

Noise Measurement Field Data

Project:	SCS Dublin		Job Number:	097059316
Site No.:	1		Date:	4/13/2022
Analyst:	Sophie La Herran		Time:	11:08 AM
Location:	4650 Rimini Ct			
Noise Sources:	Trucks reversing			
Comments:				
Results (dBA):				
Measurement 1:	Leq:	Lmin:	Lmax:	Peak:
	49.7	42.3	65.4	86.6

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	53°
Wind (mph):	< 6
Sky:	Clear
Bar. Pressure:	30.27"
Humidity:	27%

Photo:



Noise Measurement Field Data

Project:	SCS Dublin		Job Number:	097059316
Site No.:	1		Date:	4/13/2022
Analyst:	Sophie La Herran		Time:	11:45 AM
Location:	5086 Osborne Cir			
Noise Sources:	Landscape activities			
Comments:				
Results (dBA):				
Measurement 1:	Leq:	Lmin:	Lmax:	Peak:
	53.4	36.2	73.7	100.5

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	53°
Wind (mph):	< 6
Sky:	Clear
Bar. Pressure:	30.27"
Humidity:	27%

Photo:



Noise Measurement Field Data

Project:	SCS Dublin		Job Number:	097059316
Site No.:	1		Date:	4/13/2022
Analyst:	Sophie La Herran		Time:	12:04 PM
Location:	4865 Swinford Ct			
Noise Sources:	Traffic on Central Parkway			
Comments:				
Results (dBA):				
Measurement 1:	Leq:	Lmin:	Lmax:	Peak:
	57.3	42.9	68.9	90.7

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	53°
Wind (mph):	< 6
Sky:	Clear
Bar. Pressure:	30.27"
Humidity:	27%

Photo:



Noise Measurement Field Data

Project:	SCS Dublin		Job Number:	097059316
Site No.:	1		Date:	4/13/2022
Analyst:	Sophie La Herran		Time:	10:40 AM
Location:	4093 Clarinbridge Cir			
Noise Sources:	Traffic on Dublin Blvd			
Comments:				
Results (dBA):				
Measurement 1:	Leq:	Lmin:	Lmax:	Peak:
	52.5	45.6	67.6	79.9

Equipment	
Sound Level Meter:	LD SoundExpert LxT
Calibrator:	CAL200
Response Time:	Slow
Weighting:	A
Microphone Height:	5 feet

Weather	
Temp. (degrees F):	53°
Wind (mph):	< 6
Sky:	Clear
Bar. Pressure:	30.27"
Humidity:	27%

Photo:





FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Scenario: Existing
Ldn/CNEL: CNEL

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

#	Roadway	Segment	Lanes	Width	Volume	(mph)	Factor	Vehicle Mix		Distance from Centerline of Roadway					Calc Dist	Day	Eve	Night
								Trucks	Trucks	100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL				
1	Hacienda Drive	Central Parkway to Dublin Boulevard	5	25	13,530	35	0	2.0%	1.0%	62.3	-	-	169	533	100	10,513	1,718	1,299
2	Hacienda Drive	Dublin Boulevard to I-580 WB Off Ramp	7	25	33,050	35	0	2.0%	1.0%	66.4	-	139	438	1,386	100	25,680	4,197	3,173
3	Hacienda Drive	I-580 WB Off Ramp to I-580 EB Off Ramp	6	0	37,540	35	0	2.0%	1.0%	66.6	-	144	456	1,443	100	29,169	4,768	3,604
4	Hacienda Drive	I-580 EB Off Ramp to Owens Drive	6	20	45,340	40	0	2.0%	1.0%	68.9	77	244	770	2,435	100	35,229	5,758	4,353
5	Tassajara Road	Fallon Road to Gleason Drive	4	20	25,250	45	0	2.0%	1.0%	67.3	-	170	536	1,696	100	19,619	3,207	2,424
6	Tassajara Road	Gleason Drive to Aviano Way	4	25	23,410	45	0	2.0%	1.0%	67.0	-	159	501	1,585	100	18,190	2,973	2,247
7	Tassajara Road	Aviano Way to Project Driveway	4	25	23,410	45	0	2.0%	1.0%	67.0	-	159	501	1,585	100	18,190	2,973	2,247
8	Tassajara Road	Project Driveway to Central Parkway	4	25	23,410	45	0	2.0%	1.0%	67.0	-	159	501	1,585	100	18,190	2,973	2,247
9	Tassajara Road	Central Parkway to Project Driveway (South Entry Level Townhomes)	5	25	27,290	45	0	2.0%	1.0%	67.8	-	189	598	1,891	100	21,204	3,466	2,620
10	Tassajara Road	Project Driveway (South Entry Level Townhomes) to Finnian Way	5	25	27,850	45	0	2.0%	1.0%	67.9	-	193	610	1,929	100	21,639	3,537	2,674
11	Tassajara Road	Finnian Way to Project Driveway (Affordable Housing)	6	25	27,100	45	0	2.0%	1.0%	67.9	-	193	611	1,931	100	21,057	3,442	2,602
12	Tassajara Road	Project Driveway (Affordable Housing) to Dublin Boulevard	6	25	27,100	45	0	2.0%	1.0%	67.9	-	193	611	1,931	100	21,057	3,442	2,602
13	Tassajara Road	Dublin Boulevard to Northside Drive	6	5	38,450	45	0	2.0%	1.0%	69.2	83	262	829	2,622	100	29,876	4,883	3,691
