APPENDIX G
NOISE MONITORING DATA AND CALCULATIONS WORKSHEETS





Summar

File Name on Meter831_Data.046.sSerial Number0010304ModelSoundAdvisor™ Model 831CFirmware Version04.5.1R0UserAdrianna GjonajJob Description11905 Wilshire Boulevard Project

Location A: On the west side of Westgate Avenue, adjacent to the Project Site **Noise Sources:** Vehicle traffic, pedestrian traffic, trash truck, delivery trucks

Measurement

Description Latitude GPS Not Synchronized Longitude GPS Not Synchronized Elevation GPS Not Synchronized 2022-04-06 10:57:50 Start Stop 2022-04-06 11:12:50 Duration 00:15:00.0 **Run Time** 00:15:00.0 Pause 0.00:00.0

Pre-Calibration 2022-04-06 10:40:29
Post-Calibration None
Calibration Deviation ---

Overall Settings

RMS Weight A Weighting Peak Weight A Weighting Detector Slow Preamplifier PRM831 **Microphone Correction** Off Integration Method Linear Gain 0.0 dB Overload 144.9 dB

 Lunder Range Peak
 66.6
 67.6
 69.6 dB

 Under Range Limit
 25.8
 26.6
 37.6 dB

 Noise Floor
 16.6
 17.3
 25.1 dB

Results

 LApeak (max)
 2022-04-06 11:06:21
 102.2 dB

 LASmax
 2022-04-06 11:06:22
 87.0 dB

 LASmin
 2022-04-06 11:10:54
 48.5 dB

 SEA
 -99.94 dB

 LAFTM5
 72.2 dB

 LAS > 65.0 dB (Exceedance Counts / Duration)
 42
 220.2 s

 LAS > 85.0 dB (Exceedance Counts / Duration)
 1
 1.7 s

 LApeak > 135.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 LApeak > 137.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 LApeak > 140.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 Community Noise
 Ldn
 LDay 07:00-22:00
 Lden
 LDay 07:00-19:00

 65.7
 65.7
 65.7
 65.7
 65.7

 LCeq
 72.7 dB

 LAeq
 65.7 dB

 LCeq-LAeq
 7.0 dB

 LAleq
 68.9 dB

 LAeq
 65.7 dB

 LAleq-LAeq
 3.3 dB



	A
	dB Time Stamp
Leq	65.7
LS(max)	87.0 2022/04/06 11:06:22
LF(max)	90.2 2022/04/06 11:06:22
LI(max)	90.8 2022/04/06 11:06:22
Ls(min)	48.5 2022/04/06 11:10:54
LF(min)	46.1 2022/04/06 11:10:58
LI(min)	47.7 2022/04/06 11:10:53
LPeak(max)	102.2 2022/04/06 11:06:21

Statistics	
LAI5.00	70.0 dB
LAI10.00	67.9 dB
LAI33.30	62.6 dB
LAI50.00	60.6 dB
LAI66.60	58.9 dB
LAI90.00	55.0 dB



Summar

File Name on Meter831_Data.045.sSerial Number0010304ModelSoundAdvisor™ Model 831CFirmware Version04.5.1R0UserAdrianna Gjonaj

Job Description 11905 Wilshire Boulevard Project **Location B:** On the west side of Westgate Avenue, north of Goshen Avenue

Noise Sources: Light vehicle traffic, light pedestrian traffic

Measurement Description

Latitude GPS Not Synchronized Longitude GPS Not Synchronized Elevation GPS Not Synchronized 2022-04-06 10:40:54 Start Stop 2022-04-06 10:55:54 Duration 00:15:00.0 **Run Time** 00:15:00.0 Pause 0.00:00.0

Pre-Calibration 2022-04-06 10:40:29
Post-Calibration None
Calibration Deviation ---

Overall Settings

RMS Weight A Weighting Peak Weight A Weighting Detector Slow Preamplifier PRM831 **Microphone Correction** Off Integration Method Linear Gain 0.0 dB Overload 144.9 dB

 LUnder Range Peak
 66.6
 67.6
 69.6 dB

 Under Range Limit
 25.8
 26.6
 37.6 dB

 Noise Floor
 16.6
 17.3
 25.1 dB

Results

 LApeak (max)
 2022-04-06 10:51:36
 103.7 dB

 LASmax
 2022-04-06 10:52:29
 78.4 dB

 LASmin
 2022-04-06 10:48:37
 42.4 dB

 SEA
 -99.94 dB

 LAFTM5
 68.5 dB

 LAS > 65.0 dB (Exceedance Counts / Duration)
 29
 103.6 s

 LAS > 85.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 LApeak > 135.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 LApeak > 137.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 LApeak > 140.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 Community Noise
 Ldn
 LDay 07:00-22:00
 Lden
 LDay 07:00-19:00

