dB

Statistics		
LAS5.00	67.5	dB
LAS10.00	65.9	dB
LAS50.00	54.4	dB
LAS90.00	52.6	dB
LAS95.00	52.2	dB
LAS99.00	51.2	dB

Summary

File Name	LxT_Data.023
Serial Number	0004161
Model	SoundTrack LxT®
Firmware Version	2.301
User	
Location	
Job Description	
Note	
Measurement Description	15 Minute Logging
Start	2015-06-30 12:19:41
Stop	2015-06-30 12:34:41
Duration	0:15:00.0
Run Time	0:15:00.0
Pause	0:00:00.0
Pre Calibration	2015-06-30 9:44:38
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	Z Weighting
Detector	Slow
Preamp	PRMLxT1
Microphone Correction	Off
Integration Method	Exponenital
Overload	145.3 dB

	A	**C**	**Z**	
Under Range Peak	101.5	98.5	**103.5**	dB
Under Range Limit	**37.7**	35.7	43.7	dB
Noise Floor	24.8	25.4	32.9	dB

Results

LASeq	66.6	dB	
LASE	96.1	dB	
EAS	454.692	µPa²h	
EAS8	14.550	mPa²h	
EAS40	72.751	mPa²h	
LZSpeak (max)	2015-06-30 12:28:29	99.8	dB
LASmax	2015-06-30 12:33:11	72.2	dB
LASmin	2015-06-30 12:28:45	58.5	dB
SEA	-99.9	dB	

LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 120.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZSpeak > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZSpeak > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LZSpeak > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s

LCSeq	75.3	dB

LASeq	66.6	dB
LCSeq - LASeq	8.7	dB
LAIeq	67.3	dB
LAeq	66.6	dB
LAIeq - LAeq	0.7	dB
# Overloads	0	
Overload Duration	0.0	s

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	3	3	dB
Threshold	90	80	dB
Criterion Level	90	90	dB
Criterion Duration	8	8	h

Results			
Dose	0.01	0.01	%
Projected Dose	0.45	0.45	%
TWA (Projected)	66.6	66.6	dB
TWA (t)	51.5	51.5	dB
Lep (t)	51.5	51.5	dB

Statistics		
LAS5.00	69.2	dB
LAS10.00	68.6	dB
LAS50.00	66.5	dB
LAS90.00	62.7	dB
LAS95.00	61.9	dB
LAS99.00	59.4	dB

Address	Time	Measurme	LAeq	LAE	LAmax	LAmin	LA10	LA33	LA50	LA90	LA99	LCpeak	Over	Under	Pause
1	12/16/2013 6:40	0:10:00	95.8	123.6	113.9	33.4	83.1	57.8	44.8	35.4	34.3	134	Over	-	-
2	12/16/2013 6:50	0:10:00	68.7	96.5	79.9	37.5	73.3	69	62.7	43.1	41	121.8	Over	-	-
3	12/16/2013 7:00	0:10:00	71.4	99.2	80.4	65	73.6	71.8	70.7	68.3	66.1	122.4	-	-	-
4	12/16/2013 7:10	0:10:00	70.2	98	78.1	51.2	72.4	70.8	70	65.7	55.3	120.3	-	-	-
5	12/16/2013 7:20	0:10:00	67	94.8	78.4	48.4	69.6	67.2	66.1	62.5	49.6	123.4	-	-	-
6	12/16/2013 7:30	0:10:00	67.4	95.2	80.2	49.2	70.5	68	66.6	55.6	50.7	120.3	-	-	-
7	12/16/2013 7:40	0:10:00	65.1	92.9	78.4	48.6	67.9	65.8	64.6	54.2	50	120.3	-	-	-
8	12/16/2013 7:50	0:10:00	62.7	90.5	69.2	47.7	65.9	63.9	62.7	50.8	48.5	114.5	-	-	-
9	12/16/2013 8:00	0:10:00	71	98.8	81.5	44.8	75.9	70.1	67.3	52.4	45.2	121.3	-	-	-
10	12/16/2013 8:10	0:10:00	69.8	97.6	86.3	45	72.8	68.9	66.6	46.1	45.5	126	-	-	-
11	12/16/2013 8:20	0:10:00	59.7	87.5	75.7	29.8	65.9	47.9	45.8	31.6	30.6	118.1	-	-	-
12	12/16/2013 8:30	0:10:00	33.5	61.3	45.3	28.6	35.4	33.2	32.2	30.4	29.4	82.6	-	-	-
13	12/16/2013 8:40	0:10:00	66.4	94.2	89.1	29.3	65.8	36.1	33.7	30.9	29.8	128.1	Over	-	-
14	12/16/2013 8:50	0:10:00	62.7	90.5	78.8	29.4	67.6	59.4	42	31.8	30.2	119.1	-	-	-
15	12/16/2013 9:00	0:10:00	32.7	60.4	42.9	28.2	35.1	32.4	31.4	29.7	28.9	75.1	-	-	-
16	12/16/2013 9:10	0:10:00	34.1	61.9	50.1	28.3	35.5	32.8	31.8	29.8	28.8	100.3	-	-	-
17	12/16/2013 9:20	0:10:00	66	93.8	85.8	37.2	68	65.3	63.6	47.8	43.7	123.5	Over	-	-
18	12/16/2013 9:30	0:10:00	55	82.7	81	26	43.1	35.7	32.9	27.8	26.6	129.6	Over	Under	-
19	12/16/2013 9:40	0:10:00	33.6	61.3	43.3	25.9	36.4	33.3	32.1	28.3	26.9	73.9	-	Under	-
20	12/16/2013 9:50	0:10:00	62	89.8	82.3	22.3	65.2	51.6	37.1	31	23.1	129.4	Over	Under	-
21	12/16/2013 10:00	0:10:00	28.7	56.5	46.3	19.9	29.9	25.4	23.5	20.9	20.2	74.9	-	Under	-
22	12/16/2013 10:10	0:10:00	29.2	57	44.8	19.6	31.7	26.9	25.8	23.6	21.1	70.9	-	Under	-
23	12/16/2013 10:20	0:10:00	48.8	76.5	75.6	19.3	36.2	28.4	25.8	22	19.9	125.7	Over	Under	-
24	12/16/2013 10:30	0:10:00	57.6	85.3	80.9	19.2	52	36	31.2	23.6	20	127.9	Over	Under	-
25	12/16/2013 10:40	0:10:00	57.6	85.4	70.2	32.5	64.5	38.8	37.6	35.4	33.5	116.5	-	-	-
26	12/16/2013 10:50	0:10:00	60	87.8	75.3	33.2	66.2	46	41.4	35.5	33.9	118.4	-	-	-
27	12/16/2013 11:00	0:10:00	56.8	84.6	77.4	26.8	62.7	34.7	32.7	29.8	28.2	125.2	Over	Under	-
28	12/16/2013 11:10	0:10:00	33.3	61.1	41.5	29.4	34.8	33.4	32.8	31.1	30.2	78.1	-	-	-
29	12/16/2013 11:20	0:10:00	58	85.8	77.2	29.9	64	48.4	34.9	31.8	30.7	125.8	Over	-	-
30	12/16/2013 11:30	0:10:00	70.4	98.2	95.3	33.1	69.2	65.7	60.7	39.5	35.9	127.9	-	-	-
31	12/16/2013 11:40	0:10:00	62.6	90.4	76.5	29.8	67.1	58.4	43.6	41.6	31	123.2	Over	-	-
32	12/16/2013 11:50	0:10:00	82.6	110.3	100	28.5	87.2	70.8	52.8	33.4	29.8	134	Over	-	-
33	12/16/2013 12:00	0:10:00	76.4	104.2	102.6	15.7	73	61.1	57.1	51.9	17.1	134	Over	Under	-
34	12/16/2013 12:10	0:10:00	54.1	81.9	65.5	49.3	55.8	54.1	53.4	51	49.6	88.3	-	-	-
35	12/16/2013 12:20	0:10:00	54.3	82.1	63.9	50.1	56.6	54.4	53.4	51.1	50.4	86.9	-	-	-
36	12/16/2013 12:30	0:10:00	55.9	83.7	68.3	50.3	57.3	54.7	53.8	51.9	50.9	93.7	-	-	-
37	12/16/2013 12:40	0:10:00	56.9	84.7	66.2	51.6	59	56.9	55.9	53.5	52	89.8	-	-	-
38	12/16/2013 12:50	0:10:00	56.3	84.1	62.5	52.1	58.3	56.7	55.8	53.9	52.6	90	-	-	-
39	12/16/2013 13:00	0:10:00	55.8	83.6	64	51.8	57.9	56	55.3	53.1	52.2	86.9	-	-	-
40	12/16/2013 13:10	0:10:00	54.8	82.6	61.5	50.7	56.5	54.9	54.3	52.2	51.3	84.2	-	-	-
41	12/16/2013 13:20	0:10:00	53.3	81	59.6	49.1	55.1	53.8	53	50.6	49.4	88.3	-	-	-
42	12/16/2013 13:30	0:10:00	53.5	81.2	59.4	49.4	55.2	53.9	53.2	51	50.1	88.7	-	-	-

43	12/16/2013 13:40	0:10:00	54.6	82.4	62.8	49.8	56.2	54.8	54	51.8	50.5	88.5	-	-	-
44	12/16/2013 13:50	0:10:00	54.1	81.9	64.6	49.3	55.7	54.1	53.4	51	49.9	87	-	-	-
45	12/16/2013 14:00	0:10:00	53.5	81.3	63.8	48	55.3	53.6	52.9	50.6	48.6	86.3	-	-	-
46	12/16/2013 14:10	0:10:00	52	79.8	58.7	46.9	54.4	52	51.2	48.9	47.8	87.4	-	-	-
47	12/16/2013 14:20	0:10:00	51.4	79.2	57	46.8	53.6	51.8	50.9	48.5	47.4	86.2	-	-	-
48	12/16/2013 14:30	0:10:00	50.3	78.1	56.2	46.8	52.2	50.6	49.9	47.7	47.1	83.7	-	-	-
49	12/16/2013 14:40	0:10:00	51.8	79.6	56.9	48	53.6	52.1	51.5	49.3	48.3	83	-	-	-
50	12/16/2013 14:50	0:10:00	53.3	81.1	68.7	48.4	54	52.4	51.7	49.8	48.9	86	-	-	-
51	12/16/2013 15:00	0:10:00	52	79.8	58.4	48	53.3	52.2	51.8	50.5	48.5	84.7	-	-	-
52	12/16/2013 15:10	0:10:00	54.9	82.7	61.9	48.1	57.2	54.7	53.9	51.6	49.2	87.8	-	-	-
53	12/16/2013 15:20	0:10:00	53.1	80.8	61.4	49.3	54.6	53.2	52.6	50.3	49.5	85.8	-	-	-
54	12/16/2013 15:30	0:10:00	53.1	80.9	61.9	48.7	54.6	52.8	52.2	50.6	49.1	86.2	-	-	-
55	12/16/2013 15:40	0:10:00	54.8	82.6	62.1	49.1	58	54.5	53.6	51	49.5	85	-	-	-
56	12/16/2013 15:50	0:10:00	54.8	82.6	58.9	51.1	56.1	55.1	54.7	53.1	51.6	83.6	-	-	-
57	12/16/2013 16:00	0:10:00	55	82.8	61	50.7	57.1	55.2	54.4	52.7	51.1	86.1	-	-	-
58	12/16/2013 16:10	0:10:00	53.7	81.5	58.6	50.5	55.2	54	53.5	51.9	50.8	83.9	-	-	-
59	12/16/2013 16:20	0:10:00	54.2	82	60.4	50.4	56	54.6	53.8	52	50.7	85.1	-	-	-
60	12/16/2013 16:30	0:10:00	54.1	81.9	59.2	50	55.6	54.3	53.7	52.2	50.7	83.9	-	-	-
61	12/16/2013 16:40	0:10:00	59.2	87	76.8	51.6	58.2	56	55.1	53.1	51.9	98	-	-	-
62	12/16/2013 16:50	0:10:00	58.4	86.2	74.3	51.4	59.7	57.4	56.8	54.1	52.1	88.2	-	-	-
63	12/16/2013 17:00	0:10:00	57.9	85.7	72.4	53.6	58.1	56.9	56.4	54.9	54	86.1	-	-	-
64	12/16/2013 17:10	0:10:00	55.9	83.7	64	52.8	57.3	56.3	55.7	53.9	53.1	83.8	-	-	-
65	12/16/2013 17:20	0:10:00	56.1	83.9	62.7	52.2	57.4	56.4	55.8	53.9	52.4	85.8	-	-	-
66	12/16/2013 17:30	0:10:00	55.8	83.6	65.2	52.5	57.3	55.7	55.2	53.8	52.8	84.9	-	-	-
67	12/16/2013 17:40	0:10:00	55	82.8	58.4	51.2	56.6	55.4	54.7	53.4	51.8	84.7	-	-	-
68	12/16/2013 17:50	0:10:00	54.7	82.5	59.6	51.4	56.1	55	54.4	53	51.7	85.4	-	-	-
69	12/16/2013 18:00	0:10:00	55.9	83.7	60.8	52.7	57.6	56.1	55.5	54.1	53.2	87.2	-	-	-
70	12/16/2013 18:10	0:10:00	56	83.8	61.4	51.9	57.5	56.3	55.9	54.1	52.4	84	-	-	-
71	12/16/2013 18:20	0:10:00	57.1	84.9	63.5	53.1	59.3	57.1	56.3	54.6	53.6	87.4	-	-	-
72	12/16/2013 18:30	0:10:00	57.6	85.4	73.5	52.2	58.8	56.3	55.7	54.2	52.6	93.8	-	-	-
73	12/16/2013 18:40	0:10:00	56.4	84.2	60.9	52.7	57.5	56.8	56.3	54.8	53.4	86.4	-	-	-
74	12/16/2013 18:50	0:10:00	56.6	84.3	60	52.1	58	57	56.5	54.8	52.5	84.2	-	-	-
75	12/16/2013 19:00	0:10:00	56.8	84.6	60.4	54.2	58.1	57.1	56.6	55.3	54.6	86	-	-	-
76	12/16/2013 19:10	0:10:00	55.6	83.4	59.1	52.2	56.9	56.1	55.6	53.9	52.8	83.1	-	-	-
77	12/16/2013 19:20	0:10:00	55.5	83.3	58.1	52.6	56.6	55.9	55.6	53.7	52.8	89.6	-	-	-
78	12/16/2013 19:30	0:10:00	56.6	84.4	61.4	52.9	58.5	56.8	56.1	54.4	53.4	84.8	-	-	-
79	12/16/2013 19:40	0:10:00	56.9	84.6	69.6	51.6	58.2	56.7	56.2	53.8	51.8	87.5	-	-	-
80	12/16/2013 19:50	0:10:00	56	83.8	59.5	52.2	57.6	56.2	55.6	54.1	53.4	82.4	-	-	-
81	12/16/2013 20:00	0:10:00	57.7	85.5	63.5	52.5	59.5	58.1	57.5	55.2	53	84.7	-	-	-
82	12/16/2013 20:10	0:10:00	56.3	84.1	59.9	53.1	58.2	56.8	55.8	54.3	53.4	84.1	-	-	-
83	12/16/2013 20:20	0:10:00	56.7	84.4	70.9	52.3	57.4	55.6	55	53.5	52.8	89	-	-	-
84	12/16/2013 20:30	0:10:00	56	83.8	59	52.4	57.5	56.4	55.9	54	52.8	85.3	-	-	-
85	12/16/2013 20:40	0:10:00	56.4	84.2	62.5	52.3	57.9	56.9	56.2	54.1	52.8	83.7	-	-	-

86	12/16/2013 20:50	0:10:00	57	84.8	61.3	53.6	58.3	57.4	56.8	55.5	54	83.6	-	-	-
87	12/16/2013 21:00	0:10:00	58	85.7	67.8	53.7	58.6	57.6	57.1	55.7	54.3	88.9	-	-	-
88	12/16/2013 21:10	0:10:00	56.6	84.4	61.1	54.3	57.6	57	56.6	55.3	54.6	80.7	-	-	-
89	12/16/2013 21:20	0:10:00	56.8	84.6	61.2	53.8	57.9	57.2	56.7	55.2	54.3	86.7	-	-	-
90	12/16/2013 21:30	0:10:00	58.3	86.1	69	54.6	58.9	57.7	57.1	55.5	54.9	92.5	-	-	-
91	12/16/2013 21:40	0:10:00	57.4	85.2	65.6	53.9	58.7	57.5	57	55.5	54.6	87.5	-	-	-
92	12/16/2013 21:50	0:10:00	57	84.7	59.5	54.7	58.1	57.3	56.9	55.6	55	86.8	-	-	-
93	12/16/2013 22:00	0:10:00	56.9	84.7	60.3	53.9	58	57.3	56.9	55.6	54.6	80.5	-	-	-
94	12/16/2013 22:10	0:10:00	58.5	86.3	68.3	54.1	60	58.7	58.2	56.4	54.7	89.2	-	-	-
95	12/16/2013 22:20	0:10:00	59.1	86.8	63.5	55.2	60.9	59.5	58.8	56.6	55.8	85.3	-	-	-
96	12/16/2013 22:30	0:10:00	58.1	85.9	62.8	54.2	59.5	58.3	57.8	56.4	55.1	86.8	-	-	-
97	12/16/2013 22:40	0:10:00	57.5	85.3	64	54.3	59	57.9	57.2	55.3	54.6	84.1	-	-	-
98	12/16/2013 22:50	0:10:00	57.8	85.6	61.9	53.9	59.8	58.2	57.4	55.4	54.3	86.2	-	-	-
99	12/16/2013 23:00	0:10:00	57.2	85	65.8	53.3	58.6	57.4	56.6	55	54.1	84.1	-	-	-
100	12/16/2013 23:10	0:10:00	56.6	84.4	62.5	53.2	58	56.8	56.3	54.9	53.9	86	-	-	-
101	12/16/2013 23:20	0:10:00	55.6	83.4	60.1	51.6	57.3	56	55.4	53.1	52	85.5	-	-	-
102	12/16/2013 23:30	0:10:00	55.4	83.2	61.1	51.6	57	55.7	55.1	53.4	52.1	84	-	-	-
103	12/16/2013 23:40	0:10:00	54.2	82	59.9	48.5	56.3	54.5	53.7	51.4	49.4	81.3	-	-	-
104	12/16/2013 23:50	0:10:00	54.6	82.4	64.8	48.8	56.3	54.9	54.2	51.8	49.8	88.3	-	-	-
105	12/17/2013 0:00	0:10:00	54	81.8	59	48.2	56.2	54.5	53.6	50.8	48.9	83.2	-	-	-
106	12/17/2013 0:10	0:10:00	53.3	81.1	68	44.9	55.1	53.1	52.3	49.4	46.2	84	-	-	-
107	12/17/2013 0:20	0:10:00	52	79.8	58.3	45.2	54.1	52.3	51.5	48.9	46.1	84.3	-	-	-
108	12/17/2013 0:30	0:10:00	51.8	79.6	59.3	45.1	54.5	52	51	47.8	46.1	82.3	-	-	-
109	12/17/2013 0:40	0:10:00	53.8	81.6	64.3	45.3	56.9	53.8	52.2	47.9	46.3	86.2	-	-	-
110	12/17/2013 0:50	0:10:00	51	78.8	63	42.3	54.1	50.5	48.3	44.5	42.9	81.9	-	-	-
111	12/17/2013 1:00	0:10:00	56.3	84.1	73.6	41	56.4	50.6	47.5	44	41.9	92.1	-	-	-
112	12/17/2013 1:10	0:10:00	49.4	77.2	60.8	42.1	52.9	48	46.8	44.3	42.6	82.8	-	-	-
113	12/17/2013 1:20	0:10:00	49.9	77.7	58.4	41.6	53.1	50.1	48.2	43.6	42	83	-	-	-
114	12/17/2013 1:30	0:10:00	53.2	81	73.4	41.8	53.3	50.3	48.7	44.6	42.8	84.5	-	-	-
115	12/17/2013 1:40	0:10:00	49.6	77.4	62.5	41.8	51.7	49.7	48.6	44.4	42.4	82.8	-	-	-
116	12/17/2013 1:50	0:10:00	49.4	77.1	57.6	42	52.4	49.4	48	44.3	42.8	85.6	-	-	-
117	12/17/2013 2:00	0:10:00	50	77.8	56.5	42.9	52.8	50.4	49.1	45.7	43.7	78.1	-	-	-
118	12/17/2013 2:10	0:10:00	50.5	78.3	57.3	42.9	52.9	50.9	49.8	46.7	44	78.5	-	-	-
119	12/17/2013 2:20	0:10:00	48.8	76.6	56.5	41.5	51.5	48.7	47.5	45.1	41.9	75.5	-	-	-
120	12/17/2013 2:30	0:10:00	47.6	75.4	57.2	41	50.3	47.5	46.4	42.9	41.4	75.1	-	-	-
121	12/17/2013 2:40	0:10:00	47.7	75.5	56.4	40.7	50.5	47.8	46.5	43.3	41.3	77.1	-	-	-
122	12/17/2013 2:50	0:10:00	47	74.8	54.3	42.2	49.5	47.2	46.2	43.8	42.5	74.5	-	-	-
123	12/17/2013 3:00	0:10:00	50.6	78.4	66.9	42	52.4	49.2	47.7	44.9	42.5	89	-	-	-
124	12/17/2013 3:10	0:10:00	45.6	73.3	55.2	39.8	48	45.5	44.3	41.5	40.2	79.5	-	-	-
125	12/17/2013 3:20	0:10:00	44.5	72.3	51.8	39.3	46.9	44.5	43.5	41	39.9	73	-	-	-
126	12/17/2013 3:30	0:10:00	46.3	74.1	57	40.2	49.2	46.1	44.8	42	40.9	72.3	-	-	-
127	12/17/2013 3:40	0:10:00	47.7	75.5	58.9	39.2	51.4	47	44.6	40.9	39.7	74.4	-	-	-
128	12/17/2013 3:50	0:10:00	48.5	76.2	64.6	40.6	51.3	47.3	45.8	42.8	41.3	81.6	-	-	-