14	Tassajara Road	Northside Drive to I-580 WB Off-Ramp	5	5	39,360	45	0	2.0%	1.0%	69.2	83	263	833	2,633	100	30,583	4,999	3,779
15	Tassajara Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	48,660	45	0	2.0%	1.0%	70.1	102	322	1,017	3,217	100	37,809	6,180	4,671
16	Santa Rita Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	38,050	45	0	2.0%	1.0%	69.0	80	252	796	2,516	100	29,565	4,832	3,653
17	Brannigan Street	Gleason Drive to Aviano Way	2	0	3,250	25	0	2.0%	1.0%	53.4	-	-	-	70	100	2,525	413	312
18	Brannigan Street	Aviano Way to Central Parkway	2	0	3,700	25	0	2.0%	1.0%	54.0	-	-	-	80	100	2,875	470	355
19	Brannigan Street	Central Parkway to Finnian Way	2	0	2,200	25	0	2.0%	1.0%	51.8	-	-	-	47	100	1,709	279	211
20	Brannigan Street	Finnian Way to Project Driveway (South Family Homes)	2	0	3,140	25	0	2.0%	1.0%	53.3	-	-	-	68	100	2,440	399	301
21	Brannigan Street	Project Driveway (South Family Homes) to Dublin Boulevard	2	0	3,140	25	0	2.0%	1.0%	53.3	-	-	-	68	100	2,440	399	301
22	Brannigan Street	Dublin Boulevard to Project Driveway (Commercial)	2	0	2,040	25	0	2.0%	1.0%	51.4	-	-	-	44	100	1,585	259	196
23	Fallon Road	Tassajara Road to Gleason Drive	4	25	14,050	40	0	2.0%	1.0%	63.6	-	73	230	726	100	10,917	1,784	1,349
24	Fallon Road	Gleason Drive to Central Parkway	4	25	21,530	40	0	2.0%	1.0%	65.5	-	111	352	1,113	100	16,729	2,734	2,067
25	Fallon Road	Central Parkway to Dublin Boulevard	5	25	25,190	45	0	2.0%	1.0%	67.4	-	175	552	1,745	100	19,573	3,199	2,418
26	Fallon Road	Dublin Boulevard to I-580 WB Off Ramp	4	25	28,670	45	0	2.0%	1.0%	67.9	61	194	614	1,942	100	22,277	3,641	2,752
27	Fallon Road	I-580 WB Off Ramp to I-580 EB Off Ramp	4	0	24,540	45	0	2.0%	1.0%	67.1	51	161	509	1,609	100	19,068	3,117	2,356
28	Fallon Road	I-580 EB Off Ramp to W Jack London Boulevard	4	25	23,640	40	0	2.0%	1.0%	65.9	-	122	386	1,222	100	18,368	3,002	2,269
29	Gleason Drive	Tassajara Road to Project Driveway	2	25	9,410	40	0	2.0%	1.0%	61.7	-	47	149	471	100	7,312	1,195	903
30	Gleason Drive	Project Driveway to Brannigan Street	2	25	9,410	40	0	2.0%	1.0%	61.7	-	47	149	471	100	7,312	1,195	903
31	Gleason Drive	Brannigan Street to Grafton Street	4	15	7,170	40	0	2.0%	1.0%	60.6	-	-	115	365	100	5,571	911	688
32	Gleason Drive	Grafton Street to Fallon Road	4	15	6,960	40	0	2.0%	1.0%	60.5	-	-	112	354	100	5,408	884	668
33	Central Parkway	Hacienda Drive to Tassajara Road	2	25	7,110	35	0	2.0%	1.0%	59.2	-	-	84	265	100	5,524	903	683
34	Central Parkway	Tassajara Road to Project Driveway (North Side)	2	25	9,040	35	0	2.0%	1.0%	60.3	-	-	107	337	100	7,024	1,148	868
35	Central Parkway	Project Driveway (North Side) to Brannigan Street	2	25	9,040	35	0	2.0%	1.0%	60.3	-	-	107	337	100	7,024	1,148	868
36	Central Parkway	Brannigan Street to Montalcino Street/Chancery Lane	2	25	7,940	35	0	2.0%	1.0%	59.7	-	-	94	296	100	6,169	1,008	762
37	Central Parkway	Montalcino Street/Chancery Lane to Grafton Street	2	15	7,340	35	0	2.0%	1.0%	59.3	-	-	86	272	100	5,703	932	705
38	Central Parkway	Grafton Street to Fallon Road	2	15	6,670	35	0	2.0%	1.0%	58.9	-	-	78	247	100	5,183	847	640
39	Dublin Boulevard	Hacienda Drive to Tassajara Road	6	25	27,760	45	0	2.0%	1.0%	68.0	-	198	626	1,978	100	21,570	3,526	2,665
40	Dublin Boulevard	Tassajara Road to Project Driveway (South Family Homes)	5	25	24,740	45	0	2.0%	1.0%	67.3	-	171	542	1,714	100	19,223	3,142	2,375
41	Dublin Boulevard	Project Driveway (South Family Homes) to Brannigan Street	5	25	24,740	45	0	2.0%	1.0%	67.3	-	171	542	1,714	100	19,223	3,142	2,375
42	Dublin Boulevard	Brannigan Street to Grafton Street	6	25	21,530	45	0	2.0%	1.0%	66.9	-	153	485	1,534	100	16,729	2,734	2,067
43	Dublin Boulevard	Grafton Street to Keegan Street	6	25	19,610	45	0	2.0%	1.0%	66.5	-	140	442	1,397	100	15,237	2,490	1,883
44	Dublin Boulevard	Keegan Street to Lockhart Street	6	25	13,640	45	0	2.0%	1.0%	64.9	-	97	307	972	100	10,598	1,732	1,309
45	Dublin Boulevard	Lockhart Street to Fallon Road	6	25	14,570	45	0	2.0%	1.0%	65.2	-	104	328	1,038	100	11,321	1,850	1,399