 61.1
 61.1
 61.1
 61.1
 61.1

 LCeq
 68.0 dB

 LAeq
 61.1 dB

 LCeq-LAeq
 6.9 dB

 LAleq
 65.8 dB

 LAeq
 61.1 dB

 LAleq-LAeq
 4.6 dB





A
dB : Time Stamp
61.1
78.4 2022/04/06 10:52:29
82.1 2022/04/06 10:41:51
83.8 2022/04/06 10:41:51
42.4 2022/04/06 10:48:37
41.1 2022/04/06 10:49:44
42.3 2022/04/06 10:48:38
103.7 2022/04/06 10:51:36

Statistics	
LAI5.00	67.4 dB
LAI10.00	64.5 dB
LAI33.30	55.3 dB
LAI50.00	51.5 dB
LAI66.60	49.1 dB
LAI90.00	45.4 dB



File Name on Meter 831_Data.047.s **Serial Number** 0010304 Model SoundAdvisor™ Model 831C Firmware Version 04.5.1R0 User Adrianna Gjonaj

11905 Wilshire Boulevard Project Location C: On the east side of Armacost Avenue, south of Wilshire Boulevard Noise Sources: Vehicle traffic, light pedestrian traffic, delivery trucks

Measurement Description

Job Description

Latitude GPS Not Synchronized Longitude GPS Not Synchronized Elevation GPS Not Synchronized 2022-04-06 11:15:19 Start Stop 2022-04-06 11:30:19 Duration 00:15:00.0 **Run Time** 00:15:00.0 Pause 0.00:00.0

2022-04-06 10:40:29 Pre-Calibration Post-Calibration **Calibration Deviation**

Overall Settings

RMS Weight A Weighting Peak Weight A Weighting Detector Slow Preamplifier PRM831 **Microphone Correction** Off Integration Method Linear Gain 0.0 dB Overload 144.9 dB

c z 69.6 dB **Under Range Peak** 66.6 67.6 **Under Range Limit** 25.8 37.6 dB 26.6 Noise Floor 16.6 17.3 25.1 dB

Results LAeq

60.6 LAE 90.1 $114.481~\mu Pa^2h$ EΑ 2022-04-06 11:27:05 LApeak (max)

95.6 dB 2022-04-06 11:27:05 LASmax 78.6 dB LASmin 2022-04-06 11:16:53 45.5 dB

SEA LAFTM5 68.0 dB

LAS > 65.0 dB (Exceedance Counts / Duration) 21 92.0 s LAS > 85.0 dB (Exceedance Counts / Duration) 0.0 s 0 LApeak > 135.0 dB (Exceedance Counts / Duration) 0 0.0 s

LApeak > 137.0 dB (Exceedance Counts / Duration) 0 0.0 s LApeak > 140.0 dB (Exceedance Counts / Duration) 0 0.0 s

Community Noise Ldn LDay 07:00-22:00 Lden LDay 07:00-19:00 60.6 60.6 60.6 60.6

68.2 dB LCeq 60.6 dB LAeq LCeq - LAeq 7.6 dB 64.4 dB LAleq 60.6 dB LAeq LAleq - LAeq 3.9 dB





	Α
	dB Time Stamp
Leq	60.6
LS(max)	78.6 2022/04/06 11:27:05
LF(max)	82.4 2022/04/06 11:27:05
Li(max)	84.0 2022/04/06 11:27:04
Ls(min)	45.5 2022/04/06 11:16:53
LF(min)	44.6 2022/04/06 11:16:53
LI(min)	45.2 2022/04/06 11:16:53
LPeak(max)	95.6 2022/04/06 11:27:05

Statistics	
LAI5.00	67.9 dB
LAI10.00	63.7 dB
LAI33.30	52.5 dB
LAI50.00	50.3 dB
LAI66.60	49.2 dB
LA190.00	48.0 dB



Summar

File Name on Meter831_Data.048.sSerial Number0010304ModelSoundAdvisor™ Model 831CFirmware Version04.5.1R0UserAdrianna GjonajJob Description11905 Wilshire Boulevard Project