129	12/17/2013 4:00	0:10:00	48	75.8	58.1	39.5	52.1	46.6	44.6	41.5	40.1	76.1	-	-	-
130	12/17/2013 4:10	0:10:00	48.8	76.6	58.2	41.2	52.4	48.1	46.5	43.6	41.9	74.7	-	-	-
131	12/17/2013 4:20	0:10:00	55.5	83.3	72.9	44.9	55.3	51.2	49.7	46.8	45.5	93.8	-	-	-
132	12/17/2013 4:30	0:10:00	53	80.7	65.4	45.8	55	52	50.7	47.9	46.7	85.1	-	-	-
133	12/17/2013 4:40	0:10:00	52.8	80.5	59.4	46.2	55.3	52.8	51.8	49.2	47.1	83.8	-	-	-
134	12/17/2013 4:50	0:10:00	52.7	80.4	59.2	46.6	55	53.1	52	48.7	47	79.8	-	-	-
135	12/17/2013 5:00	0:10:00	53	80.8	57.8	48.5	55.4	53.4	52.5	50	48.9	83.6	-	-	-
136	12/17/2013 5:10	0:10:00	53.3	81.1	59.5	48.3	55.3	53.7	52.8	50.3	49.2	86.1	-	-	-
137	12/17/2013 5:20	0:10:00	53.7	81.5	58.5	48.6	55.8	54	53.2	51	49.5	82.2	-	-	-
138	12/17/2013 5:30	0:10:00	55.4	83.2	64.4	51.4	57.4	55.6	54.6	52.9	51.9	81.7	-	-	-
139	12/17/2013 5:40	0:10:00	56.6	84.3	61.7	51.6	58.4	56.9	56.1	54.2	53	85.9	-	-	-
140	12/17/2013 5:50	0:10:00	56.4	84.2	61.8	51.5	58.5	56.9	56	53.7	52.1	81.4	-	-	-
141	12/17/2013 6:00	0:10:00	57.2	85	65.2	52.8	59.4	57.3	56.5	54.8	53.2	82.8	-	-	-
142	12/17/2013 6:10	0:10:00	57.9	85.7	62	51.3	59.8	58.5	57.7	55.1	52.8	84.7	-	-	-
143	12/17/2013 6:20	0:10:00	57.4	85.2	62.1	52.3	59.4	58.1	57	54	52.6	81.1	-	-	-
144	12/17/2013 6:30	0:10:00	58.2	86	63.7	53.7	59.9	58.7	57.9	55.8	54.5	85.3	-	-	-
145	12/17/2013 6:40	0:10:00	59.6	87.4	68.6	54.6	61.5	60.1	59.2	56.6	55	85.8	-	-	-
146	12/17/2013 6:50	0:10:00	59.5	87.2	62.3	56	61	59.8	59.3	57.8	56.5	85	-	-	-
147	12/17/2013 7:00	0:10:00	58.9	86.7	62	55.7	60.1	59.3	58.8	57.5	56.7	85.6	-	-	-
148	12/17/2013 7:10	0:10:00	58.3	86.1	61.3	56	59.3	58.6	58.2	57	56.4	87.7	-	-	-
149	12/17/2013 7:20	0:10:00	59.4	87.2	62.8	56.6	60.4	59.7	59.3	58.2	57.3	85.5	-	-	-
150	12/17/2013 7:30	0:10:00	59.1	86.9	62.9	56.6	60.4	59.5	59	57.6	56.9	87.3	-	-	-
151	12/17/2013 7:40	0:10:00	59.5	87.3	62.6	56.1	60.6	59.9	59.5	58.3	56.5	88.8	-	-	-
152	12/17/2013 7:50	0:10:00	59.1	86.9	62.5	56.6	60.2	59.4	59	57.9	56.9	86.8	-	-	-
153	12/17/2013 8:00	0:10:00	59.2	87	62	56.8	60.2	59.5	59.1	58.1	57.4	85.4	-	-	-
154	12/17/2013 8:10	0:10:00	59	86.8	70.5	56.4	59.6	58.7	58.4	57.3	56.6	91.9	-	-	-
155	12/17/2013 8:20	0:10:00	57.6	85.4	63.9	55.7	58.7	58	57.5	56.3	55.9	88.4	-	-	-
156	12/17/2013 8:30	0:10:00	56.9	84.7	61.9	54.2	58.2	57.3	56.7	55.4	54.5	90.7	-	-	-
157	12/17/2013 8:40	0:10:00	56.5	84.3	68.2	53.4	58.3	56.2	55.7	54.5	53.8	90.2	-	-	-
158	12/17/2013 8:50	0:10:00	54.6	82.4	61	51.4	55.8	54.7	54.2	53.2	52.1	87.9	-	-	-
159	12/17/2013 9:00	0:10:00	53.2	80.9	58.4	49.2	54.4	53.2	52.8	51.9	50.5	85.3	-	-	-
160	12/17/2013 9:10	0:10:00	54	81.8	61.3	50.5	55.5	54.1	53.6	52.3	51.1	88.3	-	-	-
161	12/17/2013 9:20	0:10:00	54.8	82.6	59.3	50.7	56.7	55.4	54.4	52.1	51.2	83.6	-	-	-
162	12/17/2013 9:30	0:10:00	55.7	83.5	61.1	52.1	57.2	55.9	55.4	53.9	52.8	86.4	-	-	-
163	12/17/2013 9:40	0:10:00	56.8	84.6	63.3	53.3	58.5	57	56.5	54.6	53.7	88.3	-	-	-
164	12/17/2013 9:50	0:10:00	56.8	84.6	63.5	51.4	58.5	56.9	56.3	54.3	52.4	88.3	-	-	-
165	12/17/2013 10:00	0:10:00	55	82.8	61.2	51.8	56.8	55.3	54.6	52.7	52	86.9	-	-	-
166	12/17/2013 10:10	0:10:00	54.5	82.3	58.6	49.5	56.2	55	54.4	52.3	50.2	83.5	-	-	-
167	12/17/2013 10:20	0:10:00	54.2	82	67.1	48.9	55.6	53.8	53	51.1	49.7	90.8	-	-	-
168	12/17/2013 10:30	0:10:00	52.9	80.7	58.4	47.9	54.9	53.3	52.5	50.3	48.8	88	-	-	-
169	12/17/2013 10:40	0:10:00	52.4	80.2	59.7	47.2	54.4	52.4	51.7	49.5	48.4	86.5	-	-	-
170	12/17/2013 10:50	0:10:00	51.7	79.4	58.8	47.4	53.3	52	51.4	49.4	47.9	84.2	-	-	-
171	12/17/2013 11:00	0:10:00	51.8	79.5	56.4	48.2	53.5	51.9	51.4	49.8	48.6	85.9	-	-	-

172	12/17/2013 11:10	0:10:00	51.9	79.7	56.3	47.7	53.6	52.4	51.7	49.4	48.3	83	-	-	-
173	12/17/2013 11:20	0:10:00	52.6	80.4	68.2	48.5	53.4	51.9	51.4	49.4	48.8	88.7	-	-	-
174	12/17/2013 11:30	0:10:00	51.4	79.2	58.1	48.6	52.8	51.5	51	49.8	49	84.8	-	-	-
175	12/17/2013 11:40	0:10:00	51.7	79.5	57.5	48.5	53.3	51.7	51.3	49.9	49	83.8	-	-	-
176	12/17/2013 11:50	0:10:00	51.7	79.5	61.4	48.3	53.2	51.4	50.7	49.5	48.9	83.6	-	-	-
177	12/17/2013 12:00	0:10:00	52	79.8	59.7	48.4	54.4	51.7	51.1	49.5	48.7	82.6	-	-	-
178	12/17/2013 12:10	0:10:00	51.4	79.1	65	46.8	52.9	50.8	50.2	48.6	47.3	89.8	-	-	-
179	12/17/2013 12:20	0:10:00	52.6	80.4	59.7	46.8	54.7	52.6	51.7	49.6	47.7	83.3	-	-	-
180	12/17/2013 12:30	0:10:00	52.1	79.9	70.2	45.8	52.1	50.2	49.5	47.4	46.3	95	-	-	-
181	12/17/2013 12:40	0:10:00	50.6	78.4	57.1	46.9	52.4	50.7	50.1	48.2	47.3	81.7	-	-	-
182	12/17/2013 12:50	0:10:00	53.1	80.9	70.2	47.9	53.6	52.1	51.4	49.5	48.4	87	-	-	-
183	12/17/2013 13:00	0:10:00	54.3	82.1	60	49.9	56.2	54.5	53.8	51.7	50.3	82.6	-	-	-
184	12/17/2013 13:10	0:10:00	54.6	82.4	63.5	50	56.3	54.6	54	51.3	50.4	84.5	-	-	-
185	12/17/2013 13:20	0:10:00	53.8	81.6	59.2	50.1	55.5	54.1	53.6	51.9	50.8	85.1	-	-	-
186	12/17/2013 13:30	0:10:00	53.7	81.5	64.6	48.9	55.5	53.9	52.9	50.8	49.2	85.9	-	-	-
187	12/17/2013 13:40	0:10:00	82.1	109.8	107.1	15.8	72.6	56.8	53.3	43.4	25.7	134	Over	Under	-
188	12/17/2013 13:50	0:10:00	70.8	98.6	94.4	41.4	70.3	64.9	63	47.2	42.5	134	Over	-	-
189	12/17/2013 14:00	0:10:00	73	100.7	95.6	43	71.2	64.7	61.2	46.5	43.8	133.9	Over	-	-
190	12/17/2013 14:10	0:10:00	68.4	96.2	77.7	49.9	72.6	68.2	65.2	60.7	54.2	119.8	-	-	-
191	12/17/2013 14:20	0:10:00	65.6	93.4	75.5	51	68.9	65.9	64.1	60.2	53.4	119.9	-	-	-
192	12/17/2013 14:30	0:10:00	67.6	95.3	77.3	49.6	70.2	67.6	66.8	62.6	51.1	121	-	-	-
193	12/17/2013 14:40	0:10:00	68.8	96.6	73.9	62.7	71.2	69.2	67.9	65.9	64.5	120.3	-	-	-
194	12/17/2013 14:50	0:10:00	68.5	96.3	77.6	60.3	70.5	69.1	68	64.6	61.3	120	-	-	-
195	12/17/2013 15:00	0:10:00	66.6	94.4	76.1	18.7	70.5	67	65.7	47.1	19.4	120.6	-	Under	-
196	12/17/2013 15:10	0:10:00	20.5	48.3	34.4	17.9	21.1	19.3	19	18.2	18	71.3	-	Under	-
197	12/17/2013 15:20	0:10:00	40.4	68.2	67.6	17.9	22.4	19.6	18.9	18.2	18	119.9	Over	Under	-
198	12/17/2013 15:30	0:10:00	72.9	100.7	98.7	17.9	34.2	19.9	19.3	18.5	18	134	Over	Under	-
199	12/17/2013 15:40	0:10:00	58.8	86.5	69.5	18.4	64.4	53.6	36.1	19.3	18.5	123.4	Over	Under	-
200	12/17/2013 15:50	0:10:00	72.8	100.6	96.3	28.1	68.2	58.8	47.5	41.3	29.3	133.5	Over	-	-
201	12/17/2013 16:00	0:10:00	44.7	72.5	46.1	42.8	45.4	44.9	44.7	43.8	43.3	82.2	-	-	-
202	12/17/2013 16:10	0:10:00	45.9	73.7	47.7	44.8	46.4	46.1	45.8	45.3	45	79.1	-	-	-
203	12/17/2013 16:20	0:10:00	46.6	74.4	47.7	44.3	47.2	47	46.7	45.8	45.2	79.2	-	-	-
204	12/17/2013 16:30	0:10:00	47	74.8	48	46.2	47.3	47.1	47	46.7	46.4	80.4	-	-	-
205	12/17/2013 16:40	0:10:00	47.4	75.2	58.4	46.3	47.4	47.3	47.2	46.9	46.7	95.4	-	-	-
206	12/17/2013 16:50	0:10:00	47.1	74.9	59.3	46.1	47.2	47	46.9	46.5	46.3	99.7	-	-	-
207	12/17/2013 17:00	0:10:00	47	74.8	47.9	46.2	47.3	47.1	47	46.7	46.4	80.1	-	-	-
208	12/17/2013 17:10	0:10:00	47	74.8	47.9	46.1	47.4	47.2	47	46.7	46.3	81.4	-	-	-
209	12/17/2013 17:20	0:10:00	47.1	74.9	47.8	46.3	47.5	47.3	47.1	46.7	46.4	85.2	-	-	-
210	12/17/2013 17:30	0:10:00	47.3	75.1	48.1	46.4	47.6	47.4	47.3	47	46.7	80.1	-	-	-
211	12/17/2013 17:40	0:10:00	47.4	75.2	48.1	46.6	47.7	47.5	47.4	47.1	46.8	81.3	-	-	-
212	12/17/2013 17:50	0:10:00	47.6	75.4	48.3	46.7	47.9	47.7	47.6	47.2	46.9	79.4	-	-	-
213	12/17/2013 18:00	0:10:00	49.3	77	64.2	46.4	50.3	47.6	47.5	47	46.6	101.6	-	-	-
214	12/17/2013 18:10	0:10:00	49.2	77	64.3	46.1	50.6	47.9	47.5	46.7	46.4	101.1	-	-	-

215	12/17/2013 18:20	0:10:00	75.5	103.3	100.6	47	50.3	49.7	49.5	48.7	47.3	134	Over	-	-
216	12/17/2013 18:30	0:10:00	50.2	78	51.2	49.3	50.5	50.3	50.2	49.9	49.6	80.2	-	-	-
217	12/17/2013 18:40	0:10:00	50.2	78	51	49.3	50.6	50.4	50.2	49.9	49.6	81.1	-	-	-
218	12/17/2013 18:50	0:10:00	50	77.8	50.9	48.9	50.4	50.1	50	49.6	49.2	80.1	-	-	-
219	12/17/2013 19:00	0:10:00	50.1	77.9	50.9	49.4	50.4	50.2	50.1	49.8	49.6	80.5	-	-	-
220	12/17/2013 19:10	0:10:00	49.8	77.6	51	48.3	50.4	50.1	49.8	49.2	48.7	80.4	-	-	-
221	12/17/2013 19:20	0:10:00	50.1	77.8	51	49.1	50.5	50.2	50	49.7	49.4	80.5	-	-	-
222	12/17/2013 19:30	0:10:00	50.3	78	51.2	49.4	50.6	50.4	50.3	49.9	49.6	81.1	-	-	-
223	12/17/2013 19:40	0:10:00	50.1	77.8	51.3	48.8	50.6	50.3	50.1	49.5	49.1	80.4	-	-	-
224	12/17/2013 19:50	0:10:00	50.3	78.1	51.1	49.6	50.6	50.4	50.3	50	49.8	80.3	-	-	-
225	12/17/2013 20:00	0:10:00	50.1	77.8	51.1	48.6	50.6	50.3	50.1	49.5	49.1	80.9	-	-	-
226	12/17/2013 20:10	0:10:00	50.4	78.2	51.2	49.4	50.7	50.5	50.4	50.1	49.8	79.8	-	-	-
227	12/17/2013 20:20	0:10:00	50.4	78.2	51.1	49.6	50.7	50.5	50.4	50.1	49.9	80.7	-	-	-
228	12/17/2013 20:30	0:10:00	49.9	77.7	51	48.7	50.3	50	49.9	49.4	49.1	80.4	-	-	-
229	12/17/2013 20:40	0:10:00	50	77.8	50.8	49.1	50.3	50.1	50	49.7	49.4	80.5	-	-	-
230	12/17/2013 20:50	0:10:00	49.8	77.6	50.7	48.6	50.2	50	49.8	49.3	48.9	81	-	-	-
231	12/17/2013 21:00	0:10:00	49.9	77.7	50.7	49	50.2	50	49.9	49.5	49.3	80	-	-	-
232	12/17/2013 21:10	0:10:00	49.8	77.6	50.8	48.5	50.3	50	49.8	49.3	48.9	80.2	-	-	-
233	12/17/2013 21:20	0:10:00	49.7	77.5	50.9	48	50.3	50	49.8	48.9	48.5	80.1	-	-	-
234	12/17/2013 21:30	0:10:00	49.7	77.4	50.6	48.8	50	49.8	49.6	49.3	49.1	80.7	-	-	-
235	12/17/2013 21:40	0:10:00	49.4	77.2	50.4	48.2	49.8	49.5	49.4	48.9	48.6	80.1	-	-	-
236	12/17/2013 21:50	0:10:00	49.5	77.3	50.6	48.6	49.9	49.6	49.5	49.1	48.8	80.2	-	-	-
237	12/17/2013 22:00	0:10:00	49.5	77.3	50.3	48.6	49.8	49.6	49.5	49.2	48.9	80	-	-	-
238	12/17/2013 22:10	0:10:00	48.8	76.6	50.3	47.5	49.5	49.1	48.8	48.1	47.8	79.7	-	-	-
239	12/17/2013 22:20	0:10:00	49.1	76.9	50	48	49.5	49.2	49.1	48.7	48.4	79.9	-	-	-
240	12/17/2013 22:30	0:10:00	48.9	76.7	49.8	47.5	49.3	49.1	48.9	48.4	48	79.9	-	-	-
241	12/17/2013 22:40	0:10:00	48.9	76.7	49.9	47.6	49.3	49.1	48.9	48.3	47.9	80.2	-	-	-
242	12/17/2013 22:50	0:10:00	48.8	76.6	49.7	47.8	49.2	49	48.8	48.4	48.1	80	-	-	-
243	12/17/2013 23:00	0:10:00	48.5	76.3	49.6	47.3	49	48.6	48.5	48	47.7	80.3	-	-	-
244	12/17/2013 23:10	0:10:00	48.8	76.5	49.6	47.8	49.1	48.9	48.7	48.4	48.2	79.6	-	-	-
245	12/17/2013 23:20	0:10:00	48.5	76.3	49.6	47.2	49.1	48.7	48.6	48	47.6	80.1	-	-	-
246	12/17/2013 23:30	0:10:00	48.3	76	49.6	46.9	48.7	48.4	48.3	47.7	47.3	79.6	-	-	-
247	12/17/2013 23:40	0:10:00	48.6	76.3	49.5	47.6	48.9	48.7	48.6	48.1	47.8	79.9	-	-	-
248	12/17/2013 23:50	0:10:00	48.4	76.2	49.7	47	49	48.6	48.4	47.9	47.5	79.8	-	-	-
249	12/18/2013 0:00	0:10:00	48.7	76.5	49.7	47.6	49.1	48.8	48.7	48.2	47.9	80.3	-	-	-
250	12/18/2013 0:10	0:10:00	48.1	75.9	49.5	46.6	48.8	48.3	48.1	47.3	46.9	79.9	-	-	-
251	12/18/2013 0:20	0:10:00	48.3	76.1	49.5	46.5	48.9	48.5	48.3	47.6	46.9	79.8	-	-	-
252	12/18/2013 0:30	0:10:00	48	75.8	49.3	46.5	48.6	48.3	48.1	47.4	47	79.5	-	-	-
253	12/18/2013 0:40	0:10:00	47.8	75.5	48.9	46.4	48.3	47.9	47.7	47.2	46.8	79.5	-	-	-
254	12/18/2013 0:50	0:10:00	48.1	75.9	49.1	46.8	48.5	48.3	48.1	47.7	47.3	79.5	-	-	-
255	12/18/2013 1:00	0:10:00	47.7	75.5	49	46.3	48.2	47.9	47.7	47.2	46.8	79.2	-	-	-
256	12/18/2013 1:10	0:10:00	47.8	75.6	48.8	46.8	48.2	48	47.9	47.4	47.1	79.6	-	-	-
257	12/18/2013 1:20	0:10:00	47.7	75.5	48.8	46.4	48.2	47.9	47.7	47.2	46.8	79.3	-	-	-

