

Appendices

Appendix 5.7-1 Noise Modeling Information

Appendices

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Noise Modeling and Calculation Sheets- Fiesta Island Concept Plan

Noise Levels During Construction

Reference Levels: Construction Noise at 50 Feet (dBA Leq) ¹		
Construction Phase	Distance: Receptor to center of activity	Average Level (dBA Leq) ²
BBN Aggregate Noise Level	50	88
Dredging (Excavator)		77
Construction Noise at Tecolote Shores North Park		
Construction Phase	Distance: Receptor to center of activity	Average Level (dBA Leq) ²
BBN Aggregate Noise Level	750	64
Dredging Noise at Tecolote Shores North Park		
Construction Phase	Distance: Receptor to center of activity	Average Level (dBA Leq) ²
Dredging (Excavator)	200	65
Construction Noise at other offsite shoreline receptors		
Construction Phase	Distance: Receptor to center of activity	Average Level (dBA Leq) ²
BBN Aggregate Noise Level	1000	62

1 Calculations based on Bolt, Beranek & Newman, 1971. Reference level of 88 dBA Leq to be used for residential construction; 89 dBA Leq for all other types.

2 Average daily noise level including all equipment in use simultaneously considering utilization factors.

Traffic Noise Calculations

Fiesta Island EXISTING NO PROJECT (weekend)
CONDITIONS NOISE CONTOURS RESULT SUMMARY TABLE

#	ROADWAY	SEGMENT	DAILY TRAFFIC VOLUMES	Distance to Reciever	Noise Level (dBA)			DISTANCE TO NOISE CONTOUR (FT.)		
					Leq	Ldn	CNEL	70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Sea World Drive	Mission Bay Pkwy to Friars Rd	36,178	50	70.3	73.2	73.8	90	194	417
2	Sea World Drive	Friars Rd to E. Mission Bay Drive	32,573	50	69.9	72.7	73.4	84	181	389
3	Sea World Drive	E. Mission Bay Drive to I-5 Ramps	37,188	50	70.4	73.3	73.9	92	197	425
4	E. Mission Bay Drive	Sea World Dr to Fiesta Island Rd	11,521	50	65.2	68.0	68.7	41	88	189
5	Friars Road	east of Sea World Dr	10,985	50	65.1	68.0	68.6	41	87	188
6	Fiesta Island Road	Inbound / Westbound	3,818	50	56.1	59.0	59.6	10	22	47
7	Fiesta Island Road	Outbound / Eastbound	3,621	50	55.9	58.8	59.4	10	21	46

Fiesta Island EXISTING Freeway Noise
CONDITIONS NOISE CONTOURS RESULT SUMMARY TABLE

#	ROADWAY	SEGMENT	DAILY TRAFFIC VOLUMES	Distance to Reciever	Noise Level (dBA)			DISTANCE TO NOISE CONTOUR (FT.)		
					Leq	Ldn	CNEL	70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	I-5	Mission Bay Dr / Sea World Dr	232,823	50	83.1	86.0	86.6	640	1379	2971
2	I-5	Nearest point in planning area	232,823	1,100	63.0	65.8	66.5	640	1379	2971
3	I-5	Furthest point in planning area	232,823	5,000	53.1	56.0	56.6	640	1379	2971

Fiesta Island EXISTING PLUS OPTION A (weekend)
CONDITIONS NOISE CONTOURS RESULT SUMMARY TABLE

#	ROADWAY	SEGMENT	DAILY TRAFFIC VOLUMES	Distance to Reciever	Noise Level (dBA)			DISTANCE TO NOISE CONTOUR (FT.)		
					Leq	Ldn	CNEL	70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Sea World Drive	Mission Bay Pkwy to Friars Rd	36,330	50	70.3	73.2	73.8	90	194	418
2	Sea World Drive	Friars Rd to E. Mission Bay Drive	32,877	50	69.9	72.8	73.4	84	182	391
3	Sea World Drive	E. Mission Bay Drive to I-5 Ramps	37,441	50	70.5	73.3	74.0	92	198	427
4	E. Mission Bay Drive	Sea World Dr to Fiesta Island Rd	12,281	50	65.4	68.3	68.9	43	92	197
5	Friars Road	east of Sea World Dr	11,137	50	65.2	68.1	68.7	41	88	190
6	Fiesta Island Road	Inbound / Westbound	4,325	50	56.7	59.5	60.2	11	24	51
7	Fiesta Island Road	Outbound / Eastbound	4,128	50	56.5	59.3	60.0	11	23	50

Fiesta Island EXISTING PLUS OPTION B (weekend)
CONDITIONS NOISE CONTOURS RESULT SUMMARY TABLE

#	ROADWAY	SEGMENT	DAILY TRAFFIC VOLUMES	Distance to Reciever	Noise Level (dBA)			DISTANCE TO NOISE CONTOUR (FT.)		
					Leq	Ldn	CNEL	70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Sea World Drive	Mission Bay Pkwy to Friars Rd	36,268	50	70.3	73.2	73.8	90	194	418
2	Sea World Drive	Friars Rd to E. Mission Bay Drive	32,754	50	69.9	72.8	73.4	84	181	390
3	Sea World Drive	E. Mission Bay Drive to I-5 Ramps	37,339	50	70.4	73.3	74.0	92	198	426
4	E. Mission Bay Drive	Sea World Dr to Fiesta Island Rd	11,973	50	65.3	68.2	68.8	42	90	194
5	Friars Road	east of Sea World Dr	11,075	50	65.2	68.1	68.7	41	88	190
6	Fiesta Island Road	Inbound / Westbound	4,119	50	56.4	59.3	60.0	11	23	50
7	Fiesta Island Road	Outbound / Eastbound	3,922	50	56.2	59.1	59.7	10	22	48

Fiesta Island

2050 BASELINE (weekend)
CONDITIONS NOISE CONTOURS RESULT SUMMARY TABLE

#	ROADWAY	SEGMENT	DAILY TRAFFIC VOLUMES	Distance to Receiver	Noise Level (dBA)			DISTANCE TO NOISE CONTOUR (FT.)		
					Leq	Ldn	CNEL	70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Sea World Drive	Mission Bay Pkwy to Friars Rd	53,502	50	72.0	74.9	75.5	117	251	542
2	Sea World Drive	Friars Rd to E. Mission Bay Drive	43,549	50	71.1	74.0	74.6	102	219	472
3	Sea World Drive	E. Mission Bay Drive to I-5 Ramps	39,481	50	70.7	73.6	74.2	95	205	442
4	E. Mission Bay Drive	Sea World Dr to Fiesta Island Rd	13,831	50	66.0	68.8	69.5	46	99	214
5	Friars Road	east of Sea World Dr	19,555	50	67.6	70.5	71.1	60	129	277
6	Fiesta Island Road	Inbound / Westbound	2,865	50	54.9	57.8	58.4	8	18	39
7	Fiesta Island Road	Outbound / Eastbound	2,469	50	54.2	57.1	57.7	8	16	35

Fiesta Island

2050 PLUS OPTION A (weekend)
CONDITIONS NOISE CONTOURS RESULT SUMMARY TABLE

#	ROADWAY	SEGMENT	DAILY TRAFFIC VOLUMES	Distance to Receiver	Noise Level (dBA)			DISTANCE TO NOISE CONTOUR (FT.)		
					Leq	Ldn	CNEL	70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Sea World Drive	Mission Bay Pkwy to Friars Rd	53,634	50	72.0	74.9	75.5	117	252	543
2	Sea World Drive	Friars Rd to E. Mission Bay Drive	43,853	50	71.1	74.0	74.7	102	220	474
3	Sea World Drive	E. Mission Bay Drive to I-5 Ramps	39,735	50	70.7	73.6	74.2	96	206	444
4	E. Mission Bay Drive	Sea World Dr to Fiesta Island Rd	14,591	50	66.2	69.1	69.7	48	103	222
5	Friars Road	east of Sea World Dr	19,707	50	67.7	70.6	71.2	60	129	278
6	Fiesta Island Road	Inbound / Westbound	4,835	50	57.1	60.0	60.7	12	26	55
7	Fiesta Island Road	Outbound / Eastbound	4,611	50	56.9	59.8	60.4	12	25	54

Fiesta Island

2050 PLUS OPTION B (weekend)
CONDITIONS NOISE CONTOURS RESULT SUMMARY TABLE

#	ROADWAY	SEGMENT	DAILY TRAFFIC VOLUMES	Distance to Receiver	Noise Level (dBA)			DISTANCE TO NOISE CONTOUR (FT.)		
					Leq	Ldn	CNEL	70 dBA CNEL	65 dBA CNEL	60 dBA CNEL
1	Sea World Drive	Mission Bay Pkwy to Friars Rd	53,592	50	72.0	74.9	75.5	117	252	542
2	Sea World Drive	Friars Rd to E. Mission Bay Drive	43,730	50	71.1	74.0	74.6	102	220	473
3	Sea World Drive	E. Mission Bay Drive to I-5 Ramps	39,632	50	70.7	73.6	74.2	96	206	443
4	E. Mission Bay Drive	Sea World Dr to Fiesta Island Rd	14,283	50	66.1	69.0	69.6	47	101	218
5	Friars Road	east of Sea World Dr	19,645	50	67.7	70.5	71.2	60	129	278
6	Fiesta Island Road	Inbound / Westbound	4,629	50	56.9	59.8	60.5	12	25	54
7	Fiesta Island Road	Outbound / Eastbound	4,406	50	56.7	59.6	60.2	11	24	52

2015 TRAFFIC VOLUMES
ON THE CALIFORNIA STATE HIGHWAY SYSTEM

STATE OF CALIFORNIA
THE TRANSPORTATION AGENCY
DEPARTMENT OF TRANSPORTATION

DIVISION OF TRAFFIC OPERATIONS

Sacramento, CA 95814

916-654-4578

Prepared in Cooperation with the
U.S. DEPARTMENT OF TRANSPORTATION
Federal Highway Administration

PREFACE

Traffic Trend

A comparison of the 2015 over 2014 annual traffic volume data shows that state highway travel increased in 2015. This year's increase in vehicle miles of travel on California highways compares with prior years as follows:

*2015 over 2014.....	+ 2.64%
*2014 over 2013.....	+ 5.17%
*2013 over 2012.....	+ 0.61%
*2012 over 2011.....	- 0.31%
*2011 over 2010.....	- 0.09%

Traffic Profile

This booklet lists 2015 traffic volumes for all count locations on the California state highway system. Peak hours, peak month ADTs and annual ADTs are shown at each count location. Significant volume changes (breakpoints) in the traffic profile along each route are counted and identified by name and milepost value. In addition to the profile breakpoints, the booklet lists county lines and landmarks to aid in orientation.

The numbers shown in this booklet apply to the highway immediately back and ahead of the locations. Therefore, between any two successive breakpoints along the route it may be assumed that traffic volumes will vary from one breakpoint to the next at a reasonably uniform rate of increase or decrease. Where only a single set of figures appears between two breakpoints, a constant volume of traffic may be assumed for the intervening section of highway.

All traffic volume figures listed in this booklet include traffic in both directions unless otherwise indicated.

Route Number

All California state highways are listed in this booklet in order of Legislative Route number.

Milepost

Each profile breakpoint is identified by the milepost value corresponding to that point on the highway. The milepost values increase from the beginning of a route within a county to the next county line. The milepost values start over again at each county line. Milepost values usually increase from South to North or West to East depending upon the general direction the route follows within the state.

The milepost at a given location will remain the same year after year. When a section of road is relocated, new mileposts (usually noted by an alphabetical prefix such as "R" or "M") are established for it.

* Based on the Traffic Data Branch's Estimated Monthly Vehicle Miles of Travel Report.