¹ Distance is from the centerline of the roadway segment to the receptor location.

"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: SCS Property At Dublin
Project Number: 097059316
Scenario: Existing Plus Project
Ldn/CNEL: CNEL

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

#	Roadway	Segment	Lanes	Median Width	ADT Volume	Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway					Calc Dist	Day	Eve	Night
								Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL				
1	Hacienda Drive	Central Parkway to Dublin Boulevard	5	25	13,680	35	0	2.0%	1.0%	62.3	-	-	170	539	100	10,629	1,737	1,313
2	Hacienda Drive	Dublin Boulevard to I-580 WB Off Ramp	7	25	33,900	35	0	2.0%	1.0%	66.5	-	142	450	1,421	100	26,340	4,305	3,254
3	Hacienda Drive	I-580 WB Off Ramp to I-580 EB Off Ramp	6	0	38,220	35	0	2.0%	1.0%	66.7	-	147	465	1,469	100	29,697	4,854	3,669
4	Hacienda Drive	I-580 EB Off Ramp to Owens Drive	6	20	45,800	40	0	2.0%	1.0%	68.9	78	246	778	2,460	100	35,587	5,817	4,397
5	Tassajara Road	Fallon Road to Gleason Drive	4	20	25,510	45	0	2.0%	1.0%	67.3	54	171	542	1,714	100	19,821	3,240	2,449
6	Tassajara Road	Gleason Drive to Aviano Way	4	25	23,830	45	0	2.0%	1.0%	67.1	-	161	510	1,614	100	18,516	3,026	2,288
7	Tassajara Road	Aviano Way to Project Driveway	4	25	23,980	45	0	2.0%	1.0%	67.1	-	162	514	1,624	100	18,632	3,045	2,302
8	Tassajara Road	Project Driveway to Central Parkway	4	25	24,090	45	0	2.0%	1.0%	67.1	-	163	516	1,632	100	18,718	3,059	2,313
9	Tassajara Road	Central Parkway to Project Driveway (South Entry Level Townhomes)	5	25	28,440	45	0	2.0%	1.0%	67.9	-	197	623	1,970	100	22,098	3,612	2,730
10	Tassajara Road	Project Driveway (South Entry Level Townhomes) to Finnian Way	5	25	29,060	45	0	2.0%	1.0%	68.0	64	201	637	2,013	100	22,580	3,691	2,790
11	Tassajara Road	Finnian Way to Project Driveway (Affordable Housing)	6	25	29,960	45	0	2.0%	1.0%	68.3	-	213	675	2,135	100	23,279	3,805	2,876
12	Tassajara Road	Project Driveway (Affordable Housing) to Dublin Boulevard	6	25	29,980	45	0	2.0%	1.0%	68.3	-	214	676	2,136	100	23,294	3,807	2,878
13	Tassajara Road	Dublin Boulevard to Northside Drive	6	5	41,020	45	0	2.0%	1.0%	69.5	88	280	885	2,798	100	31,873	5,210	3,938
14	Tassajara Road	Northside Drive to I-580 WB Off-Ramp	5	5	42,670	45	0	2.0%	1.0%	69.6	90	285	903	2,854	100	33,155	5,419	4,096
15	Tassajara Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	50,810	45	0	2.0%	1.0%	70.3	106	336	1,062	3,360	100	39,479	6,453	4,878
16	Santa Rita Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	39,340	45	0	2.0%	1.0%	69.2	82	260	823	2,601	100	30,567	4,996	3,777
17	Brannigan Street	Gleason Drive to Aviano Way	2	0	3,490	25	0	2.0%	1.0%	53.8	-	-	-	75	100	2,712	443	335
18	Brannigan Street	Aviano Way to Central Parkway	2	0	4,230	25	0	2.0%	1.0%	54.6	-	-	-	91	100	3,287	537	406
19	Brannigan Street	Central Parkway to Finnian Way	2	0	2,950	25	0	2.0%	1.0%	53.0	-	-	-	64	100	2,292	375	283
20	Brannigan Street	Finnian Way to Project Driveway (South Family Homes)	2	0	4,280	25	0	2.0%	1.0%	54.6	-	-	-	92	100	3,326	544	411
21	Brannigan Street	Project Driveway (South Family Homes) to Dublin Boulevard	2	0	4,710	25	0	2.0%	1.0%	55.1	-	-	32	101	100	3,660	598	452
22	Brannigan Street	Dublin Boulevard to Project Driveway (Commercial)	2	0	3,980	25	0	2.0%	1.0%	54.3	-	-	-	86	100	3,092	505	382
23	Fallon Road	Tassajara Road to Gleason Drive	4	25	14,100	40	0	2.0%	1.0%	63.6	-	73	230	729	100	10,956	1,791	1,354
24	Fallon Road	Gleason Drive to Central Parkway	4	25	21,620	40	0	2.0%	1.0%	65.5	-	112	353	1,117	100	16,799	2,746	2,076
25	Fallon Road	Central Parkway to Dublin Boulevard	5	25	25,430	45	0	2.0%	1.0%	67.5	-	176	557	1,762	100	19,759	3,230	2,441
26	Fallon Road	Dublin Boulevard to I-580 WB Off Ramp	4	25	29,150	45	0	2.0%	1.0%	68.0	62	197	624	1,974	100	22,650	3,702	2,798
27	Fallon Road	I-580 WB Off Ramp to I-580 EB Off Ramp	4	0	24,890	45	0	2.0%	1.0%	67.1	52	163	516	1,632	100	19,340	3,161	2,389
28	Fallon Road	I-580 EB Off Ramp to W Jack London Boulevard	4	25	23,950	40	0	2.0%	1.0%	65.9	-	124	391	1,238	100	18,609	3,042	2,299
29	Gleason Drive	Tassajara Road to Project Driveway	2	25	9,530	40	0	2.0%	1.0%	61.8	-	48	151	477	100	7,405	1,210	915
30	Gleason Drive	Project Driveway to Brannigan Street	2	25	9,490	40	0	2.0%	1.0%	61.8	-	48	150	475	100	7,374	1,205	911
31	Gleason Drive	Brannigan Street to Grafton Street	4	15	7,330	40	0	2.0%	1.0%	60.7	-	-	118	373	100	5,695	931	704
32	Gleason Drive	Grafton Street to Fallon Road	4	15	7,000	40	0	2.0%	1.0%	60.5	-	-	113	356	100	5,439	889	672
33	Central Parkway	Hacienda Drive to Tassajara Road	2	25	7,460	35	0	2.0%	1.0%	59.4	-	-	88	278	100	5,796	947	716
34	Central Parkway	Tassajara Road to Project Driveway (North Side)	2	25	9,500	35	0	2.0%	1.0%	60.5	-	-	112	354	100	7,382	1,207	912
35	Central Parkway	Project Driveway (North Side) to Brannigan Street	2	25	9,270	35	0	2.0%	1.0%	60.4	-	-	109	346	100	7,203	1,177	890
36	Central Parkway	Brannigan Street to Montalcino Street/Chancery Lane	2	25	8,380	35	0	2.0%	1.0%	60.0	-	-	99	313	100	6,511	1,064	804
37	Central Parkway	Montalcino Street/Chancery Lane to Grafton Street	2	15	7,780	35	0	2.0%	1.0%	59.6	-	-	91	288	100	6,045	988	747
38	Central Parkway	Grafton Street to Fallon Road	2	15	6,930	35	0	2.0%	1.0%	59.1	-	-	81	256	100	5,385	880	665
39	Dublin Boulevard	Hacienda Drive to Tassajara Road	6	25	29,070	45	0	2.0%	1.0%	68.2	-	207	655	2,072	100	22,587	3,692	2,791
40	Dublin Boulevard	Tassajara Road to Project Driveway (South Family Homes)	5	25	26,470	45	0	2.0%	1.0%	67.6	-	183	580	1,834	100	20,567	3,362	2,541
41	Dublin Boulevard	Project Driveway (South Family Homes) to Brannigan Street	5	25	26,200	45	0	2.0%	1.0%	67.6	-	182	574	1,815	100	20,357	3,327	2,515
42	Dublin Boulevard	Brannigan Street to Grafton Street	6	25	22,370	45	0	2.0%	1.0%	67.0	-	159	504	1,594	100	17,381	2,841	2,148
43	Dublin Boulevard	Grafton Street to Keegan Street	6	25	20,410	45	0	2.0%	1.0%	66.6	-	145	460	1,454	100	15,859	2,592	1,959
44	Dublin Boulevard	Keegan Street to Lockhart Street	6	25	14,250	45	0	2.0%	1.0%	65.1	-	102	321	1,015	100	11,072	1,810	1,368
45	Dublin Boulevard	Lockhart Street to Fallon Road	6	25	15,160	45	0	2.0%	1.0%	65.3	-	108	342	1,080	100	11,779	1,925	1,455

¹ Distance is from the centerline of the roadway segment to the receptor location.

"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: SCS Property At Dublin
Project Number: 097059316
Scenario: Opening Year
Ldn/CNEL: CNEL