258	12/18/2013 1:30	0:10:00	48.1	75.9	49.2	47	48.6	48.3	48.1	47.6	47.3	79.2	-	-	-
259	12/18/2013 1:40	0:10:00	47.7	75.5	49	46	48.4	48	47.8	46.9	46.4	79.4	-	-	-
260	12/18/2013 1:50	0:10:00	47.6	75.4	48.9	45.8	48.2	47.8	47.6	46.8	46.3	79.6	-	-	-
261	12/18/2013 2:00	0:10:00	48.1	75.9	49.1	46.7	48.6	48.3	48.1	47.7	47.2	79.8	-	-	-
262	12/18/2013 2:10	0:10:00	47.8	75.6	48.9	46.5	48.3	48	47.8	47.3	46.9	79.6	-	-	-
263	12/18/2013 2:20	0:10:00	48.3	76.1	49.3	47.3	48.7	48.4	48.3	47.9	47.6	79.6	-	-	-
264	12/18/2013 2:30	0:10:00	47.8	75.5	49	46.6	48.3	47.9	47.8	47.2	46.9	79.2	-	-	-
265	12/18/2013 2:40	0:10:00	48	75.8	49.2	47	48.5	48.2	48	47.6	47.3	79.7	-	-	-
266	12/18/2013 2:50	0:10:00	47.9	75.7	49.1	46.4	48.4	48.1	47.9	47.3	46.8	79.5	-	-	-
267	12/18/2013 3:00	0:10:00	47.9	75.7	48.9	46.6	48.4	48	47.9	47.4	47	79.2	-	-	-
268	12/18/2013 3:10	0:10:00	47.9	75.7	48.9	46.7	48.3	48.1	47.9	47.5	47	79.5	-	-	-
269	12/18/2013 3:20	0:10:00	47.6	75.3	48.6	46.4	48	47.7	47.6	47.1	46.7	79.2	-	-	-
270	12/18/2013 3:30	0:10:00	47.9	75.7	49	46.7	48.4	48.1	47.9	47.4	47	79.8	-	-	-
271	12/18/2013 3:40	0:10:00	47.6	75.4	48.9	46.2	48.1	47.8	47.6	47.1	46.7	79.2	-	-	-
272	12/18/2013 3:50	0:10:00	47.8	75.6	48.9	46.6	48.2	47.9	47.8	47.4	47.1	79.7	-	-	-
273	12/18/2013 4:00	0:10:00	47.8	75.6	48.7	46.5	48.2	48	47.8	47.3	46.8	79.7	-	-	-
274	12/18/2013 4:10	0:10:00	47.7	75.5	48.9	46.4	48.3	47.9	47.7	47.1	46.8	79.3	-	-	-
275	12/18/2013 4:20	0:10:00	47.9	75.7	48.9	47	48.3	48.1	47.9	47.5	47.2	79.9	-	-	-
276	12/18/2013 4:30	0:10:00	47.6	75.4	48.7	46.2	48.1	47.7	47.6	47.1	46.7	79.8	-	-	-
277	12/18/2013 4:40	0:10:00	47.4	75.2	48.4	46.3	47.8	47.6	47.4	47	46.7	79.3	-	-	-
278	12/18/2013 4:50	0:10:00	47.3	75.1	48.5	46.1	47.8	47.5	47.3	46.8	46.6	79.5	-	-	-
279	12/18/2013 5:00	0:10:00	47.4	75.1	48.5	46.1	47.8	47.5	47.4	46.9	46.5	79.4	-	-	-
280	12/18/2013 5:10	0:10:00	47.6	75.4	48.6	46.4	48.1	47.8	47.6	47.2	46.9	79.3	-	-	-
281	12/18/2013 5:20	0:10:00	47.1	74.9	48.7	45.7	47.8	47.3	47.1	46.5	46.1	79.2	-	-	-
282	12/18/2013 5:30	0:10:00	47.6	75.3	48.6	46.5	48	47.7	47.6	47.1	46.8	83.1	-	-	-
283	12/18/2013 5:40	0:10:00	47.8	75.6	48.9	46.8	48.2	48	47.8	47.3	47	83.9	-	-	-
284	12/18/2013 5:50	0:10:00	47.8	75.6	48.9	46.7	48.3	48	47.8	47.3	47	84.8	-	-	-
285	12/18/2013 6:00	0:10:00	47.5	75.3	48.8	46.3	48	47.7	47.5	47	46.6	83.6	-	-	-
286	12/18/2013 6:10	0:10:00	47.4	75.2	48.7	46	48	47.6	47.3	46.8	46.5	84.5	-	-	-
287	12/18/2013 6:20	0:10:00	48	75.8	49	47	48.4	48.2	48	47.6	47.3	83.5	-	-	-
288	12/18/2013 6:30	0:10:00	48.3	76.1	49.2	47.1	48.8	48.5	48.3	47.8	47.5	84.7	-	-	-
289	12/18/2013 6:40	0:10:00	48.4	76.2	49.6	47	48.9	48.6	48.4	47.8	47.4	84.2	-	-	-
290	12/18/2013 6:50	0:10:00	48.2	76	49.7	47.2	48.8	48.4	48.2	47.8	47.5	85	-	-	-
291	12/18/2013 7:00	0:10:00	48.4	76.2	49.5	47.4	48.8	48.5	48.4	48	47.7	84.4	-	-	-
292	12/18/2013 7:10	0:10:00	48	75.8	49.1	46.6	48.4	48.1	48	47.6	47.2	83.7	-	-	-
293	12/18/2013 7:20	0:10:00	47.9	75.6	48.9	46.6	48.3	48	47.9	47.4	47	85.7	-	-	-
294	12/18/2013 7:30	0:10:00	47.9	75.7	49.3	46.1	48.5	48.1	47.9	47.2	46.7	84.8	-	-	-
295	12/18/2013 7:40	0:10:00	47.9	75.7	49.2	46.7	48.4	48.1	47.9	47.4	47	84.4	-	-	-
296	12/18/2013 7:50	0:10:00	48.5	76.2	49.9	47.1	49	48.6	48.5	47.9	47.5	86	-	-	-
297	12/18/2013 8:00	0:10:00	48.7	76.5	49.8	47.4	49.2	48.9	48.7	48.2	47.8	84.8	-	-	-
298	12/18/2013 8:10	0:10:00	48.5	76.3	49.7	46.9	49	48.7	48.5	48	47.5	84.8	-	-	-
299	12/18/2013 8:20	0:10:00	48.8	76.5	49.8	47	49.2	48.9	48.8	48.3	47.5	84.6	-	-	-
300	12/18/2013 8:30	0:10:00	49.4	77.1	51.1	48	49.9	49.5	49.3	48.8	48.5	85.6	-	-	-

301	12/18/2013 8:40	0:10:00	49.4	77.2	50.8	48	49.9	49.6	49.4	48.9	48.5	86.3	-	-	-
302	12/18/2013 8:50	0:10:00	49.8	77.6	51.5	48.1	50.3	50	49.8	49.2	48.7	86	-	-	-
303	12/18/2013 9:00	0:06:03	68.9	94.5	91.2	48.2	54.6	49.9	49.7	49.2	48.7	131.1	Over	-	-

Address	Time	Measurme	LAeq	LAE	LAmax	LAmin	LA01	LA10	LA50	LA90	LA99	LCpeak	Over	Under	Pause
1	12/16/2013 6:40	0:10:00	92.6	120.4	113.9	29.1	98.8	70.3	42.3	33.5	31.2	134	Over	-	-
2	12/16/2013 6:50	0:10:00	68	95.8	86.5	40.2	76.2	71.6	64.6	44.4	41.5	120.6	-	-	-
3	12/16/2013 7:00	0:10:00	69.8	97.6	82.7	60.9	74.6	71.8	69.3	66.4	63.8	120	-	-	-
4	12/16/2013 7:10	0:10:00	69.1	96.8	82.7	47.9	75.3	71.3	68.5	63.1	51	117.9	-	-	-
5	12/16/2013 7:20	0:10:00	66.3	94	81.3	47.3	74.2	68.9	65	59.3	48.8	117.5	-	-	-
6	12/16/2013 7:30	0:10:00	66.9	94.7	80.5	46.7	75	69.7	65.6	53.6	49.3	119.8	-	-	-
7	12/16/2013 7:40	0:10:00	63.7	91.4	78.8	44.6	70	66.8	62.7	52.1	48.1	116.5	-	-	-
8	12/16/2013 7:50	0:10:00	61.8	89.6	75.7	45.2	67.8	64.9	61.4	50.3	47.8	113.5	-	-	-
9	12/16/2013 8:00	0:10:00	71	98.7	87.5	43.4	80.4	75.2	66.2	48.4	46.3	120.8	-	-	-
10	12/16/2013 8:10	0:10:00	67.6	95.4	83.2	43.2	76.8	71.5	64.5	48.5	46.3	119.9	-	-	-
11	12/16/2013 8:20	0:10:00	56.2	83.9	75.5	25.4	68.2	59.7	46.8	28.5	27.1	118.7	-	Under	-
12	12/16/2013 8:30	0:10:00	31.9	59.7	47.7	24.9	39.9	33.5	30.1	28.1	26.9	83.2	-	Under	-
13	12/16/2013 8:40	0:10:00	62.6	90.4	84.1	25.4	75	66.3	32	28.3	26.8	122	Over	Under	-
14	12/16/2013 8:50	0:10:00	58.9	86.7	82.6	25	69.2	63.3	32.8	28.3	26.5	119.8	-	Under	-
15	12/16/2013 9:00	0:10:00	30.7	58.5	45.6	24.3	37.3	33	29.4	27.1	25.8	75.3	-	Under	-
16	12/16/2013 9:10	0:10:00	49.4	77.2	75.7	23.3	63.5	37.8	29.2	26.4	24.7	121.3	Over	Under	-
17	12/16/2013 9:20	0:10:00	65	92.8	87	32.2	75.4	67.7	61.8	44	34.2	122.8	-	-	-
18	12/16/2013 9:30	0:10:00	61.1	88.9	96.7	21.8	55.9	40.3	29.5	25.1	23.3	133.3	Over	Under	-
19	12/16/2013 9:40	0:10:00	32.4	60.1	47.9	21.5	39.8	35.4	30.3	25.3	23.5	75.3	-	Under	-
20	12/16/2013 9:50	0:10:00	68.4	96.2	102.4	26	75.2	64	40.7	31.1	28.2	134	Over	Under	-
21	12/16/2013 10:00	0:10:00	76.5	104.3	110.3	14.4	82	64.2	52.3	41.7	15.5	131.9	Over	Under	-
22	12/16/2013 10:10	0:10:00	50.1	77.9	73.1	40.6	57.5	51.3	48.8	46.4	42.8	93.9	-	-	-
23	12/16/2013 10:20	0:10:00	48.2	76	65.6	40	54.2	50.9	47.1	42.4	41.1	92.2	-	-	-
24	12/16/2013 10:30	0:10:00	49.8	77.6	74.9	37.6	58.1	52.7	44.6	41.5	39.6	99.6	-	-	-
25	12/16/2013 10:40	0:10:00	45.4	73.2	59.1	37.9	51.5	47.7	44.5	41.9	40.5	78.7	-	-	-
26	12/16/2013 10:50	0:10:00	44.4	72.2	60.9	35.8	50.6	46.8	43.5	39.8	37	78.5	-	-	-
27	12/16/2013 11:00	0:10:00	46.3	74.1	57	38.1	55.1	48.4	45.1	41.5	39.1	78.3	-	-	-
28	12/16/2013 11:10	0:10:00	46.9	74.7	65.5	36	57.5	48.4	43.8	40.8	38.3	86.3	-	-	-
29	12/16/2013 11:20	0:10:00	45.6	73.4	55	34.8	52	48.3	44.8	40.4	37	80.8	-	-	-
30	12/16/2013 11:30	0:10:00	51.6	79.4	71.9	41.1	64.5	51.2	47.7	44.9	42.6	86.4	-	-	-
31	12/16/2013 11:40	0:10:00	49	76.8	66.7	43.7	54	50.4	47.8	45.9	44.5	83.8	-	-	-
32	12/16/2013 11:50	0:10:00	47.7	75.5	59.2	41.2	55.1	49.9	46.3	44.2	42.4	83.5	-	-	-
33	12/16/2013 12:00	0:10:00	50.8	78.5	67.4	41.6	59.2	52.1	48.8	46.3	43.1	86.3	-	-	-
34	12/16/2013 12:10	0:10:00	49.2	77	59.1	43.8	54.3	51.2	48.5	46.6	44.8	80.5	-	-	-
35	12/16/2013 12:20	0:10:00	52.4	80.2	71	44.8	62.5	52.9	49.8	47.6	46.3	86	-	-	-
36	12/16/2013 12:30	0:10:00	49.5	77.3	58.5	44.1	55.2	51.4	48.8	46.8	45.5	85.3	-	-	-
37	12/16/2013 12:40	0:10:00	49.9	77.6	60.5	44.4	55.4	51.9	49.1	47	45.5	80.3	-	-	-
38	12/16/2013 12:50	0:10:00	49.6	77.4	57.9	45.1	53.6	51.4	49.2	47.4	46	81.6	-	-	-
39	12/16/2013 13:00	0:10:00	49.7	77.5	58.3	44.6	54.8	52	48.9	46.9	45.4	80	-	-	-
40	12/16/2013 13:10	0:10:00	50.3	78.1	60.6	45.4	55.7	52.1	49.7	48.1	46.7	80.8	-	-	-
41	12/16/2013 13:20	0:10:00	49.1	76.9	58.6	45.1	54.4	50.8	48.5	46.9	45.7	79.7	-	-	-
42	12/16/2013 13:30	0:10:00	48.7	76.4	57.8	44.3	53.5	50.4	48	46.7	45.7	79.2	-	-	-

43	12/16/2013 13:40	0:10:00	50	77.7	58.7	44.5	55.5	52	49.2	47.3	46	85.1	-	-	-
44	12/16/2013 13:50	0:10:00	48.4	76.2	63.4	44.1	51.4	49.9	48	46.6	45.5	79.9	-	-	-
45	12/16/2013 14:00	0:10:00	48.9	76.7	60.9	43.4	53	50.4	48.4	47	44.5	81.1	-	-	-
46	12/16/2013 14:10	0:10:00	49.9	77.7	63.2	43.7	57.6	52.3	48.2	46.2	45.1	85.4	-	-	-
47	12/16/2013 14:20	0:10:00	48.3	76.1	60.5	43.7	54.5	50.5	47.3	45.6	44.7	79.8	-	-	-
48	12/16/2013 14:30	0:10:00	46.4	74.2	62.6	41.9	51.1	47.6	45.9	44.6	42.9	79.1	-	-	-
49	12/16/2013 14:40	0:10:00	48.8	76.5	59.2	44.2	54.7	50.6	47.9	46	44.8	79.7	-	-	-
50	12/16/2013 14:50	0:10:00	49.5	77.3	61.3	44.7	53.5	50.8	49.3	47.2	45.7	79.3	-	-	-
51	12/16/2013 15:00	0:10:00	48.3	76	56.6	44.3	53	49.9	47.8	46.2	45.3	80.1	-	-	-
52	12/16/2013 15:10	0:10:00	48.6	76.4	59.1	43.8	54.7	50.6	47.8	45.8	44.9	81.8	-	-	-
53	12/16/2013 15:20	0:10:00	48.3	76	56.9	43.3	52.1	50.3	47.7	45.3	44.2	81	-	-	-
54	12/16/2013 15:30	0:10:00	50.1	77.8	61	45.3	56.1	52.3	49.2	47.2	46	83.1	-	-	-
55	12/16/2013 15:40	0:10:00	49.5	77.3	54.8	44.8	52.7	51.1	49.3	47.4	45.8	79.1	-	-	-
56	12/16/2013 15:50	0:10:00	49.7	77.5	63.4	44.7	54	51.3	49.3	47.4	45.5	82.9	-	-	-
57	12/16/2013 16:00	0:10:00	50.7	78.5	57.3	46.9	54.4	52.5	50.3	48.7	47.7	81.4	-	-	-
58	12/16/2013 16:10	0:10:00	50.6	78.4	61.6	47	54.3	52.1	50.3	48.7	47.7	80.6	-	-	-
59	12/16/2013 16:20	0:10:00	51.2	79	57.2	46.5	54.7	52.9	50.9	49	47.7	80.6	-	-	-
60	12/16/2013 16:30	0:10:00	50	77.8	56.8	45.7	53.5	51.4	49.8	48.2	47.1	82.4	-	-	-
61	12/16/2013 16:40	0:10:00	51.3	79.1	63.3	45.8	57.8	53.6	50.2	48.5	47.3	83.5	-	-	-
62	12/16/2013 16:50	0:10:00	49.5	77.3	59.3	45.6	55.3	50.9	48.9	47.7	46.6	81.6	-	-	-
63	12/16/2013 17:00	0:10:00	49.4	77.2	60.3	46.2	53.8	50.6	48.9	47.9	47.1	78.1	-	-	-
64	12/16/2013 17:10	0:10:00	49.6	77.4	57.2	46.2	53.8	51.1	49.1	47.8	47	78.9	-	-	-
65	12/16/2013 17:20	0:10:00	50.8	78.6	60.8	46	55.5	52.3	50.4	48.4	47	81.2	-	-	-
66	12/16/2013 17:30	0:10:00	50	77.8	55.3	45.8	52.9	51.4	50	47.9	46.9	77.5	-	-	-
67	12/16/2013 17:40	0:10:00	50.5	78.3	61.4	46.2	55.5	52	50	48.7	47.5	84	-	-	-
68	12/16/2013 17:50	0:10:00	50.7	78.5	57.3	46.7	53	52	50.7	49	47.7	78.6	-	-	-
69	12/16/2013 18:00	0:10:00	50.7	78.5	57.2	47	54.2	52	50.5	49.1	47.9	81	-	-	-
70	12/16/2013 18:10	0:10:00	50.7	78.5	56	47.2	54	52.3	50.3	48.8	48	81.7	-	-	-
71	12/16/2013 18:20	0:10:00	52.8	80.6	73.1	45.8	63.1	52.5	49.7	48.4	47	81.9	-	-	-
72	12/16/2013 18:30	0:10:00	50.8	78.6	61.4	46.1	58.1	53.2	49.5	47.8	47	82.7	-	-	-
73	12/16/2013 18:40	0:10:00	51.8	79.6	67.7	47.2	61.2	52.9	50	48.8	48	79.6	-	-	-
74	12/16/2013 18:50	0:10:00	49.5	77.3	55.1	46	53.3	51.3	49.1	47.5	46.7	79.1	-	-	-
75	12/16/2013 19:00	0:10:00	50.8	78.5	59	46.5	54.2	52.5	50.4	48.7	47.7	81.4	-	-	-
76	12/16/2013 19:10	0:10:00	50.3	78	55.3	46.9	53.8	51.5	50.1	48.6	47.8	77.7	-	-	-
77	12/16/2013 19:20	0:10:00	50.3	78	54.9	46.4	52.7	51.5	50.1	48.6	47.3	77.3	-	-	-
78	12/16/2013 19:30	0:10:00	49.5	77.2	56.3	45.8	52.8	51	49.1	47.7	46.6	78.8	-	-	-
79	12/16/2013 19:40	0:10:00	48.9	76.6	57.5	45.2	54.3	50.4	48.2	47	46	82	-	-	-
80	12/16/2013 19:50	0:10:00	48.2	76	54.2	45.1	51.1	49.5	48	46.8	45.9	76.9	-	-	-
81	12/16/2013 20:00	0:10:00	49.6	77.4	62.2	44.4	54.8	51.4	48.9	47.2	45.7	82.1	-	-	-
82	12/16/2013 20:10	0:10:00	49.1	76.9	53.5	45.8	51.5	50.2	49	47.5	46.5	77.2	-	-	-
83	12/16/2013 20:20	0:10:00	49.5	77.3	58.5	43.6	55.1	51.2	49	47.1	44.7	77.9	-	-	-
84	12/16/2013 20:30	0:10:00	49.3	77.1	58.1	44.2	54.1	51.6	48.7	47	45.7	78.6	-	-	-
85	12/16/2013 20:40	0:10:00	49.8	77.5	55.1	45.6	53.4	51.5	49.4	47.6	46.6	76.7	-	-	-