Location D: On the west side of Westgate Avenue, south of Wilshire Boulevard

Noise Sources: Vehicle traffic, light pedestrian traffic

Measurement Description

Latitude GPS Not Synchronized Longitude GPS Not Synchronized Elevation GPS Not Synchronized 2022-04-06 11:32:51 Start Stop 2022-04-06 11:47:51 Duration 00:15:00.0 **Run Time** 00:15:00.0 Pause 0.00:00.0

Pre-Calibration 2022-04-06 10:40:29
Post-Calibration None
Calibration Deviation ---

Overall Settings

RMS Weight A Weighting Peak Weight A Weighting Detector Slow Preamplifier PRM831 **Microphone Correction** Off Integration Method Linear Gain 0.0 dB Overload 144.9 dB

 LUnder Range Peak
 G6.6
 67.6
 69.6 dB
 dB

 Under Range Limit
 25.8
 26.6
 37.6 dB

 Noise Floor
 16.6
 17.3
 25.1 dB

Results

 LApeak (max)
 2022-04-06 11:46:28
 98.5 dB

 LASmax
 2022-04-06 11:46:28
 76.0 dB

 LASmin
 2022-04-06 11:33:07
 50.1 dB

 SEA
 -99.94 dB

 LAFTM5
 67.5 dB

 LAS > 65.0 dB (Exceedance Counts / Duration)
 26
 98.7 s

 LAS > 85.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 LApeak > 135.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 LApeak > 137.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 LApeak > 140.0 dB (Exceedance Counts / Duration)
 0
 0.0 s

 Community Noise
 Ldn
 LDay 07:00-22:00
 Lden
 LDay 07:00-19:00

 60.8
 60.8
 60.8
 60.8
 60.8

 LCeq
 70.5 dB

 LAeq
 60.8 dB

 LCeq-LAeq
 9.7 dB

 LAleq
 64.4 dB

 LAeq
 60.8 dB

 LAleq-LAeq
 3.5 dB





	Α
	dB Time Stamp
Leq	60.8
LS(max)	76.0 2022/04/06 11:46:28
LF(max)	81.8 2022/04/06 11:46:28
Li(max)	85.1 2022/04/06 11:46:28
LS(min)	50.1 2022/04/06 11:33:07
LF(min)	49.3 2022/04/06 11:33:06
LI(min)	49.5 2022/04/06 11:33:06
LPeak(max)	98.5 2022/04/06 11:46:28

Statistics	
LAI5.00	67.6 dB
LAI10.00	64.1 dB
LAI33.30	57.6 dB
LAI50.00	56.2 dB
LAI66.60	55.1 dB
LA190.00	53.3 dB

9/13/22 11905 Wilshire Boulevard Demolition/Site Clearing Report date: Project: Phase:

					R	ECEPTOR #1								
		Ambient/Baseline (dBA)												
Description	Lan	d Use	Day	time										
Multi-family residential immediately north of the Project Site, south of Goshen Avenue	Resid	dential	65	5.7										
		Equipment						With	out Mitigatio	n	1	Wit	th Mitigation	
	Impact		Spec. Max		Receptor Distance to Project	Receptor Distance to Centerline of Project Site		Estimated Shielding	Calculated (dBA)			Estimated Shielding	Calculate	ed (dBA)
Description	Device	Usage(%)			Site (Feet)			(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Concrete/Industrial Saw	No	20	90	90	15	90		0	84.9	77.9		15	69.9	62.9
Rubber Tired Dozer	No	40	85	82	15	90		0	76.9	72.9		15	64.9	60.9
						Construction Noise Level (dBA Leq) 79.1							Results	65.0
							No	ise Leve Abo	e Ambient	13.4	No	ise Leve Abov	ve Ambient	-0.7

	RECEPTOR #2														
		Ambie	ent/Baseline	(dBA)											
Description	Land	d Use	Day	time											
Multi-family residential northeast of the Project Site, south of Goshen Avenue and east of Westgate Avenue	Resid	dential	65	5.7											
Equipment								Without Mitigation				With Mitigation			
	Impact		Spec. Max	Actual	Receptor Distance to Project	Receptor Distance to Centerline of Project Site		Estimated Shielding	Calculated (dBA)			Estimated Shielding		ed (dBA)	
Description	Device	Usage(%)	(dBA)	Max (dBA)	Site (Feet)	(Feet)		(dBA)	*Lmax	Leq	1	(dBA)	*Lmax	Leq	
Concrete/Industrial Saw	No	20	90	90	65	170		0	79.4	72.4	1	15	64.4	57.4	
Rubber Tired Dozer	No	40	85	82	65	170		0	71.4	67.4		15	59.4	55.4	
						Const	on Noise Leve					Results	59.5 -6.2		
							No	ise Leve Abo	ve Ambient	7.9	No	Noise Leve Above Ambient			