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

#	Roadway	Segment	Lanes	Median Width	ADT Volume	Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway					Calc Dist	Day	Eve	Night
								Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL				
1	Hacienda Drive	Central Parkway to Dublin Boulevard	5	25	14,200	35	0	2.0%	1.0%	62.5	-	-	177	559	100	11,033	1,803	1,363
2	Hacienda Drive	Dublin Boulevard to I-580 WB Off Ramp	7	25	38,760	35	0	2.0%	1.0%	67.1	-	163	514	1,625	100	30,117	4,923	3,721
3	Hacienda Drive	I-580 WB Off Ramp to I-580 EB Off Ramp	6	0	42,020	35	0	2.0%	1.0%	67.1	-	162	511	1,615	100	32,650	5,337	4,034
4	Hacienda Drive	I-580 EB Off Ramp to Owens Drive	6	20	47,040	40	0	2.0%	1.0%	69.0	80	253	799	2,526	100	36,550	5,974	4,516
5	Tassajara Road	Fallon Road to Gleason Drive	4	20	29,390	45	0	2.0%	1.0%	68.0	62	197	624	1,975	100	22,836	3,733	2,821
6	Tassajara Road	Gleason Drive to Aviano Way	4	25	27,120	45	0	2.0%	1.0%	67.6	58	184	581	1,837	100	21,072	3,444	2,604
7	Tassajara Road	Aviano Way to Project Driveway	4	25	27,120	45	0	2.0%	1.0%	67.6	58	184	581	1,837	100	21,072	3,444	2,604
8	Tassajara Road	Project Driveway to Central Parkway	4	25	27,120	45	0	2.0%	1.0%	67.6	58	184	581	1,837	100	21,072	3,444	2,604
9	Tassajara Road	Central Parkway to Project Driveway (South Entry Level Townhomes)	5	25	29,390	45	0	2.0%	1.0%	68.1	64	204	644	2,036	100	22,836	3,733	2,821
10	Tassajara Road	Project Driveway (South Entry Level Townhomes) to Finnian Way	5	25	29,960	45	0	2.0%	1.0%	68.2	66	208	656	2,076	100	23,279	3,805	2,876
11	Tassajara Road	Finnian Way to Project Driveway (Affordable Housing)	6	25	29,290	45	0	2.0%	1.0%	68.2	-	209	660	2,087	100	22,758	3,720	2,812
12	Tassajara Road	Project Driveway (Affordable Housing) to Dublin Boulevard	6	25	29,290	45	0	2.0%	1.0%	68.2	-	209	660	2,087	100	22,758	3,720	2,812
13	Tassajara Road	Dublin Boulevard to Northside Drive	6	5	45,660	45	0	2.0%	1.0%	69.9	98	311	985	3,114	100	35,478	5,799	4,383
14	Tassajara Road	Northside Drive to I-580 WB Off-Ramp	5	5	46,600	45	0	2.0%	1.0%	69.9	99	312	986	3,117	100	36,208	5,918	4,474
15	Tassajara Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	53,860	45	0	2.0%	1.0%	70.5	113	356	1,126	3,561	100	41,849	6,840	5,171
16	Santa Rita Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	39,910	45	0	2.0%	1.0%	69.2	83	264	834	2,639	100	31,010	5,069	3,831
17	Brannigan Street	Gleason Drive to Aviano Way	2	0	4,040	25	0	2.0%	1.0%	54.4	-	-	-	87	100	3,139	513	388
18	Brannigan Street	Aviano Way to Central Parkway	2	0	4,510	25	0	2.0%	1.0%	54.9	-	-	-	97	100	3,504	573	433
19	Brannigan Street	Central Parkway to Finnian Way	2	0	2,740	25	0	2.0%	1.0%	52.7	-	-	-	59	100	2,129	348	263
20	Brannigan Street	Finnian Way to Project Driveway (South Family Homes)	2	0	3,720	25	0	2.0%	1.0%	54.0	-	-	-	80	100	2,890	472	357
21	Brannigan Street	Project Driveway (South Family Homes) to Dublin Boulevard	2	0	3,720	25	0	2.0%	1.0%	54.0	-	-	-	80	100	2,890	472	357
22	Brannigan Street	Dublin Boulevard to Project Driveway (Commercial)	2	0	2,100	25	0	2.0%	1.0%	51.6	-	-	-	45	100	1,632	267	202
23	Fallon Road	Tassajara Road to Gleason Drive	4	25	16,010	40	0	2.0%	1.0%	64.2	-	83	262	827	100	12,440	2,033	1,537
24	Fallon Road	Gleason Drive to Central Parkway	4	25	27,160	40	0	2.0%	1.0%	66.5	-	140	444	1,404	100	21,103	3,449	2,607
25	Fallon Road	Central Parkway to Dublin Boulevard	5	25	29,280	45	0	2.0%	1.0%	68.1	64	203	641	2,029	100	22,751	3,719	2,811
26	Fallon Road	Dublin Boulevard to I-580 WB Off Ramp	4	25	33,760	45	0	2.0%	1.0%	68.6	72	229	723	2,286	100	26,232	4,288	3,241
27	Fallon Road	I-580 WB Off Ramp to I-580 EB Off Ramp	4	0	27,800	45	0	2.0%	1.0%	67.6	58	182	576	1,823	100	21,601	3,531	2,669
28	Fallon Road	I-580 EB Off Ramp to W Jack London Boulevard	4	25	27,410	40	0	2.0%	1.0%	66.5	-	142	448	1,417	100	21,298	3,481	2,631
29	Gleason Drive	Tassajara Road to Project Driveway	2	25	10,120	40	0	2.0%	1.0%	62.0	-	51	160	507	100	7,863	1,285	972
30	Gleason Drive	Project Driveway to Brannigan Street	2	25	10,120	40	0	2.0%	1.0%	62.0	-	51	160	507	100	7,863	1,285	972
31	Gleason Drive	Brannigan Street to Grafton Street	4	15	7,780	40	0	2.0%	1.0%	61.0	-	-	125	396	100	6,045	988	747
32	Gleason Drive	Grafton Street to Fallon Road	4	15	7,220	40	0	2.0%	1.0%	60.7	-	-	116	368	100	5,610	917	693
33	Central Parkway	Hacienda Drive to Tassajara Road	2	25	9,990	35	0	2.0%	1.0%	60.7	-	-	118	373	100	7,762	1,269	959
34	Central Parkway	Tassajara Road to Project Driveway (North Side)	2	25	12,900	35	0	2.0%	1.0%	61.8	-	48	152	481	100	10,023	1,638	1,238
35	Central Parkway	Project Driveway (North Side) to Brannigan Street	2	25	12,900	35	0	2.0%	1.0%	61.8	-	48	152	481	100	10,023	1,638	1,238
36	Central Parkway	Brannigan Street to Montalcino Street/Chancery Lane	2	25	12,240	35	0	2.0%	1.0%	61.6	-	46	144	457	100	9,510	1,554	1,175
37	Central Parkway	Montalcino Street/Chancery Lane to Grafton Street	2	15	13,480	35	0	2.0%	1.0%	62.0	-	50	158	499	100	10,474	1,712	1,294
38	Central Parkway	Grafton Street to Fallon Road	2	15	14,150	35	0	2.0%	1.0%	62.2	-	52	166	524	100	10,995	1,797	1,358
39	Dublin Boulevard	Hacienda Drive to Tassajara Road	6	25	51,040	45	0	2.0%	1.0%	70.6	115	364	1,150	3,637	100	39,658	6,482	4,900
40	Dublin Boulevard	Tassajara Road to Project Driveway (South Family Homes)	5	25	53,320	45	0	2.0%	1.0%	70.7	117	369	1,168	3,694	100	41,430	6,772	5,119
41	Dublin Boulevard	Project Driveway (South Family Homes) to Brannigan Street	5	25	53,320	45	0	2.0%	1.0%	70.7	117	369	1,168	3,694	100	41,430	6,772	5,119
42	Dublin Boulevard	Brannigan Street to Grafton Street	6	25	49,970	45	0	2.0%	1.0%	70.5	113	356	1,126	3,561	100	38,827	6,346	4,797
43	Dublin Boulevard	Grafton Street to Keegan Street	6	25	49,350	45	0	2.0%	1.0%	70.5	111	352	1,112	3,517	100	38,345	6,267	4,738
44	Dublin Boulevard	Keegan Street to Lockhart Street	6	25	43,120	45	0	2.0%	1.0%	69.9	97	307	972	3,073	100	33,504	5,476	4,140
45	Dublin Boulevard	Lockhart Street to Fallon Road	6	25	43,900	45	0	2.0%	1.0%	70.0	99	313	989	3,128	100	34,110	5,575	4,214
46	Dublin Boulevard	East of Fallon Road	6	25	29,730	45	0	2.0%	1.0%	68.3	-	212	670	2,119	100	23,100	3,776	2,854

¹ Distance is from the centerline of the roadway segment to the receptor location.

"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: SCS Property At Dublin
Project Number: 097059316
Scenario: Opening Year Plus Project
Ldn/CNEL: CNEL