86	12/16/2013 20:50	0:10:00	50.4	78.2	62.9	45.2	57.9	51.7	49.5	47.6	46.5	79.3	-	-	-
87	12/16/2013 21:00	0:10:00	50.5	78.3	64.9	46	58.7	51.5	49.7	48	46.8	80.5	-	-	-
88	12/16/2013 21:10	0:10:00	49.7	77.5	56.7	45.5	53.2	51.3	49.4	47.8	46.6	77.3	-	-	-
89	12/16/2013 21:20	0:10:00	49.3	77	55.1	44.2	52.9	51.1	49	46.5	45.5	78.2	-	-	-
90	12/16/2013 21:30	0:10:00	48.6	76.4	56.8	43.8	53.5	50.3	48	46.6	45.4	77.5	-	-	-
91	12/16/2013 21:40	0:10:00	48.4	76.2	56	44.3	52.3	49.8	48.1	46.5	45.3	75	-	-	-
92	12/16/2013 21:50	0:10:00	48.7	76.4	57.7	42.8	52.4	50.2	48.4	46.3	43.7	76.7	-	-	-
93	12/16/2013 22:00	0:10:00	48.5	76.3	54.1	42.8	52.3	50.6	48.1	45.9	44	75.3	-	-	-
94	12/16/2013 22:10	0:10:00	47.5	75.2	52.7	41.7	51.1	49.4	47.1	44.6	43.2	77	-	-	-
95	12/16/2013 22:20	0:10:00	48.2	76	57.3	42.3	54.5	49.8	47.6	45.5	43.6	79.2	-	-	-
96	12/16/2013 22:30	0:10:00	47.2	75	57.2	41.5	53.8	49.1	46.2	43.7	42.4	77.7	-	-	-
97	12/16/2013 22:40	0:10:00	47.4	75.2	61.5	40.5	55.2	49.2	46.2	43.4	41.7	81.9	-	-	-
98	12/16/2013 22:50	0:10:00	53.2	81	74.5	38.1	65.8	52.2	45.1	41.5	39.3	82.6	-	-	-
99	12/16/2013 23:00	0:10:00	51.1	78.9	73.1	37.6	63.6	49.8	44.7	42	39.6	80.9	-	-	-
100	12/16/2013 23:10	0:10:00	45.8	73.6	54.9	39.1	52.1	48	45.1	42.4	40.3	74.2	-	-	-
101	12/16/2013 23:20	0:10:00	43.8	71.6	50	38.1	47.9	45.9	43.3	41.2	39.5	75.6	-	-	-
102	12/16/2013 23:30	0:10:00	44.3	72.1	51.3	39.5	48.5	46.3	43.8	41.8	40.4	76	-	-	-
103	12/16/2013 23:40	0:10:00	43	70.8	53	36.6	48	45.3	42.3	38.9	37.5	74.6	-	-	-
104	12/16/2013 23:50	0:10:00	42.9	70.7	50.8	37.2	47.8	45.4	42	39.6	38.1	76.8	-	-	-
105	12/17/2013 0:00	0:10:00	42.6	70.4	53.6	35.5	48.5	45.3	41.6	38.4	36.6	77.7	-	-	-
106	12/17/2013 0:10	0:10:00	41.5	69.3	50.9	35.1	46.4	43.9	40.8	38.1	36.5	77.7	-	-	-
107	12/17/2013 0:20	0:10:00	42	69.8	51.7	34.1	47.5	44.6	41.2	38.5	36.2	78.3	-	-	-
108	12/17/2013 0:30	0:10:00	52.3	80	74.3	34.6	65.8	51.3	42.4	38.6	36.4	80.9	-	-	-
109	12/17/2013 0:40	0:10:00	44.4	72.2	53.3	35.5	50.9	47.3	43.3	39	36.8	78.1	-	-	-
110	12/17/2013 0:50	0:10:00	43.5	71.3	55.4	34.3	49.6	46.5	42.3	38.2	35.7	77.5	-	-	-
111	12/17/2013 1:00	0:10:00	41.7	69.5	52.1	35.1	48.4	44.6	40.1	37.2	36.1	75.1	-	-	-
112	12/17/2013 1:10	0:10:00	40.9	68.7	49.8	35.1	46.4	43.1	40.1	37.8	36.4	76.7	-	-	-
113	12/17/2013 1:20	0:10:00	40.8	68.6	49.1	35.4	46	43.2	40.1	37.3	36.3	74.5	-	-	-
114	12/17/2013 1:30	0:10:00	39.6	67.3	55.2	33.7	46.5	41.8	38.2	36.1	34.9	75.4	-	-	-
115	12/17/2013 1:40	0:10:00	39.7	67.5	47.7	34.2	44.7	41.6	39.1	36.9	35.6	77.3	-	-	-
116	12/17/2013 1:50	0:10:00	41.2	69	57.1	34.7	49.6	42.9	39.7	37.1	35.7	76.7	-	-	-
117	12/17/2013 2:00	0:10:00	41	68.8	50.7	34.2	46.9	43.9	40	37.2	35.7	73.2	-	-	-
118	12/17/2013 2:10	0:10:00	41.5	69.3	52.6	34	48.6	44.8	39.6	36.6	35.2	78.3	-	-	-
119	12/17/2013 2:20	0:10:00	40.5	68.3	54.1	35	46.1	42.8	39.7	36.9	35.8	76.7	-	-	-
120	12/17/2013 2:30	0:10:00	39.4	67.2	50	34.8	43.8	41.4	38.8	36.8	35.8	75.3	-	-	-
121	12/17/2013 2:40	0:10:00	38.8	66.5	47.8	34.2	43	40.6	38.2	36.6	35.7	74.3	-	-	-
122	12/17/2013 2:50	0:10:00	41.7	69.5	49.9	35.6	46.7	43.8	41.1	38.8	37.5	80.2	-	-	-
123	12/17/2013 3:00	0:10:00	41.9	69.7	61.4	35.8	50.1	43.6	40.3	37.5	36.5	77.1	-	-	-
124	12/17/2013 3:10	0:10:00	39.6	67.4	47.6	33.5	44.5	42.2	38.7	36.4	34.7	84.1	-	-	-
125	12/17/2013 3:20	0:10:00	38.6	66.3	47.4	33	43.8	41	37.7	35.8	34.2	77.3	-	-	-
126	12/17/2013 3:30	0:10:00	38	65.8	48.4	32.6	44.3	40.4	36.8	34.9	33.9	74.2	-	-	-
127	12/17/2013 3:40	0:10:00	37.2	65	47.4	32.2	44.2	40.1	35.7	34.2	33.2	72.3	-	-	-
128	12/17/2013 3:50	0:10:00	40	67.8	58	33.1	46.7	42.9	38.2	35.4	34.4	80.6	-	-	-

129	12/17/2013 4:00	0:10:00	40.6	68.3	55.1	34.1	46.1	42.9	39.7	37.3	35.8	80.1	-	-	-
130	12/17/2013 4:10	0:10:00	48.9	76.7	69.9	34.8	61.3	50.8	40.5	37.4	35.9	76.5	-	-	-
131	12/17/2013 4:20	0:10:00	54.7	82.5	74.1	34.8	69.7	46.6	39.6	36.9	35.7	92.4	-	-	-
132	12/17/2013 4:30	0:10:00	51.4	79.2	72.7	34.8	67.2	44.3	40.4	37.7	36.1	89.8	-	-	-
133	12/17/2013 4:40	0:10:00	42.6	70.4	53.8	35.3	49.7	45.2	41.3	37.8	36.3	76.5	-	-	-
134	12/17/2013 4:50	0:10:00	43	70.8	55.7	35.6	49.5	45.8	41.6	38.3	36.9	78.6	-	-	-
135	12/17/2013 5:00	0:10:00	42.8	70.6	51.9	35.7	48.5	45.6	41.7	38.5	37.1	75.7	-	-	-
136	12/17/2013 5:10	0:10:00	42	69.8	48.6	36.7	45.9	44.2	41.5	39.1	37.6	75.9	-	-	-
137	12/17/2013 5:20	0:10:00	42.6	70.4	48.6	37.8	46.7	44.7	42.1	39.7	38.7	76.8	-	-	-
138	12/17/2013 5:30	0:10:00	44.2	72	52.7	37.5	49.6	46.4	43.6	41.2	39.2	75.4	-	-	-
139	12/17/2013 5:40	0:10:00	44.7	72.5	51.4	38.3	48.9	46.9	44.1	41.9	40.1	74.1	-	-	-
140	12/17/2013 5:50	0:10:00	46.2	74	53.9	39.6	50.9	48.7	45.4	42.6	40.7	74	-	-	-
141	12/17/2013 6:00	0:10:00	45.7	73.5	50.9	39.7	49.2	47.7	45.4	42.6	40.9	75.6	-	-	-
142	12/17/2013 6:10	0:10:00	46.6	74.4	55.3	41.6	50.6	48.3	46.4	44.1	42.7	75.2	-	-	-
143	12/17/2013 6:20	0:10:00	50.2	78	58.3	41.8	55.3	52.8	49.5	45.7	43.2	76.5	-	-	-
144	12/17/2013 6:30	0:10:00	50.3	78	57.2	43.3	54.3	52.6	49.8	46.8	45	77.9	-	-	-
145	12/17/2013 6:40	0:10:00	51.6	79.4	66	45.6	58.6	53.3	50.5	48.2	46.7	79.5	-	-	-
146	12/17/2013 6:50	0:10:00	51.5	79.3	56.2	47.2	54.5	53.2	51.3	49	48	78.2	-	-	-
147	12/17/2013 7:00	0:10:00	51.9	79.7	58	46.1	55.5	53.6	51.6	49.5	47.8	78.6	-	-	-
148	12/17/2013 7:10	0:10:00	50.9	78.7	55	47.1	53.7	52.4	50.7	49.1	47.9	78.6	-	-	-
149	12/17/2013 7:20	0:10:00	50.1	77.9	58.4	46.1	54.2	51.8	49.7	48	47.1	78.8	-	-	-
150	12/17/2013 7:30	0:10:00	49.8	77.5	60.9	45.9	54.7	51.6	49	47.7	47	79.7	-	-	-
151	12/17/2013 7:40	0:10:00	48.8	76.6	60.9	45.4	52.9	50.3	48.3	47	46.3	79.2	-	-	-
152	12/17/2013 7:50	0:10:00	48.9	76.6	54.6	45.4	52.5	50.5	48.4	47.1	46.3	80	-	-	-
153	12/17/2013 8:00	0:10:00	50.6	78.4	68.7	46.6	61.4	50.3	48.8	47.9	47.3	81.6	-	-	-
154	12/17/2013 8:10	0:10:00	50.3	78.1	62.4	46.1	57.1	51.9	49.4	47.7	46.7	80.1	-	-	-
155	12/17/2013 8:20	0:10:00	50.9	78.7	56.7	47	54.8	52.7	50.4	48.9	48.1	81.2	-	-	-
156	12/17/2013 8:30	0:10:00	50.3	78.1	56.6	46	54.7	52	49.8	48.2	47.1	79.8	-	-	-
157	12/17/2013 8:40	0:10:00	53.9	81.7	70.8	45.5	63.6	57.1	50.4	48.7	47.4	82.2	-	-	-
158	12/17/2013 8:50	0:10:00	50.6	78.4	67.2	44.7	61.6	51.6	48	46.5	45.7	82.9	-	-	-
159	12/17/2013 9:00	0:10:00	48	75.8	59.4	43.2	53.9	50.3	47.1	45	44	82.8	-	-	-
160	12/17/2013 9:10	0:10:00	49.8	77.6	56.5	44.7	53.1	51.2	49.7	47.1	45.8	78	-	-	-
161	12/17/2013 9:20	0:10:00	50.4	78.2	63.1	45.6	55	52.4	49.8	47.6	46.4	81.2	-	-	-
162	12/17/2013 9:30	0:10:00	50.2	78	61.1	45.7	53.3	51.7	50	48.2	46.8	79.9	-	-	-
163	12/17/2013 9:40	0:10:00	50.8	78.5	56.7	46	53.8	52.5	50.5	48.6	47	81.4	-	-	-
164	12/17/2013 9:50	0:10:00	50.4	78.2	60.7	44.4	55.4	52.8	49.6	47.1	45.3	83.7	-	-	-
165	12/17/2013 10:00	0:10:00	49.1	76.8	57	44.1	52.8	50.9	48.7	46.5	45.2	79.9	-	-	-
166	12/17/2013 10:10	0:10:00	50	77.8	60	44.3	56	51.8	49.4	47	45.2	86.2	-	-	-
167	12/17/2013 10:20	0:10:00	48.4	76.1	58.7	44.1	53.1	50.3	47.8	46.1	45.1	78.9	-	-	-
168	12/17/2013 10:30	0:10:00	48.1	75.9	60.1	43.4	53.8	50.5	47.2	45	44.3	81.7	-	-	-
169	12/17/2013 10:40	0:10:00	48.3	76.1	62.8	43.9	53.5	50.2	47.4	45.8	44.6	78.5	-	-	-
170	12/17/2013 10:50	0:10:00	48	75.8	55.9	43.2	52.4	49.6	47.7	45.6	44.2	79.5	-	-	-
171	12/17/2013 11:00	0:10:00	49.1	76.9	59.2	43.9	54.9	51.6	48.1	46.2	45	78.7	-	-	-

172	12/17/2013 11:10	0:10:00	48.1	75.9	58.1	43.8	52.3	49.6	47.8	45.9	44.5	79.3	-	-	-
173	12/17/2013 11:20	0:10:00	48.4	76.2	61.3	42.7	55.1	50.2	47.2	45.2	44	78.3	-	-	-
174	12/17/2013 11:30	0:10:00	46.4	74.2	55.1	43	51.7	48.2	45.7	44.6	43.7	80.6	-	-	-
175	12/17/2013 11:40	0:10:00	48.7	76.5	65.6	43.3	59.1	50	46.2	44.6	44	84.2	-	-	-
176	12/17/2013 11:50	0:10:00	46.5	74.3	53.5	43	51.4	48.5	45.7	44.5	43.8	79	-	-	-
177	12/17/2013 12:00	0:10:00	46.6	74.4	54	42.2	52	49	45.6	44	43.1	77.2	-	-	-
178	12/17/2013 12:10	0:10:00	47.4	75.2	59	42.8	53.6	50.3	45.8	44.3	43.6	80.8	-	-	-
179	12/17/2013 12:20	0:10:00	48.1	75.9	56.6	41.9	54.2	51.3	46.5	44.2	43	78.8	-	-	-
180	12/17/2013 12:30	0:10:00	79.6	107.4	110.3	14.7	91	67.5	45.5	34.8	15.8	134	Over	Under	-
181	12/17/2013 12:40	0:10:00	59.9	87.6	82	38.1	68.6	63.9	50	44.4	41.6	121.9	-	-	-
182	12/17/2013 12:50	0:10:00	49.1	76.9	76.6	19.2	60.6	50.5	43.1	23.1	20.2	120.1	Over	Under	-
183	12/17/2013 13:00	0:10:00	62.8	90.6	81.3	21.1	70.7	66.3	60.2	45.1	40.9	123.6	Over	Under	-
184	12/17/2013 13:10	0:10:00	63.4	91.2	82.8	43.3	71.2	66.6	60.9	53.5	46.8	120.1	-	-	-
185	12/17/2013 13:20	0:10:00	62.2	90	93.7	40	68.4	63.3	54.9	43.7	42	123.7	Over	-	-
186	12/17/2013 13:30	0:10:00	63.8	91.5	88.6	26.2	73.1	66.7	60.6	31.6	28.6	125.1	Over	Under	-
187	12/17/2013 13:40	0:10:00	37.5	65.3	66.9	24.3	46.7	37.7	32.6	29	27.1	107.8	-	Under	-
188	12/17/2013 13:50	0:10:00	73.2	101	101	30.3	79.4	71.2	64	53.2	39.1	130.6	-	-	-
189	12/17/2013 14:00	0:10:00	71.8	99.6	98.1	37	82.6	71.6	61.9	47.7	41	134	Over	-	-
190	12/17/2013 14:10	0:10:00	69.6	97.4	89.9	46.1	78.7	73.7	65.3	59	50.8	118.7	-	-	-
191	12/17/2013 14:20	0:10:00	64.7	92.5	79.8	46.7	72.7	67.6	62.9	58.8	50	116.5	-	-	-
192	12/17/2013 14:30	0:10:00	67.3	95.1	82.3	51	75.4	69.6	65.6	62.8	56.8	120.1	-	-	-
193	12/17/2013 14:40	0:10:00	67.6	95.4	79.3	59.6	74.4	70.2	66.3	63.7	61.9	118.3	-	-	-
194	12/17/2013 14:50	0:10:00	67.2	95	84.9	57.2	74.2	68.9	66	63.4	61.3	118.3	-	-	-
195	12/17/2013 15:00	0:10:00	65.5	93.3	81	17.7	75.1	69	63	19.6	18.1	120.7	-	Under	-
196	12/17/2013 15:10	0:10:00	20.7	48.5	39.5	17.3	29.1	21.5	18.7	17.8	17.6	66.9	-	Under	-
197	12/17/2013 15:20	0:10:00	41.5	69.3	76.4	17.3	37.1	22.4	18.4	17.7	17.6	120.2	Over	Under	-
198	12/17/2013 15:30	0:10:00	72	99.7	104.7	17.5	58.4	28.6	19.6	18.5	17.9	134	Over	Under	-
199	12/17/2013 15:40	0:10:00	61.3	89.1	84.8	17.9	69.4	66.1	49.1	19.1	18.3	123.6	Over	Under	-
200	12/17/2013 15:50	0:10:00	73	100.8	104.9	22.4	79.7	61.1	36.8	26.8	24.7	134	Over	Under	-
201	12/17/2013 16:00	0:10:00	70	97.8	100.6	28.2	75.2	44.3	31.1	30.1	29.4	134	Over	-	-
202	12/17/2013 16:10	0:10:00	30.8	58.6	34.2	28	32.5	31.6	30.7	29.9	29.2	79.5	-	-	-
203	12/17/2013 16:20	0:10:00	31	58.8	34	28.4	32.5	31.8	31	30.1	29.4	80.3	-	-	-
204	12/17/2013 16:30	0:10:00	31.2	59	36.2	28.6	33.3	32.1	31.2	30.3	29.5	80.5	-	-	-
205	12/17/2013 16:40	0:10:00	33	60.8	57.9	28.8	38.4	32.2	31.2	30.4	29.8	94	-	-	-
206	12/17/2013 16:50	0:10:00	34	61.8	58.1	28.5	40.2	32.6	31.5	30.5	29.9	96.3	-	-	-
207	12/17/2013 17:00	0:10:00	31.3	59.1	47.2	28.1	34.1	32.1	31.2	30.2	29.7	80.4	-	-	-
208	12/17/2013 17:10	0:10:00	31.3	59.1	45	28.4	35.5	32.1	31	30.1	29.3	85.8	-	-	-
209	12/17/2013 17:20	0:10:00	31.1	58.8	37.8	28	32.8	31.9	31	30.1	29.4	79.9	-	-	-
210	12/17/2013 17:30	0:10:00	31	58.8	34.3	27.8	32.6	31.8	31	30.1	29.3	80	-	-	-
211	12/17/2013 17:40	0:10:00	31.1	58.9	34.1	28.4	32.7	31.9	31.1	30.1	29.5	79.3	-	-	-
212	12/17/2013 17:50	0:10:00	30.7	58.5	34.1	27.1	32.6	31.7	30.7	29.2	28.2	79	-	Under	-
213	12/17/2013 18:00	0:10:00	32.6	60.4	58.7	26.6	39.7	30.4	29.2	28.2	27.5	93.9	-	Under	-
214	12/17/2013 18:10	0:10:00	63.5	91.3	90.5	26.5	71.6	36.6	28.9	28	27.4	125.1	-	Under	-