2017 Projection (based on 2015 AADT) = $221,000 * 1.0264^2 = 232,823 = 2017 \text{ AADT}$

2015 Traffic Volumes on California State Highways

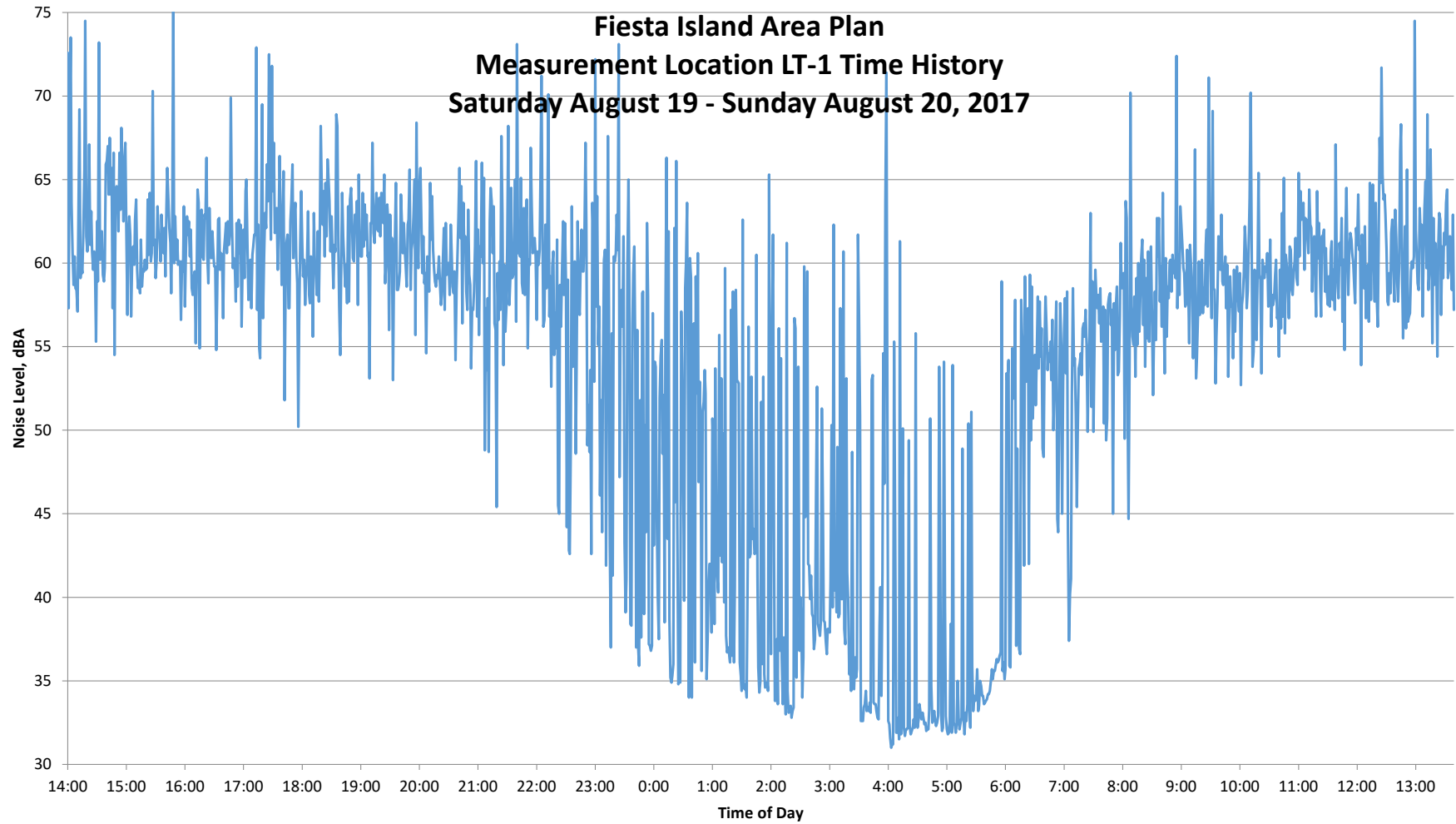
Dist	Route	County	Postmile	Description	Back Peak Hour	Back Peak Month	Back AADT	Ahead Peak Hour	Ahead Peak Month	Ahead AADT
11	005	SD	R 16.311	SAN DIEGO, SIXTH AVENUE	16600	230000	213000	16600	230000	213000
11	005	SD	R 16.589	SAN DIEGO, FIRST AVENUE	16600	230000	213000	12800	181000	169000
11	005	SD	R 16.912	SAN DIEGO, HAWTHORN STREET	12800	181000	169000	15800	220000	201000
11	005	SD	R 17.25	SAN DIEGO, INDIA/SASSAFRAS STREETS	15800	220000	201000	15400	212000	195000
11	005	SD	R 17.53	PACIFIC HIGHWAY VIADUCT	15400	212000	195000	12400	171000	157000
11	005	SD	R 17.77	SAN DIEGO, SASSAFRAS STREET	12400	171000	157000	12300	163000	153000
11	005	SD	R 18.283	SAN DIEGO, WASHINGTON STREET	12300	163000	153000	16200	217000	202000
11	005	SD	R 19.033	SAN DIEGO, OLD TOWN AVENUE	16200	217000	202000	16100	232000	203000
11	005	SD	R 20.056	JCT. RTE. 8/CAMINO DEL RIO	16100	232000	203000	16300	220000	205000
11	005	SD	R 20.818	SAN DIEGO, MISSION BAY DRIVE/SEA WORLD DRIVE	16300	220000	205000	17600	234000	221000
11	005	SD	R 22.262	CLAIREMONT DRIVE	17600	234000	221000	16900	209000	204000
11	005	SD	R 22.872	SAN DIEGO, DE ANZA ROAD	16900	209000	204000	13600	167000	162000
11	005	SD	R 23.476	SAN DIEGO, BALBOA AVENUE	13600	167000	162000	12500	152000	146000
11	005	SD	R 23.93	SAN DIEGO, MISSION BAY DRIVE	12500	152000	146000	16600	210000	205000
11	005	SD	R 25.947	JCT. RTE. 52 EAST	16600	210000	205000	14100	196000	191000
11	005	SD	R 26.79	SAN DIEGO, GILMAN DRIVE	14100	196000	191000	12900	180000	172000
11	005	SD	R 28.159	SAN DIEGO, NOBEL DRIVE	12900	180000	172000	11300	159000	151000
11	005	SD	R 28.428	SAN DIEGO, LA JOLLA DRIVE	11300	159000	151000	11900	166000	165000
11	005	SD	R 29.463	SAN DIEGO, GENESEE AVENUE	11900	166000	165000	12400	173000	172000
11	005	SD	R 30.426	R SAN DIEGO, SORRENTO VALLEY RD,BEGIN RIGHT ALIGN				6700	81000	75000
11	005	SD	R 30.682	R SAN DIEGO, NORTH JCT. RTE. 805	6700	81000	75000	6400	80000	75000
11	005	SD	R 31.188	R END RIGHT ALIGN	8100	114000	107000			
11	005	SD	R 30.345	L BEG LEFT ALIGN				6100	76000	70000
11	005	SD	R 30.682	L SAN DIEGO, NORTH JCT. RTE. 805	6100	76000	70000	8200	105000	99000
11	005	SD	R 31.155	L END LEFT ALIGN	8200	105000	99000			
11	005	SD	R 31.805	SAN DIEGO, CARMEL MOUNTAIN ROAD	15200	219000	206000	15200	219000	206000
11	005	SD	R 32.841	JCT. RTE. 56	15200	219000	206000	15200	219000	206000
11	005	SD	R 32.901	SAN DIEGO, CARMEL VALLEY ROAD	15200	219000	206000	16500	253000	250000
11	005	SD	R 34.134	SAN DIEGO, DEL MAR HEIGHTS ROAD	16500	253000	250000	16200	249000	248000
11	005	SD	R 36.266	VIA DE LA VALLE	16200	249000	248000	17000	240000	231000
11	005	SD	R 37.384	SOLANA BEACH, LOMAS SANTA FE DRIVE	17000	240000	231000	16200	245000	232000
11	005	SD	R 38.624	MANCHESTER AVENUE	16200	245000	232000	14300	217000	204000
11	005	SD	R 39.83	BIRMINGHAM DRIVE	14300	217000	204000	14300	217000	202000
11	005	SD	R 40.597	ENCINITAS, SANTA FE DRIVE	14300	217000	202000	15100	224000	211000
11	005	SD	R 41.509	ENCINITAS BOULEVARD	15100	224000	211000	15600	224000	212000
11	005	SD	R 42.712	LEUCADIA BOULEVARD	15600	224000	212000	15500	224000	209000
11	005	SD	R 44.071	LEUCADIA, LA COSTA AVENUE	15500	224000	209000	15200	219000	205000
11	005	SD	R 45.571	CARLSBAD, POINSETTIA LANE	15200	219000	205000	15100	217000	202000
11	005	SD	R 47.032	CARLSBAD, PALOMAR AIRPORT ROAD	15100	217000	202000	15000	215000	199000