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

#	Roadway	Segment	Lanes	Median Width	ADT Volume	Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway Distance to Contour					Calc Dist	Day	Eve	Night
								Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL				
1	Hacienda Drive	Central Parkway to Dublin Boulevard	5	25	14,350	35	0	2.0%	1.0%	62.5	-	-	179	565	100	11,150	1,822	1,378
2	Hacienda Drive	Dublin Boulevard to I-580 WB Off Ramp	7	25	39,560	35	0	2.0%	1.0%	67.2	-	166	525	1,659	100	30,738	5,024	3,798
3	Hacienda Drive	I-580 WB Off Ramp to I-580 EB Off Ramp	6	0	42,700	35	0	2.0%	1.0%	67.2	-	164	519	1,641	100	33,178	5,423	4,099
4	Hacienda Drive	I-580 EB Off Ramp to Owens Drive	6	20	47,500	40	0	2.0%	1.0%	69.1	81	255	807	2,551	100	36,908	6,033	4,560
5	Tassajara Road	Fallon Road to Gleason Drive	4	20	29,650	45	0	2.0%	1.0%	68.0	63	199	630	1,992	100	23,038	3,766	2,846
6	Tassajara Road	Gleason Drive to Aviano Way	4	25	27,540	45	0	2.0%	1.0%	67.7	59	187	590	1,865	100	21,399	3,498	2,644
7	Tassajara Road	Aviano Way to Project Driveway	4	25	27,690	45	0	2.0%	1.0%	67.7	59	188	593	1,875	100	21,515	3,517	2,658
8	Tassajara Road	Project Driveway to Central Parkway	4	25	27,800	45	0	2.0%	1.0%	67.7	60	188	595	1,883	100	21,601	3,531	2,669
9	Tassajara Road	Central Parkway to Project Driveway (South Entry Level Townhomes)	5	25	30,540	45	0	2.0%	1.0%	68.3	67	212	669	2,116	100	23,730	3,879	2,932
10	Tassajara Road	Project Driveway (South Entry Level Townhomes) to Finnian Way	5	25	31,170	45	0	2.0%	1.0%	68.3	68	216	683	2,160	100	24,219	3,959	2,992
11	Tassajara Road	Finnian Way to Project Driveway (Affordable Housing)	6	25	32,150	45	0	2.0%	1.0%	68.6	72	229	724	2,291	100	24,981	4,083	3,086
12	Tassajara Road	Project Driveway (Affordable Housing) to Dublin Boulevard	6	25	32,170	45	0	2.0%	1.0%	68.6	72	229	725	2,292	100	24,996	4,086	3,088
13	Tassajara Road	Dublin Boulevard to Northside Drive	6	5	48,290	45	0	2.0%	1.0%	70.2	104	329	1,042	3,294	100	37,521	6,133	4,636
14	Tassajara Road	Northside Drive to I-580 WB Off-Ramp	5	5	49,850	45	0	2.0%	1.0%	70.2	105	333	1,054	3,335	100	38,733	6,331	4,786
15	Tassajara Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	56,010	45	0	2.0%	1.0%	70.7	117	370	1,171	3,703	100	43,520	7,113	5,377
16	Santa Rita Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	41,200	45	0	2.0%	1.0%	69.4	86	272	861	2,724	100	32,012	5,232	3,955
17	Brannigan Street	Gleason Drive to Aviano Way	2	0	4,280	25	0	2.0%	1.0%	54.6	-	-	-	92	100	3,326	544	411
18	Brannigan Street	Aviano Way to Central Parkway	2	0	5,040	25	0	2.0%	1.0%	55.4	-	-	34	109	100	3,916	640	484
19	Brannigan Street	Central Parkway to Finnian Way	2	0	3,460	25	0	2.0%	1.0%	53.7	-	-	-	74	100	2,688	439	332
20	Brannigan Street	Finnian Way to Project Driveway (South Family Homes)	2	0	4,860	25	0	2.0%	1.0%	55.2	-	-	33	105	100	3,776	617	467
21	Brannigan Street	Project Driveway (South Family Homes) to Dublin Boulevard	2	0	5,290	25	0	2.0%	1.0%	55.6	-	-	36	114	100	4,110	672	508
22	Brannigan Street	Dublin Boulevard to Project Driveway (Commercial)	2	0	4,040	25	0	2.0%	1.0%	54.4	-	-	-	87	100	3,139	513	388
23	Fallon Road	Tassajara Road to Gleason Drive	4	25	16,060	40	0	2.0%	1.0%	64.2	-	83	262	830	100	12,479	2,040	1,542
24	Fallon Road	Gleason Drive to Central Parkway	4	25	27,250	40	0	2.0%	1.0%	66.5	-	141	445	1,408	100	21,173	3,461	2,616
25	Fallon Road	Central Parkway to Dublin Boulevard	5	25	29,520	45	0	2.0%	1.0%	68.1	65	205	647	2,045	100	22,937	3,749	2,834
26	Fallon Road	Dublin Boulevard to I-580 WB Off Ramp	4	25	34,240	45	0	2.0%	1.0%	68.7	73	232	733	2,319	100	26,604	4,348	3,287
27	Fallon Road	I-580 WB Off Ramp to I-580 EB Off Ramp	4	0	28,170	45	0	2.0%	1.0%	67.7	58	185	584	1,847	100	21,888	3,578	2,704
28	Fallon Road	I-580 EB Off Ramp to W Jack London Boulevard	4	25	27,720	40	0	2.0%	1.0%	66.6	-	143	453	1,433	100	21,538	3,520	2,661
29	Gleason Drive	Tassajara Road to Project Driveway	2	25	10,240	40	0	2.0%	1.0%	62.1	-	51	162	513	100	7,956	1,300	983
30	Gleason Drive	Project Driveway to Brannigan Street	2	25	10,200	40	0	2.0%	1.0%	62.1	-	51	162	511	100	7,925	1,295	979
31	Gleason Drive	Brannigan Street to Grafton Street	4	15	7,940	40	0	2.0%	1.0%	61.1	-	-	128	404	100	6,169	1,008	762
32	Gleason Drive	Grafton Street to Fallon Road	4	15	7,260	40	0	2.0%	1.0%	60.7	-	-	117	370	100	5,641	922	697
33	Central Parkway	Hacienda Drive to Tassajara Road	2	25	10,370	35	0	2.0%	1.0%	60.9	-	-	122	387	100	8,057	1,317	996
34	Central Parkway	Tassajara Road to Project Driveway (North Side)	2	25	13,360	35	0	2.0%	1.0%	62.0	-	50	158	498	100	10,381	1,697	1,283
35	Central Parkway	Project Driveway (North Side) to Brannigan Street	2	25	13,130	35	0	2.0%	1.0%	61.9	-	49	155	490	100	10,202	1,668	1,260
36	Central Parkway	Brannigan Street to Montalcino Street/Chancery Lane	2	25	12,680	35	0	2.0%	1.0%	61.7	-	47	150	473	100	9,852	1,610	1,217
37	Central Parkway	Montalcino Street/Chancery Lane to Grafton Street	2	15	13,920	35	0	2.0%	1.0%	62.1	-	52	163	515	100	10,816	1,768	1,336
38	Central Parkway	Grafton Street to Fallon Road	2	15	14,580	35	0	2.0%	1.0%	62.3	-	54	171	540	100	11,329	1,852	1,400
39	Dublin Boulevard	Hacienda Drive to Tassajara Road	6	25	52,350	45	0	2.0%	1.0%	70.7	118	373	1,180	3,730	100	40,676	6,648	5,026
40	Dublin Boulevard	Tassajara Road to Project Driveway (South Family Homes)	5	25	55,050	45	0	2.0%	1.0%	70.8	121	381	1,206	3,814	100	42,774	6,991	5,285
41	Dublin Boulevard	Project Driveway (South Family Homes) to Brannigan Street	5	25	54,780	45	0	2.0%	1.0%	70.8	120	380	1,200	3,795	100	42,564	6,957	5,259
42	Dublin Boulevard	Brannigan Street to Grafton Street	6	25	50,810	45	0	2.0%	1.0%	70.6	114	362	1,145	3,621	100	39,479	6,453	4,878
43	Dublin Boulevard	Grafton Street to Keegan Street	6	25	50,150	45	0	2.0%	1.0%	70.5	113	357	1,130	3,574	100	38,967	6,369	4,814
44	Dublin Boulevard	Keegan Street to Lockhart Street	6	25	43,730	45	0	2.0%	1.0%	69.9	99	312	985	3,116	100	33,978	5,554	4,198
45	Dublin Boulevard	Lockhart Street to Fallon Road	6	25	44,490	45	0	2.0%	1.0%	70.0	100	317	1,003	3,170	100	34,569	5,650	4,271
46	Dublin Boulevard	East of Fallon Road	6	25	29,930	45	0	2.0%	1.0%	68.3	-	213	674	2,133	100	23,256	3,801	2,873

¹ Distance is from the centerline of the roadway segment to the receptor location.