					R	ECEPTOR #3								
		Ambie	ent/Baseline	(dBA)										
Description	Lan	d Use	Day	time										
Multi-family residential further north of the Project Site, north of Goshen Avenue	Resid	dential	61	1.1										
			With	out Mitigation	on)	Wi	th Mitigation						
					Receptor Distance			Calculated (dBA)		Calculated (dBA)		Calculate	d (dBA)	
Description	Impact Device	Usage(%)	Spec. Max (dBA)	Actual Max (dBA)	to Project Site (Feet)	Project Site (Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Concrete/Industrial Saw	No	20	90	90	225	300		5	69.4	62.4		15	59.4	52.4
Rubber Tired Dozer	No	40	85	82	225	300		5	61.4	57.5		15	54.4	50.5
						Construction Noise Level (dBA Leq)				63.6			Results	54.6
İ						Noise Leve Above Ambient				2.5	No	ise Leve Abov	e Ambient	-6.5

					R	ECEPTOR #4								
		Ambie	nt/Baseline	(dBA)										
Description	Land	d Use	Day	time										
Multi-family residential south of Wilshire Boulevard, fronting Brockton Avenue and Armacost Avenue	Resid	dential	60).9										
		Equipment				Receptor		With	out Mitigation	on]	Wi	th Mitigation	1
	Equipment Recepti								Calculate	ed (dBA)		Estimated Shielding	Calculate	ed (dBA)
Description	Impact Device	Usage(%)	Spec. Max (dBA)	Actual Max (dBA)	to Project Site (Feet)	Project Site (Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Concrete/Industrial Saw	No	20	90	90	265	340		5	68.3	61.4]	15	58.3	51.4
Rubber Tired Dozer	No	40	85	82	265	340		5	60.3	56.4		15	53.3	49.4
						Cons		on Noise Leve oise Leve Abo			No	ise Leve Abo	Results	53.5 -7.4

							140	Mac Leve Abo	VC AIIIDICIIL	1.7	140	JISC LEVE ADO	VC Ambient	-14
					R	ECEPTOR #5								
		Ambie	ent/Baseline	(dBA)										
Description	Lan	d Use	Day	time										
Multi-family residential south of														
Wilshire Boulevard, fronting	D	dential		0.8										
Westgate Avenue and Granville	Resid	dentiai	60	J.8										
Avenue														
					_									
		Equipment					Ì	With	out Mitigation	on		Wi	th Mitigation	
	Impact		Spec. Max	Actual	Receptor Distance to Project	Receptor Distance to Centerline of Project Site		Estimated Shielding				Estimated Shielding	Calculate	ed (dBA)
Description	Device	Usage(%)	(dBA)	Max (dBA)	Site (Feet)	(Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Concrete/Industrial Saw	No	20	90	90	235	310		5	69.2	62.2		15	59.2	52.2
Rubber Tired Dozer	No	40	85	82	235	310		5	61.2	57.2		15	54.2	50.2
						Cons	tructio	on Noise Leve	I (dBA Leq)	63.4			Results	54.3
i							No	ise Leve Abo	νο Ambient	2.6	No	oise Leve Abo	ve Ambient	-6.5

- Notes:

 1. Daytime noise levels are based on presumed ambient noise levels per LAMC 111.03.

 2. An attenuation factor of 5 dBA was applied for sensitive receptors where buildings separate the Project Site and the associated sensitive receptor.

 3. Calculations based on the loudest two pieces of heavy construction equipment specific to each phase.



9/13/22 11905 Wilshire Boulevard Grading Report date: Project: Phase:

			RECEPTOR #1
		Ambient/Baseline ((dBA)
Description	Land l	Use Dayt	ime
Multi-family residential immediately north of the Project Site, south of Goshen Avenue	Reside	ential 65.	.7

		Equipment						With	out Mitigation	n		W	th Mitigation	
	Impact		Spec. Max	Actual	Receptor Distance to Project	Receptor Distance to Centerline of Project Site		Estimated Shielding	Calculated (dBA)			Estimated Shielding	Calculate	d (dBA)
Description	Device	Usage(%)			Site (Feet)			(dBA)	*Lmax	Lea	1	(dBA)	*Lmax	Leq
Grader	No	40	85	85	15	90		0	79.9	75.9		15	64.9	60.9
Rubber Tired Dozer	No	40	85	82	15	90		0	76.9	72.9	İ	15	64.9	60.9
	•	•	•	•	•	Const	ructio	on Noise Leve	(dBA Leq)	77.7			Results	63.9
							No	ise Leve Abo	e Ambient	12.0	No	ise Leve Abo	ve Ambient	-1.8