Noise Measurement Summary

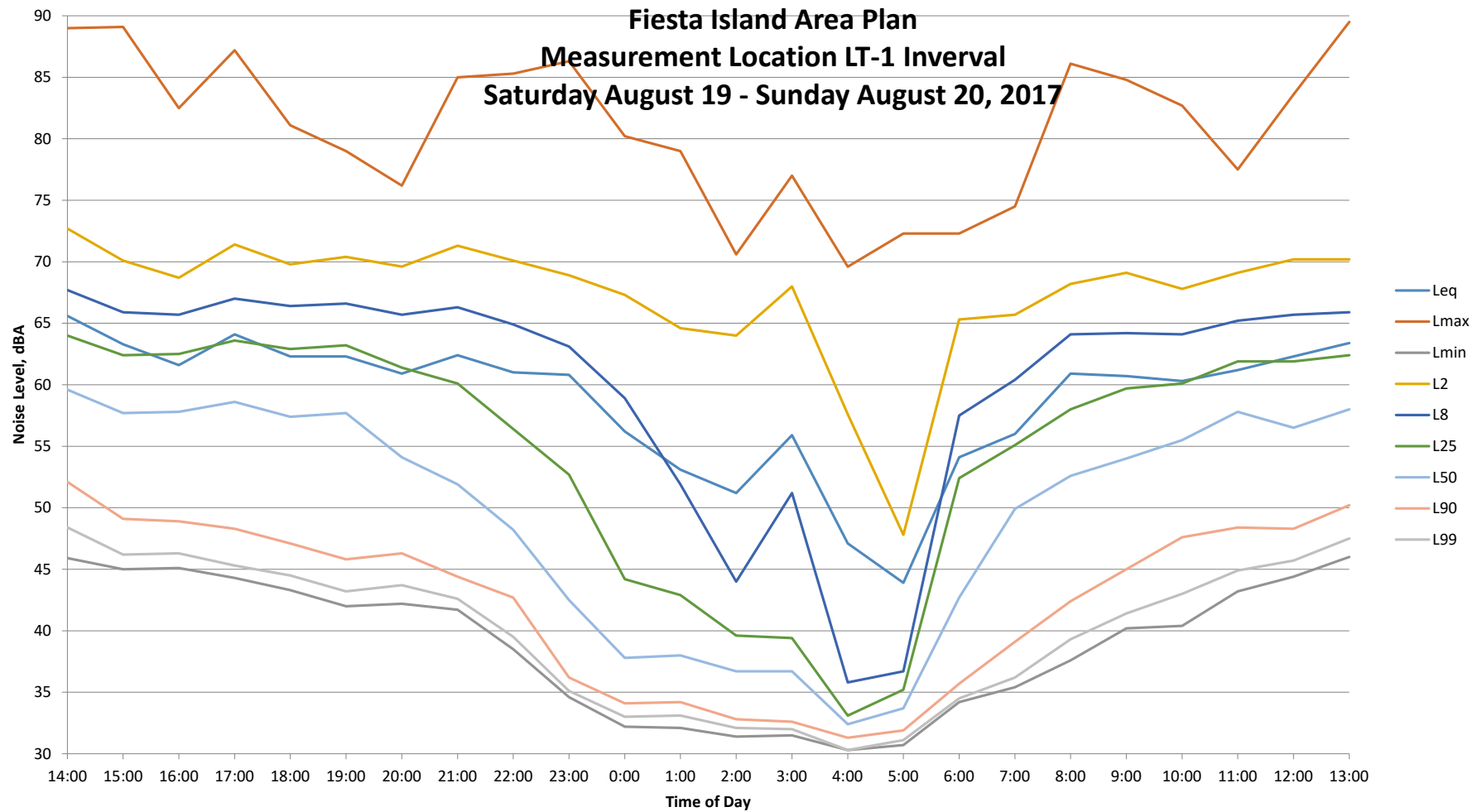
LT-1 Intervals

Date	Time	Duration	Leq	SEL	Lmax	Lmin	L(2)	L(8)	L(25)	L(50)	L(90)	L(99)
19-Aug-17	14:00:46	0:59:13	65.6	101.1	89.0	45.9	72.7	67.7	64.0	59.6	52.1	48.4
19-Aug-17	15:00:00	1:00:00	63.3	98.8	89.1	45.0	70.1	65.9	62.4	57.7	49.1	46.2
19-Aug-17	16:00:00	1:00:00	61.6	97.2	82.5	45.1	68.7	65.7	62.5	57.8	48.9	46.3
19-Aug-17	17:00:00	1:00:00	64.1	99.7	87.2	44.3	71.4	67.0	63.6	58.6	48.3	45.3
19-Aug-17	18:00:00	1:00:00	62.3	97.9	81.1	43.3	69.8	66.4	62.9	57.4	47.1	44.5
19-Aug-17	19:00:00	1:00:00	62.3	97.9	79.0	42.0	70.4	66.6	63.2	57.7	45.8	43.2
19-Aug-17	20:00:00	1:00:00	60.9	96.5	76.2	42.2	69.6	65.7	61.4	54.1	46.3	43.7
19-Aug-17	21:00:00	1:00:00	62.4	98.0	85.0	41.7	71.3	66.3	60.1	51.9	44.4	42.6
19-Aug-17	22:00:00	1:00:00	61.0	96.6	85.3	38.5	70.1	64.9	56.4	48.2	42.7	39.5
19-Aug-17	23:00:00	1:00:00	60.8	96.4	86.3	34.6	68.9	63.1	52.7	42.5	36.2	35.1
20-Aug-17	0:00:00	1:00:00	56.2	91.8	80.2	32.2	67.3	58.9	44.2	37.8	34.1	33.0
20-Aug-17	1:00:00	1:00:00	53.1	88.6	79.0	32.1	64.6	51.9	42.9	38.0	34.2	33.1
20-Aug-17	2:00:00	1:00:00	51.2	86.7	70.6	31.4	64.0	44.0	39.6	36.7	32.8	32.1
20-Aug-17	3:00:00	1:00:00	55.9	91.4	77.0	31.5	68.0	51.2	39.4	36.7	32.6	32.0
20-Aug-17	4:00:00	1:00:00	47.1	82.6	69.6	30.3	57.6	35.8	33.1	32.4	31.3	30.3
20-Aug-17	5:00:00	1:00:00	43.9	79.5	72.3	30.7	47.8	36.7	35.2	33.7	31.9	31.1
20-Aug-17	6:00:00	1:00:00	54.1	89.7	72.3	34.2	65.3	57.5	52.4	42.7	35.7	34.5
20-Aug-17	7:00:00	1:00:00	56.0	91.6	74.5	35.4	65.7	60.4	55.1	49.9	39.1	36.2
20-Aug-17	8:00:00	1:00:00	60.9	96.4	86.1	37.6	68.2	64.1	58.0	52.6	42.4	39.3
20-Aug-17	9:00:00	1:00:00	60.7	96.3	84.8	40.2	69.1	64.2	59.7	54.0	45.0	41.4
20-Aug-17	10:00:00	1:00:00	60.3	95.9	82.7	40.4	67.8	64.1	60.1	55.5	47.6	43.0
20-Aug-17	11:00:00	1:00:00	61.2	96.8	77.5	43.2	69.1	65.2	61.9	57.8	48.4	44.9
20-Aug-17	12:00:00	1:00:00	62.3	97.9	83.6	44.4	70.2	65.7	61.9	56.5	48.3	45.7
20-Aug-17	13:00:00	0:40:31	63.4	97.3	89.5	46.0	70.2	65.9	62.4	58.0	50.2	47.5

Fiesta Island Area Plan
Measurement Location LT-1 Time History
Saturday August 19 - Sunday August 20, 2017



Fiesta Island Area Plan
Measurement Location LT-1 Interval
Saturday August 19 - Sunday August 20, 2017



Fiesta Island Area Plan Noise Metrics Calculations (LT-1)

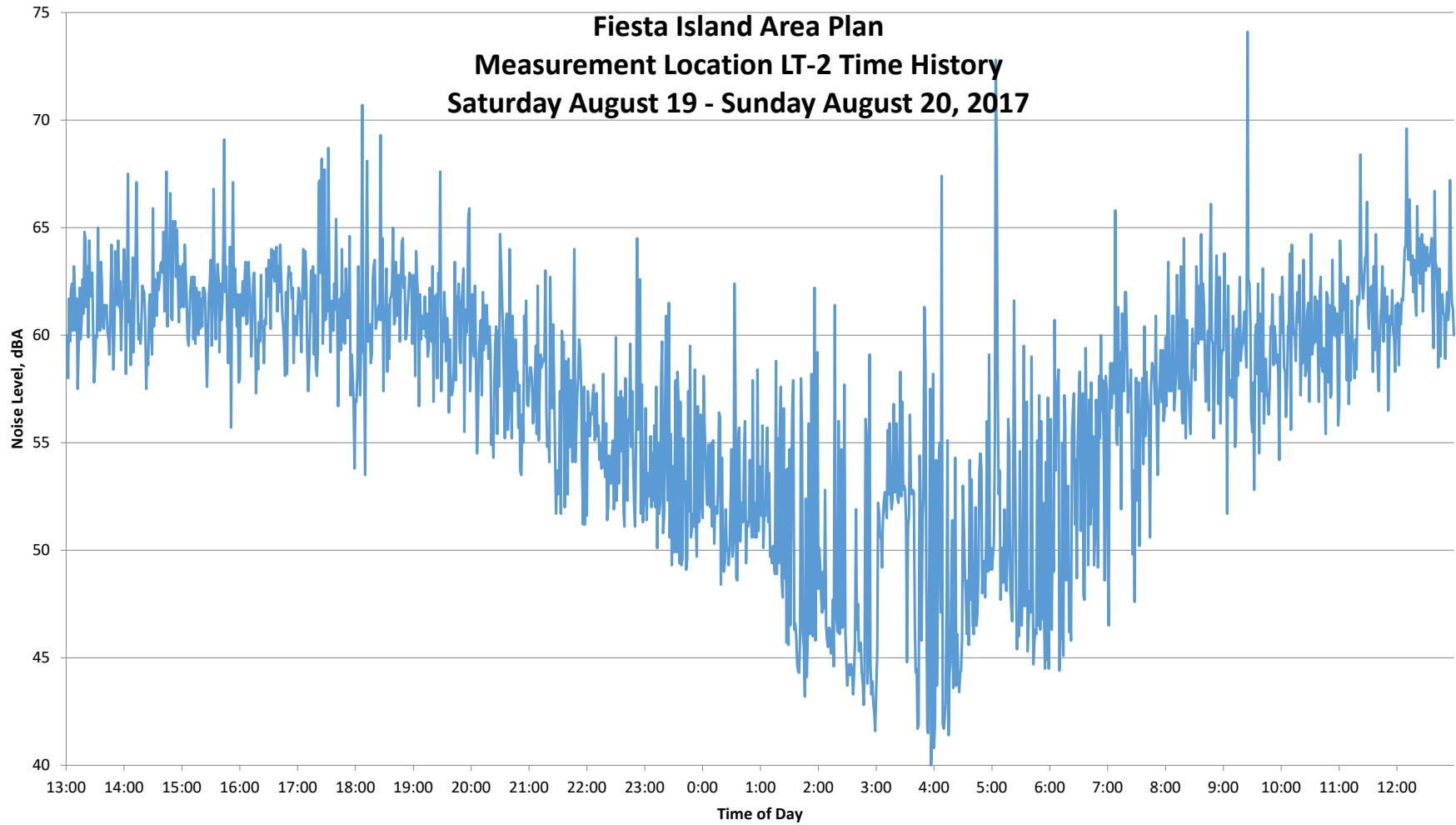
		24-hr				Ldn			CNEL
INPUT		INPUT	INPUT		CALCS		CALCS		
Time	D/E/N	Day 1, 1-h Leq	Day 2, 1-h Leq	AVG Lvl	Penalty	Adj'd SPL	Penalty	Adj'd SPL	
14:00:00	D	65.6	0	65.6	0	65.6	0	65.6	
15:00:00	D	63.3	0	63.3	0	63.3	0	63.3	
16:00:00	D	61.6	0	61.6	0	61.6	0	61.6	
17:00:00	D	64.1	0	64.1	0	64.1	0	64.1	
18:00:00	D	62.3	0	62.3	0	62.3	0	62.3	
19:00:00	E	62.3	0	62.3	0	62.3	5	67.3	
20:00:00	E	60.9	0	60.9	0	60.9	5	65.9	
21:00:00	E	62.4	0	62.4	0	62.4	5	67.4	
22:00:00	N	61	0	61.0	10	71.0	10	71.0	
23:00:00	N	60.8	0	60.8	10	70.8	10	70.8	
0:00:00	N	56.2	0	56.2	10	66.2	10	66.2	
1:00:00	N	53.1	0	53.1	10	63.1	10	63.1	
2:00:00	N	51.2	0	51.2	10	61.2	10	61.2	
3:00:00	N	55.9	0	55.9	10	65.9	10	65.9	
4:00:00	N	47.1	0	47.1	10	57.1	10	57.1	
5:00:00	N	43.9	0	43.9	10	53.9	10	53.9	
6:00:00	N	54.1	0	54.1	10	64.1	10	64.1	
7:00:00	D	56	0	56.0	0	56.0	0	56.0	
8:00:00	D	60.9	0	60.9	0	60.9	0	60.9	
9:00:00	D	60.7	0	60.7	0	60.7	0	60.7	
10:00:00	D	60.3	0	60.3	0	60.3	0	60.3	
11:00:00	D	61.2	0	61.2	0	61.2	0	61.2	
12:00:00	D	62.3	0	62.3	0	62.3	0	62.3	
13:00:00	D	63.4	0	63.4	0	63.4	0	63.4	

