

Noise Measurement Field Data					
Project:	Fairview	v at Northgate (Vallejo)		Job Number:	
Site No.:	#1			Date:	12/11/2018
Analyst:	Noemi \	Wyss		Time:	11:16 AM
Location:	Hunter	Hunter Court			
Noise Source	Cars on Foothill/ Hunter Court, birds, people talking				
Comments:	Comments:				
Results (dBA):					
		Leq:	Lmin:	Lmax:	Peak:
55.4 55.3 65.1 91.4					

Equipment		
Sound Level Meter: SoundPro DL		
Calibrator:	QC-10	
Response Time:	Slow	
Weighting:	Α	
Microphone Height:	5 feet	

Weather			
Temp. (degrees F): 46			
Wind (mph):	6 mph		
Sky:	Clear		
Bar. Pressure:	30.22		
Humidity:	89%		



Kimley» Horn

Noise Measurement Field Data						
Project:	Fairviev	Fairview at Northgate (Vallejo)  Job Number:				
Site No.:	#2			Date:	12/11/2018	
Analyst:	Noemi \	Wyss		Time:	11:40 AM	
Location:	Apartment Complex (Sundance Apartment Homes)					
Noise Source	Noise Sources: People talking, some cars in parking lot, machinery					
Comments:	ts: Someone came to talk to me around minute 9					
Results (dBA):						
	Leq: Lmin: Lmax: Peak:					
	56.0 55.3 79.8 80.1					

Equipment		
Sound Level Meter: SoundPro DL		
Calibrator:	QC-10	
Response Time:	Slow	
Weighting:	Α	
Microphone Height:	5 feet	

Weather			
Temp. (degrees F): 48			
Wind (mph):	5		
Sky:	Clear		
Bar. Pressure:	30.17		
Humidity:	89%		



Kimley» Horn

Noise Measurement Field Data					
Project:	Fairview	at Northgate (Vallejo)		Job Number:	
Site No.:	#3			Date:	12/11/2018
Analyst:	Noemi \	Vyss		Time:	12:20 PM
Location:	Turner F	Turner Parkway and Admiral Callaghan Lane			
Noise Sources: I-80, Turner, Callaghan> constant vehicular noise					
Comments:	Comments:				
Results (dB	Results (dBA):				
		Leq:	Lmin:	Lmax:	Peak:
67.3 60.1 75.9 98.6					98.6

Equipment		
Sound Level Meter: SoundPro DL		
Calibrator:	QC-10	
Response Time:	Slow	
Weighting:	Α	
Microphone Height:	5 feet	

Weather		
Temp. (degrees F): 50		
Wind (mph):	6	
Sky:	Clear	
Bar. Pressure:	30.14	
Humidity:	67%	



Kimley» Horn

Noise Measurement Field Data					
Project:	Fairviev	Fairview at Northgate (Vallejo)  Job Number:			
Site No.:	#4			Date:	12/11/2018
Analyst:	Noemi \	Wyss		Time:	12:42 PM
Location:	Rotary S	Rotary Street near Safeway/ commercial center			
Noise Sour	Noise Sources: Rotary, shopping center, I-80, Callaghan Lane				
Comments:					
Results (dBA):					
Leq: Lmin: Lmax: Peak:				Peak:	
62.8 55.3 80.2 98.2					

Equipment		
Sound Level Meter:	SoundPro DL	
Calibrator:	QC-10	
Response Time:	Slow	
Weighting:	А	
Microphone Height:	5 feet	

Weather										
Temp. (degrees F):	55									
Wind (mph):	6									
Sky:	Clear									
Bar. Pressure:	30.14									
Humidity:	67%									