					R	RECEPTOR #2							
		Ambie	ent/Baseline	(dBA)									
Description	Land	Use	Day	time									
Multi-family residential northeast of the Project Site, south of Goshen Avenue and east of Westgate Avenue	Resid	lential	65	i.7									
		Equipment					With	out Mitigation	on	1	Wit	th Mitigation	1
	Impact		Spec. Max	Actual	Receptor Distance to Project	Receptor Distance to Centerline of Project Site	Estimated Shielding	Calculate	ed (dBA)		Estimated Shielding	Calculate	ed (dBA)
Description	Device	Usage(%)	(dBA)	Max (dBA)	Site (Feet)	(Feet)	(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Grader	No	40	85	85	65	170	0	74.4	70.4	1	15	59.4	55.4
Rubber Tired Dozer	No	40	85	82	65	170	0	71.4	67.4		15	59.4	55.4

					R	ECEPTOR #3							
		Ambie	ent/Baseline	(dBA)									
Description	Land	Use	Day	time	ĺ								
Multi-family residential further north of the Project Site, north of Goshen Avenue	Resid	dential	61	1.1									
		Equipment					With	out Mitigatio	on	1	Wi	th Mitigation	ı
					Receptor Distance	Receptor Distance to Centerline of	Estimated Shielding	Calculate	ed (dBA)		Estimated Shielding	Calculate	ed (dBA)
Description	Impact Device	Usage(%)	Spec. Max (dBA)	Actual Max (dBA)	to Project Site (Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Grader	No	40	85	85	225	300	5	64.4	60.5		15	54.4	50.5
Rubber Tired Dozer	No	40	85	82	225	300	5	61.4	57.5		15	54.4	50.5
				Const	on Noise Leve		62.2 1.1	No	ise Leve Abo	Results	53.5 -7.6		

						ECEPTOR #4								
		Ambie	ent/Baseline	(dBA)										
Description	Land	l Use	Day	time										
Multi-family residential south of Wilshire Boulevard, fronting Brockton Avenue and Armacost Avenue	Resid	dential	60).9										
		Equipment						With	out Mitigatio	n.		Wi	th Mitigation	
		Equipment			Receptor Distance	Receptor Distance to Centerline of		Without Mitigation Estimated Shielding Calculated (dBA				Estimated Shielding	Calculate	
Description	Impact Device	Usage(%)	Spec. Max (dBA)	Actual Max (dBA)	to Project Site (Feet)	Project Site (Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Grader	No	40	85	85	265	340		5	63.3	59.4		15	53.3	49.4
Rubber Tired Dozer	No	40	85	82	265	340		5	60.3	56.4		15	53.3	49.4
						Const	ructio	on Noise Leve	(dBA Leq)	61.1			Results	52.4
							No	ise Leve Abo	e Ambient	0.2	No	oise Leve Abo	ve Ambient	-8.5

				R	ECEPTOR #5								
	Ambie	ent/Baseline	(dBA)										
Lanc	Use	Day	time	Ī									
Resid	dential	60	0.8										
	Equipment	ı	I				With	out Mitigatio	on		Wit	th Mitigation	l
		Spec. Max	Actual	Receptor Distance to Project	Distance to Centerline of Project Site	Estimated Shielding Calculated (dBA)			ed (dBA)		Estimated Shielding	Calculate	ed (dBA
Impact													
Impact Device	Usage(%)			Site (Feet)			(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
							(dBA) 5	*Lmax 64.2	Leq 60.2		(dBA) 15	*Lmax 54.2	Leq 50.2
Device	Usage(%)	(dBA)	Max (dBA)	Site (Feet)	(Feet)								
		Land Use Residential	Land Use Day Residential 60	Residential 60.8	Ambient/Baseline (dBA) Land Use Daytime Residential 60.8 Equipment Receptor	Residential 60.8 Equipment Receptor Receptor Distance to	Ambient/Baseline (dBA) Land Use Daytime Residential 60.8 Equipment Receptor Distance to	Ambient/Baseline (dBA) Land Use Daytime Residential 60.8	Ambient/Baseline (dBA) Land Use Daytime Residential 60.8 Equipment Receptor Receptor Receptor Distance to Estimated Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Calculate Ca	Ambient/Baseline (dBA) Land Use Daytime Residential 60.8 Equipment Receptor Receptor Distance to Estimated (ABA)	Ambient/Baseline (dBA) Land Use	Ambient/Baseline (dBA) Land Use Daytime Residential 60.8 Equipment Receptor Receptor Distance to Estimated Calculated (dBA) Estimated Calculated (dBA) Estimated Estimated Calculated (dBA) Estimated Ambient/Baseline (dBA) Land Use	