43.9		
24h Leq	Ldn	CNEL
60.8	64.3	64.9
65.6		

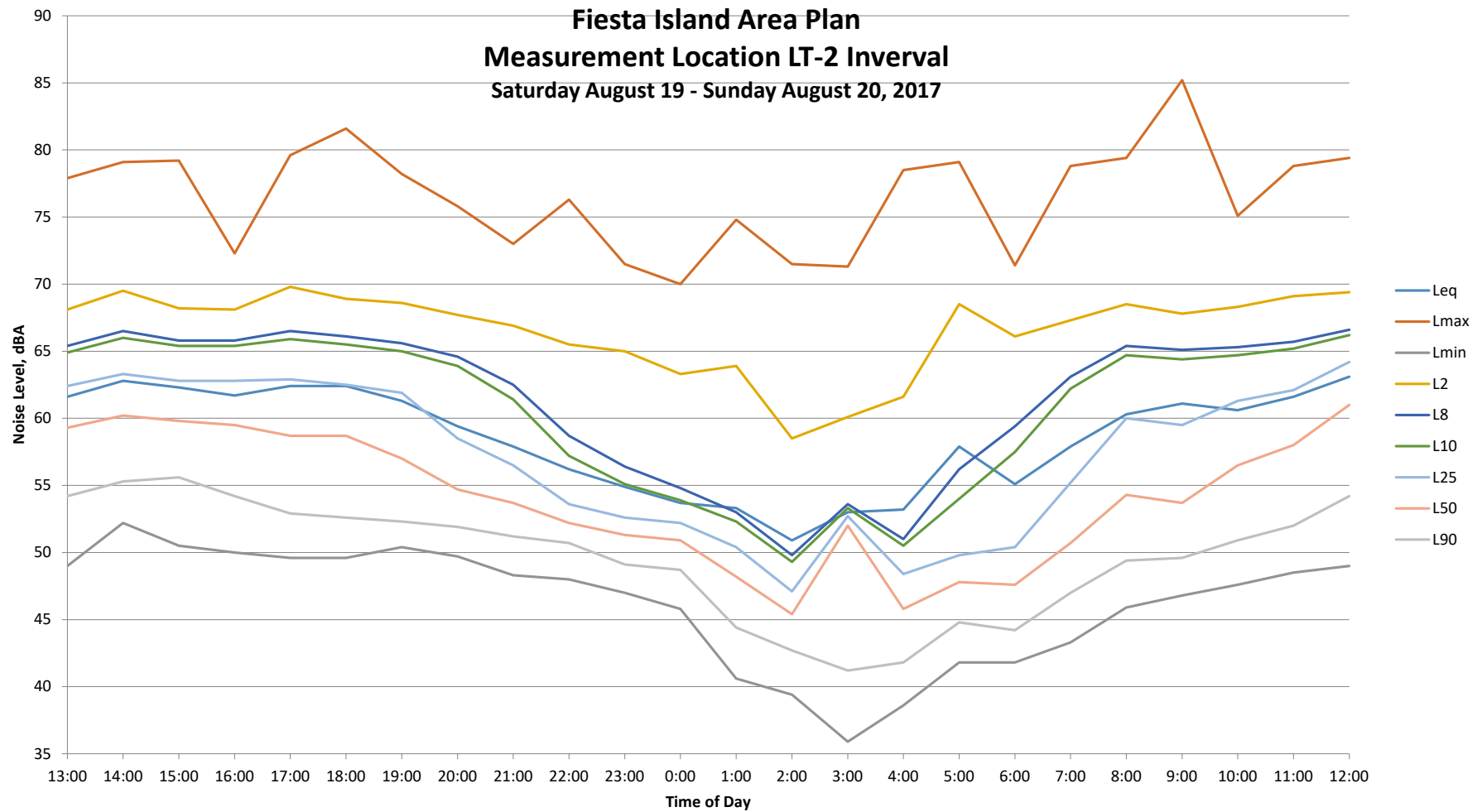
LT-2 Intervals

Date	Time	Duration	Leq	SEL	Lmax	Lmin	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19-Aug-17	12:31:56	1683.9	62.8	95.1	82.3	50	69.6	66.2	65.7	62.8	59.4	54.3
19-Aug-17	13:00:00	3600	61.6	97.2	77.9	49	68.1	65.4	64.9	62.4	59.3	54.2
19-Aug-17	14:00:00	3600	62.8	98.4	79.1	52.2	69.5	66.5	66	63.3	60.2	55.3
19-Aug-17	15:00:00	3600	62.3	97.9	79.2	50.5	68.2	65.8	65.4	62.8	59.8	55.6
19-Aug-17	16:00:00	3600	61.7	97.2	72.3	50	68.1	65.8	65.4	62.8	59.5	54.2
19-Aug-17	17:00:00	3600	62.4	97.9	79.6	49.6	69.8	66.5	65.9	62.9	58.7	52.9
19-Aug-17	18:00:00	3600	62.4	97.9	81.6	49.6	68.9	66.1	65.5	62.5	58.7	52.6
19-Aug-17	19:00:00	3600	61.3	96.8	78.2	50.4	68.6	65.6	65	61.9	57	52.3
19-Aug-17	20:00:00	3600	59.4	95	75.8	49.7	67.7	64.6	63.9	58.5	54.7	51.9
19-Aug-17	21:00:00	3600	57.9	93.5	73	48.3	66.9	62.5	61.4	56.5	53.7	51.2
19-Aug-17	22:00:00	3600	56.2	91.7	76.3	48	65.5	58.7	57.2	53.6	52.2	50.7
19-Aug-17	23:00:00	3600	54.9	90.5	71.5	47	65	56.4	55.1	52.6	51.3	49.1
20-Aug-17	0:00:00	3600	53.7	89.3	70	45.8	63.3	54.8	53.9	52.2	50.9	48.7
20-Aug-17	1:00:00	3600	53.3	88.9	74.8	40.6	63.9	53	52.3	50.4	48.2	44.4
20-Aug-17	2:00:00	3600	50.9	86.5	71.5	39.4	58.5	49.8	49.3	47.1	45.4	42.7
20-Aug-17	3:00:00	3600	53	88.6	71.3	35.9	60.1	53.6	53.3	52.7	52	41.2
20-Aug-17	4:00:00	3600	53.2	88.8	78.5	38.6	61.6	51	50.5	48.4	45.8	41.8
20-Aug-17	5:00:00	3600	57.9	93.5	79.1	41.8	68.5	56.2	54	49.8	47.8	44.8
20-Aug-17	6:00:00	3600	55.1	90.7	71.4	41.8	66.1	59.4	57.5	50.4	47.6	44.2
20-Aug-17	7:00:00	3600	57.9	93.5	78.8	43.3	67.3	63.1	62.2	55.2	50.7	47
20-Aug-17	8:00:00	3600	60.3	95.8	79.4	45.9	68.5	65.4	64.7	60	54.3	49.4
20-Aug-17	9:00:00	3600	61.1	96.7	85.2	46.8	67.8	65.1	64.4	59.5	53.7	49.6
20-Aug-17	10:00:00	3600	60.6	96.1	75.1	47.6	68.3	65.3	64.7	61.3	56.5	50.9
20-Aug-17	11:00:00	3600	61.6	97.1	78.8	48.5	69.1	65.7	65.2	62.1	58	52
20-Aug-17	12:00:00	3600	63.1	98.7	79.4	49	69.4	66.6	66.2	64.2	61	54.2

Fiesta Island Area Plan
Measurement Location LT-2 Time History
Saturday August 19 - Sunday August 20, 2017



Fiesta Island Area Plan
Measurement Location LT-2 Interval
Saturday August 19 - Sunday August 20, 2017



Fiesta Island Area Plan Noise Metrics Calculations (LT-2)

INPUT		24-hr INPUT	INPUT		Ldn CALCS		CNEL CALCS	
Time	D/E/N	Day 1, 1-h Leq	Day 2, 1-h Leq	AVG Lvl	Penalty	Adj'd SPL	Penalty	Adj'd SPL
13:00:00	D	61.6	0	61.6	0	61.6	0	61.6
14:00:00	D	62.8	0	62.8	0	62.8	0	62.8
15:00:00	D	62.3	0	62.3	0	62.3	0	62.3
16:00:00	D	61.7	0	61.7	0	61.7	0	61.7
17:00:00	D	62.4	0	62.4	0	62.4	0	62.4
18:00:00	D	62.4	0	62.4	0	62.4	0	62.4
19:00:00	E	61.3	0	61.3	0	61.3	5	66.3
20:00:00	E	59.4	0	59.4	0	59.4	5	64.4
21:00:00	E	57.9	0	57.9	0	57.9	5	62.9
22:00:00	N	56.2	0	56.2	10	66.2	10	66.2
23:00:00	N	54.9	0	54.9	10	64.9	10	64.9
0:00:00	N	53.7	0	53.7	10	63.7	10	63.7
1:00:00	N	53.3	0	53.3	10	63.3	10	63.3
2:00:00	N	50.9	0	50.9	10	60.9	10	60.9
3:00:00	N	53	0	53.0	10	63.0	10	63.0
4:00:00	N	53.2	0	53.2	10	63.2	10	63.2
5:00:00	N	57.9	0	57.9	10	67.9	10	67.9
6:00:00	N	55.1	0	55.1	10	65.1	10	65.1
7:00:00	D	57.9	0	57.9	0	57.9	0	57.9
8:00:00	D	60.3	0	60.3	0	60.3	0	60.3
9:00:00	D	61.1	0	61.1	0	61.1	0	61.1
10:00:00	D	60.6	0	60.6	0	60.6	0	60.6
11:00:00	D	61.6	0	61.6	0	61.6	0	61.6
12:00:00	D	63.1	0	63.1	0	63.1	0	63.1

50.9

24h Leq

59.8

63.1

Ldn

62.9

CNEL

63.4

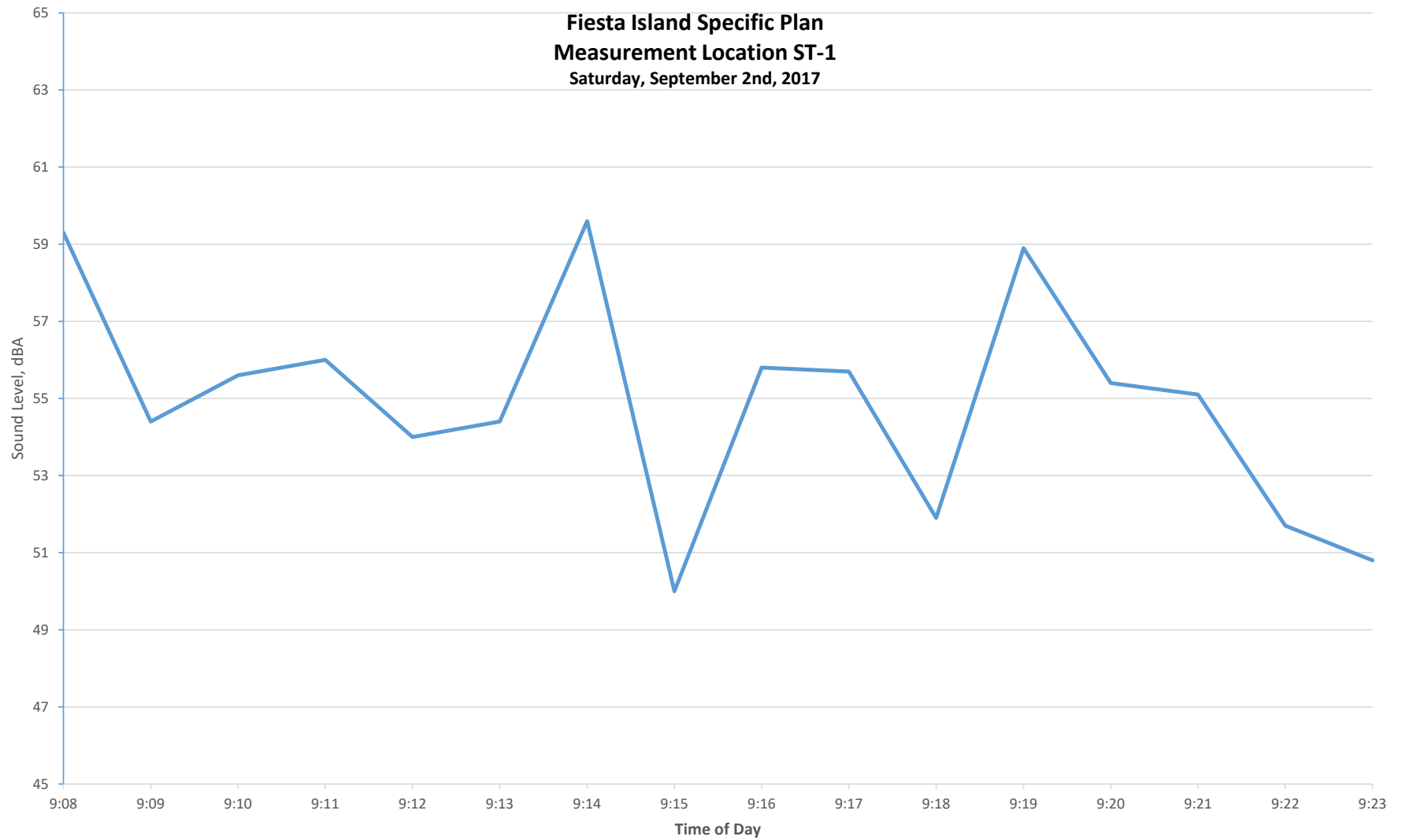
ST-1 Time History

Date	Time	Level	SEL
2-Sep-17	9:08:03	59.3	77.1
2-Sep-17	9:09:03	54.4	72.2
2-Sep-17	9:10:03	55.6	73.4
2-Sep-17	9:11:03	56	73.8
2-Sep-17	9:12:03	54	71.8
2-Sep-17	9:13:03	54.4	72.2
2-Sep-17	9:14:03	59.6	77.4
2-Sep-17	9:15:03	50	67.7
2-Sep-17	9:16:03	55.8	73.6
2-Sep-17	9:17:03	55.7	73.5
2-Sep-17	9:18:03	51.9	69.7
2-Sep-17	9:19:03	58.9	76.6
2-Sep-17	9:20:03	55.4	73.2
2-Sep-17	9:21:03	55.1	72.9
2-Sep-17	9:22:03	51.7	69.5
2-Sep-17	9:23:03	50.8	68.6

15-min Leq 56.0

Date	Time	Duration	Leq	SEL	ST-1 Intervals							
					Lmax	Lmin	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
2-Sep-17	9:08:03	900	56	85.5	70.4	46	64.1	59.5	59.1	56.9	52.6	48.1

Fiesta Island Specific Plan
Measurement Location ST-1
Saturday, September 2nd, 2017