"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: SCS Property At Dublin
Project Number: 097059316
Scenario: Horizon Year
Ldn/CNEL: CNEL

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

#	Roadway	Segment	Lanes	Median Width	ADT Volume	Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway					Calc Dist	Day	Eve	Night
								Medium Trucks	Heavy Trucks	CNEL at 100 Feet	Distance to Contour							
											70 CNEL	65 CNEL	60 CNEL	55 CNEL				
1	Hacienda Drive	Central Parkway to Dublin Boulevard	5	25	18,860	35	0	2.0%	1.0%	63.7	-	74	235	743	100	14,654	2,395	1,811
2	Hacienda Drive	Dublin Boulevard to I-580 WB Off Ramp	7	25	44,850	35	0	2.0%	1.0%	67.7	-	188	595	1,881	100	34,848	5,696	4,306
3	Hacienda Drive	I-580 WB Off Ramp to I-580 EB Off Ramp	6	0	44,260	35	0	2.0%	1.0%	67.3	-	170	538	1,701	100	34,390	5,621	4,249
4	Hacienda Drive	I-580 EB Off Ramp to Owens Drive	6	20	50,490	40	0	2.0%	1.0%	69.3	86	271	858	2,712	100	39,231	6,412	4,847
5	Tassajara Road	Fallon Road to Gleason Drive	4	20	32,940	45	0	2.0%	1.0%	68.5	70	221	700	2,213	100	25,594	4,183	3,162
6	Tassajara Road	Gleason Drive to Aviano Way	4	25	25,680	45	0	2.0%	1.0%	67.4	-	174	550	1,739	100	19,953	3,261	2,465
7	Tassajara Road	Aviano Way to Project Driveway	4	25	25,680	45	0	2.0%	1.0%	67.4	-	174	550	1,739	100	19,953	3,261	2,465
8	Tassajara Road	Project Driveway to Central Parkway	4	25	25,680	45	0	2.0%	1.0%	67.4	-	174	550	1,739	100	19,953	3,261	2,465
9	Tassajara Road	Central Parkway to Project Driveway (South Entry Level Townhomes)	5	25	26,750	45	0	2.0%	1.0%	67.7	-	185	586	1,853	100	20,785	3,397	2,568
10	Tassajara Road	Project Driveway (South Entry Level Townhomes) to Finnian Way	5	25	26,750	45	0	2.0%	1.0%	67.7	-	185	586	1,853	100	20,785	3,397	2,568
11	Tassajara Road	Finnian Way to Project Driveway (Affordable Housing)	6	25	27,750	45	0	2.0%	1.0%	68.0	-	198	625	1,977	100	21,562	3,524	2,664
12	Tassajara Road	Project Driveway (Affordable Housing) to Dublin Boulevard	6	25	27,750	45	0	2.0%	1.0%	68.0	-	198	625	1,977	100	21,562	3,524	2,664
13	Tassajara Road	Dublin Boulevard to Northside Drive	6	5	47,770	45	0	2.0%	1.0%	70.1	103	326	1,030	3,258	100	37,117	6,067	4,586
14	Tassajara Road	Northside Drive to I-580 WB Off-Ramp	5	5	54,030	45	0	2.0%	1.0%	70.6	114	361	1,143	3,614	100	41,981	6,862	5,187
15	Tassajara Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	60,190	45	0	2.0%	1.0%	71.0	126	398	1,258	3,980	100	46,768	7,644	5,778
16	Santa Rita Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	39,070	45	0	2.0%	1.0%	69.1	82	258	817	2,583	100	30,357	4,962	3,751
17	Brannigan Street	Gleason Drive to Aviano Way	2	0	4,400	25	0	2.0%	1.0%	54.8	-	-	-	95	100	3,419	559	422
18	Brannigan Street	Aviano Way to Central Parkway	2	0	6,020	25	0	2.0%	1.0%	56.1	-	-	41	130	100	4,678	765	578
19	Brannigan Street	Central Parkway to Finnian Way	2	0	3,940	25	0	2.0%	1.0%	54.3	-	-	-	85	100	3,061	500	378
20	Brannigan Street	Finnian Way to Project Driveway (South Family Homes)	2	0	4,840	25	0	2.0%	1.0%	55.2	-	-	33	104	100	3,761	615	465
21	Brannigan Street	Project Driveway (South Family Homes) to Dublin Boulevard	2	0	4,840	25	0	2.0%	1.0%	55.2	-	-	33	104	100	3,761	615	465
22	Brannigan Street	Dublin Boulevard to Project Driveway (Commercial)	2	0	5,070	25	0	2.0%	1.0%	55.4	-	-	35	109	100	3,939	644	487
23	Fallon Road	Tassajara Road to Gleason Drive	4	25	18,990	40	0	2.0%	1.0%	64.9	-	98	310	981	100	14,755	2,412	1,823
24	Fallon Road	Gleason Drive to Central Parkway	4	25	29,890	40	0	2.0%	1.0%	66.9	-	154	489	1,545	100	23,225	3,796	2,869
25	Fallon Road	Central Parkway to Dublin Boulevard	5	25	29,630	45	0	2.0%	1.0%	68.1	65	205	649	2,053	100	23,023	3,763	2,844
26	Fallon Road	Dublin Boulevard to I-580 WB Off Ramp	4	25	40,790	45	0	2.0%	1.0%	69.4	87	276	874	2,763	100	31,694	5,180	3,916
27	Fallon Road	I-580 WB Off Ramp to I-580 EB Off Ramp	4	0	38,000	45	0	2.0%	1.0%	69.0	79	249	788	2,492	100	29,526	4,826	3,648
28	Fallon Road	I-580 EB Off Ramp to W Jack London Boulevard	4	25	39,580	40	0	2.0%	1.0%	68.1	65	205	647	2,046	100	30,754	5,027	3,800
29	Gleason Drive	Tassajara Road to Project Driveway	2	25	14,730	40	0	2.0%	1.0%	63.7	-	74	233	738	100	11,445	1,871	1,414
30	Gleason Drive	Project Driveway to Brannigan Street	2	25	14,730	40	0	2.0%	1.0%	63.7	-	74	233	738	100	11,445	1,871	1,414
31	Gleason Drive	Brannigan Street to Grafton Street	4	15	11,030	40	0	2.0%	1.0%	62.5	-	56	178	561	100	8,570	1,401	1,059
32	Gleason Drive	Grafton Street to Fallon Road	4	15	8,910	40	0	2.0%	1.0%	61.6	-	-	143	454	100	6,923	1,132	855
33	Central Parkway	Hacienda Drive to Tassajara Road	2	25	17,240	35	0	2.0%	1.0%	63.1	-	64	203	643	100	13,395	2,189	1,655
34	Central Parkway	Tassajara Road to Project Driveway (North Side)	2	25	17,080	35	0	2.0%	1.0%	63.0	-	64	202	637	100	13,271	2,169	1,640
35	Central Parkway	Project Driveway (North Side) to Brannigan Street	2	25	17,220	35	0	2.0%	1.0%	63.1	-	64	203	642	100	13,380	2,187	1,653
36	Central Parkway	Brannigan Street to Montalcino Street/Chancery Lane	2	25	15,380	35	0	2.0%	1.0%	62.6	-	57	181	574	100	11,950	1,953	1,476
37	Central Parkway	Montalcino Street/Chancery Lane to Grafton Street	2	15	16,630	35	0	2.0%	1.0%	62.9	-	62	195	615	100	12,922	2,112	1,596
38	Central Parkway	Grafton Street to Fallon Road	2	15	17,340	35	0	2.0%	1.0%	63.1	-	64	203	642	100	13,473	2,202	1,665
39	Dublin Boulevard	Hacienda Drive to Tassajara Road	6	25	49,470	45	0	2.0%	1.0%	70.5	111	353	1,115	3,525	100	38,438	6,283	4,749
40	Dublin Boulevard	Tassajara Road to Project Driveway (South Family Homes)	5	25	57,100	45	0	2.0%	1.0%	71.0	125	396	1,251	3,956	100	44,367	7,252	5,482
41	Dublin Boulevard	Project Driveway (South Family Homes) to Brannigan Street	5	25	57,470	45	0	2.0%	1.0%	71.0	126	398	1,259	3,982	100	44,654	7,299	5,517
42	Dublin Boulevard	Brannigan Street to Grafton Street	6	25	54,540	45	0	2.0%	1.0%	70.9	123	389	1,229	3,887	100	42,378	6,927	5,236
43	Dublin Boulevard	Grafton Street to Keegan Street	6	25	52,260	45	0	2.0%	1.0%	70.7	118	372	1,178	3,724	100	40,606	6,637	5,017
44	Dublin Boulevard	Keegan Street to Lockhart Street	6	25	46,220	45	0	2.0%	1.0%	70.2	104	329	1,042	3,294	100	35,913	5,870	4,437
45	Dublin Boulevard	Lockhart Street to Fallon Road	6	25	48,880	45	0	2.0%	1.0%	70.4	110	348	1,101	3,483	100	37,980	6,208	4,692
46	Dublin Boulevard	East of Fallon Road	6	25	42,190	45	0	2.0%	1.0%	69.8	95	301	951	3,006	100	32,782	5,358	4,050

¹ Distance is from the centerline of the roadway segment to the receptor location.