- Notes:
 1. Dayime noise levels are based on presumed ambient noise levels per LAMC 111.03.
 2. An attenuation factor of 5 dBA was applied for sensitive receptors where buildings separate the Project Site and the associated senstive receptor.
 3. Calculations based on the loudest two pieces of heavy construction equipment specific to each phase.



9/13/22 11905 Wilshire Boulevard Building Construction Report date: Project: Phase:

	Ambie	ent/Baseline (dBA)
Description	Land Use	Daytime
Multi-family residential immediately north of the Project Site, south of Goshen Avenue	Residential	65.7

		Equipment			_		1	With	out Mitigatio	on	1	Wi	th Mitigation	1
	Impact	_qupon	Spec. Max	Actual	Receptor Distance to Project	Receptor Distance to Centerline of Project Site		Estimated Shielding	Calculate			Estimated Shielding	Calculate	
Description	Device	Usage(%)			Site (Feet)			(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Crane	No	16	85	81	15	90		0	75.9	67.9		15	64.9	56.9
Generator	No	50	82	81	15	90	1	0	75.9	72.9		15	61.9	58.9
						Cons	tructio	on Noise Leve	I (dBA Leq)	74.1			Results	61.0
							Ma	ioo Lovo Abo	to Ambiont	8.4	Ma	ioo Lovo Abo	vo Ambiont	47

RECEPTOR #1

RECEPTOR #2 Ambient/Baseline (dBA)														
	Ambie	ent/Baseline	(dBA)											
Land	l Use	Day	time											
Resid	lential	65	5.7											
	Equipment						With	out Mitigatio	on	l	Wit	th Mitigation	ı	
Impact		Spec. Max	Actual	Receptor Distance to Project	Receptor Distance to Centerline of Project Site		Estimated Shielding Calculated (dBA)				Estimated Shielding	Calculate	ed (dBA)	
Device	Usage(%)	(dBA)	Max (dBA)	Site (Feet)	(Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq	
No	16	85	81	65	170		0	70.4	62.4		15	59.4	51.4	
No	50	82	81	65	170		0	70.4	67.4		15	56.4	53.4	
					Const								55.5	
	Resid	Residential Equipment Impact Device Usage(%) No 16	Residential 65	Land Use Daytime	Residential 65.7	Residential 65.7	Residential 65.7	Residential 65.7	Residential 65.7	Residential 65.7	Residential 65.7	Residential 65.7	Residential 65.7	

					R	ECEPTOR #3								
		Ambie	ent/Baseline	(dBA)										
Description	Land	d Use	Day	time										
Multi-family residential further north of the Project Site, north of Goshen Avenue	Resid	dential	61	.1										
		Equipment						With	out Mitigatio	n	1	Wit	th Mitigation	
					Receptor Distance	Receptor Distance to Centerline of		Estimated Shielding	Calculate	d (dBA)		Estimated Shielding	Calculate	ed (dBA)
	Impact		Spec. Max	Actual	to Project	Project Site					1			
Description	Device	Usage(%)	(dBA)	Max (dBA)	Site (Feet)	(Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Crane	No	16	85	81	225	300		5	60.4	52.5	1	15	54.4	46.5
Generator	No	50	82	81	225	300		5	60.4	57.4	i	15	51.4	48.4
						Const	ructi	on Noise Leve	(dBA Leq)	58.6			Results	50.6
İ							N	nice Leve Ahor	ο Ambient	-2.5	No	isa Lava Aho	νο Amhient	-10.5

	RECEPTOR #4													
		Ambie	ent/Baseline	(dBA)										
Description	Land	d Use	Day	time										
Multi-family residential south of Wilshire Boulevard, fronting Brockton Avenue and Armacost Avenue	Resid	dential	60).9										
	Equipment								out Mitigation	on	1	Wi	th Mitigation	1
					Receptor Distance	Receptor Distance to Centerline of		Estimated Shielding	Calculate	ed (dBA)		Estimated Shielding	Calculate	ed (dBA)
Description	Impact Device	Usage(%)	Spec. Max (dBA)		to Project Site (Feet)	Project Site (Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Crane	No	16	85	81	265	340		5	59.3	51.4]	15	53.3	45.4
Generator	No	50	82	81	265	340		5	59.3	56.3		15	50.3	47.3
		-				Const	on Noise Leve						49.5	
1									ve Ambient	-3.4	No	ise Leve Abo	ve Ambient	-11.4