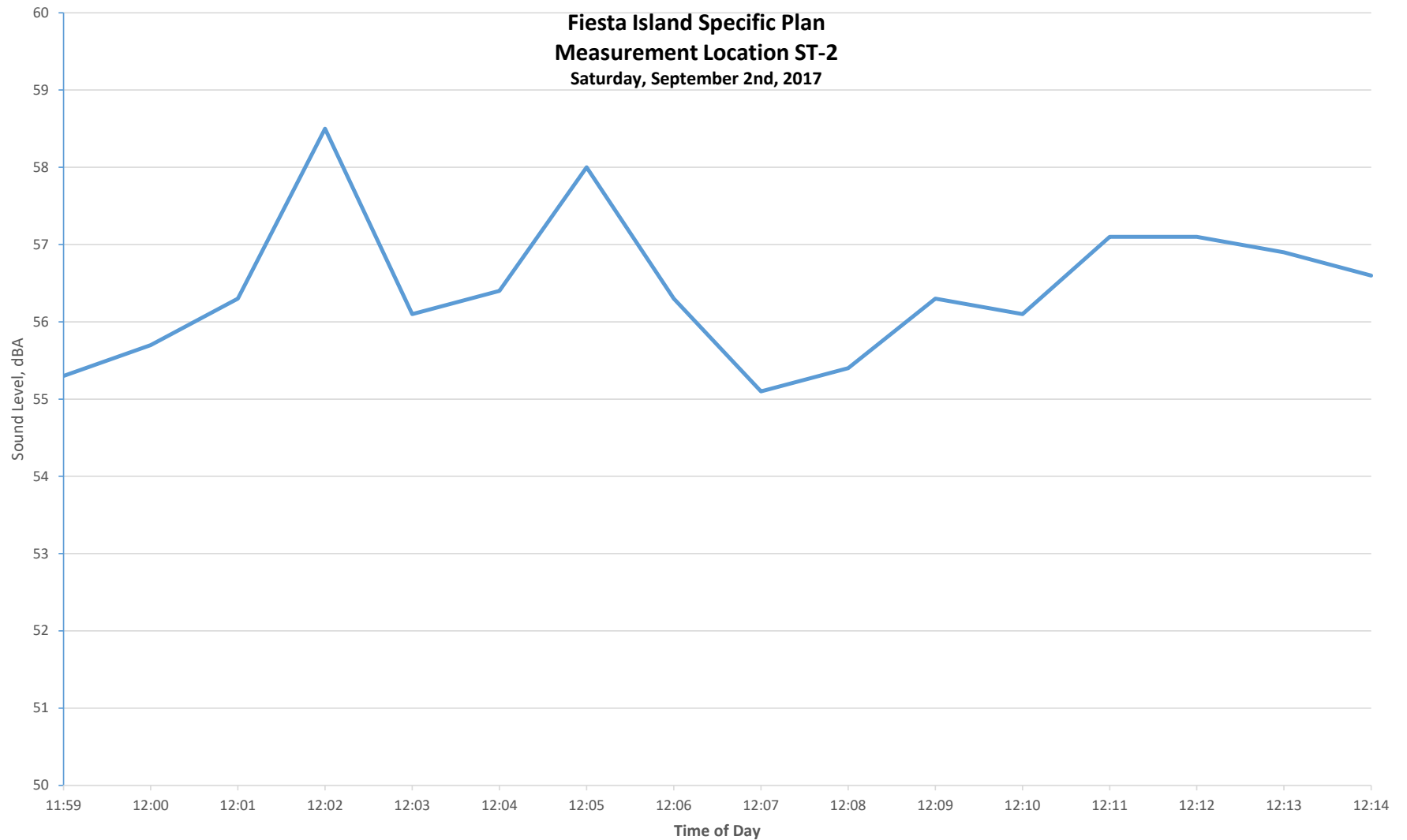
ST-2 Time History

Date	Time	Level	SEL
2-Sep-17	11:59:28	55.3	73.1
2-Sep-17	12:00:28	55.7	73.5
2-Sep-17	12:01:28	56.3	74.1
2-Sep-17	12:02:28	58.5	76.3
2-Sep-17	12:03:28	56.1	73.9
2-Sep-17	12:04:28	56.4	74.2
2-Sep-17	12:05:28	58	75.8
2-Sep-17	12:06:28	56.3	74.1
2-Sep-17	12:07:28	55.1	72.8
2-Sep-17	12:08:28	55.4	73.2
2-Sep-17	12:09:28	56.3	74.1
2-Sep-17	12:10:28	56.1	73.8
2-Sep-17	12:11:28	57.1	74.8
2-Sep-17	12:12:28	57.1	74.9
2-Sep-17	12:13:28	56.9	74.7
2-Sep-17	12:14:28	56.6	74.4

15-min Leq 56.5

Date	Time	Duration	Leq	SEL	ST-2 Intervals							
					Lmax	Lmin	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
2-Sep-17	11:59:28	900	56.5	86.1	64.9	51.3	61	59.2	58.9	57.4	55.9	53

**Fiesta Island Specific Plan
Measurement Location ST-2
Saturday, September 2nd, 2017**



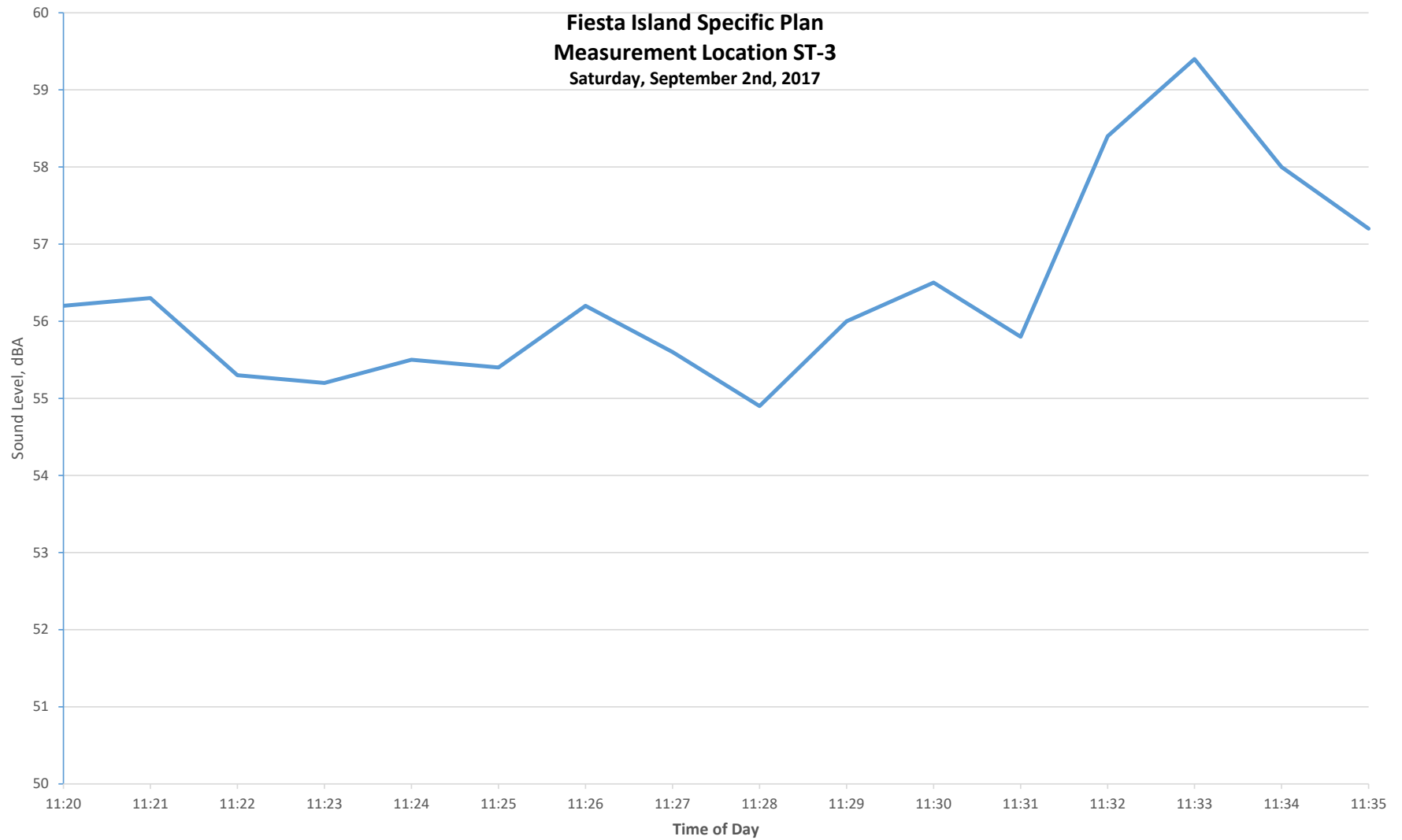
ST-3 Time History

Date	Time	Level	SEL
2-Sep-17	11:20:07	56.2	74
2-Sep-17	11:21:07	56.3	74.1
2-Sep-17	11:22:07	55.3	73
2-Sep-17	11:23:07	55.2	73
2-Sep-17	11:24:07	55.5	73.3
2-Sep-17	11:25:07	55.4	73.2
2-Sep-17	11:26:07	56.2	74
2-Sep-17	11:27:07	55.6	73.4
2-Sep-17	11:28:07	54.9	72.7
2-Sep-17	11:29:07	56	73.8
2-Sep-17	11:30:07	56.5	74.2
2-Sep-17	11:31:07	55.8	73.5
2-Sep-17	11:32:07	58.4	76.2
2-Sep-17	11:33:07	59.4	77.2
2-Sep-17	11:34:07	58	75.8
2-Sep-17	11:35:07	57.2	75

15-min Leq 56.5

Date	Time	Duration	Leq	SEL	ST-3 Intervals							
					Lmax	Lmin	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
2-Sep-17	11:20:07	900	56.5	86.1	63	53.6	60	59.1	58.8	57	55.7	54.4

Fiesta Island Specific Plan
Measurement Location ST-3
Saturday, September 2nd, 2017



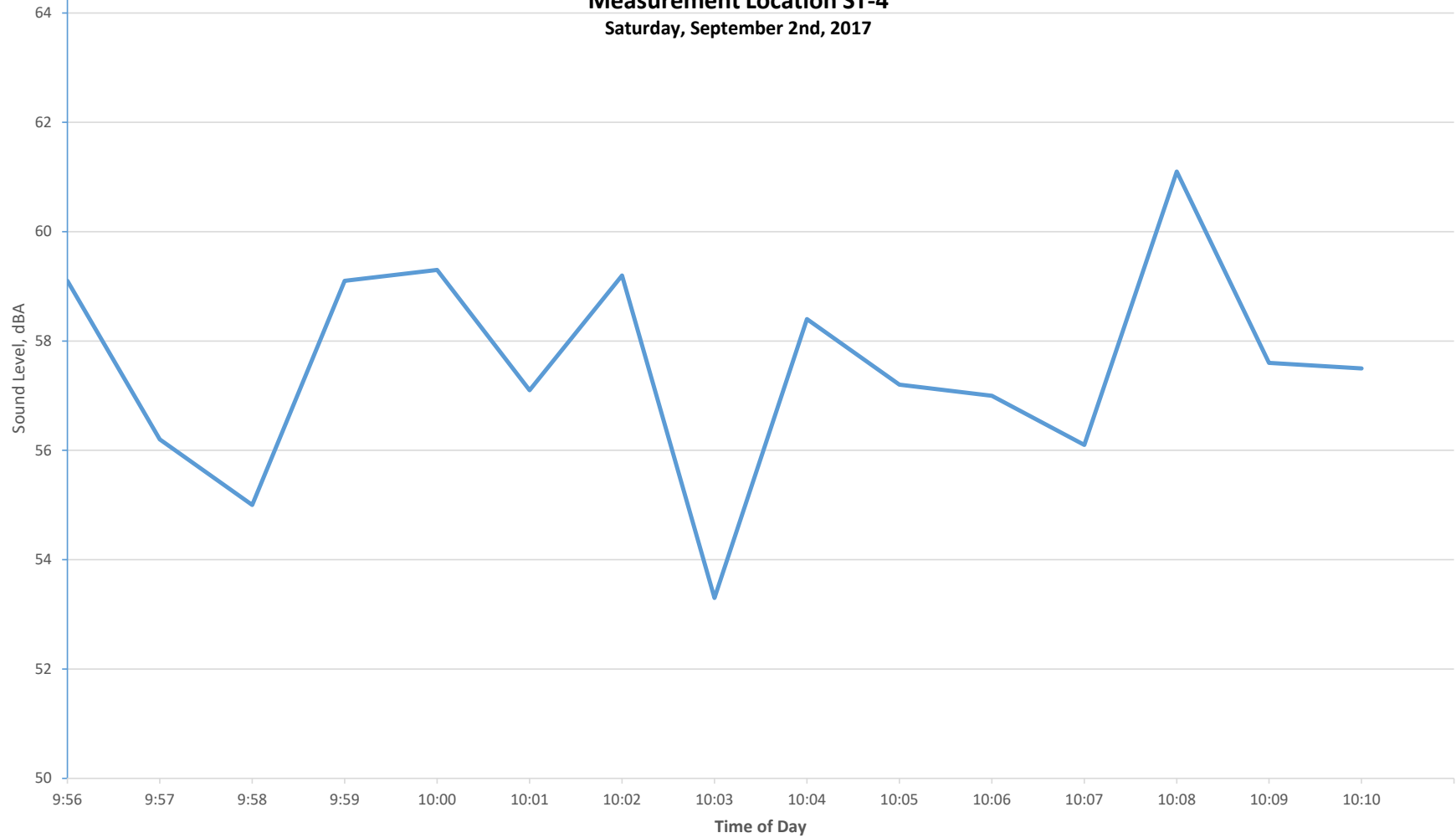
ST-4 Time History

Date	Time	Level	SEL
-----	-----	----	
2-Sep-17	9:56:09	59.1	76.9
2-Sep-17	9:57:09	56.2	74
2-Sep-17	9:58:09	55	72.8
2-Sep-17	9:59:09	59.1	76.9
2-Sep-17	10:00:09	59.3	77.1
2-Sep-17	10:01:09	57.1	74.9
2-Sep-17	10:02:09	59.2	77
2-Sep-17	10:03:09	53.3	71.1
2-Sep-17	10:04:09	58.4	76.1
2-Sep-17	10:05:09	57.2	74.9
2-Sep-17	10:06:09	57	74.7
2-Sep-17	10:07:09	56.1	73.9
2-Sep-17	10:08:09	61.1	78.8
2-Sep-17	10:09:09	57.6	75.4
2-Sep-17	10:10:09	57.5	75.3