"-" = contour is located within the roadway right-of-way.

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels

Project Name: SCS Property At Dublin
Project Number: 097059316
Scenario: Horizon Year Plus Project
Ldn/CNEL: CNEL

Assumed 24-Hour Traffic Distribution:

	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

#	Roadway	Segment	Median		ADT Volume	Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway					Calc Dist	Day	Eve	Night
			Lanes	Width				Medium Trucks	Heavy Trucks	CNEL at 100 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL				
1	Hacienda Drive	Central Parkway to Dublin Boulevard	5	25	18,600	35	0	2.0%	1.0%	63.6	-	73	232	733	100	14,452	2,362	1,786
2	Hacienda Drive	Dublin Boulevard to I-580 WB Off Ramp	7	25	44,440	35	0	2.0%	1.0%	67.7	-	186	589	1,863	100	34,530	5,644	4,266
3	Hacienda Drive	I-580 WB Off Ramp to I-580 EB Off Ramp	6	0	44,200	35	0	2.0%	1.0%	67.3	-	170	537	1,699	100	34,343	5,613	4,243
4	Hacienda Drive	I-580 EB Off Ramp to Owens Drive	6	20	50,530	40	0	2.0%	1.0%	69.3	86	271	858	2,714	100	39,262	6,417	4,851
5	Tassajara Road	Fallon Road to Gleason Drive	4	20	32,780	45	0	2.0%	1.0%	68.4	70	220	696	2,202	100	25,470	4,163	3,147
6	Tassajara Road	Gleason Drive to Aviano Way	4	25	25,390	45	0	2.0%	1.0%	67.4	-	172	544	1,720	100	19,728	3,225	2,437
7	Tassajara Road	Aviano Way to Project Driveway	4	25	25,540	45	0	2.0%	1.0%	67.4	-	173	547	1,730	100	19,845	3,244	2,452
8	Tassajara Road	Project Driveway to Central Parkway	4	25	25,650	45	0	2.0%	1.0%	67.4	-	174	549	1,737	100	19,930	3,258	2,462
9	Tassajara Road	Central Parkway to Project Driveway (South Entry Level Townhomes)	5	25	25,950	45	0	2.0%	1.0%	67.5	-	180	569	1,798	100	20,163	3,296	2,491
10	Tassajara Road	Project Driveway (South Entry Level Townhomes) to Finnian Way	5	25	26,010	45	0	2.0%	1.0%	67.6	-	180	570	1,802	100	20,210	3,303	2,497
11	Tassajara Road	Finnian Way to Project Driveway (Affordable Housing)	6	25	26,990	45	0	2.0%	1.0%	67.8	-	192	608	1,923	100	20,971	3,428	2,591
12	Tassajara Road	Project Driveway (Affordable Housing) to Dublin Boulevard	6	25	27,580	45	0	2.0%	1.0%	67.9	-	197	621	1,965	100	21,430	3,503	2,648
13	Tassajara Road	Dublin Boulevard to Northside Drive	6	5	48,230	45	0	2.0%	1.0%	70.2	104	329	1,040	3,290	100	37,475	6,125	4,630
14	Tassajara Road	Northside Drive to I-580 WB Off-Ramp	5	5	53,060	45	0	2.0%	1.0%	70.5	112	355	1,122	3,549	100	41,228	6,739	5,094
15	Tassajara Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	59,480	45	0	2.0%	1.0%	70.9	124	393	1,244	3,933	100	46,216	7,554	5,710
16	Santa Rita Road	I-580 WB Off-Ramp to Pimlico Drive	4	8	38,520	45	0	2.0%	1.0%	69.1	81	255	805	2,547	100	29,930	4,892	3,698
17	Brannigan Street	Gleason Drive to Aviano Way	2	0	4,370	25	0	2.0%	1.0%	54.7	-	-	-	94	100	3,395	555	420
18	Brannigan Street	Aviano Way to Central Parkway	2	0	5,220	25	0	2.0%	1.0%	55.5	-	-	36	112	100	4,056	663	501
19	Brannigan Street	Central Parkway to Finnian Way	2	0	4,090	25	0	2.0%	1.0%	54.4	-	-	-	88	100	3,178	519	393
20	Brannigan Street	Finnian Way to Project Driveway (South Family Homes)	2	0	5,430	25	0	2.0%	1.0%	55.7	-	-	37	117	100	4,219	690	521
21	Brannigan Street	Project Driveway (South Family Homes) to Dublin Boulevard	2	0	5,590	25	0	2.0%	1.0%	55.8	-	-	38	120	100	4,343	710	537
22	Brannigan Street	Dublin Boulevard to Project Driveway (Commercial)	2	0	4,340	25	0	2.0%	1.0%	54.7	-	-	-	93	100	3,372	551	417
23	Fallon Road	Tassajara Road to Gleason Drive	4	25	19,000	40	0	2.0%	1.0%	64.9	-	98	311	982	100	14,763	2,413	1,824
24	Fallon Road	Gleason Drive to Central Parkway	4	25	29,840	40	0	2.0%	1.0%	66.9	-	154	488	1,542	100	23,186	3,790	2,865
25	Fallon Road	Central Parkway to Dublin Boulevard	5	25	29,410	45	0	2.0%	1.0%	68.1	64	204	644	2,038	100	22,852	3,735	2,823
26	Fallon Road	Dublin Boulevard to I-580 WB Off Ramp	4	25	40,420	45	0	2.0%	1.0%	69.4	87	274	866	2,738	100	31,406	5,133	3,880
27	Fallon Road	I-580 WB Off Ramp to I-580 EB Off Ramp	4	0	38,050	45	0	2.0%	1.0%	69.0	79	249	789	2,495	100	29,565	4,832	3,653
28	Fallon Road	I-580 EB Off Ramp to W Jack London Boulevard	4	25	39,620	40	0	2.0%	1.0%	68.1	65	205	648	2,048	100	30,785	5,032	3,804
29	Gleason Drive	Tassajara Road to Project Driveway	2	25	14,500	40	0	2.0%	1.0%	63.6	-	73	230	726	100	11,267	1,842	1,392
30	Gleason Drive	Project Driveway to Brannigan Street	2	25	14,460	40	0	2.0%	1.0%	63.6	-	72	229	724	100	11,235	1,836	1,388
31	Gleason Drive	Brannigan Street to Grafton Street	4	15	11,000	40	0	2.0%	1.0%	62.5	-	56	177	560	100	8,547	1,397	1,056
32	Gleason Drive	Grafton Street to Fallon Road	4	15	8,870	40	0	2.0%	1.0%	61.5	-	-	143	452	100	6,892	1,126	852
33	Central Parkway	Hacienda Drive to Tassajara Road	2	25	17,010	35	0	2.0%	1.0%	63.0	-	63	201	635	100	13,217	2,160	1,633
34	Central Parkway	Tassajara Road to Project Driveway (North Side)	2	25	16,340	35	0	2.0%	1.0%	62.9	-	61	193	610	100	12,696	2,075	1,569
35	Central Parkway	Project Driveway (North Side) to Brannigan Street	2	25	16,120	35	0	2.0%	1.0%	62.8	-	60	190	601	100	12,525	2,047	1,548
36	Central Parkway	Brannigan Street to Montalcino Street/Chancery Lane	2	25	14,910	35	0	2.0%	1.0%	62.5	-	56	176	556	100	11,585	1,894	1,431
37	Central Parkway	Montalcino Street/Chancery Lane to Grafton Street	2	15	16,160	35	0	2.0%	1.0%	62.8	-	60	189	598	100	12,556	2,052	1,551
38	Central Parkway	Grafton Street to Fallon Road	2	15	16,880	35	0	2.0%	1.0%	63.0	-	62	198	625	100	13,116	2,144	1,620
39	Dublin Boulevard	Hacienda Drive to Tassajara Road	6	25	49,650	45	0	2.0%	1.0%	70.5	112	354	1,119	3,538	100	38,578	6,306	4,766
40	Dublin Boulevard	Tassajara Road to Project Driveway (South Family Homes)	5	25	57,450	45	0	2.0%	1.0%	71.0	126	398	1,259	3,980	100	44,639	7,296	5,515
41	Dublin Boulevard	Project Driveway (South Family Homes) to Brannigan Street	5	25	57,180	45	0	2.0%	1.0%	71.0	125	396	1,253	3,962	100	44,429	7,262	5,489
42	Dublin Boulevard	Brannigan Street to Grafton Street	6	25	53,700	45	0	2.0%	1.0%	70.8	121	383	1,210	3,827	100	41,725	6,820	5,155
43	Dublin Boulevard	Grafton Street to Keegan Street	6	25	51,820	45	0	2.0%	1.0%	70.7	117	369	1,168	3,693	100	40,264	6,581	4,975
44	Dublin Boulevard	Keegan Street to Lockhart Street	6	25	45,840	45	0	2.0%	1.0%	70.1	103	327	1,033	3,267	100	35,618	5,822	4,401
45	Dublin Boulevard	Lockhart Street to Fallon Road	6	25	48,510	45	0	2.0%	1.0%	70.4	109	346	1,093	3,457	100	37,692	6,161	4,657
46	Dublin Boulevard	East of Fallon Road	6	25	42,060	45	0	2.0%	1.0%	69.8	95	300	948	2,997	100	32,681	5,342	4,038