Kimley»Horn

Project Name: Fairview at Northgate

Project Number: 097089103
Scenario: Existing
Ldn/CNEL: CNEL

							Vehicl	e Mix	Distance from Centerline of Roadway				
		Median ADT Speed Alpha Medium				Medium	Heavy	CNEL at		Distance t	Distance to Contour		
# Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1 Admiral Callaghan Lane	Columbus Pkwy to Auto Club Dr	6	5	20,725	35	0	2.0%	1.0%	64.1	-	80	254	804
2 Admiral Callaghan Lane	Auto Club Dr to Plaza Dr	4	8	17,910	35	0	2.0%	1.0%	63.3	-	67	213	673
3 Admiral Callaghan Lane	Plaza Dr to Vallejo Corners	4	12	9,405	35	0	2.0%	1.0%	60.5	-	-	112	355
4 Admiral Callaghan Lane	Vallejo Corners to Target Driveway	4	12	11,400	35	0	2.0%	1.0%	61.3	-	-	136	431
5 Admiral Callaghan Lane	Target Driveway to Turner Parkway	4	12	11,520	35	0	2.0%	1.0%	61.4	-	-	138	435
6 Admiral Callaghan Lane	Turner Parkway to Rotary Way	2	2	16,680	35	0	2.0%	1.0%	62.9	-	61	194	613
7 Admiral Callaghan Lane	Rotary Way to I-80 Ramps	4	15	18,175	35	0	2.0%	1.0%	63.4	-	69	218	689
8 Plaza Drive	Admiral Callaghan Lane to Gateway Plaza	4	15	10,620	35	0	2.0%	1.0%	61.0	-	-	127	403
9 Plaza Drive	Gateway Plaza to Costco Driveway	4	15	7,070	35	0	2.0%	1.0%	59.3	-	-	85	268
10 Plaza Drive	Costco Driveway to Turner Parkway	4	15	10,280	35	0	2.0%	1.0%	60.9	-	-	123	390
11 Turner Parkway	Admiral Callaghan Lane to Plaza Drive	4	11	7,500	40	0	2.0%	1.0%	60.8	-	-	120	380
12 Redwood Parkway	West of Admiral Callaghan Lane	5	11	16,140	35	0	2.0%	1.0%	62.9	-	62	196	619
13 Redwood Parkway	East of Admiral Callaghan Lane	4	11	13,020	35	0	2.0%	1.0%	61.9	-	-	155	491

<sup>&</sup>lt;sup>1</sup> Distance is from the centerline of the roadway segment to the receptor location.

<sup>&</sup>quot;-" = contour is located within the roadway right-of-way.

Project Name: Fairview at Northgate

Project Number: 097089103

Scenario: Existing Plus Project

Ldn/CNEL: CNEL

							Vehic	le Mix	Distance from Centerline of Roadway				
			Median	ADT	Speed	Alpha	Medium	Heavy	CNEL at		Distance t	to Contour	
# Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1 Admiral Callaghan Lane	Columbus Pkwy to Auto Club Dr	6	5	20,267	35	0	2.0%	1.0%	64.0	-	79	248	786
2 Admiral Callaghan Lane	Auto Club Dr to Plaza Dr	4	8	17,457	35	0	2.0%	1.0%	63.2	-	66	207	656
3 Admiral Callaghan Lane	Plaza Dr to Vallejo Corners	4	12	13,095	35	0	2.0%	1.0%	61.9	-	-	156	495
4 Admiral Callaghan Lane	Vallejo Corners to Target Driveway	4	12	15,090	35	0	2.0%	1.0%	62.6	-	57	180	570
5 Admiral Callaghan Lane	Target Driveway to Turner Parkway	4	12	15,210	35	0	2.0%	1.0%	62.6	-	57	182	574
6 Admiral Callaghan Lane	Turner Parkway to Rotary Way	2	2	23,755	35	0	2.0%	1.0%	64.4	-	87	276	873
7 Admiral Callaghan Lane	Rotary Way to I-80 Ramps	4	15	28,945	35	0	2.0%	1.0%	65.4	-	110	347	1,098
8 Plaza Drive	Admiral Callaghan Lane to Gateway Plaza	4	15	9,790	35	0	2.0%	1.0%	60.7	-	=	117	371
9 Plaza Drive	Gateway Plaza to Costco Driveway	4	15	7,472	35	0	2.0%	1.0%	59.5	-	=	90	283
10 Plaza Drive	Costco Driveway to Turner Parkway	4	15	9,360	35	0	2.0%	1.0%	60.5	-	-	112	355
11 Turner Parkway	Admiral Callaghan Lane to Plaza Drive	4	11	7,360	40	0	2.0%	1.0%	60.7	-	-	118	373
12 Redwood Parkway	West of Admiral Callaghan Lane	5	11	17,240	35	0	2.0%	1.0%	63.2	-	66	209	662
13 Redwood Parkway	East of Admiral Callaghan Lane	4	11	14,120	35	0	2.0%	1.0%	62.3	-	53	168	533

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Project Name: Fairview at Northgate