15-min Leq 57.9

Date	Time	Duration	Leq	SEL	ST-4 Intervals							
					Lmax	Lmin	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2-Sep-17	9:56:09	876	57.9	87.4	66.6	51	64.2	61.5	61.1	58.7	56.3	52.7

**Fiesta Island Specific Plan
Measurement Location ST-4
Saturday, September 2nd, 2017**



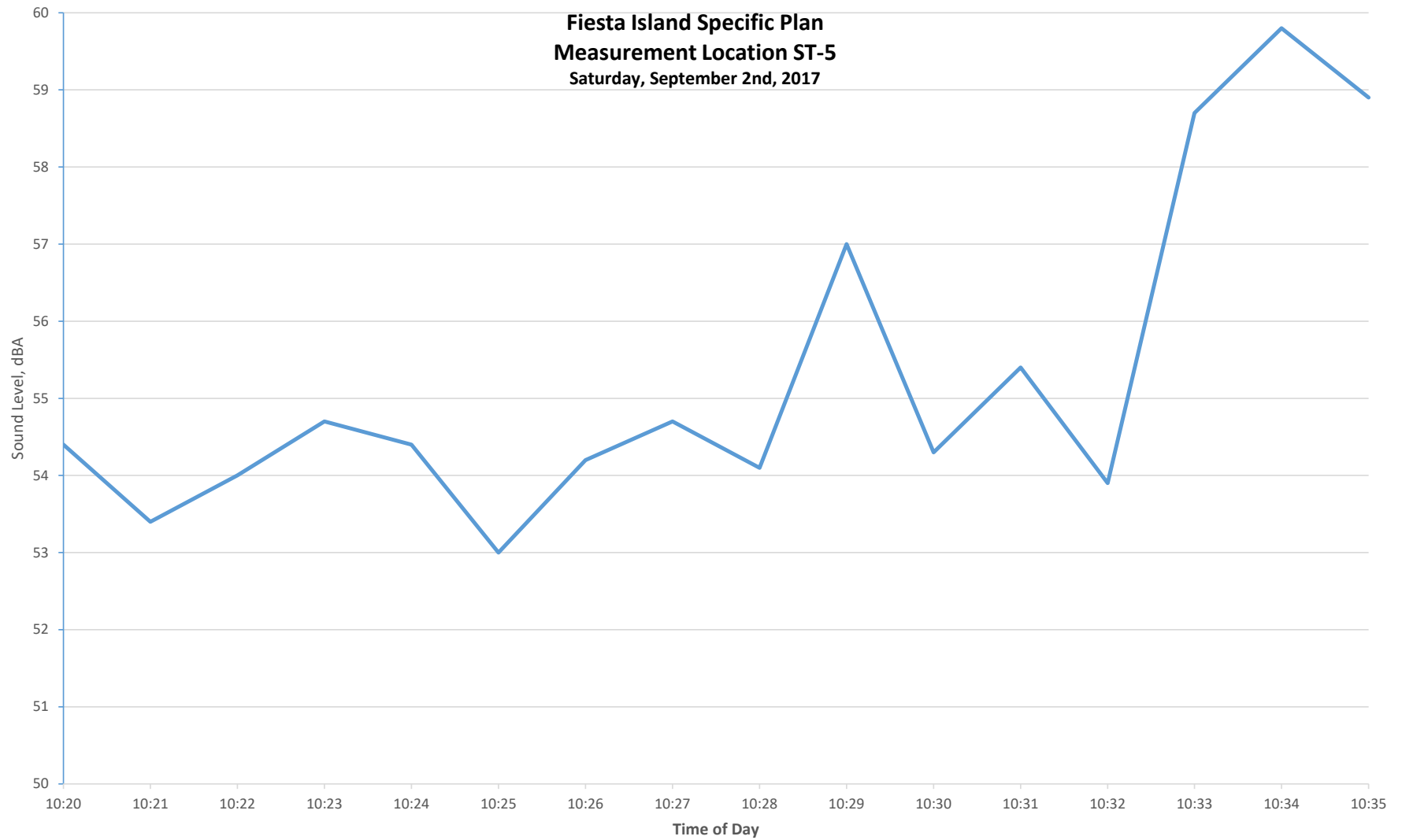
ST-5 Time History

Date	Time	Level	SEL
2-Sep-17	10:20:24	54.4	72.2
2-Sep-17	10:21:24	53.4	71.2
2-Sep-17	10:22:24	54	71.8
2-Sep-17	10:23:24	54.7	72.5
2-Sep-17	10:24:24	54.4	72.2
2-Sep-17	10:25:24	53	70.8
2-Sep-17	10:26:24	54.2	72
2-Sep-17	10:27:24	54.7	72.5
2-Sep-17	10:28:24	54.1	71.9
2-Sep-17	10:29:24	57	74.8
2-Sep-17	10:30:24	54.3	72.1
2-Sep-17	10:31:24	55.4	73.2
2-Sep-17	10:32:24	53.9	71.7
2-Sep-17	10:33:24	58.7	76.5
2-Sep-17	10:34:24	59.8	77.6
2-Sep-17	10:35:24	58.9	76.7

15-min Leq 55.5

Date	Time	Duration	Leq	SEL	ST-5 Intervals							
					Lmax	Lmin	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
2-Sep-17	10:20:24	900	55.5	85.1	68.3	51.1	61.3	57.6	57	55.4	54.2	52.6

**Fiesta Island Specific Plan
Measurement Location ST-5
Saturday, September 2nd, 2017**



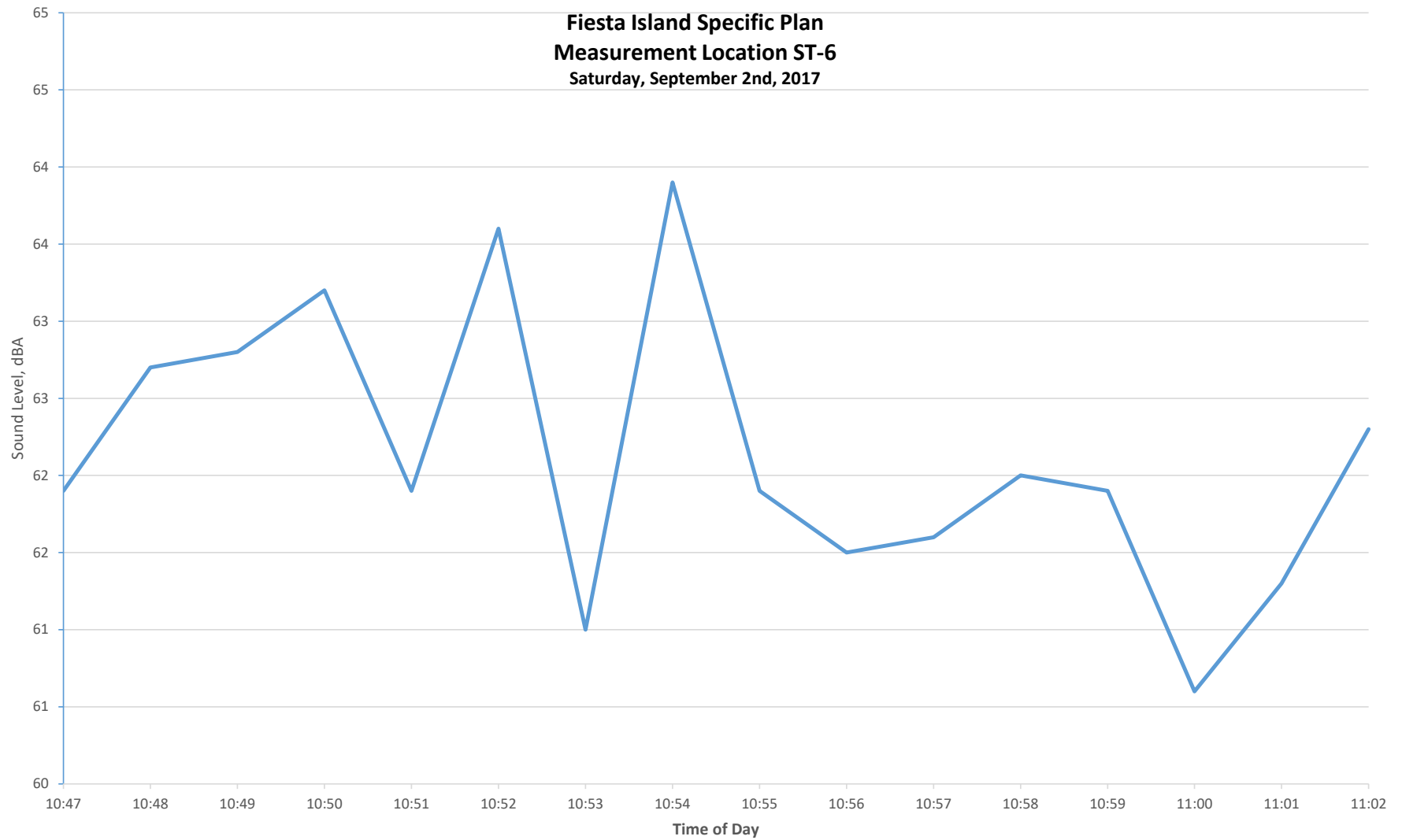
ST-6 Time History

Date	Time	Level	SEL
2-Sep-17	10:47:01	61.9	79.7
2-Sep-17	10:48:01	62.7	80.4
2-Sep-17	10:49:01	62.8	80.6
2-Sep-17	10:50:01	63.2	81
2-Sep-17	10:51:01	61.9	79.7
2-Sep-17	10:52:01	63.6	81.4
2-Sep-17	10:53:01	61	78.8
2-Sep-17	10:54:01	63.9	81.7
2-Sep-17	10:55:01	61.9	79.6
2-Sep-17	10:56:01	61.5	79.3
2-Sep-17	10:57:01	61.6	79.4
2-Sep-17	10:58:01	62	79.8
2-Sep-17	10:59:01	61.9	79.7
2-Sep-17	11:00:01	60.6	78.4
2-Sep-17	11:01:01	61.3	79.1
2-Sep-17	11:02:01	62.3	80.1

15-min Leq 62.2

Date	Time	Duration	Leq	SEL	ST-6 Intervals							
					Lmax	Lmin	L(2)	L(8)	L(10)	L(25)	L(50)	L(90)
2-Sep-17	10:47:01	900	62.2	91.8	75.1	59.2	66.1	63.3	63	62.2	61.6	60.5

Fiesta Island Specific Plan
Measurement Location ST-6
Saturday, September 2nd, 2017





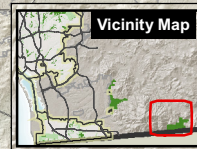
THE CITY OF SAN DIEGO General Plan

Conservation Element

Pacific Ocean

San Diego Bay

MEXICO



Marron Valley

MEXICO

Figure CE-2

Multi-Habitat Planning Area

Mult-Habitat Planning Areas*

- City-Owned Land
- Non-City Owned Land

Other Features

- Military Lands

0 1 2 4 6 Miles



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Standards and Regulations Applicable to the Fiesta Island Concept Plan

City of San Diego CEQA Significance Determination Thresholds (2016)

K. NOISE

Noise is defined as unwanted or objectionable sound. Noise levels compatible with a person's life, health and enjoyment of property are regulated by Local, State, and Federal regulations, including the City of San Diego Progress Guide and General Plan, City Noise Abatement and Control Ordinance, California Noise Insulation Standards (Title 24), the State Public Utilities Code regulating airports, and other regulations. A direct and/or indirect noise impact should be evaluated in relation to applicable City standards, particularly, the City of San Diego Progress Guide and General Plan (Transportation Element). The following significance thresholds are in accordance with the City's Progress Guide and General Plan (Transportation Element) Land Use Compatibility with Annual Community Noise Equivalent Levels (CNEL).