215	12/17/2013 18:20	0:10:00	76.4	104.2	109.5	25.5	83	61.3	32.7	28.2	27.1	131.1	Over	Under	-
216	12/17/2013 18:30	0:10:00	54	81.7	83.7	26.6	59.2	56	50	40.8	29.4	125.7	Over	Under	-
217	12/17/2013 18:40	0:10:00	48.8	76.6	80.9	21.3	55.2	50.1	41.5	25.3	23.1	123.1	Over	Under	-
218	12/17/2013 18:50	0:10:00	28.8	56.5	42.2	20.9	38.6	30.5	26.9	24.3	22.6	86.3	-	Under	-
219	12/17/2013 19:00	0:10:00	26	53.7	36.2	20	31.5	28	25.3	23.2	21.6	81.3	-	Under	-
220	12/17/2013 19:10	0:10:00	27.3	55.1	46.1	20.4	33.7	29.7	26.2	23.9	22.4	89.1	-	Under	-
221	12/17/2013 19:20	0:10:00	29.2	57	49.8	20.7	37.8	31.1	26.9	24.1	22.4	80.3	-	Under	-
222	12/17/2013 19:30	0:10:00	27.3	55.1	40.1	20.7	34.4	29.7	26	23.8	22.3	83.4	-	Under	-
223	12/17/2013 19:40	0:10:00	50.5	78.2	83	20.4	57	52.5	33.6	24.7	22.6	125.2	Over	Under	-
224	12/17/2013 19:50	0:10:00	52.8	80.6	67.4	34.3	58.2	55.4	52.5	41.8	36.6	105.2	-	-	-
225	12/17/2013 20:00	0:10:00	51.3	79.1	81.1	17.4	58.8	53.1	20.4	18	17.7	122.7	Over	Under	-
226	12/17/2013 20:10	0:10:00	19.9	47.7	37.2	17.4	28.1	20	18.4	17.9	17.6	74	-	Under	-
227	12/17/2013 20:20	0:10:00	23.7	51.5	46.8	17.3	35	21.8	18.6	17.8	17.5	73.9	-	Under	-
228	12/17/2013 20:30	0:10:00	28.1	55.9	52	17.3	41.7	19.5	18.2	17.8	17.6	77.8	-	Under	-
229	12/17/2013 20:40	0:10:00	23.6	51.4	48.5	17.3	34.1	20.4	18.4	17.8	17.6	77.7	-	Under	-
230	12/17/2013 20:50	0:10:00	18.9	46.7	40.2	17.2	23.9	18.9	18	17.7	17.5	67.7	-	Under	-
231	12/17/2013 21:00	0:10:00	25.7	53.4	48.2	17.4	36.6	23.5	19	18	17.7	73.8	-	Under	-
232	12/17/2013 21:10	0:10:00	23.8	51.6	47.8	17.1	27.5	20	18	17.5	17.4	72.9	-	Under	-
233	12/17/2013 21:20	0:10:00	19.7	47.5	40	17.2	27.3	19	18	17.6	17.4	69.9	-	Under	-
234	12/17/2013 21:30	0:10:00	20.3	48.1	36.2	17.2	29.2	22.1	18	17.5	17.4	76.2	-	Under	-
235	12/17/2013 21:40	0:10:00	21.4	49.1	37.4	17.3	33.4	20	18	17.7	17.5	69.1	-	Under	-
236	12/17/2013 21:50	0:10:00	19	46.7	29.3	17.4	24.3	19.8	18.4	17.9	17.7	61.2	-	Under	-
237	12/17/2013 22:00	0:10:00	18.7	46.5	32.8	17.5	20.7	19.1	18.4	18.1	17.9	60.2	-	Under	-
238	12/17/2013 22:10	0:10:00	19.9	47.7	40.8	17.5	28.5	20	18.5	18.1	17.8	72	-	Under	-
239	12/17/2013 22:20	0:10:00	23.1	50.9	43.1	17.5	36.2	22.4	18.6	18.1	17.8	70.3	-	Under	-
240	12/17/2013 22:30	0:10:00	29.8	57.6	57	17.6	28.3	19.4	18.5	18.1	17.8	82.1	-	Under	-
241	12/17/2013 22:40	0:10:00	18.8	46.5	29.3	17.4	23.3	19.6	18.3	17.9	17.7	65.2	-	Under	-
242	12/17/2013 22:50	0:10:00	18.7	46.5	31.1	17.5	22.3	19.2	18.5	18.1	17.9	63	-	Under	-
243	12/17/2013 23:00	0:10:00	18.4	46.2	29.8	17.4	20	18.9	18.3	18	17.8	58.9	-	Under	-
244	12/17/2013 23:10	0:10:00	19.1	46.9	27.3	17.5	22.8	19.9	18.7	18.2	17.9	57.1	-	Under	-
245	12/17/2013 23:20	0:10:00	18.8	46.6	26.8	17.5	23.8	19.3	18.4	18.1	17.8	63.1	-	Under	-
246	12/17/2013 23:30	0:10:00	19.5	47.3	28.5	17.4	26.3	20.6	18.6	18.1	17.8	61.9	-	Under	-
247	12/17/2013 23:40	0:10:00	18.8	46.6	38.7	17.4	21.3	18.9	18.4	18	17.8	65.4	-	Under	-
248	12/17/2013 23:50	0:10:00	28.3	56.1	55.7	17.6	33.4	19.8	18.6	18.1	17.9	79.7	-	Under	-
249	12/18/2013 0:00	0:10:00	19	46.8	33	17.5	24.2	19.2	18.5	18.1	17.8	59	-	Under	-
250	12/18/2013 0:10	0:10:00	19.2	46.9	38.3	17.5	23.1	19.1	18.5	18.1	17.8	66.5	-	Under	-
251	12/18/2013 0:20	0:10:00	18.8	46.6	29.2	17.5	24.2	19.1	18.4	18.1	17.8	67.9	-	Under	-
252	12/18/2013 0:30	0:10:00	18.9	46.7	33.2	17.6	23.2	19.3	18.5	18.1	17.9	61.2	-	Under	-
253	12/18/2013 0:40	0:10:00	18.4	46.2	25.1	17.5	19.7	18.9	18.4	18.1	17.8	59	-	Under	-
254	12/18/2013 0:50	0:10:00	19.2	47	36.5	17.5	23.6	18.9	18.4	18	17.8	64.9	-	Under	-
255	12/18/2013 1:00	0:10:00	18.6	46.4	28.8	17.5	22.1	18.9	18.4	18	17.8	56.1	-	Under	-
256	12/18/2013 1:10	0:10:00	18.4	46.1	26.2	17.3	20.9	18.8	18.3	17.8	17.5	54.4	-	Under	-
257	12/18/2013 1:20	0:10:00	18.4	46.1	19.9	17.5	19.1	18.7	18.4	18	17.8	52.3	-	Under	-

258	12/18/2013 1:30	0:10:00	18.9	46.7	33.6	17.6	25.3	18.9	18.5	18.2	17.9	61.3	-	Under	-
259	12/18/2013 1:40	0:10:00	18.6	46.3	23.8	17.5	20.6	19.1	18.5	18.1	17.8	57.1	-	Under	-
260	12/18/2013 1:50	0:10:00	18.6	46.3	21.8	17.7	20	19	18.5	18.2	17.9	56.5	-	Under	-
261	12/18/2013 2:00	0:10:00	18.4	46.1	22.6	17.5	19.2	18.7	18.4	18.1	17.8	57.5	-	Under	-
262	12/18/2013 2:10	0:10:00	18.9	46.7	28.2	17.3	23.5	19.6	18.5	18	17.7	62.2	-	Under	-
263	12/18/2013 2:20	0:10:00	18.3	46.1	25.4	17.5	19.1	18.7	18.4	18	17.8	50.6	-	Under	-
264	12/18/2013 2:30	0:10:00	18.5	46.3	22.9	17.6	19.6	18.9	18.5	18.1	17.9	54.7	-	Under	-
265	12/18/2013 2:40	0:10:00	18.5	46.3	33.2	17.3	19.7	18.9	18.5	18.1	17.7	57.1	-	Under	-
266	12/18/2013 2:50	0:10:00	18.4	46.2	19.7	17.6	19.2	18.8	18.4	18.1	17.9	52.3	-	Under	-
267	12/18/2013 3:00	0:10:00	18.4	46.2	21.1	17.6	19.1	18.8	18.4	18.1	17.8	56.5	-	Under	-
268	12/18/2013 3:10	0:10:00	18.4	46.2	19.7	17.6	19.1	18.8	18.4	18.1	17.9	51.9	-	Under	-
269	12/18/2013 3:20	0:10:00	18.3	46.1	19.9	17.3	19.2	18.8	18.3	17.9	17.7	65.8	-	Under	-
270	12/18/2013 3:30	0:10:00	18.5	46.3	25.9	17.4	20.7	19.1	18.5	18	17.7	62.4	-	Under	-
271	12/18/2013 3:40	0:10:00	18.5	46.3	28.4	17.4	21.3	19	18.4	18	17.8	56.2	-	Under	-
272	12/18/2013 3:50	0:10:00	18.6	46.3	33.4	17.4	21.8	18.9	18.3	17.9	17.7	64.7	-	Under	-
273	12/18/2013 4:00	0:10:00	18.5	46.3	23.8	17.4	21.8	19.2	18.3	17.9	17.7	64.1	-	Under	-
274	12/18/2013 4:10	0:10:00	18.4	46.2	28.9	17.4	21.3	18.9	18.2	17.8	17.6	70.2	-	Under	-
275	12/18/2013 4:20	0:10:00	18.3	46	26	17.4	20	18.6	18.2	17.9	17.7	69.1	-	Under	-
276	12/18/2013 4:30	0:10:00	74.7	102.5	106.4	17.4	81.1	44.7	18.7	18	17.7	134	Over	Under	-
277	12/18/2013 4:40	0:10:00	54.4	82.2	75.8	35.4	61.8	56.7	53.4	43	38	107.4	-	-	-
278	12/18/2013 4:50	0:10:00	56	83.8	77.6	36.4	63.7	58.5	54.3	49.7	44.7	110.3	-	-	-
279	12/18/2013 5:00	0:10:00	56.9	84.7	70.6	40.8	62.7	59.1	56.1	53.7	48	108.2	-	-	-
280	12/18/2013 5:10	0:10:00	59.8	87.5	66.4	53.9	63.4	61.5	59.5	57.5	55.7	106.6	-	-	-
281	12/18/2013 5:20	0:10:00	60.1	87.9	81.2	34.1	66.3	62.7	58.9	53.9	49.6	122.9	Over	-	-
282	12/18/2013 5:30	0:09:56	82.3	110.1	114.5	14.3	86	62.5	55.5	42.5	14.8	134	Over	Under	-

LT 1 - Leq to CNEL Conversion

Start time (hour)	Leq dB(A)	Leq' dB(A)	5.1 * Leq	antilog to base 10	5.1 * Leq'	antilog to base 10
0:00	52.8	62.8	5.279	190107.828	6.279	1901078.28
1.00	52.2	62.2	5.221	166341.265	6.221	1663412.65
2.00	48.8	58.8	4.879	75683.2895	5.879	756832.895
3.00	47.7	57.7	4.768	58613.8165	5.768	586138.165
4.00	52.5	62.5	5.251	178237.877	6.251	1782378.77
5.00	55.0	65.0	5.498	314774.831	6.498	3147748.31
6.00	58.4	68.4	5.84	691830.971	6.84	6918309.71
7.00	68.2	68.2	6.823	6652731.56	6.823	6652731.56
8.00	66.9	66.9	6.689	4886523.59	6.689	4886523.59
9.00	59.9	59.9	5.992	981747.943	5.992	981747.943
10.00	55.7	55.7	5.57	371535.229	5.57	371535.229
11.00	75.1	75.1	7.514	32658783.2	7.514	32658783.2
12.00	68.8	68.8	6.88	7585775.75	6.88	7585775.75
13.00	54.4	54.4	5.443	277332.01	5.443	277332.01
14.00	52.2	52.2	5.219	165576.996	5.219	165576.996
15.00	53.9	53.9	5.392	246603.934	5.392	246603.934
16.00	56.4	56.4	5.636	432513.831	5.636	432513.831
17.00	56.0	56.0	5.603	400866.718	5.603	400866.718
18.00	56.6	56.6	5.664	461317.575	5.664	461317.575
19.00	56.3	61.3	5.627	423642.966	6.127	1339676.69
20.00	56.7	61.7	5.672	469894.109	6.172	1485935.64
21.00	57.4	62.4	5.74	549540.874	6.24	1737800.83
22.00	58.0	68.0	5.804	636795.521	6.804	6367955.21
23.00	55.7	65.7	5.573	374110.588	6.573	3741105.88
			Sum of all 24 values	59250882.3		86549681.4
Night Hrs			Ave. value for all 24 values	2468786.76		3606236.72
Evening Hrs			log to base 10 of all 24 values	6.39248358		6.55705423
Daytime Hrs			10 times log to base 10 of all 24 values	63.9		65.6
			24 hour cumulative value (Leq)	**63.9**		
			24 hour cumulative value (CNEL)			**65.6**

LT 2 - Leq to CNEL Conversion

Start time (hour)	Leq dB(A)	Leq' dB(A)	5.1 * Leq	antilog to base 10	5.1 * Leq'	antilog to base 10
0:00	46.5	56.5	4.65	44668.3592	5.65	446683.592
1.00	40.7	50.7	4.072	11803.2064	5.072	118032.064
2.00	40.6	50.6	4.061	11508.0039	5.061	115080.039
3.00	39.5	49.5	3.949	8892.01118	4.949	88920.1118
4.00	49.7	59.7	4.97	93325.4301	5.97	933254.301
5.00	44.0	54.0	4.4	25118.8643	5.4	251188.643
6.00	49.9	59.9	4.986	96827.7856	5.986	968277.856
7.00	67.1	67.1	6.709	5116818.36	6.709	5116818.36
8.00	65.5	65.5	6.551	3556313.19	6.551	3556313.19
9.00	62.8	62.8	6.281	1909853.26	6.281	1909853.26
10.00	68.8	68.8	6.875	7498942.09	6.875	7498942.09
11.00	48.4	48.4	4.835	68391.1647	4.835	68391.1647
12.00	50.4	50.4	5.038	109144.034	5.038	109144.034
13.00	49.4	49.4	4.942	87498.3775	4.942	87498.3775
14.00	48.8	48.8	4.877	75335.5564	4.877	75335.5564
15.00	49.1	49.1	4.914	82035.1544	4.914	82035.1544
16.00	50.6	50.6	5.06	114815.362	5.06	114815.362
17.00	50.2	50.2	5.02	104712.855	5.02	104712.855
18.00	51.2	51.2	5.117	130918.192	5.117	130918.192
19.00	49.8	54.8	4.976	94623.7161	5.476	299226.464
20.00	49.6	54.6	4.964	92044.9572	5.464	291071.712
21.00	49.3	54.3	4.926	84333.4758	5.426	266685.866
22.00	49.3	59.3	4.929	84918.0475	5.929	849180.475
23.00	46.3	56.3	4.632	42854.852	5.632	428548.52
			Sum of all 24 values	19545696.3		23910927.2
Night Hrs			Ave. value for all 24 values	814404.012		996288.635
Evening Hrs			log to base 10 of all 24 values	5.9108399		5.99838518
Daytime Hrs			10 times log to base 10 of all 24 values	59.1		60.0
			24 hour cumulative value (Leq)	**59.1**		
			24 hour cumulative value (CNEL)			**60.0**

Construction Noise Calculations

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #1A

		Baselines (dBA)			---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night	
Reference #1A Mix	Residential	60	55	50	

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Generator	No	50		80.6	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	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	85	81	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	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	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	85	88.3	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #1B

				---- Receptor #1 ----
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Reference #1B Mix	Residential	60	55	50

			Equipment			
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Dump Truck	No	40		76.5	50	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
Dump Truck		76.5	72.5	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	76.5	72.5	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #2A

		Baselines (dBA)			---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night	
Reference #2A Mix	Residential	60	55	50	

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Soil Mix Drill Rig	No	50	80		50	0
Generator	No	50		80.6	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Backhoe	No	40		77.6	50	0
Generator	No	50		80.6	50	0

	Calculated (dBA)		Results											
			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	85	81	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	85	81	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	85	81	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	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Soil Mix Drill Rig		80	77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	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	85	89.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #2B

		---- Receptor #1 ----		
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Reference #2B Mix	Residential	60	55	50

			Equipment			
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	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
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	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	76.5	75.5	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #3

					---- Receptor #1 ----			
		Baselines (dBA)						
Description	Land Use	Daytime	Evening	Night				
Reference #3 Mix	Residential	60	55	50				

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Backhoe	No	40		77.6	50	0
Crane	No	16		80.6	50	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
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane		80.6	72.6	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	80.6	87	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #4

		Baselines (dBA)			---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night	
Reference #4 Mix	Residential	60	55	50	

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Front End Loader	No	40		79.1	50	0
Backhoe	No	40		77.6	50	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		85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	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	85	84	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #5A

		---- Receptor #1 ----		
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Reference #5A Mix	Residential	60	55	50

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Soil Mix Drill Rig	No	50	80		50	0
Crane	No	16		80.6	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Backhoe	No	40		77.6	50	0
Crane	No	16		80.6	50	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
Soil Mix Drill Rig	80	77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	80.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane		80.6	72.6	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	80.6	88	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #5B

				---- Receptor #1 ----
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Reference #5B Mix	Residential	60	55	50

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Man Lift	No	20		74.7	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	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
Man Lift		74.7	67.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	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	76.5	79.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #6

		Baselines (dBA)			---- Receptor #1 ----			
Description	Land Use	Daytime	Evening	Night				
Reference #6 Mix	Residential	60	55	50				

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Soil Mix Drill Rig	No	50	80		50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Generator	No	50		80.6	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	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
Soil Mix Drill Rig	80	77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	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	80.6	85.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #7

		Baselines (dBA)			---- Receptor #1 ----			
Description	Land Use	Daytime	Evening	Night				
Reference #7 Mix	Residential	60	55	50				

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Grader	No	40	85		50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	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
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Grader		85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	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	85	86.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/29/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #8A

		Baselines (dBA)			---- Receptor #1 ----			
Description	Land Use	Daytime	Evening	Night				
Reference #8A Mix	Residential	60	55	50				

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Soil Mix Drill Rig	No	50	80		50	0
Crane	No	16		80.6	50	0
Crane	No	16		80.6	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Man Lift	No	20		74.7	50	0
Man Lift	No	20		74.7	50	0
Dump Truck	No	40		76.5	50	0
Grader	No	40	85		50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Generator	No	50		80.6	50	0

	Calculated (dBA)		Results						Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Soil Mix Drill Rig	80	77	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	N/A	N/A	N/A
Crane	80.6	72.6	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	N/A	N/A	N/A
Crane	80.6	72.6	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	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift		74.7	67.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift		74.7	67.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader		85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	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	85	88.1	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/29/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #8B

		Baselines (dBA)			---- Receptor #1 ----				
Description	Land Use	Daytime	Evening	Night					
Reference #8B Mix	Residential	60	55	50					

			Equipment				
	Impact		Spec	Actual	Receptor	Estimated	
	Device	Usage(%)	Lmax	Lmax	Distance	Shielding	
Description			(dBA)	(dBA)	(feet)	(dBA)	
Dump Truck	No	40		76.5	50	0	
Dump Truck	No	40		76.5	50	0	
Dump Truck	No	40		76.5	50	0	
Dump Truck	No	40		76.5	50	0	
Dump Truck	No	40		76.5	50	0	
Dump Truck	No	40		76.5	50	0	
Dump Truck	No	40		76.5	50	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
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	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	76.5	80.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #9A

		Baselines (dBA)			---- Receptor #1 ----			
Description	Land Use	Daytime	Evening	Night				
Reference #9A Mix	Residential	60	55	50				

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Soil Mix Drill Rig	No	50	80		50	0
Crane	No	16		80.6	50	0
Crane	No	16		80.6	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Man Lift	No	20		74.7	50	0
Man Lift	No	20		74.7	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0

	Calculated (dBA)		Results											
			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
Soil Mix Drill Rig	80	77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	80.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	80.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift		74.7	67.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Man Lift		74.7	67.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	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	80.6	86.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #9B

				---- Receptor #1 ----			
		Baselines (dBA)					
Description	Land Use	Daytime	Evening	Night			
Reference #9B Mix	Residential	60	55	50			

			Equipment			
	Impact		Spec Lmax	Actual Lmax	Receptor Distance	Estimated Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	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
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	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	76.5	77.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/29/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #10A

		---- Receptor #1 ----		
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Reference #10A Mi	Residential	60	55	50

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Generator	No	50		80.6	50	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	85	81	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	85	81	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	85	81	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	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	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	85	89.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #10B

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Reference #10B Mi	Residential	60	55	50

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	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
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	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	76.5	82.5	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/29/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #11A

				---- Receptor #1 ----			
		Baselines (dBA)					
Description	Land Use	Daytime	Evening	Night			
Reference #11A Mi	Residential	60	55	50			

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	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	85	81	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	85	81	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	85	81	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	85	81	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	85	81	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	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader		79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	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	85	90.5	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/29/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #11B

		Baselines (dBA)			---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night	
Reference #11B Mi	Residential	60	55	50	

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	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
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	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	76.5	83.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #12A

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Reference #12A Mi	Residential	60	55	50

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Backhoe	No	40		77.6	50	0
Soil Mix Drill Rig	No	50	80		50	0
Generator	No	50		80.6	50	0
Generator	No	50		80.6	50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe		77.6	73.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Soil Mix Drill Rig		80	77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator		80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader		85	81	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		85	81	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		85	81	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		85	81	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		85	81	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	85	90.5	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/30/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #12B

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Reference #12B Mi	Residential	60	55	50

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Grader	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	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	85	85.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/29/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #13

		Baselines (dBA)			---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night	
Reference #13 Mix	Residential	60	55	50	

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Grader	No	40	85		50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	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	85	81	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	85	81	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	85	81	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	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	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	85	88.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/29/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #14

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Reference #14 Mix	Residential	60	55	50

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	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	76.5	82.5	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.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 6/29/2015
Case Description: Ballona Wetlands Restoration Project - Equipment Reference #15

		Baselines (dBA)			---- Receptor #1 ----			
Description	Land Use	Daytime	Evening	Night				
Reference #15 Mix	Residential	60	55	50				

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Front End Loader	No	40		79.1	50	0
Front End Loader	No	40		79.1	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	0
Dump Truck	No	40		76.5	50	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
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck		76.5	72.5	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	79.1	85.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Receptors

R1: Multi-family residential uses located north of North Area C of the Project site, east of Lincoln Boulevard
R2: Boat slips located north of Area A of the Project site, beyond Fiji Way
R3: Boat slips located west of Area A of the Project site, beyond Fiji way
R4: Multi-family residential uses located west of Area A of the Project site and north of Ballona Creek
R5: Multi-family residential uses located west of West Area B of the Project site, fronting Vista Del Mar
R6: Multi-family residential, park, and hotel uses located along Culver Boulevard and directly south of West Area B of the Project site
R7: Single-family residences located south of West Area B and South Area B of the Project site and south of Culver Boulevard
R8: Single-family residences located along Cabora Drive and south of South Area B and Southeast Area B of the Project site
R9: Multi-family residential uses located east of Southeast Area B, across Lincoln Boulevard and south of Jefferson Boulevard
R10: Multi-family residential uses located east of East Area B, across Lincoln Boulevard between Ballona Creek and Jefferson Blvd.