¹ Distance is from the centerline of the roadway segment to the receptor location.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 5/9/2022
Case Description: SCS Dublin_Building Construction/Paving

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)			Equipment	Receptor Distance (feet)	Estimated Shielding (dBA)
		Daytime	Evening	Night			
North	Residential	1	1	1			
Description	Impact Device	Usage(%)	Spec Lmax (dBA)		Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No		16		80.6	500	0
Generator	No		50		80.6	500	0
Paver	No		50		77.2	500	0
Paver	No		50		77.2	500	0
Pavement Scarafier	No		20		89.5	500	0
Pavement Scarafier	No		20		89.5	500	0
Roller	No		20		80	500	0
Roller	No		20		80	500	0
Tractor	No		40	84		500	0
Tractor	No		40	84		500	0
Tractor	No		40	84		500	0
Tractor	No		40	84		500	0
Welder / Torch	No		40		74	500	0
Compressor (air)	No		40		77.7	500	0
Paver	No		50		77.2	500	0
Paver	No		50		77.2	500	0
Pavement Scarafier	No		20		89.5	500	0
Pavement Scarafier	No		20		89.5	500	0
Roller	No		20		80	500	0
Roller	No		20		80	500	0

Results

Equipment	Calculated (dBA)			Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
				Day		Evening		Night		Day		Evening		Night	
	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Crane	60.6		52.6	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	60.6		57.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	57.2		54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	57.2		54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	69.5		62.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	69.5		62.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	60		53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	60		53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64		60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64		60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64		60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64		60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	54		50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	57.7		53.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	57.2		54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	57.2		54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	69.5		62.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	69.5		62.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	60		53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	60		53	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	69.5		71.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

		----- Receptor #2 -----		
Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
East	Commercial	1	1	1

Description	Impact Device	Usage(%)	Equipment		Receptor Distance (feet)	Estimated Shielding (dBA)
			Spec	Actual		
			Lmax (dBA)	Lmax (dBA)		
Crane	No	16		80.6	500	0
Generator	No	50		80.6	500	0
Paver	No	50		77.2	500	0
Paver	No	50		77.2	500	0
Pavement Scarafier	No	20		89.5	500	0
Pavement Scarafier	No	20		89.5	500	0
Roller	No	20		80	500	0
Roller	No	20		80	500	0
Tractor	No	40	84		500	0
Tractor	No	40	84		500	0
Tractor	No	40	84		500	0
Tractor	No	40	84		500	0
Welder / Torch	No	40		74	500	0
Compressor (air)	No	40		77.7	500	0
Paver	No	50		77.2	500	0
Paver	No	50		77.2	500	0
Pavement Scarafier	No	20		89.5	500	0
Pavement Scarafier	No	20		89.5	500	0
Roller	No	20		80	500	0
Roller	No	20		80	500	0

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Crane	60.6	52.6	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	60.6	57.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	57.2	54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	57.2	54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	69.5	62.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	69.5	62.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	60	53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	60	53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	54	50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	57.7	53.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	57.2	54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	57.2	54.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	69.5	62.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavement Scarafier	69.5	62.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	60	53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	60	53	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	69.5	71.5	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: 5/9/2022

Case Description: SCS Dublin - Demo/Site Prep/Grading/Infrastructure

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)				Equipment	Actual	Receptor	Estimated
		Daytime	Evening	Night					
		1	1	1	1				
North	Residential								
		Impact		Spec	Lmax	Lmax	Distance	Shielding	
Description		Device	Usage(%)	(dBA)	(dBA)	(dBA)	(feet)	(dBA)	
Concrete Saw		No	20			89.6	500		0
Excavator		No	40			80.7	500		0
Excavator		No	40			80.7	500		0
Dozer		No	40			81.7	500		0
Dozer		No	40			81.7	500		0
Dozer		No	40			81.7	500		0
Dozer		No	40			81.7	500		0
Tractor		No	40		84		500		0
Tractor		No	40		84		500		0
Excavator		No	40			80.7	500		0
Generator		No	50			80.6	500		0
Dozer		No	40			81.7	500		0
Scraper		No	40			83.6	500		0
Tractor		No	40		84		500		0
Crane		No	16			80.6	500		0
Generator		No	50			80.6	500		0
Tractor		No	40		84		500		0
Tractor		No	40		84		500		0
Welder / Torch		No	40			74	500		0
Tractor		No	40		84		500		0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day	Evening		Night	Leq	Leq
			Lmax	Leq	Lmax	Leq	Lmax	Leq		Lmax	Leq	Lmax	Leq	Leq
Concrete Saw	69.6	62.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	60.7	56.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	60.7	56.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	60.7	56.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	60.6	57.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	63.6	59.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	60.6	52.6	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	60.6	57.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	54	50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	69.6	71.6	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.

		----- Receptor #2 -----				
Description	Land Use	Baselines (dBA)				
		Daytime	Evening	Night		
East	Commercial	1	1	1		
Equipment						
Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	500	0
Excavator	No	40		80.7	500	0
Excavator	No	40		80.7	500	0
Dozer	No	40		81.7	500	0
Dozer	No	40		81.7	500	0
Dozer	No	40		81.7	500	0
Dozer	No	40		81.7	500	0
Tractor	No	40	84		500	0
Tractor	No	40	84		500	0
Excavator	No	40		80.7	500	0
Generator	No	50		80.6	500	0
Dozer	No	40		81.7	500	0
Scraper	No	40		83.6	500	0
Tractor	No	40	84		500	0
Crane	No	16		80.6	500	0
Generator	No	50		80.6	500	0
Tractor	No	40	84		500	0
Tractor	No	40	84		500	0
Welder / Torch	No	40		74	500	0
Tractor	No	40	84		500	0

Results														
Calculated (dBA)			Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
Equipment	*Lmax	Leq	Day		Evening		Night		Day	Evening		Night		Leq
			Lmax	Leq	Lmax	Leq	Lmax	Leq		Lmax	Leq	Lmax	Leq	
Concrete Saw	69.6	62.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	60.7	56.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	60.7	56.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	60.7	56.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	60.6	57.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	63.6	59.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	60.6	52.6	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	60.6	57.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	54	50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	64	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	69.6	71.6	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.