Measurement of sound involves three variables, (1) magnitude; (2) frequency; and (3) duration. Noise levels in the City of San Diego are expressed and compared as dB (A) CNEL.

Definitions

The following definitions shall have the same meaning as defined in the Section 59.5.0102 of the City of San Diego Municipal Code:

A-Weighting

As in decibel A-weighting (dB [A]). Represents the frequency characteristics of the average human ear for various sound intensities. An A-Weight sound filters out lower frequencies, and provides a good indicator of the annoyance potential of a noise.

Average Sound Level

A sound level typical of the sound levels at a certain place during a given period of time, averaged by the general rule of combination for sound levels, said general rule being set forth in American National Standard Specifications for Sound Level Meters 1.4-1971. Average sound level is also called equivalent continuous sound level. (L_{eq})

Community Noise Equivalent Level (CNEL)

An average sound level during a 24-hour day, obtained after addition of five (5) decibels to sound levels in the evening from 7:00 p.m. to 10:00 p.m., and after addition of ten (10) decibels to sound levels in the night before 7:00 a.m. and after 10:00 p.m.

CNEL recognizes that noise annoyance is related to duration, how often the noise is present, how long it persists, and when it occurs.

Decibel (dB)

A unit measure of sound (noise) level.

Just as feet is used to measure distances, decibels are used to measure sound (noise) levels. The decibel is defined as 10 times the common logarithm of the ratio of two amounts of sound power.

The human ear can hear sounds from less than 10 dB to over 100 dB (sounds which are 100,000 times greater than the faintest sounds). Table K-1 shows the approximate relationship between sound level changes and people's judgment of the relative loudness of the change.

**Table K-1
RELATIVE LOUDNESS**

Sound Level Change	Acoustic Energy Change	Relative Loudness
0 dB	0	Reference Point
3 dB	50 %	Perceptible Change
10 dB	90 %	Twice as Loud
20 dB	99 %	Four Times as Loud
30 dB	99.9 %	Eight Times as Loud
40 dB	99.99 %	Sixteen Times as Loud

Source: Miller 1989 pg. 1-6

Noise Level

The same as sound level. The terms may be used interchangeably.

Sound Level

In decibels, that quantity measured with a sound level meter as defined herein, by use of the "A" frequency weighting and "fast" time averaging unless some other time averaging is specified.

Sound Level Meter

An instrument for the measurement of sound, including a microphone, an amplifier, an attenuator, networks at least for standardized frequency weighting A, and an indicating instrument having at least the standardized dynamic characteristic "fast," as specified in American National Standard Specification for Sound Level Meters S1. 4-1971 or its successor.

INITIAL STUDY CHECKLIST QUESTIONS

The following questions are from the City's Initial Study Checklist and are used to provide guidance to determine potential significant impacts related to Noise:

Would the project:

1. Result or create a significant increase in the existing ambient noise levels?
2. Exposure of people to noise levels which exceed the City's adopted noise ordinance or are incompatible with Table K-4?

3. Exposure of people to current or future transportation noise levels which exceed standards established in the Transportation Element of the General Plan or an adopted airport Comprehensive Land Use Plan?
4. Result in land uses which are not compatible with aircraft noise levels as defined by an adopted airport Comprehensive Land Use Plan (CLUP)?

SIGNIFICANCE THRESHOLDS

1. Interior and Exterior Noise Impacts from Traffic Generated Noise (Table K-2 below provides the general thresholds of significance for uses affected by traffic noise.)

Table K-2
TRAFFIC NOISE SIGNIFICANCE THRESHOLDS
(db(A) CNEL)

Structure or Proposed Use that would be impacted by Traffic Noise	Interior Space	Exterior Useable Space ²²	General Indication of Potential Significance
Single-family detached	45 dB	65 Db	Structure or outdoor useable area ²³ is < 50 feet from the center of the closest (outside) lane on a street with existing or future ADTs > 7500 ²⁴
Multi-family, schools, libraries, hospitals, day care, hotels, motels, parks, convalescent homes.	- Development Services Department (DSD) ensures 45 dB pursuant to Title 24	65 dB	
Offices, Churches, Business, Professional Uses	n/a	70 dB	Structure or outdoor usable area is < 50 feet from the center of the closest lane on a street with existing or future ADTs > 20,000
Commercial, Retail, Industrial, Outdoor Spectator Sports Uses	n/a	75 dB	Structure or outdoor usable area is < 50 feet from the center of the closest lane on a street with existing or future ADTs > 40,000

Source: 1) City of San Diego Acoustical Report Guidelines (December 2003) and 2) City of San Diego Progress Guide and General Plan (Transportation Element)

²² If a project is currently at or exceeds the significance thresholds for traffic noise described above and noise levels would result in less than a 3 dB increase, then the impact is not considered significant.

²³ Exterior usable areas do not include residential front yards or balconies, unless the areas such as balconies are part of the required usable open space calculation for multi-family units.

²⁴ Traffic counts are available from:

- San Diego Regional Association of Governments (SANDAG) Regional Economic Development Information
- System (**REDI**): <http://cart.sandag.cog.ca.us/REDI/>
- **SANDAG Traffic Forecast Information Center**: <http://pele.sandag.org/trfic.html>

2. HUD-Funded projects and Noise

If a project is receiving U.S. Department of Housing and Urban Development (HUD) funding, noise analysis and mitigation must be in accordance with the HUD Noise Guidebook²⁵ Minimum attenuation requirements are prescribed in Title 24 of the Code of Federal Regulations²⁶ (24 CFR 51.104(a)) which are the HUD Environmental Criteria and Standards.

3. Airport Noise Impacts

If the project is proposed within the Airport Environs Overlay Zone (AEOZ) as defined in Chapter 13, Article 2, Division 3 of the San Diego Municipal Code, the potential exterior noise impacts from aircraft noise would not constitute a significant environmental impact.

However, interior noise impacts will be regulated by the requirement for residential development within the AEOZ to reduce interior noise levels attributable to airport noise to 45 dB Community Noise Equivalent Level (CNEL). Interior noise levels for new construction of multi-family units are addressed by the Building Development Review Division (BDR) of the City's Development Services Department (DSD) and do not need to be mitigated through conditions in the environment report, but the BDR requirements should be noted. BDR requires additional insulation and upgraded building materials so that interior noise levels do not exceed 45 dB(A) CNEL. The requirements for an acoustical testing are defined in the City of San Diego Municipal Code, Chapter 13, Article 2, Division 3, §132.0308, "Acoustical Testing of Interior Noise Levels."

Requirements for noise studies are found in the Municipal Code at Chapter 13, Article 2, Division 3, §132.0308. This section of the municipal code applies to "development" as defined at, § 113.0103 to include "constructing, reconstructing, converting, establishing, altering, maintaining, relocating, demolishing, using, or enlarging any building, structure, improvement, lot, or premises."

Remodels and additions to single-family and multi-family residences subject to airport noise levels above 65 dB (A) CNEL ordinarily would not be considered a significant issue and a noise study would not be required for the purposes of CEQA analysis. However, new construction of hospitals, schools, day care centers, or other sensitive uses subject to airport noise levels in excess of 65 dB(A) CNEL would be considered a significant issue and a noise study would be required that could recommend measures to mitigate potential noise impacts to a level below significance. Table K-3 below addresses the general impacts from airport noise thresholds.

²⁵ <http://www.hud.gov/offices/cpd/energyenviron/environment/resources/guidebooks/noise/index.cfm>

²⁶ <http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1>

Table K-3
IMPACTS FROM AIRPORT NOISE

Structure or Proposed Use that would be impacted by Airport Noise	Regulation
Structure within an AEOZ	Exterior noise is one factor in determining land use compatibility. See Table K-4 and the applicable Comprehensive Land Use Plan (CLUP).
New Single Family and Multi-family	Building Development Review Division (BDR) of Development Services Department (DSD) ensures 45 dB interior noise levels. Discuss Airport noise impact & BDR requirements (insulation and upgraded building materials to ensure 45 dB(A) CNEL) in environmental document See also § 132.0309 Requirement for Avigation Easement
Remodels and additions to existing single and multi-family	Noise study & mitigation not required for airport noise > 65 dB(A) CNEL. See also § 132.0309 Requirement for Avigation Easement . For development within the 60 dB CNEL contour of Lindbergh Field the applicant must demonstrate that indoor noise levels that are attributable to airport operations shall not exceed 45 dB. Refer to § 132.0306 of the Municipal Code.
New construction of hospitals, schools, day care centers or other sensitive uses	Noise study and mitigation required for airport noise > 65 dB(A) CNEL. See also § 132.0309 Requirement for Avigation Easement .

4. Noise from Adjacent Stationary Uses (Noise Generators)

A project which would generate noise levels at the property line which exceed the City's Noise Ordinance Standards is considered potentially significant (such as potentially a carwash or projects operating generators or noisy equipment).

If a non-residential use, such as a commercial, industrial or school use, is proposed to abut an existing residential use, the decibel level at the property line should be the arithmetic mean of the decibel levels allowed for each use as set forth in Section 59.5.0401 of the Municipal Code. Although the noise level above could be consistent with the City's Noise Ordinance Standards, a noise level above 65 dB (A) CNEL at the residential property line could be considered a significant environmental impact.

1. Impacts to Sensitive Wildlife

Noise mitigation may be required for significant noise impacts to certain avian species during their breeding season, depending upon the location of the project such as in or adjacent to an MHPA, whether or not the project is occupied by the California gnatcatcher, least Bell's vireo, southern willow flycatcher, least tern, cactus wren, tricolored blackbird or western snowy plover, and whether or not noise levels from the project, including construction during the breeding season of these species would exceed 60dB(A) or existing ambient noise level if above 60dB(A). In addition, please note that significant noise impacts to the California gnatcatcher are only analyzed if the project is within an MHPA; there are no restrictions for the gnatcatcher outside the MHPA any time of year. Please see Biological Resources Section, Step 2, Note (f).

6. Temporary Construction Noise

Temporary construction noise which exceeds 75 dB (A) L_{eq} at a sensitive receptor would be considered significant. Construction noise levels measured at or beyond the property lines of any property zoned residential shall not exceed an average sound level greater than 75-decibels (dB) during the 12-hour period from 7:00 a.m. to 7:00 p.m. In addition, construction activity is prohibited between the hours of 7:00 p.m. of any day and 7:00 a.m. of the following day, or on legal holidays as specified in Section 21.04 of the San Diego Municipal Code, with exception of Columbus Day and Washington's Birthday, or on Sundays, that would create disturbing, excessive, or offensive noise unless a permit has been applied for and granted beforehand by the Noise Abatement and Control Administrator, in conformance with San Diego Municipal Code Section 59.5.0404.

Additionally, where temporary construction noise would substantially interfere with normal business communication, or affect sensitive receptors, such as day care facilities, a significant noise impact may be identified.

7. Noise/Land Use Compatibility

Noise is one factor to be considered in determining whether a land use is compatible. Land use compatibility noise factors are presented in Table K-4. Compatible land uses are shaded. Incompatible land uses are unshaded. The transition zone between compatible and incompatible should be evaluated by the environmental planner to determine whether the use would be acceptable based on all available information and the extent to which the noise from the proposed project would affect the surrounding uses.

Table K-4
City of San Diego Noise Land Use Compatibility Chart

<i>Land Use</i>		<i>Annual Community Noise Equivalent Level in Decibels</i>					
		50	55	60	65	70	75
1	Outdoor amphitheaters						
2	Schools, libraries						
3	Nature preserves, wildlife preserves						
4	Residential single-family, multi-family, mobile homes, transient housing						
5	Retirement homes, intermediate care facilities, convalescent homes						
6	Hospitals						
7	Parks, playgrounds						
8	Office buildings, business and professional						
9	Auditoriums, concert halls, indoor arenas, churches						
10	Riding stables, water recreation facilities						
11	outdoor spectator sports, golf courses						
12	livestock farming, animal breeding						
13	Commercial-retail, shopping centers, restaurants, movie theaters						
14	Commercial-wholesale, industrial manufacturing, utilities						
15	Agriculture (except livestock), extractive industry, farming						
16	Cemeteries						

Article 9.5: Noise Abatement and Control

*(“Noise Abatement and Control”
added 9–18–1973 by O–11122 N.S.)*

Division 1: General

(“General” added 9–18–1973 by O–11122 N.S.)