					R	ECEPTOR #5								
	I	Ambie	nt/Baseline	(dBA)										
Description	Lan	dUse	Day	time										
Multi-family residential south of Wilshire Boulevard, fronting Westgate Avenue and Granville Avenue	Resi	dential	60).8										
			With	out Mitigatio	on		Wi	th Mitigation)					
	Impact		Spec. Max	Actual	Receptor Distance to Project	Receptor Distance to Centerline of Project Site		Estimated Shielding Calculated (dBA)				Estimated Shielding	Calculate	ed (dBA)
Description	Device	Usage(%)		Max (dBA)	Site (Feet)	(Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Crane	No	16	85	81	235	310		5	60.2	52.2		15	54.2	46.2
Generator	No	50	82	81	235	310		5	60.2	57.1		15	51.2	48.1
						Const	tructi	on Noise Leve	l (dBA Leq)				Results	50.3
							No	oise Leve Abo	e Ambient	-2.5	No	oise Leve Abo	ve Ambient	-10.5

- Notes:
 1. Daytime noise levels are based on presumed ambient noise levels per LAMC 111.03.
 2. An attenuation factor of 5 dBA was applied for sensitive receptors where buildings separate the Project Site and the associated sensitive receptor.
 3. Calculations based on the loudest two pieces of heavy construction equipment specific to each phase.



9/13/22 11905 Wilshire Boulevard Architectural Coatings Report date: Project: Phase:

					R	ECEPTOR #1									
		Ambie	nt/Baseline	(dBA)											
Description	Land	d Use	Day	time											
Multi-family residential immediately north of the Project Site, south of Goshen Avenue	Resid	dential	65	5.7											
		Equipment					1	Without Mitigation W						/ith Mitigation	
			O M	A -41	Receptor Distance	Receptor Distance to Centerline of		Estimated Shielding Calculated (dBA)				Estimated Shielding	Calculate	ed (dBA)	
Description	Impact Device	Usage(%)	Spec. Max (dBA)	Actual Max (dBA)	to Project Site (Feet)	Project Site (Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq	
Air Compressor	No	40	80	78	15	90		0	72.9	68.9	1	15	59.9	55.9	
Air Compressor	No	40	80	78	15	90		0	72.9	68.9		15	59.9	55.9	
						Cons		on Noise Leve					Results	58.9	

					R	ECEPTOR #2								
		Ambie	nt/Baseline	(dBA)										
Description	Land	d Use	Day	time]									
Multi-family residential northeast of the Project Site, south of Goshen Avenue and east of Westgate Avenue	Resid	dential	65	5.7										
	ı	_		With	out Mitigati	on		Wit	th Mitigation					
	Impact		Spec. Max	Actual	Receptor Distance to Project	Receptor Distance to Centerline of Project Site		Estimated Shielding				Estimated Shielding	Calculate	ed (dBA)
Description	Device	Usage(%)			Site (Feet)			(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq
Air Compressor	No	40	80	78	65	170		0	67.4	63.4		15	54.4	50.4
Air Compressor	No	40	80	78	65	170		0	67.4	63.4		15	54.4	50.4
						Const		n Noise Leve					Results	53.4
							No	ise Leve Abo	ve Ambient	0.7	No	oise Leve Abov	ve Ambient	-12.3

		Ambie	ent/Baseline	(dBA)											
Description	Lan	d Use	Day	time											
Multi-family residential further north of the Project Site, north of Goshen Avenue	Resid	dential	61	1.1											
			With	out Mitigation	on	1	Wit	h Mitigation							
					Receptor Distance	Receptor Distance to Centerline of		Estimated Shielding				Estimated Shielding	Calculate	ed (dBA)	
Description	Impact Device	Usage(%)	Spec. Max (dBA)	Actual Max (dBA)	to Project Site (Feet)	Project Site (Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq	
Air Compressor	No	40	80	78	225	300		5	57.4	53.5		15	49.4	45.5	
Air Compressor	No	40	80	78	225	300		5	57.4	53.5		15	49.4	45.5	
						Const	Construction Noise Level (dBA Leq)			56.5	56.5 Results			48.5 -12.6	
1									Noise Leve Above Ambient -4.6 Noise Leve Above Ambient						