Project Equipment Mix Noise Levels

Equipment Reference	Composite Noise @ 50 ft.
1	88.4
2	90.0
3	87.0
4	84.0
5	88.6
6	85.7
7	86.8
8	88.9
9	87.3
10	90.5
11	91.3
12	91.8
13	88.9
14	82.5
15	85.2

Estimated Construction Noise Levels at Nearby Receptors - Alternative 1

Receptor	Jurisdictional Location	Phase	Sequence	Area	Actions	Equipment	Distance to Construction	Total Equipment Noise @ 50 ft (dBA Leq).	Noise from Loudest Equip. Mix (dBA Leq)
R1	City	1	5	A&C		9	985	87.3	61.4
		1	6	A		10	460	90.5	71.2
		1	7	A		11	460	91.3	72.0
		1	8	A		12	460	91.8	72.5
		1	15	C		10, 11	50	91.3	91.3
		1	16	A&C		11	50	91.3	91.3
		1	17	C		13, 14	1005	88.9	62.8
		1	23	A&B	23a	7	460	86.8	67.5
									Max: 91.3
R2	County	1	6	A		10	360	85.7	68.6
		1	7	A		11	360	91.3	74.2
		1	8	A		12	360	91.8	74.7
		1	16	A&C		11	360	91.3	74.2
		1	23	A&B	23a	7	360	86.8	69.7
					23b	2	360	90	72.9
					23c	3	360	87	69.9
		2	25	A&Prop. 1	25b	6	1105	85.7	58.8
					25c	4	1105	84	57.1
		2	26	A		1	1105	88.4	61.5
		2	27	A		11	1105	91.3	64.4
		2	28	A		1, 14	1105	88.4	61.5
									Max: 74.7
R3	County	1	6	A		10	425	90.5	71.9
		1	7	A		11	425	91.3	72.7
		1	8	A		12	425	91.8	73.2
		1	16	A&C		11	425	91.3	72.7
		1	23	A&B	23a	7	425	86.8	68.2
					23b	2	322	90	73.8
					23c	3	322	87	70.8
		2	25	A&Prop. 1	25b	6	230	85.7	72.4
					25c	4	230	84	70.7
		2	26	A		1	400	88.4	70.3
		2	27	A		11	400	91.3	73.2

		2	28	A		1,14	400	88.4		70.3
									Max:	**73.8**
R4	County	1	3	A		4	250	84		70.0
		1	6	A		10	55	90.5		89.7
		1	7	A		11	55	91.3		90.5
		1	8	A		12	55	91.8		91.0
		1	9	B&Prop. 1	9b	6	1314	85.7		57.3
					9c	4	265	84		69.5
		1	16	A&C		11	55	91.3		90.5
		1	23	A&B	23a	7	55	86.8		86.0
					23b	2	1330	90		61.5
					23c	3	1330	87		58.5
		2	25	A&Prop. 1	25a	5	395	88.6		70.6
					25b	6	106	85.7		79.2
					25c	4	106	84		77.5
		2	26	A		1	395	88.4		70.4
		2	27	A		11	395	91.3		73.3
		2	28	A		1, 14	395	88.4		70.4
		2	29	B	29b	6	882	85.7		60.8
					29c	4	1500	84		54.5
		2	30	B		1	882	88.4		63.5
		2	31	B		1, 14	882	88.4		63.5
		2	32	B		10	400	90.5		72.4
		2	34	B		11	40	91.3		93.2
									Max:	**93.2**
R5	City	1	22	B	22a	7	58	86.8		85.5
					22b	7	58	86.8		85.5
		2	29	B	29b	6	305	85.7		70.0
		2	30	B		1	305	88.4		72.7
		2	31	B		1, 14	305	88.4		72.7
		2	32	B		10	438	90.5		71.6
		2	33	B		12	438	91.8		72.9
		2	34	B		11	367	91.3		74.0
		2	35	B		7	438	86.8		67.9
									Max:	**85.5**
R6	City	1	22	B	22a	7	35	86.8		89.9
					22b	7	175	86.8		75.9
		2	29	B	29b	6	445	85.7		66.7

		2	30	B		4	445	84		65.0
		2	31	B		1, 14	445	88.4		69.4
		2	32	B		10	185	90.5		79.1
		2	33	B		12	308	91.8		76.0
		2	34	B		11	1535	91.3		61.6
		2	35	B		7	308	86.8		71.0
									Max:	**89.9**
R7	City	1	1	B		4	723	84		60.8
		2	29	B	29a	5	430	88.6		69.9
					29b	6	950	85.7		60.1
		2	30	B		1	950	88.4		62.8
		2	31	B		1, 14	950	88.4		62.8
		2	33	B		12	785	91.8		67.9
		2	34	B		11	2048	91.3		59.1
		2	35	B		7	785	86.8		62.9
									Max:	**69.9**
R8	City	1	2	B		1	656	88.4		66.0
R9	City	1	12	B		12	1092	91.8		65.0
		1	13	B		1, 10	475	90.5		70.9
		1	14	B		11	475	91.3		71.7
		1	18	B		1	435	88.4		69.6
		2	31	B		1, 14	1360	88.4		59.7
									Max:	**71.7**
R10	City	1	4	A&B		8	650	88.9		66.6
		1	5	A&C		9	650	87.3		65.0
		1	13	B		1, 10	200	90.5		78.5
		1	14	B		11	200	91.3		79.3
		1	15	C		10	380	90.5		72.9
		1	16	A&C		11	380	91.3		73.7
		1	17	C		13, 14	380	88.9		71.3
									Max:	**79.3**

Estimated Construction Noise Levels at Nearby Receptors - Alternative 2

Receptor	Jurisdictional Location	Sequence	Area	Actions	Equipment	Distance to Construction	Total Equipment Noise @ 50 ft (dBA Leq).	Noise from Loudest Equip. Mix (dBA Leq)
R1	City	5	A&C		9	985	87.3	61.4
		6	A		10	460	90.5	71.2
		7	A		11	460	91.3	72.0
		8	A		12	460	91.8	72.5
		15	C		10, 11	50	91.3	91.3
		16	A&C		11	50	91.3	91.3
		17	C		7, 14	1005	86.8	60.7
		23	A&B	23a	7	460	86.8	67.5
							Max:	**91.3**
R2	County	6	A		10	360	85.7	68.6
		7	A		11	360	91.3	74.2
		8	A		12	360	91.8	74.7
		16	A&C		11	360	91.3	74.2
		23	A&B	23a	7	360	86.8	69.7
				23b	2	360	90	72.9
				23c	3	360	87	69.9
		25	A&Prop. 1	25b	6	1105	85.7	58.8
				25c	4	1105	84	57.1
		26	A		1	1105	88.4	61.5
		27	A		11	1105	91.3	64.4
		28	A		1, 14	1105	88.4	61.5
							Max:	**74.7**
R3	County	6	A		10	425	90.5	71.9
		7	A		11	425	91.3	72.7
		8	A		12	425	91.8	73.2
		16	A&C		11	425	91.3	72.7
		23	A&B	23a	7	425	86.8	68.2
				23b	2	322	90	73.8
				23c	3	322	87	70.8
		25	A&Prop. 1	25b	6	230	85.7	72.4
				25c	4	230	84	70.7

		26	A		1	400	88.4		70.3
		27	A		11	400	91.3		73.2
		28	A		1,14	400	88.4		70.3
								Max:	**73.8**
R4	County	3	A		4	250	84		70.0
		6	A		10	55	90.5		89.7
		7	A		11	55	91.3		90.5
		8	A		12	55	91.8		91.0
		9	B&Prop. 1	9b	6	1314	85.7		57.3
				9c	4	265	84		69.5
		16	A&C		11	55	91.3		90.5
		23	A&B	23a	7	55	86.8		86.0
				23b	2	1330	90		61.5
				23c	3	1330	87		58.5
		25	A&Prop. 1	25a	5	395	88.6		70.6
				25b	6	106	85.7		79.2
				25c	4	106	84		77.5
		26	A		1	395	88.4		70.4
		27	A		11	395	91.3		73.3
		28	A		1, 14	395	88.4		70.4
		29	B	29b	6	882	85.7		60.8
				29c	4	1500	84		54.5
		30	B		1	882	88.4		63.5
		31	B		1, 14	882	88.4		63.5
								Max:	**91.0**
R5	City	22	B	22a	7	58	86.8		85.5
				22b	7	58	86.8		85.5
		29	B	29b	6	305	85.7		70.0
		30	B		1	305	88.4		72.7
		31	B		1, 14	305	88.4		72.7
								Max:	**85.5**
R6	City	22	B	22a	7	35	86.8		89.9
				22b	7	175	86.8		75.9
		29	B	29b	6	445	85.7		66.7
		30	B		4	445	84		65.0

		31	B		1, 14	445	88.4		69.4
								Max:	**89.9**
R7	City	1	B		4	723	84		60.8
		29	B	29a	5	430	88.6		69.9
				29b	6	950	85.7		60.1
		30	B		1	950	88.4		62.8
		31	B		1, 14	950	88.4		62.8
								Max:	**69.9**
R8	City	2	B		1	656	88.4		66.0
R9	City	12	B		12	1092	91.8		65.0
		13	B		1, 10	475	90.5		70.9
		14	B		11	475	91.3		71.7
		18	B		1	435	88.4		69.6
		31	B		1, 14	1360	88.4		59.7
								Max:	**71.7**
R10	City	4	A&B		8	650	88.9		66.6
		5	A&C		9	650	87.3		65.0
		13	B		1, 10	200	90.5		78.5
		14	B		11	200	91.3		79.3
		15	C		10	380	90.5		72.9
		16	A&C		11	380	91.3		73.7
		17	C		7, 14	380	86.8		69.2
								Max:	**79.3**

Estimated Construction Noise Levels at Nearby Receptors - Alternative 3

Receptor	Jurisdictional Location	Sequence	Area	Actions	Equipment	Distance to Construction	Total Equipment Noise @ 50 ft (dBA Leq).	Noise from Loudest Equip. Mix (dBA Leq)
R1	City	6	A		10	460	90.5	71.2
		7	A		11	460	91.3	72.0
		8	A		12	460	91.8	72.5
		16	A		11	460	91.3	72.0
		17	C		7, 14	1005	86.8	60.7
		23	A&B	23a	7	460	86.8	67.5
							Max:	**72.5**
R2	County	6	A		10	360	85.7	68.6
		7	A		11	360	91.3	74.2
		8	A		12	360	91.8	74.7
		16	A		11	360	91.3	74.2
		23	A&B	23a	7	360	86.8	69.7
				23b	2	360	90	72.9
				23c	3	360	87	69.9
		25	A&Prop. 1	25b	6	1105	85.7	58.8
				25c	4	1105	84	57.1
							Max:	**74.7**
R3	County	6	A		10	425	90.5	71.9
		7	A		11	425	91.3	72.7
		8	A		12	425	91.8	73.2
		16	A		11	425	91.3	72.7
		23	A&B	23a	7	425	86.8	68.2
				23b	2	322	90	73.8
				23c	3	322	87	70.8
		25	A&Prop. 1	25b	6	230	85.7	72.4
				25c	4	230	84	70.7
							Max:	**73.8**
R4	County	3	A		4	250	84	70.0
		6	A		10	55	90.5	89.7
		7	A		11	55	91.3	90.5

		8	A		12	55	91.8		91.0
		16	A		11	55	91.3		90.5
		23	A&B	23a	7	55	86.8		86.0
				23b	2	1330	90		61.5
				23c	3	1330	87		58.5
		25	A&Prop. 1	25a	5	395	88.6		70.6
				25b	6	106	85.7		79.2
				25c	4	106	84		77.5
		29	B	29b	6	882	85.7		60.8
				29c	4	1500	84		54.5
		30	B		1	882	88.4		63.5
		31	B		1, 14	882	88.4		63.5
								Max:	**91.0**
R5	City	29	B	29b	6	305	85.7		70.0
		30	B		1	305	88.4		72.7
		31	B		1, 14	305	88.4		72.7
								Max:	**72.7**
R6	City	29	B	29b	6	445	85.7		66.7
		30	B		4	445	84		65.0
		31	B		1, 14	445	88.4		69.4
								Max:	**69.4**
R7	City	1	B		4	723	84		60.8
		29	B	29a	5	430	88.6		69.9
				29b	6	950	85.7		60.1
		30	B		1	950	88.4		62.8
		31	B		1, 14	950	88.4		62.8
								Max:	**69.9**
R8	City	2	B		1	656	88.4		66.0
R9	City	6	A		10	1543	90.5		60.7
		7	A		11	1543	91.3		61.5
		16	A		11	1543	91.3		61.5
		23	A	23a	7	1225	86.8		59.0
								Max:	**61.5**

R10	City	16	A	11	620	91.3		69.4
		17	C	7, 14	380	86.8		69.2
							Max:	**69.4**

Traffic Noise Calculations

Existing (2015)

Calveno - Peak Hour

No.	ROAD SEGMENT	LOCATION	TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL (15 meters from roadway center)	Receptor Dist. from Roadway Center (m.)	Adjusted Noise Level (dBA)	Distance from Roadway to 65 dBA (m)	Distance from Roadway to 65 dBA (ft)
				Auto		MT		HT															
				%	Auto	%	MT	%	HT	Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
1	Admiralty Way	North of Bali Way	2,989	97	2899.3	2	59.78	1	29.89	40	64	40	64	40	64	70.6	62.7	66.0	72.4	30.4	69.3	82.4	270.2
2	Admiralty Way	South of Bali Way	2,481	97	2406.6	2	49.62	1	24.81	40	64	40	64	40	64	69.8	61.9	65.2	71.6	30.4	68.5	68.4	224.3
3	Admiralty Way	North of Fiji Way	1,514	97	1468.6	2	30.28	1	15.14	40	64	40	64	40	64	67.6	59.7	63.1	69.4	30.4	66.4	41.7	136.9
4	Lincoln Boulevard	North of Washington Blvd.	3,432	97	3329	2	68.64	1	34.32	35	56	35	56	35	56	69.5	62.4	66.1	71.7	30.4	68.6	70.2	230.2
5	Lincoln Boulevard	North of SR 90 Ramp	4,707	97	4565.8	2	94.14	1	47.07	35	56	35	56	35	56	70.9	63.8	67.5	73.1	30.4	70.0	96.2	315.7
6	Lincoln Boulevard	North of Bali Way	3,417	97	3314.5	2	68.34	1	34.17	35	56	35	56	35	56	69.5	62.4	66.1	71.7	30.4	68.6	69.8	229.2
7	Lincoln Boulevard	North of Mindanao Way	3,044	97	2952.7	2	60.88	1	30.44	40	64	40	64	40	64	70.7	62.8	66.1	72.5	30.4	69.4	83.9	275.2
8	Lincoln Boulevard	North of Fiji Way	3,779	97	3665.6	2	75.58	1	37.79	40	64	40	64	40	64	71.6	63.7	67.1	73.4	30.4	70.3	104.1	341.6
9	Lincoln Boulevard	North of Culver Blvd.	4,778	97	4634.7	2	95.56	1	47.78	45	72	45	72	45	72	74.1	65.5	68.5	75.6	30.4	72.6	173.1	568.1
10	Lincoln Boulevard	North of Jefferson Blvd.	5,468	97	5304	2	109.4	1	54.68	45	72	45	72	45	72	74.7	66.1	69.1	76.2	30.4	73.1	198.2	650.1
11	Lincoln Boulevard	North of Bluff Creek Dr.	4,602	97	4463.9	2	92.04	1	46.02	45	72	45	72	45	72	73.9	65.4	68.4	75.5	30.4	72.4	166.8	547.2
12	Lincoln Boulevard	South of Bluff Creek Dr.	5,264	97	5106.1	2	105.3	1	52.64	45	72	45	72	45	72	74.5	66.0	69.0	76.0	30.4	73.0	190.8	625.9
13	Mindanao Way	West of Admiralty Way	135	97	130.95	2	2.7	1	1.35	30	48	30	48	30	48	53.6	47.3	51.4	56.2	30.4	53.2	2.0	6.5
14	Mindanao Way	West of Lincoln Blvd.	1,379	97	1337.6	2	27.58	1	13.79	30	48	30	48	30	48	63.6	57.4	61.5	66.3	30.4	63.3	20.3	66.7
15	Mindanao Way	West of SR 90 EB	2,271	97	2202.9	2	45.42	1	22.71	30	48	30	48	30	48	65.8	59.6	63.7	68.5	30.4	65.4	33.5	109.8
16	Mindanao Way	West of SR 90 WB	1,765	97	1712.1	2	35.3	1	17.65	30	48	30	48	30	48	64.7	58.5	62.6	67.4	30.4	64.3	26.0	85.3
17	Mindanao Way	East of SR 90 Ramp	1,817	97	1762.5	2	36.34	1	18.17	30	48	30	48	30	48	64.8	58.6	62.7	67.5	30.4	64.4	26.8	87.8
18	Bali Way	West of Admiralty Way	166	97	161.02	2	3.32	1	1.66	30	48	30	48	30	48	54.4	48.2	52.3	57.1	30.4	54.1	2.4	8.0
19	Bali Way	West of Lincoln Blvd.	854	97	828.38	2	17.08	1	8.54	30	48	30	48	30	48	61.6	55.3	59.4	64.2	30.4	61.2	12.6	41.3
20	Washington Boulevard	West of Lincoln Blvd.	2,768	97	2685	2	55.36	1	27.68	35	56	35	56	35	56	68.6	61.5	65.2	70.8	30.4	67.7	56.6	185.6
21	Washington Boulevard	East of Lincoln Blvd.	2,059	97	1997.2	2	41.18	1	20.59	35	56	35	56	35	56	67.3	60.2	63.9	69.5	30.4	66.4	42.1	138.1
22	Bluff Creek Drive	East of Lincoln Blvd.	816	97	791.52	2	16.32	1	8.16	35	56	35	56	35	56	63.3	56.2	59.9	65.5	30.4	62.4	16.7	54.7
23	Jefferson Boulevard	East of Lincoln Blvd.	2,355	97	2284.4	2	47.1	1	23.55	45	72	45	72	45	72	71.0	62.5	65.5	72.6	30.4	69.5	85.3	280.0
24	Culver Boulevard	West of Nicholson St.	2,025	97	1964.3	2	40.5	1	20.25	30	48	30	48	30	48	65.3	59.1	63.2	68.0	30.4	64.9	29.8	97.9
25	Culver Boulevard	West of Jefferson Blvd	3,115	97	3021.6	2	62.3	1	31.15	45	72	45	72	45	72	72.3	63.7	66.7	73.8	30.4	70.7	112.9	370.4
26	Culver Boulevard	West of SR 90 EB	3,359	97	3258.2	2	67.18	1	33.59	45	72	45	72	45	72	72.6	64.0	67.0	74.1	30.4	71.0	121.7	399.4
27	Culver Boulevard	East of SR 90 Ramp	2,234	97	2167	2	44.68	1	22.34	40	64	40	64	40	64	69.3	61.4	64.8	71.1	30.4	68.1	61.6	201.9
28	Culver Boulevard	East of Vista Del Mar	2,054	97	1992.4	2	41.08	1	20.54	35	56	35	56	35	56	67.3	60.2	63.9	69.5	30.4	66.4	42.0	137.7
29	Vista Del Mar	North of Culver Blvd.	121	97	117.37	2	2.42	1	1.21	25	40	25	40	25	40	50.8	45.6	50.2	54.2	30.4	51.1	1.2	4.1
30	SR 90 WB	North of Mindanao Way	1,416	97	1373.5	2	28.32	1	14.16	40	64	40	64	40	64	67.4	59.5	62.8	69.2	30.4	66.1	39.0	128.0
31	SR 90 WB	North of Culver Blvd.	150	97	145.5	2	3	1	1.5	40	64	40	64	40	64	57.6	49.7	53.0	59.4	30.4	56.3	4.1	13.6
32	SR 90 EB	North of Mindanao Way	1,084	97	1051.5	2	21.68	1	10.84	40	64	40	64	40	64	66.2	58.3	61.6	68.0	30.4	64.9	29.9	98.0
33	SR 90 EB	South of Mindanao Way	2,464	97	2390.1	2	49.28	1	24.64	40	64	40	64	40	64	69.8	61.9	65.2	71.6	30.4	68.5	67.9	222.7