Project Number: 097089103
Scenario: Opening Year

Ldn/CNEL: CNEL

							Vehic	le Mix	Distance from Centerline of Roadway				
			Median	ADT	Speed	Alpha	Medium	Heavy	CNEL at		Distance t	to Contour	
# Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1 Admiral Callaghan Lane	Columbus Pkwy to Auto Club Dr	6	5	21,550	35	0	2.0%	1.0%	64.2	-	84	264	836
2 Admiral Callaghan Lane	Auto Club Dr to Plaza Dr	4	8	18,550	35	0	2.0%	1.0%	63.4	-	70	220	697
3 Admiral Callaghan Lane	Plaza Dr to Vallejo Corners	4	12	9,915	35	0	2.0%	1.0%	60.7	-	-	118	374
4 Admiral Callaghan Lane	Vallejo Corners to Target Driveway	4	12	12,080	35	0	2.0%	1.0%	61.6	-	-	144	456
5 Admiral Callaghan Lane	Target Driveway to Turner Parkway	4	12	12,230	35	0	2.0%	1.0%	61.6	-	-	146	462
6 Admiral Callaghan Lane	Turner Parkway to Rotary Way	2	2	17,810	35	0	2.0%	1.0%	63.2	-	65	207	655
7 Admiral Callaghan Lane	Rotary Way to I-80 Ramps	4	15	19,735	35	0	2.0%	1.0%	63.7	-	75	237	748
8 Plaza Drive	Admiral Callaghan Lane to Gateway Plaza	4	15	10,700	35	0	2.0%	1.0%	61.1	-	-	128	406
9 Plaza Drive	Gateway Plaza to Costco Driveway	4	15	7,600	35	0	2.0%	1.0%	59.6	-	-	91	288
10 Plaza Drive	Costco Driveway to Turner Parkway	4	15	10,900	35	0	2.0%	1.0%	61.2	-	-	131	413
11 Turner Parkway	Admiral Callaghan Lane to Plaza Drive	4	11	7,980	40	0	2.0%	1.0%	61.1	-	-	128	404
12 Redwood Parkway	West of Admiral Callaghan Lane	5	11	17,280	35	0	2.0%	1.0%	63.2	-	66	210	663
13 Redwood Parkway	East of Admiral Callaghan Lane	4	11	13,770	35	0	2.0%	1.0%	62.2	-	52	164	519

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**Project Name:** Fairview at Northgate

Project Number: 097089103

Scenario: Opening Year Plus Project

Ldn/CNEL: CNEL

							Vehic	le Mix	Distance from Centerline of Roadway				
			Median	ADT	Speed	Alpha	ha Medium Heavy CN			IEL at Distance to Contour			
# Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1 Admiral Callaghan Lane	Columbus Pkwy to Auto Club Dr	6	5	21,092	35	0	2.0%	1.0%	64.1	-	82	259	818
2 Admiral Callaghan Lane	Auto Club Dr to Plaza Dr	4	8	18,097	35	0	2.0%	1.0%	63.3	-	68	215	680
3 Admiral Callaghan Lane	Plaza Dr to Vallejo Corners	4	12	13,605	35	0	2.0%	1.0%	62.1	-	51	162	514
4 Admiral Callaghan Lane	Vallejo Corners to Target Driveway	4	12	15,770	35	0	2.0%	1.0%	62.7	-	60	188	596
5 Admiral Callaghan Lane	Target Driveway to Turner Parkway	4	12	15,920	35	0	2.0%	1.0%	62.8	-	60	190	601
6 Admiral Callaghan Lane	Turner Parkway to Rotary Way	2	2	24,885	35	0	2.0%	1.0%	64.6	-	91	289	915
7 Admiral Callaghan Lane	Rotary Way to I-80 Ramps	4	15	30,505	35	0	2.0%	1.0%	65.6	-	116	366	1,157
8 Plaza Drive	Admiral Callaghan Lane to Gateway Plaza	4	15	10,375	35	0	2.0%	1.0%	60.9	-	-	124	393
9 Plaza Drive	Gateway Plaza to Costco Driveway	4	15	8,002	35	0	2.0%	1.0%	59.8	-	-	96	303
10 Plaza Drive	Costco Driveway to Turner Parkway	4	15	10,350	35	0	2.0%	1.0%	60.9	-	-	124	392
11 Turner Parkway	Admiral Callaghan Lane to Plaza Drive	4	11	7,840	40	0	2.0%	1.0%	61.0	-	-	126	397
12 Redwood Parkway	West of Admiral Callaghan Lane	5	11	18,380	35	0	2.0%	1.0%	63.5	-	71	223	705
13 Redwood Parkway	East of Admiral Callaghan Lane	4	11	14,870	35	0	2.0%	1.0%	62.5	-	56	177	561

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Project Name: Fairview at Northgate