		Ambie	ent/Baseline	(dBA)											
Description	Land	d Use	Day	time]										
Multi-family residential south of Wilshire Boulevard, fronting Brockton Avenue and Armacost Avenue	Resid	dential	60).9											
		ì	With	out Mitigation	on]	Wi	th Mitigation							
					Receptor Distance	Receptor Distance to Centerline of		Estimated Shielding				Estimated Shielding	Calculate	ed (dBA)	
	Impact		Spec. Max	Actual	to Project	Project Site					1				
Description	Device	Usage(%)	(dBA)	Max (dBA)	Site (Feet)	(Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq	
Air Compressor	No	40	80	78	265	340		5	56.3	52.4		15	48.3	44.4	
Air Compressor	ir Compressor No 40 80 78 265 3								56.3	52.4		15	48.3	44.4	
						Cons	Construction Noise Level (dBA Leq) 55.4					Results			
							No	ise Leve Abo	e Ambient	-5.5	No	ise Leve Abo	ve Ambient	-13.5	

						Holse Leve Above Alliberti -5.5 Holse Leve Above Alliberti									
					R	ECEPTOR #5									
		Ambie	ent/Baseline	(dBA)											
Description	Lane	d Use	Day	time	1										
Multi-family residential south of Wilshire Boulevard, fronting Westgate Avenue and Granville Avenue	Resid	dential	60	0.8											
)	With	out Mitigation	on		Wi	th Mitigation							
	Impact		Spec. Max	Actual	Receptor Distance to Project	Receptor Distance to Centerline of Project Site		Estimated Shielding	Calculate	ed (dBA)		Estimated Shielding	Calculate	ed (dBA)	
Description	Device	Usage(%)	(dBA)	Max (dBA)	Site (Feet)	(Feet)		(dBA)	*Lmax	Leq		(dBA)	*Lmax	Leq	
Air Compressor	No	40	80	78	235	310		5	57.2	53.2		15	49.2	45.2	
Air Compressor	No	40	80	78	235	310	1	5	57.2	53.2		15	49.2	45.2	
•	•	•	•	•	•	Cons		on Noise Leve			Ma	oise Leve Abo	Results	48.2 -12.6	
							NC	ise Leve Abo	ve Ambient	-4.0	IAC	JISE LEVE ADO	ve Ambient	-12.0	

- Notes:

 1. Daytime noise levels are based on presumed ambient noise levels per LAMC 111.03.

 2. An attenuation factor of 5 dBA was applied for sensitive receptors where buildings separate the Project Site and the associated sensitive receptor.

 3. Calculations based on the loudest two pieces of heavy construction equipment specific to each phase.





Construction Noise Impact Summary Without Mitigation

			Construction				
	Ambient	No	oise Level Imp	act (dBA Leq) b		Noise	Noise Impact
Address	Noise <u>(dBA Leq)</u>	Demo	Grading	Building	Architectural Coating	Threshold (dBA Leg)**	Above <u>Threshold</u>
RECEPTOR #1	65.7	79.1	77.7	74.1	71.9	70.7	8.4
RECEPTOR #2	65.7	73.6	72.2	68.6	66.4	70.7	2.9
RECEPTOR #3	61.1	63.6	62.2	58.6	56.5	66.1	-2.5
RECEPTOR #4	60.9	62.6	61.1	57.5	55.4	65.9	-3.3
RECEPTOR #5	60.8	63.4	61.9	58.3	56.2	65.8	-2.4

 $[\]hbox{$**$ Significance criteria is based on a 5-dBA noise increase above ambient threshold.}$

Construction Noise Impact Summary With Mitigation

	Ambient	No	oise Level Imp	Construction Noise	Noise Impact		
<u>Address</u>	Noise (dBA Leg)	<u>Demo</u>	Grading	Building	Architectural Coating	Threshold (dBA Leg)**	Above <u>Threshold</u>
RECEPTOR #1	65.7	65.0	63.9	61.0	58.9	70.7	0.0
RECEPTOR #2	65.7	59.5	58.4	55.5	53.4	70.7	0.0
RECEPTOR #3	61.1	54.6	53.5	50.6	48.5	66.1	0.0
RECEPTOR #4	60.9	53.5	52.4	49.5	47.4	65.9	0.0
RECEPTOR #5	60.8	54.3	53.2	50.3	48.2	65.8	0.0

 $[\]ensuremath{^{**}}$ Significance criteria is based on a 5- dBA noise increase above ambient threshold.