Existing (2015), Plus Project - Post Restoration

Calveno - Peak Hour

No.	ROAD SEGMENT	LOCATION	TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL (15 meters from roadway center)	Receptor Dist. from Roadway Center (m.)	Adjusted Noise Level (dBA)	Distance from Roadway to 65 dBA (m)	Distance from Roadway to 65 dBA (ft)
				Auto		MT		HT															
				%	Auto	%	MT	%	HT	Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
1	Admiralty Way	North of Bali Way	2,994	97	2904.2	2	59.88	1	29.94	40	64	40	64	40	64	70.6	62.7	66.0	72.4	30.4	69.3	82.5	270.6
2	Admiralty Way	South of Bali Way	2,486	97	2411.4	2	49.72	1	24.86	40	64	40	64	40	64	69.8	61.9	65.2	71.6	30.4	68.5	68.5	224.7
3	Admiralty Way	North of Fiji Way	1,532	97	1486	2	30.64	1	15.32	40	64	40	64	40	64	67.7	59.8	63.1	69.5	30.4	66.4	42.2	138.5
4	Lincoln Boulevard	North of Washington Blvd.	3,434	97	3331	2	68.68	1	34.34	35	56	35	56	35	56	69.5	62.4	66.1	71.7	30.4	68.6	70.2	230.3
5	Lincoln Boulevard	North of SR 90 Ramp	4,709	97	4567.7	2	94.18	1	47.09	35	56	35	56	35	56	70.9	63.8	67.5	73.1	30.4	70.0	96.3	315.8
6	Lincoln Boulevard	North of Bali Way	3,429	97	3326.1	2	68.58	1	34.29	35	56	35	56	35	56	69.5	62.4	66.1	71.7	30.4	68.6	70.1	230.0
7	Lincoln Boulevard	North of Mindanao Way	3,056	97	2964.3	2	61.12	1	30.56	40	64	40	64	40	64	70.7	62.8	66.1	72.5	30.4	69.4	84.2	276.3
8	Lincoln Boulevard	North of Fiji Way	3,791	97	3677.3	2	75.82	1	37.91	40	64	40	64	40	64	71.6	63.7	67.1	73.4	30.4	70.4	104.4	342.7
9	Lincoln Boulevard	North of Culver Blvd.	4,782	97	4638.5	2	95.64	1	47.82	45	72	45	72	45	72	74.1	65.5	68.5	75.6	30.4	72.6	173.3	568.6
10	Lincoln Boulevard	North of Jefferson Blvd.	5,472	97	5307.8	2	109.4	1	54.72	45	72	45	72	45	72	74.7	66.1	69.1	76.2	30.4	73.1	198.3	650.6
11	Lincoln Boulevard	North of Bluff Creek Dr.	4,606	97	4467.8	2	92.12	1	46.06	45	72	45	72	45	72	74.0	65.4	68.4	75.5	30.4	72.4	166.9	547.6
12	Lincoln Boulevard	South of Bluff Creek Dr.	5,266	97	5108	2	105.3	1	52.66	45	72	45	72	45	72	74.5	66.0	69.0	76.0	30.4	73.0	190.8	626.1
13	Mindanao Way	West of Admiralty Way	135	97	130.95	2	2.7	1	1.35	30	48	30	48	30	48	53.6	47.3	51.4	56.2	30.4	53.2	2.0	6.5
14	Mindanao Way	West of Lincoln Blvd.	1,392	97	1350.2	2	27.84	1	13.92	30	48	30	48	30	48	63.7	57.4	61.6	66.4	30.4	63.3	20.5	67.3
15	Mindanao Way	West of SR 90 EB	2,285	97	2216.5	2	45.7	1	22.85	30	48	30	48	30	48	65.8	59.6	63.7	68.5	30.4	65.4	33.7	110.5
16	Mindanao Way	West of SR 90 WB	1,767	97	1714	2	35.34	1	17.67	30	48	30	48	30	48	64.7	58.5	62.6	67.4	30.4	64.3	26.0	85.4
17	Mindanao Way	East of SR 90 Ramp	1,818	97	1763.5	2	36.36	1	18.18	30	48	30	48	30	48	64.8	58.6	62.7	67.5	30.4	64.5	26.8	87.9
18	Bali Way	West of Admiralty Way	166	97	161.02	2	3.32	1	1.66	30	48	30	48	30	48	54.4	48.2	52.3	57.1	30.4	54.1	2.4	8.0
19	Bali Way	West of Lincoln Blvd.	854	97	828.38	2	17.08	1	8.54	30	48	30	48	30	48	61.6	55.3	59.4	64.2	30.4	61.2	12.6	41.3
20	Washington Boulevard	West of Lincoln Blvd.	2,768	97	2685	2	55.36	1	27.68	35	56	35	56	35	56	68.6	61.5	65.2	70.8	30.4	67.7	56.6	185.6
21	Washington Boulevard	East of Lincoln Blvd.	2,061	97	1999.2	2	41.22	1	20.61	35	56	35	56	35	56	67.3	60.2	63.9	69.5	30.4	66.4	42.1	138.2
22	Bluff Creek Drive	East of Lincoln Blvd.	816	97	791.52	2	16.32	1	8.16	35	56	35	56	35	56	63.3	56.2	59.9	65.5	30.4	62.4	16.7	54.7
23	Jefferson Boulevard	East of Lincoln Blvd.	2,356	97	2285.3	2	47.12	1	23.56	45	72	45	72	45	72	71.0	62.5	65.5	72.6	30.4	69.5	85.4	280.1
24	Culver Boulevard	West of Nicholson St.	2,034	97	1973	2	40.68	1	20.34	30	48	30	48	30	48	65.3	59.1	63.2	68.0	30.4	64.9	30.0	98.3
25	Culver Boulevard	West of Jefferson Blvd	3,122	97	3028.3	2	62.44	1	31.22	45	72	45	72	45	72	72.3	63.7	66.7	73.8	30.4	70.7	113.1	371.2
26	Culver Boulevard	West of SR 90 EB	3,360	97	3259.2	2	67.2	1	33.6	45	72	45	72	45	72	72.6	64.0	67.0	74.1	30.4	71.0	121.8	399.5
27	Culver Boulevard	East of SR 90 Ramp	2,235	97	2168	2	44.7	1	22.35	40	64	40	64	40	64	69.3	61.4	64.8	71.1	30.4	68.1	61.6	202.0
28	Culver Boulevard	East of Vista Del Mar	2,055	97	1993.4	2	41.1	1	20.55	35	56	35	56	35	56	67.3	60.2	63.9	69.5	30.4	66.4	42.0	137.8
29	Vista Del Mar	North of Culver Blvd.	122	97	118.34	2	2.44	1	1.22	25	40	25	40	25	40	50.8	45.6	50.3	54.2	30.4	51.1	1.3	4.1
30	SR 90 WB	North of Mindanao Way	1,416	97	1373.5	2	28.32	1	14.16	40	64	40	64	40	64	67.4	59.5	62.8	69.2	30.4	66.1	39.0	128.0
31	SR 90 WB	North of Culver Blvd.	150	97	145.5	2	3	1	1.5	40	64	40	64	40	64	57.6	49.7	53.0	59.4	30.4	56.3	4.1	13.6
32	SR 90 EB	North of Mindanao Way	1,084	97	1051.5	2	21.68	1	10.84	40	64	40	64	40	64	66.2	58.3	61.6	68.0	30.4	64.9	29.9	98.0
33	SR 90 EB	South of Mindanao Way	2,469	97	2394.9	2	49.38	1	24.69	40	64	40	64	40	64	69.8	61.9	65.2	71.6	30.4	68.5	68.0	223.2

Assumptions: Peak hour traffic data from Raju Associates, Inc. 2015.

Change Between Existing (2015), and Existing Plus Project - Post Restoration

No.	ROAD SEGMENT	LOCATION	CALCULATED Existing NOISE LEVEL (15 meters from roadway center)	CALCULATED Existing Plus Project NOISE LEVEL (15 meters from roadway center)	dBA Change
1	Admiralty Way	North of Bali Way	72.4	72.4	0.0
2	Admiralty Way	South of Bali Way	71.6	71.6	0.0
3	Admiralty Way	North of Fiji Way	69.4	69.49	0.1
4	Lincoln Boulevard	North of Washington Blvd.	71.7	71.7	0.0
5	Lincoln Boulevard	North of SR 90 Ramp	73.1	73.07	0.0
6	Lincoln Boulevard	North of Bali Way	71.7	71.7	0.0
7	Lincoln Boulevard	North of Mindanao Way	72.5	72.49	0.0
8	Lincoln Boulevard	North of Fiji Way	73.4	73.43	0.0
9	Lincoln Boulevard	North of Culver Blvd.	75.6	75.63	0.0
10	Lincoln Boulevard	North of Jefferson Blvd.	76.2	76.21	0.0
11	Lincoln Boulevard	North of Bluff Creek Dr.	75.5	75.46	0.0
12	Lincoln Boulevard	South of Bluff Creek Dr.	76	76.05	0.0
13	Mindanao Way	West of Admiralty Way	56.2	56.23	0.0
14	Mindanao Way	West of Lincoln Blvd.	66.3	66.36	0.0
15	Mindanao Way	West of SR 90 EB	68.5	68.51	0.0
16	Mindanao Way	West of SR 90 WB	67.4	67.39	0.0
17	Mindanao Way	East of SR 90 Ramp	67.5	67.52	0.0
18	Bali Way	West of Admiralty Way	57.1	57.12	0.0
19	Bali Way	West of Lincoln Blvd.	64.2	64.24	0.0
20	Washington Boulevard	West of Lincoln Blvd.	70.8	70.77	0.0
21	Washington Boulevard	East of Lincoln Blvd.	69.5	69.48	0.0
22	Bluff Creek Drive	East of Lincoln Blvd.	65.5	65.46	0.0
23	Jefferson Boulevard	East of Lincoln Blvd.	72.6	72.55	0.0
24	Culver Boulevard	West of Nicholson St.	68	68.01	0.0
25	Culver Boulevard	West of Jefferson Blvd	73.8	73.78	0.0
26	Culver Boulevard	West of SR 90 EB	74.1	74.09	0.0
27	Culver Boulevard	East of SR 90 Ramp	71.1	71.13	0.0
28	Culver Boulevard	East of Vista Del Mar	70.8	70.77	0.0
29	Vista Del Mar	North of Culver Blvd.	54.2	54.21	0.0
30	SR 90 WB	North of Mindanao Way	69.2	69.15	0.0
31	SR 90 WB	North of Culver Blvd.	59.4	59.4	0.0
32	SR 90 EB	North of Mindanao Way	68	67.99	0.0
33	SR 90 EB	South of Mindanao Way	71.6	71.57	0.0

Existing a.m. peak hour (2015)

Calveno - Peak Hour

No.	ROAD SEGMENT	LOCATION	TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL (15 meters from roadway center)	Receptor Dist. from Roadway Center (m.)	Adjusted Noise Level (dBA)	Distance from Roadway to 65 dBA (m)	Distance from Roadway to 65 dBA (ft)
				Auto %	Auto	MT %	MT	HT %	HT	Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
1	Lincoln Boulevard	South of Mindanao Way	3,564	97	3457.1	2	71.28	1	35.64	40	64	40	64	40	64	71.4	63.5	66.8	73.2	30.4	70.1	98.2	322.2
2	Lincoln Boulevard	North of Fiji Way	3,515	97	3409.6	2	70.3	1	35.15	40	64	40	64	40	64	71.3	63.4	66.7	73.1	30.4	70.0	96.8	317.7
3	Lincoln Boulevard	South of Fiji Way	4,741	97	4598.8	2	94.82	1	47.41	30	48	30	48	30	48	69.0	62.8	66.9	71.7	30.4	68.6	69.9	229.2
4	Mindanao Way	East of Lincoln Boulevard	1,949	97	1890.5	2	38.98	1	19.49	30	48	30	48	30	48	65.1	58.9	63.0	67.8	30.4	64.8	28.7	94.2
5	Mindanao Way	East of SR 90 EB	1,852	97	1796.4	2	37.04	1	18.52	30	48	30	48	30	48	64.9	58.7	62.8	67.6	30.4	64.5	27.3	89.5
6	Mindanao Way	East of SR 90 WB	1,817	97	1762.5	2	36.34	1	18.17	30	48	30	48	30	48	64.8	58.6	62.7	67.5	30.4	64.4	26.8	87.8
7	SR 90 EB	North of Mindanao Way	1,122	97	1088.3	2	22.44	1	11.22	40	64	40	64	40	64	66.3	58.4	61.8	68.1	30.4	65.1	30.9	101.4
8	SR 90 EB	South of Mindanao Way	2,320	97	2250.4	2	46.4	1	23.2	40	64	40	64	40	64	69.5	61.6	64.9	71.3	30.4	68.2	63.9	209.7

Existing a.m. peak hour (2015) Plus Construction

Calveno - Peak Hour

No.	ROAD SEGMENT	LOCATION	TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL (15 meters from roadway center)	Receptor Dist. from Roadway Center (m.)	Adjusted Noise Level (dBA)	Distance from Roadway to 65 dBA (m)	Distance from Roadway to 65 dBA (ft)
				Auto %	Auto	MT %	MT	HT %	HT	Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
1	Lincoln Boulevard	South of Mindanao Way	3,640	97	3,473	2	71	1	96	40	64	40	64	40	64	71.4	63.5	71.1	74.6	30.4	71.5	136.7	448.5
2	Lincoln Boulevard	North of Fiji Way	3,592	97	3,427	2	70	1	95	40	64	40	64	40	64	71.3	63.4	71.1	74.6	30.4	71.5	135.4	444.1
3	Lincoln Boulevard	South of Fiji Way	4,826	97	4,624	2	95	1	107	30	48	30	48	30	48	69.0	62.8	70.4	73.2	30.4	70.1	99.4	326.0
4	Mindanao Way	East of Lincoln Boulevard	2,015	97	1,897	2	39	1	79	30	48	30	48	30	48	65.2	58.9	69.1	70.9	30.4	67.8	58.1	190.6
5	Mindanao Way	East of SR 90 EB	1,882	97	1,796	2	37	1	49	30	48	30	48	30	48	64.9	58.7	67.0	69.5	30.4	66.4	41.9	137.6
6	Mindanao Way	East of SR 90 WB	1,850	97	1,765	2	36	1	48	30	48	30	48	30	48	64.8	58.6	67.0	69.4	30.4	66.3	41.5	136.0
7	SR 90 EB	North of Mindanao Way	1,156	97	1,092	2	22	1	41	40	64	40	64	40	64	66.4	58.4	67.4	70.2	30.4	67.2	50.1	164.3
8	SR 90 EB	South of Mindanao Way	2,384	97	2,254	2	46	1	83	40	64	40	64	40	64	69.5	61.6	70.5	73.3	30.4	70.3	102.2	335.3

Change Between Existing (2015), and Existing (2015) Plus Construction

No.	ROAD SEGMENT	LOCATION	CALCULATED Existing NOISE LEVEL (15 meters from roadway center)	CALCULATED Ex. Plus Project NOISE LEVEL (15 meters from roadway center)	dBA Change
1	Lincoln Boulevard	South of Mindanao Way	73.2	74.6	1.4
2	Lincoln Boulevard	North of Fiji Way	73.1	74.6	1.5
3	Lincoln Boulevard	South of Fiji Way	71.7	73.2	1.5
4	Mindanao Way	East of Lincoln Boulevard	67.8	70.9	3.1
5	Mindanao Way	East of SR 90 EB	67.6	69.5	1.9
6	Mindanao Way	East of SR 90 WB	67.5	69.4	1.9
7	SR 90 EB	North of Mindanao Way	68.1	70.2	2.1
8	SR 90 EB	South of Mindanao Way	71.3	73.3	2.0

Existing (2015)

Calveno - Peak Hour

No.	ROAD SEGMENT	LOCATION	TOTAL # VEHICLES	VEHICLE TYPE % Auto %	Auto	MT %	MT	HT %	HT	VEHICLE SPEED Auto	k/h	MT	k/h	HT	k/h	NOISE LEVEL (dBA) Auto	MT	HT	CALCULATED NOISE LEVEL (15 meters from roadway center)	Receptor Dist. from Roadway Center (m.)	Adjusted Noise Level (dBA)	Distance from Roadway to 65 dBA (m)	Distance from Roadway to 65 dBA (ft)
1	Admiralty Way	North of Bali Way	2,989	97	2899.3	2	59.78	1	29.89	40	64	40	64	40	64	70.6	62.7	66.0	72.4	30.4	69.3	82.4	270.2
2	Admiralty Way	South of Bali Way	2,481	97	2406.6	2	49.62	1	24.81	40	64	40	64	40	64	69.8	61.9	65.2	71.6	30.4	68.5	68.4	224.3
3	Admiralty Way	North of Fiji Way	1,514	97	1468.6	2	30.28	1	15.14	40	64	40	64	40	64	67.6	59.7	63.1	69.4	30.4	66.4	41.7	136.9
4	Lincoln Boulevard	North of Washington Blvd.	3,432	97	3329	2	68.64	1	34.32	35	56	35	56	35	56	69.5	62.4	66.1	71.7	30.4	68.6	70.2	230.2
5	Lincoln Boulevard	North of SR 90 Ramp	4,707	97	4565.8	2	94.14	1	47.07	35	56	35	56	35	56	70.9	63.8	67.5	73.1	30.4	70.0	96.2	315.7
6	Lincoln Boulevard	North of Bali Way	3,417	97	3314.5	2	68.34	1	34.17	35	56	35	56	35	56	69.5	62.4	66.1	71.7	30.4	68.6	69.8	229.2
7	Lincoln Boulevard	North of Mindanao Way	3,044	97	2952.7	2	60.88	1	30.44	40	64	40	64	40	64	70.7	62.8	66.1	72.5	30.4	69.4	83.9	275.2
8	Lincoln Boulevard	North of Fiji Way	3,779	97	3665.6	2	75.58	1	37.79	40	64	40	64	40	64	71.6	63.7	67.1	73.4	30.4	70.3	104.1	341.6
9	Lincoln Boulevard	North of Culver Blvd.	4,778	97	4634.7	2	95.56	1	47.78	45	72	45	72	45	72	74.1	65.5	68.5	75.6	30.4	72.6	173.1	568.1
10	Lincoln Boulevard	North of Jefferson Blvd.	5,468	97	5304	2	109.4	1	54.68	45	72	45	72	45	72	74.7	66.1	69.1	76.2	30.4	73.1	198.2	650.1
11	Lincoln Boulevard	North of Bluff Creek Dr.	4,602	97	4463.9	2	92.04	1	46.02	45	72	45	72	45	72	73.9	65.4	68.4	75.5	30.4	72.4	166.8	547.2
12	Lincoln Boulevard	South of Bluff Creek Dr.	5,264	97	5106.1	2	105.3	1	52.64	45	72	45	72	45	72	74.5	66.0	69.0	76.0	30.4	73.0	190.8	625.9
13	Mindanao Way	West of Admiralty Way	135	97	130.95	2	2.7	1	1.35	30	48	30	48	30	48	53.6	47.3	51.4	56.2	30.4	53.2	2.0	6.5
14	Mindanao Way	West of Lincoln Blvd.	1,379	97	1337.6	2	27.58	1	13.79	30	48	30	48	30	48	63.6	57.4	61.5	66.3	30.4	63.3	20.3	66.7
15	Mindanao Way	West of SR 90 EB	2,271	97	2202.9	2	45.42	1	22.71	30	48	30	48	30	48	65.8	59.6	63.7	68.5	30.4	65.4	33.5	109.8
16	Mindanao Way	West of SR 90 WB	1,765	97	1712.1	2	35.3	1	17.65	30	48	30	48	30	48	64.7	58.5	62.6	67.4	30.4	64.3	26.0	85.3
17	Mindanao Way	East of SR 90 Ramp	1,817	97	1762.5	2	36.34	1	18.17	30	48	30	48	30	48	64.8	58.6	62.7	67.5	30.4	64.4	26.8	87.8
18	Bali Way	West of Admiralty Way	166	97	161.02	2	3.32	1	1.66	30	48	30	48	30	48	54.4	48.2	52.3	57.1	30.4	54.1	2.4	8.0
19	Bali Way	West of Lincoln Blvd.	854	97	828.38	2	17.08	1	8.54	30	48	30	48	30	48	61.6	55.3	59.4	64.2	30.4	61.2	12.6	41.3
20	Washington Boulevard	West of Lincoln Blvd.	2,768	97	2685	2	55.36	1	27.68	35	56	35	56	35	56	68.6	61.5	65.2	70.8	30.4	67.7	56.6	185.6
21	Washington Boulevard	East of Lincoln Blvd.	2,059	97	1997.2	2	41.18	1	20.59	35	56	35	56	35	56	67.3	60.2	63.9	69.5	30.4	66.4	42.1	138.1
22	Bluff Creek Drive	East of Lincoln Blvd.	816	97	791.52	2	16.32	1	8.16	35	56	35	56	35	56	63.3	56.2	59.9	65.5	30.4	62.4	16.7	54.7
23	Jefferson Boulevard	East of Lincoln Blvd.	2,355	97	2284.4	2	47.1	1	23.55	45	72	45	72	45	72	71.0	62.5	65.5	72.6	30.4	69.5	85.3	280.0
24	Culver Boulevard	West of Nicholson St.	2,025	97	1964.3	2	40.5	1	20.25	30	48	30	48	30	48	65.3	59.1	63.2	68.0	30.4	64.9	29.8	97.9
25	Culver Boulevard	West of Jefferson Blvd	3,115	97	3021.6	2	62.3	1	31.15	45	72	45	72	45	72	72.3	63.7	66.7	73.8	30.4	70.7	112.9	370.4
26	Culver Boulevard	West of SR 90 EB	3,359	97	3258.2	2	67.18	1	33.59	45	72	45	72	45	72	72.6	64.0	67.0	74.1	30.4	71.0	121.7	399.4
27	Culver Boulevard	East of SR 90 Ramp	2,234	97	2167	2	44.68	1	22.34	40	64	40	64	40	64	69.3	61.4	64.8	71.1	30.4	68.1	61.6	201.9
28	Culver Boulevard	East of Vista Del Mar	2,054	97	1992.4	2	41.08	1	20.54	35	56	35	56	35	56	67.3	60.2	63.9	69.5	30.4	66.4	42.0	137.7
29	Vista Del Mar	North of Culver Blvd.	121	97	117.37	2	2.42	1	1.21	25	40	25	40	25	40	50.8	45.6	50.2	54.2	30.4	51.1	1.2	4.1
30	SR 90 WB	North of Mindanao Way	1,416	97	1373.5	2	28.32	1	14.16	40	64	40	64	40	64	67.4	59.5	62.8	69.2	30.4	66.1	39.0	128.0
31	SR 90 WB	North of Culver Blvd.	150	97	145.5	2	3	1	1.5	40	64	40	64	40	64	57.6	49.7	53.0	59.4	30.4	56.3	4.1	13.6
32	SR 90 EB	North of Mindanao Way	1,084	97	1051.5	2	21.68	1	10.84	40	64	40	64	40	64	66.2	58.3	61.6	68.0	30.4	64.9	29.9	98.0
33	SR 90 EB	South of Mindanao Way	2,464	97	2390.1	2	49.28	1	24.64	40	64	40	64	40	64	69.8	61.9	65.2	71.6	30.4	68.5	67.9	222.7