Project Number: 097089103
Scenario: Horizon Year
Ldn/CNEL: CNEL

							Vehic	le Mix	Distance from Centerline of Roadway				
			Median ADT			Alpha	Medium	Heavy	CNEL at		Distance t	to Contour	
# Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1 Admiral Callaghan Lane	Columbus Pkwy to Auto Club Dr	6	5	25,400	35	0	2.0%	1.0%	64.9	-	98	311	985
2 Admiral Callaghan Lane	Auto Club Dr to Plaza Dr	4	8	22,000	35	0	2.0%	1.0%	64.2	-	83	261	827
3 Admiral Callaghan Lane	Plaza Dr to Vallejo Corners	4	12	11,550	35	0	2.0%	1.0%	61.4	-	-	138	436
4 Admiral Callaghan Lane	Vallejo Corners to Target Driveway	4	12	14,000	35	0	2.0%	1.0%	62.2	-	53	167	529
5 Admiral Callaghan Lane	Target Driveway to Turner Parkway	4	12	14,200	35	0	2.0%	1.0%	62.3	-	54	170	536
6 Admiral Callaghan Lane	Turner Parkway to Rotary Way	2	2	20,500	35	0	2.0%	1.0%	63.8	-	75	238	753
7 Admiral Callaghan Lane	Rotary Way to I-80 Ramps	4	15	22,400	35	0	2.0%	1.0%	64.3	-	85	269	849
8 Plaza Drive	Admiral Callaghan Lane to Gateway Plaza	4	15	12,400	35	0	2.0%	1.0%	61.7	-	-	149	470
9 Plaza Drive	Gateway Plaza to Costco Driveway	4	15	8,700	35	0	2.0%	1.0%	60.2	-	-	104	330
10 Plaza Drive	Costco Driveway to Turner Parkway	4	15	12,600	35	0	2.0%	1.0%	61.8	-	-	151	478
11 Turner Parkway	Admiral Callaghan Lane to Plaza Drive	4	11	9,300	40	0	2.0%	1.0%	61.7	-	-	149	471
12 Redwood Parkway	West of Admiral Callaghan Lane	5	11	20,000	35	0	2.0%	1.0%	63.9	-	77	243	767
13 Redwood Parkway	East of Admiral Callaghan Lane	4	11	16,000	35	0	2.0%	1.0%	62.8	-	60	191	604

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Project Name: Fairview at Northgate

Project Number: 097089103

Scenario: Horizon Year Plus Project

Ldn/CNEL: CNEL

							Vehic	le Mix	Distance from Centerline of Roadway				
			Median	ADT	Speed	Alpha	Medium	Heavy	CNEL at		Distance t	•	
# Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Trucks	Trucks	100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL
1 Admiral Callaghan Lane	Columbus Pkwy to Auto Club Dr	6	5	27,102	35	0	2.0%	1.0%	65.2	-	105	332	1,051
2 Admiral Callaghan Lane	Auto Club Dr to Plaza Dr	4	8	23,702	35	0	2.0%	1.0%	64.5	-	89	282	891
3 Admiral Callaghan Lane	Plaza Dr to Vallejo Corners	4	12	15,240	35	0	2.0%	1.0%	62.6	-	58	182	576
4 Admiral Callaghan Lane	Vallejo Corners to Target Driveway	4	12	17,690	35	0	2.0%	1.0%	63.2	-	67	211	668
5 Admiral Callaghan Lane	Target Driveway to Turner Parkway	4	12	17,890	35	0	2.0%	1.0%	63.3	-	68	214	676
6 Admiral Callaghan Lane	Turner Parkway to Rotary Way	2	2	28,935	35	0	2.0%	1.0%	65.3	34	106	336	1,064
7 Admiral Callaghan Lane	Rotary Way to I-80 Ramps	4	15	34,530	35	0	2.0%	1.0%	66.2	-	131	414	1,309
8 Plaza Drive	Admiral Callaghan Lane to Gateway Plaza	4	15	13,670	35	0	2.0%	1.0%	62.1	-	52	164	518
9 Plaza Drive	Gateway Plaza to Costco Driveway	4	15	10,512	35	0	2.0%	1.0%	61.0	-	-	126	399
10 Plaza Drive	Costco Driveway to Turner Parkway	4	15	14,490	35	0	2.0%	1.0%	62.4	-	55	174	549
11 Turner Parkway	Admiral Callaghan Lane to Plaza Drive	4	11	10,520	40	0	2.0%	1.0%	62.3	-	53	168	533
12 Redwood Parkway	West of Admiral Callaghan Lane	5	11	21,470	35	0	2.0%	1.0%	64.2	-	82	261	824
13 Redwood Parkway	East of Admiral Callaghan Lane	4	11	17,470	35	0	2.0%	1.0%	63.2	-	66	208	659

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