Cummulative (2023)

Calveno - Peak Hour

No.	ROAD SEGMENT	LOCATION	TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL (15 meters from roadway center)	Receptor Dist. from Roadway Center (m.)	Adjusted Noise Level (dBA)	Distance from Roadway to 65 dBA (m)	Distance from Roadway to 65 dBA (ft)
				Auto		MT		HT															
				%	Auto	%	MT	%	HT	Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
1	Admiralty Way	North of Bali Way	3,259	97	3161.2	2	65.18	1	32.59	40	64	40	64	40	64	71.0	63.1	66.4	72.8	30.4	69.7	89.8	294.6
2	Admiralty Way	South of Bali Way	2,725	97	2643.3	2	54.5	1	27.25	40	64	40	64	40	64	70.2	62.3	65.6	72.0	30.4	68.9	75.1	246.3
3	Admiralty Way	North of Fiji Way	1,698	97	1647.1	2	33.96	1	16.98	40	64	40	64	40	64	68.1	60.2	63.6	69.9	30.4	66.9	46.8	153.5
4	Lincoln Boulevard	North of Washington Blvd.	3,903	97	3785.9	2	78.06	1	39.03	35	56	35	56	35	56	70.1	63.0	66.7	72.3	30.4	69.2	79.8	261.7
5	Lincoln Boulevard	North of SR 90 Ramp	5,347	97	5186.6	2	106.9	1	53.47	35	56	35	56	35	56	71.5	64.3	68.0	73.6	30.4	70.6	109.3	358.6
6	Lincoln Boulevard	North of Bali Way	3,965	97	3846.1	2	79.3	1	39.65	35	56	35	56	35	56	70.2	63.0	66.7	72.3	30.4	69.3	81.0	265.9
7	Lincoln Boulevard	North of Mindanao Way	3,556	97	3449.3	2	71.12	1	35.56	40	64	40	64	40	64	71.4	63.5	66.8	73.2	30.4	70.1	98.0	321.5
8	Lincoln Boulevard	North of Fiji Way	4,344	97	4213.7	2	86.88	1	43.44	40	64	40	64	40	64	72.2	64.3	67.7	74.0	30.4	71.0	119.7	392.7
9	Lincoln Boulevard	North of Culver Blvd.	5,357	97	5196.3	2	107.1	1	53.57	45	72	45	72	45	72	74.6	66.0	69.0	76.1	30.4	73.1	194.1	636.9
10	Lincoln Boulevard	North of Jefferson Blvd.	6,102	97	5918.9	2	122	1	61.02	45	72	45	72	45	72	75.2	66.6	69.6	76.7	30.4	73.6	221.1	725.5
11	Lincoln Boulevard	North of Bluff Creek Dr.	5,203	97	5046.9	2	104.1	1	52.03	45	72	45	72	45	72	74.5	65.9	68.9	76.0	30.4	72.9	188.5	618.6
12	Lincoln Boulevard	South of Bluff Creek Dr.	6,157	97	5972.3	2	123.1	1	61.57	45	72	45	72	45	72	75.2	66.6	69.6	76.7	30.4	73.7	223.1	732.1
13	Mindanao Way	West of Admiralty Way	146	97	141.62	2	2.92	1	1.46	30	48	30	48	30	48	53.9	47.6	51.8	56.6	30.4	53.5	2.2	7.1
14	Mindanao Way	West of Lincoln Blvd.	1,464	97	1420.1	2	29.28	1	14.64	30	48	30	48	30	48	63.9	57.7	61.8	66.6	30.4	63.5	21.6	70.8
15	Mindanao Way	West of SR 90 EB	2,436	97	2362.9	2	48.72	1	24.36	30	48	30	48	30	48	66.1	59.9	64.0	68.8	30.4	65.7	35.9	117.8
16	Mindanao Way	West of SR 90 WB	1,882	97	1825.5	2	37.64	1	18.82	30	48	30	48	30	48	65.0	58.7	62.9	67.7	30.4	64.6	27.7	91.0
17	Mindanao Way	East of SR 90 Ramp	1,947	97	1888.6	2	38.94	1	19.47	30	48	30	48	30	48	65.1	58.9	63.0	67.8	30.4	64.7	28.7	94.1
18	Bali Way	West of Admiralty Way	183	97	177.51	2	3.66	1	1.83	30	48	30	48	30	48	54.9	48.6	52.8	57.5	30.4	54.5	2.7	8.8
19	Bali Way	West of Lincoln Blvd.	906	97	878.82	2	18.12	1	9.06	30	48	30	48	30	48	61.8	55.6	59.7	64.5	30.4	61.4	13.3	43.8
20	Washington Boulevard	West of Lincoln Blvd.	3,003	97	2912.9	2	60.06	1	30.03	35	56	35	56	35	56	69.0	61.8	65.5	71.1	30.4	68.1	61.4	201.4
21	Washington Boulevard	East of Lincoln Blvd.	2,256	97	2188.3	2	45.12	1	22.56	35	56	35	56	35	56	67.7	60.6	64.3	69.9	30.4	66.8	46.1	151.3
22	Bluff Creek Drive	East of Lincoln Blvd.	1,336	97	1295.9	2	26.72	1	13.36	35	56	35	56	35	56	65.4	58.3	62.0	67.6	30.4	64.5	27.3	89.6
23	Jefferson Boulevard	East of Lincoln Blvd.	2,997	97	2907.1	2	59.94	1	29.97	45	72	45	72	45	72	72.1	63.5	66.5	73.6	30.4	70.5	108.6	356.3
24	Culver Boulevard	West of Nicholson St.	2,316	97	2246.5	2	46.32	1	23.16	30	48	30	48	30	48	65.9	59.6	63.8	68.6	30.4	65.5	34.1	112.0
25	Culver Boulevard	West of Jefferson Blvd	3,477	97	3372.7	2	69.54	1	34.77	45	72	45	72	45	72	72.7	64.2	67.2	74.2	30.4	71.2	126.0	413.4
26	Culver Boulevard	West of SR 90 EB	3,565	97	3458.1	2	71.3	1	35.65	45	72	45	72	45	72	72.8	64.3	67.3	74.4	30.4	71.3	129.2	423.9
27	Culver Boulevard	East of SR 90 Ramp	2,386	97	2314.4	2	47.72	1	23.86	40	64	40	64	40	64	69.6	61.7	65.1	71.4	30.4	68.3	65.7	215.7
28	Culver Boulevard	East of Vista Del Mar	2,297	97	2228.1	2	45.94	1	22.97	35	56	35	56	35	56	67.8	60.7	64.4	70.0	30.4	66.9	47.0	154.0
29	Vista Del Mar	North of Culver Blvd.	126	97	122.22	2	2.52	1	1.26	25	40	25	40	25	40	51.0	45.8	50.4	54.4	30.4	51.3	1.3	4.2
30	SR 90 WB	North of Mindanao Way	1,522	97	1476.3	2	30.44	1	15.22	40	64	40	64	40	64	67.7	59.8	63.1	69.5	30.4	66.4	41.9	137.6
31	SR 90 WB	North of Culver Blvd.	166	97	161.02	2	3.32	1	1.66	40	64	40	64	40	64	58.0	50.1	53.5	59.8	30.4	56.8	4.6	15.0
32	SR 90 EB	North of Mindanao Way	1,165	97	1130.1	2	23.3	1	11.65	40	64	40	64	40	64	66.5	58.6	61.9	68.3	30.4	65.2	32.1	105.3
33	SR 90 EB	South of Mindanao Way	2,639	97	2559.8	2	52.78	1	26.39	40	64	40	64	40	64	70.1	62.2	65.5	71.9	30.4	68.8	72.7	238.6

Cummulative (2023) with Project

Calveno - Peak Hour

No.	ROAD SEGMENT	LOCATION	TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED						NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL (15 meters from roadway center)	Receptor Dist. from Roadway Center (m.)	Adjusted Noise Level (dBA)	Distance from Roadway to 65 dBA (m)	Distance from Roadway to 65 dBA (ft)
				Auto		MT		HT															
				%	Auto	%	MT	%	HT	Auto	k/h	MT	k/h	HT	k/h	Auto	MT	HT					
1	Admiralty Way	North of Bali Way	3,264	97	3166.1	2	65.28	1	32.64	40	64	40	64	40	64	71.0	63.1	66.4	72.8	30.4	69.7	89.9	295.1
2	Admiralty Way	South of Bali Way	2,730	97	2648.1	2	54.6	1	27.3	40	64	40	64	40	64	70.2	62.3	65.6	72.0	30.4	68.9	75.2	246.8
3	Admiralty Way	North of Fiji Way	1,716	97	1664.5	2	34.32	1	17.16	40	64	40	64	40	64	68.2	60.3	63.6	70.0	30.4	66.9	47.3	155.1
4	Lincoln Boulevard	North of Washington Blvd.	3,905	97	3787.9	2	78.1	1	39.05	35	56	35	56	35	56	70.1	63.0	66.7	72.3	30.4	69.2	79.8	261.9
5	Lincoln Boulevard	North of SR 90 Ramp	5,349	97	5188.5	2	107	1	53.49	35	56	35	56	35	56	71.5	64.3	68.0	73.6	30.4	70.6	109.3	358.7
6	Lincoln Boulevard	North of Bali Way	3,977	97	3857.7	2	79.54	1	39.77	35	56	35	56	35	56	70.2	63.0	66.7	72.3	30.4	69.3	81.3	266.7
7	Lincoln Boulevard	North of Mindanao Way	3,568	97	3461	2	71.36	1	35.68	40	64	40	64	40	64	71.4	63.5	66.8	73.2	30.4	70.1	98.3	322.5
8	Lincoln Boulevard	North of Fiji Way	4,356	97	4225.3	2	87.12	1	43.56	40	64	40	64	40	64	72.2	64.3	67.7	74.0	30.4	71.0	120.0	393.8
9	Lincoln Boulevard	North of Culver Blvd.	5,361	97	5200.2	2	107.2	1	53.61	45	72	45	72	45	72	74.6	66.0	69.0	76.1	30.4	73.1	194.3	637.4
10	Lincoln Boulevard	North of Jefferson Blvd.	6,106	97	5922.8	2	122.1	1	61.06	45	72	45	72	45	72	75.2	66.6	69.6	76.7	30.4	73.6	221.3	726.0
11	Lincoln Boulevard	North of Bluff Creek Dr.	5,205	97	5048.9	2	104.1	1	52.05	45	72	45	72	45	72	74.5	65.9	68.9	76.0	30.4	72.9	188.6	618.9
12	Lincoln Boulevard	South of Bluff Creek Dr.	6,159	97	5974.2	2	123.2	1	61.59	45	72	45	72	45	72	75.2	66.6	69.6	76.7	30.4	73.7	223.2	732.3
13	Mindanao Way	West of Admiralty Way	146	97	141.62	2	2.92	1	1.46	30	48	30	48	30	48	53.9	47.6	51.8	56.6	30.4	53.5	2.2	7.1
14	Mindanao Way	West of Lincoln Blvd.	1,477	97	1432.7	2	29.54	1	14.77	30	48	30	48	30	48	63.9	57.7	61.8	66.6	30.4	63.5	21.8	71.4
15	Mindanao Way	West of SR 90 EB	2,450	97	2376.5	2	49	1	24.5	30	48	30	48	30	48	66.1	59.9	64.0	68.8	30.4	65.7	36.1	118.4
16	Mindanao Way	West of SR 90 WB	1,884	97	1827.5	2	37.68	1	18.84	30	48	30	48	30	48	65.0	58.7	62.9	67.7	30.4	64.6	27.8	91.1
17	Mindanao Way	East of SR 90 Ramp	1,948	97	1889.6	2	38.96	1	19.48	30	48	30	48	30	48	65.1	58.9	63.0	67.8	30.4	64.8	28.7	94.2
18	Bali Way	West of Admiralty Way	183	97	177.51	2	3.66	1	1.83	30	48	30	48	30	48	54.9	48.6	52.8	57.5	30.4	54.5	2.7	8.8
19	Bali Way	West of Lincoln Blvd.	906	97	878.82	2	18.12	1	9.06	30	48	30	48	30	48	61.8	55.6	59.7	64.5	30.4	61.4	13.3	43.8
20	Washington Boulevard	West of Lincoln Blvd.	3,003	97	2912.9	2	60.06	1	30.03	35	56	35	56	35	56	69.0	61.8	65.5	71.1	30.4	68.1	61.4	201.4
21	Washington Boulevard	East of Lincoln Blvd.	2,258	97	2190.3	2	45.16	1	22.58	35	56	35	56	35	56	67.7	60.6	64.3	69.9	30.4	66.8	46.2	151.4
22	Bluff Creek Drive	East of Lincoln Blvd.	1,336	97	1295.9	2	26.72	1	13.36	35	56	35	56	35	56	65.4	58.3	62.0	67.6	30.4	64.5	27.3	89.6
23	Jefferson Boulevard	East of Lincoln Blvd.	2,998	97	2908.1	2	59.96	1	29.98	45	72	45	72	45	72	72.1	63.5	66.5	73.6	30.4	70.5	108.6	356.5
24	Culver Boulevard	West of Nicholson St.	2,325	97	2255.3	2	46.5	1	23.25	30	48	30	48	30	48	65.9	59.7	63.8	68.6	30.4	65.5	34.3	112.4
25	Culver Boulevard	West of Jefferson Blvd	3,489	97	3384.3	2	69.78	1	34.89	45	72	45	72	45	72	72.7	64.2	67.2	74.3	30.4	71.2	126.4	414.8
26	Culver Boulevard	West of SR 90 EB	3,566	97	3459	2	71.32	1	35.66	45	72	45	72	45	72	72.8	64.3	67.3	74.4	30.4	71.3	129.2	424.0
27	Culver Boulevard	East of SR 90 Ramp	2,387	97	2315.4	2	47.74	1	23.87	40	64	40	64	40	64	69.6	61.7	65.1	71.4	30.4	68.4	65.8	215.8
28	Culver Boulevard	East of Vista Del Mar	2,298	97	2229.1	2	45.96	1	22.98	35	56	35	56	35	56	67.8	60.7	64.4	70.0	30.4	66.9	47.0	154.1
29	Vista Del Mar	North of Culver Blvd.	127	97	123.19	2	2.54	1	1.27	25	40	25	40	25	40	51.0	45.8	50.4	54.4	30.4	51.3	1.3	4.3
30	SR 90 WB	North of Mindanao Way	1,522	97	1476.3	2	30.44	1	15.22	40	64	40	64	40	64	67.7	59.8	63.1	69.5	30.4	66.4	41.9	137.6
31	SR 90 WB	North of Culver Blvd.	166	97	161.02	2	3.32	1	1.66	40	64	40	64	40	64	58.0	50.1	53.5	59.8	30.4	56.8	4.6	15.0
32	SR 90 EB	North of Mindanao Way	1,165	97	1130.1	2	23.3	1	11.65	40	64	40	64	40	64	66.5	58.6	61.9	68.3	30.4	65.2	32.1	105.3
33	SR 90 EB	South of Mindanao Way	2,633	97	2554	2	52.66	1	26.33	40	64	40	64	40	64	70.1	62.2	65.5	71.8	30.4	68.8	72.5	238.0

Assumptions: Peak hour traffic data from Raju Associates, Inc. 2015.

Change Between Existing and Cummulative (2023) with Project

No.	ROAD SEGMENT	LOCATION	CALCULATED Existing NOISE LEVEL (15 meters from roadway center)	CALCULATED Cumulative NOISE LEVEL (15 meters from roadway center)	CALCULATED Cumulative + Project NOISE LEVEL (15 meters from roadway center)	dBA Change	dBA Change
1	Admiralty Way	North of Bali Way	72.4	72.8	72.8	0.4	0.0
2	Admiralty Way	South of Bali Way	71.6	72.0	72.0	0.4	0.0
3	Admiralty Way	North of Fiji Way	69.4	69.9	70.0	0.5	0.0
4	Lincoln Boulevard	North of Washington Blvd.	71.7	72.3	72.3	0.6	0.0
5	Lincoln Boulevard	North of SR 90 Ramp	73.1	73.6	73.6	0.6	0.0
6	Lincoln Boulevard	North of Bali Way	71.7	72.3	72.3	0.7	0.0
7	Lincoln Boulevard	North of Mindanao Way	72.5	73.2	73.2	0.7	0.0
8	Lincoln Boulevard	North of Fiji Way	73.4	74.0	74.0	0.6	0.0
9	Lincoln Boulevard	North of Culver Blvd.	75.6	76.1	76.1	0.5	0.0
10	Lincoln Boulevard	North of Jefferson Blvd.	76.2	76.7	76.7	0.5	0.0
11	Lincoln Boulevard	North of Bluff Creek Dr.	75.5	76.0	76.0	0.5	0.0
12	Lincoln Boulevard	South of Bluff Creek Dr.	76.0	76.7	76.7	0.7	0.0
13	Mindanao Way	West of Admiralty Way	56.2	56.6	56.6	0.3	0.0
14	Mindanao Way	West of Lincoln Blvd.	66.3	66.6	66.6	0.3	0.0
15	Mindanao Way	West of SR 90 EB	68.5	68.8	68.8	0.3	0.0
16	Mindanao Way	West of SR 90 WB	67.4	67.7	67.7	0.3	0.0
17	Mindanao Way	East of SR 90 Ramp	67.5	67.8	67.8	0.3	0.0
18	Bali Way	West of Admiralty Way	57.1	57.5	57.5	0.4	0.0
19	Bali Way	West of Lincoln Blvd.	64.2	64.5	64.5	0.3	0.0
20	Washington Boulevard	West of Lincoln Blvd.	70.8	71.1	71.1	0.4	0.0
21	Washington Boulevard	East of Lincoln Blvd.	69.5	69.9	69.9	0.4	0.0
22	Bluff Creek Drive	East of Lincoln Blvd.	65.5	67.6	67.6	2.1	0.0
23	Jefferson Boulevard	East of Lincoln Blvd.	72.6	73.6	73.6	1.0	0.0
24	Culver Boulevard	West of Nicholson St.	68.0	68.6	68.6	0.6	0.0
25	Culver Boulevard	West of Jefferson Blvd	73.8	74.2	74.3	0.5	0.0
26	Culver Boulevard	West of SR 90 EB	74.1	74.4	74.4	0.3	0.0
27	Culver Boulevard	East of SR 90 Ramp	71.1	71.4	71.4	0.3	0.0
28	Culver Boulevard	East of Vista Del Mar	69.5	70.0	70.0	0.5	0.0
29	Vista Del Mar	North of Culver Blvd.	54.2	54.4	54.4	0.2	0.0
30	SR 90 WB	North of Mindanao Way	69.2	69.5	69.5	0.3	0.0
31	SR 90 WB	North of Culver Blvd.	59.4	59.8	59.8	0.4	0.0
32	SR 90 EB	North of Mindanao Way	68.0	68.3	68.3	0.3	0.0
33	SR 90 EB	South of Mindanao Way	71.6	71.9	71.8	0.3	0.0