§59.5.0101 Purpose and Intent

The Council of The City of San Diego finds and declares that:

- (a) Inadequately controlled noise presents a growing danger to the health and welfare of the residents of the City of San Diego;
- (b) The making and creating of disturbing, excessive, or offensive noises within the jurisdictional limits of the City of San Diego is a condition which has persisted, and the level and frequency of occurrences of such noises continue to increase;
- (c) The making, creation, or continuance of such excessive noises, which are prolonged or unusual in their time, place, and use, affect and are a detriment to the public health, comfort, convenience, safety, welfare, and prosperity of the residents of the City of San Diego;
- (d) Every person is entitled to an environment in which the noise is not detrimental to his or her life, health, or enjoyment of property; and
- (e) The necessity, in the public interest, for the provisions and prohibitions hereinafter contained and enacted is declared to be a matter of legislative determination and public policy, and it is further declared that the provisions and prohibitions hereinafter contained and enacted are in pursuance of and for the purpose of securing and promoting the public health, comfort, convenience, safety, welfare, prosperity, peace, and quiet of the City of San Diego and its inhabitants.

(Amended 9–22–1976 by O–11916 N.S.)

§59.5.0102 Definitions

Whenever the following words and phrases are used in this article, they shall have the meaning ascribed to them in this section:

- (a) **Average Sound Level** — a sound level typical of the sound levels at a certain place during a given period of time, averaged by the general rule of combination for sound levels, said general rule being set forth in American National Standard Specifications for Sound Level Meters Sl. 4–1971. Average sound level is also called equivalent continuous sound level.
- (b) **Community Noise Equivalent Level** — an average sound level during a 24–hour day, obtained after addition of five (5) decibels to sound levels in the evening from 7:00 p.m. to 10:00 p.m., and after addition of ten (10) decibels to sound levels in the night before 7:00 a.m. and after 10:00 p.m.
- (c) **Construction Equipment** — any tools, machinery, or equipment used in connection with construction operations, including all types of “special construction” equipment as defined in the pertinent sections of the California Vehicle Code when used in the construction process on any construction site, regardless of whether such construction site be located on–highway or off–highway.
- (d) **Decibel (dB)** — a unit measure of sound (noise) level.
- (e) **Emergency Work** — work made necessary to restore property to a safe condition following a public calamity, or work required to protect persons or property from imminent exposure to danger of damage, or work by public or private utilities when restoring utility service.
- (f) **Motor Vehicles** — any and all self–propelled vehicles as defined in the California Vehicle Code, specifically including but not limited to “mini–bikes” and “go–carts.”
- (g) **Noise Level** — the same as “sound level.” The terms may be used interchangeably herein.
- (h) **Person** — a person, firm, association, copartnership, joint venture, corporation, or any entity, public or private.
- (i) **Sound Level** — in decibels, that quantity measured with a sound level meter as defined herein, by use of the “A” frequency weighting and “fast” time averaging unless some other time averaging is specified.
- (j) **Sound Level Meter** — an instrument for the measurement of sound, including a microphone, an amplifier, an attenuator, networks at least for the standardized frequency weighting A, and an indicating instrument having at

least the standardized dynamic characteristic “fast,” as specified in American National Standard Specifications for Sound Level Meters Sl. 4–1971 or its successor.

- (k) Sound Amplifying Equipment — equipment as specified in Section 33.0203b of the San Diego Municipal Code.
- (l) Disturbing, Excessive or Offensive Noise — any sound or noise conflicting with the criteria or levels set forth in this article.
- (m) Supplementary Definitions of Technical Terms — definitions of technical terms not defined herein shall be obtained from American National Standard Acoustical Terminology, Sl.1–1960 (R– 1976).

(Amended 9–22–1976 by O–11916 N.S.)

Article 9.5: Noise Abatement and Control

Division 2: Administration

(“Administration” added 9-18-1973 by O-11122 N.S.)

§59.5.0201 Establishment of Noise Abatement and Control Administrator

There is hereby established within the Neighborhood Code Compliance Department of The City of San Diego the function of Noise Abatement and Control Administration which shall be administered by the Director of the Neighborhood Code Compliance Department (hereinafter referred to as the “Administrator”).
(Amended 7-25-1994 by O-18088 N.S.)

§59.5.0202 Duties and Responsibilities of the Noise Abatement Administrator

- (a) The Administrator and his staff have the responsibility of regulating and controlling the emission of all excessive or offensive noises within the City of San Diego and shall take such action, subject to the provisions of this article, as is reasonable and necessary to abate noise. The Administrator shall coordinate the activities of all City departments relating to noise control and reduction in those activities carried out by the various departments, including the Environmental Impact Report review process relating to noise pollution. The Administrator may exercise or delegate any of the functions, powers and duties vested in his office or in the administration of his office.
- (b) The Administrator is expressly charged:
 - (1) To make any necessary investigations, inspections, or studies which, in his opinion, are necessary for the purpose of enforcing the provisions of this article or controlling or abating a disturbing, excessive or offensive noise. Information derived from noise studies shall be made available to the public upon request.
 - (2) To institute necessary proceedings to prosecute violations of this article and to compel the prevention and abatement of disturbing, excessive, or offensive noise, and as further set forth in Division 6 of this article.
 - (3) To allow exceptions to the requirements of this article, subject to conditions, when practical difficulties or unnecessary hardship involved in carrying out this article exist, if the exception will not be contrary to the purpose and intent of this article or detrimental to the public health, safety, and general welfare of the citizens of the City of San Diego.

- 4) To do any and all other acts which may be necessary for the successful prosecution of the purposes of this article and such other acts as may be specifically enumerated herein as duties.

(“Duties and Responsibilities of the Administrator Noise Abatement” retitled and amended 11-18-1997 by O-18439 N.S.)

(Retitled to “Duties and Responsibilities of the Noise Abatement Administrator” and amended 6-18-2013 by O-20261 N.S.; effective 7-19-2013.)

§59.5.0205 Inspection by Administrator

- (a) The Administrator may inspect, at any reasonable time and in a reasonable manner, any device or mechanism (1) which is intended to, or which actually does produce sound and (2) which creates or may create any disturbing noise, including, but not limited to, the premises where such device or mechanism is used.

- (b) If entry to premises is denied or refused, the Administrator shall obtain an inspection warrant from a court of a competent jurisdiction.

(Amended 9-22-1976 by O-11916 N.S.)

Article 9.5: Noise Abatement and Control

Division 3: Noise Abatement Contract Compliance (*"Noise Abatement Contract Compliance"* *added 9-18-1973 by O-11122 N.S.*)

§59.5.0301 Contract Provisions

(a) Contract

As used in this section, the term "contract" shall mean any written agreement or legal instrument whereby The City of San Diego is committed to expend, or does expend, public funds in consideration for work, labor, services, equipment, or any combination of the foregoing, except that the term "contract" shall not include:

- (1) Contracts for financial or other assistance entered into by The City of San Diego with any federal, state or other local governmental entity or agency.
- (2) Contracts, resolutions, indentures, declarations of trust, or other legal instruments authorizing or relating to (a) the purchase of insurance, (b) the authorization, issuance, award and sale of bonds, and (c) certificates of indebtedness, notes, or other fiscal obligations of the City.

(b) Contract Provisions

No contract shall be awarded or entered into by The City of San Diego unless such contract contains provisions requiring that:

Devices and activities which will be operated, conducted, or constructed pursuant to the contract and which are subject to the provisions of this Code, will be operated, conducted, or constructed without causing a violation of this article.

(c) Regulations

The Administrator may, from time to time, recommend to the City's Purchasing Agent and/or other City departments such specifications for the operation or construction of devices and activities pursuant to City contracts.

The Administrator shall make the recommendations necessary to achieve compliance with the provisions of this section.

- (d) No person shall cause or permit the operations of a device or conducting of an activity in such a way as to violate any provisions of a contract required by this action.
- (e) The provisions of this section shall not apply to those contracts awarded prior to three (3) months from the effective date (October 19, 1973) of this article.
(Amended 9-22-1976 by O-11916 N.S.)

Article 9.5: Noise Abatement and Control

Division 4: Limits

(“Noise Level Limits, Standards and Control”

added 9–18–1973 by O–11122 N.S.)

(Retitled to “Limits” on 9–22–1976 by O–11916 N.S.)

§59.5.0401 Sound Level Limits

- (a) It shall be unlawful for any person to cause noise by any means to the extent that the one-hour average sound level exceeds the applicable limit given in the following table, at any location in the City of San Diego on or beyond the boundaries of the property on which the noise is produced. The noise subject to these limits is that part of the total noise at the specified location that is due solely to the action of said person.

TABLE OF APPLICABLE LIMITS

Land Use	Time of Day	One-Hour Average Sound Level (decibels)
1. Single Family Residential	7 a.m. to 7 p.m. 7 p.m. to 10 p.m. 10 p.m. to 7 a.m.	50 45 40
2. Multi-Family Residential (Up to a maximum density of 1/2000)	7 a.m. to 7 p.m. 7 p.m. to 10 p.m. 10 p.m. to 7 a.m.	55 50 45
3. All other Residential	7 a.m. to 7 p.m. 7 p.m. to 10 p.m. 10 p.m. to 7 a.m.	60 55 50
4. Commercial	7 a.m. to 7 p.m. 7 p.m. to 10 p.m. 10 p.m. to 7 a.m.	65 60 60
5. Industrial or Agricultural	any time	75

- (b) The sound level limit at a location on a boundary between two zoning districts is the arithmetic mean of the respective limits for the two districts. Permissible construction noise level limits shall be governed by Sections 59.5.0404 of this article.

- (c) Fixed-location public utility distribution or transmission facilities located on or adjacent to a property line shall be subject to the noise level limits of Part A. of this section, measured at or beyond six feet from the boundary of the easement upon which the equipment is located.
- (d) This section does not apply to firework displays authorized by permit from the Fire Department.
- (e) This section does not apply to noise generated by helicopters at heliports or helistops authorized by a conditional use permit, nor to any roller coaster operated on City-owned parkland.

(Amended 9-11-1989 by O-17337 N.S.)

(Amended 11-28-2005 by O-19446 N.S.; effective 2-9-2006.)

§59.5.0402 Motor Vehicles

- (a) Off-Highway
 - (1) Except as otherwise provided for in this article, it shall be unlawful to operate any motor vehicle of any type on any site, other than on a public street or highway as defined in the California Vehicle Code, in any manner so as to cause noise in excess of those noise levels permitted for on-highway motor vehicles as specified in the table for “45 mile-per-hour or less speed limits” contained in Section 23130 of the California Vehicle Code, and as corrected for distances set forth in subsection A.2. below.

- (2) Corrections

The maximum noise level as the off-highway vehicle passes may be measured at a distance of other than fifty (50) feet from the center line of travel, provided the measurement is further adjusted by adding algebraically the applicable correction as follows:

Distance (Feet)	Correction (decibels)
25	-6
28	-5
32	-4
35	-3
40	-2
45	-1
50 (preferred distance)	0
56	+1
63	+2
70	+3
80	+4
90	+5
100	+6

- (3) A measured noise level thus corrected shall be deemed in violation of this section if it exceeds the applicable noise-level limit as specified above.
- (b) Nothing in this section shall apply to authorized emergency vehicles when being used in emergency situations, including the blowing of sirens and/or horns.
- (“Motor Vehicles” renumbered from Sec. 59.5.0403 on 9-22-1976 by O-11916 N.S.)*

§59.5.0403 Watercraft

Violations for excessive noise of watercraft operating in waters under the jurisdiction of The City of San Diego shall be prosecuted under applicable provisions of the California Harbors and Navigation Code. Permits issued by The City of San Diego for the operation of watercraft not in compliance with noise criteria of the Harbors and Navigation Code shall be reviewed and approved by the Administrator prior to issuance.

(“Watercraft” renumbered from Sec. 59.5.0407 and amended 9-22-1976 by O-11916 N.S.)

§59.5.0404 Construction Noise

- (a) It shall be unlawful for any person, between the hours of 7:00 p.m. of any day and 7:00 a.m. of the following day, or on legal holidays as specified in Section 21.04 of the San Diego Municipal Code, with exception of Columbus Day and Washington's Birthday, or on Sundays, to erect, construct, demolish, excavate for, alter or repair any building or structure in such a manner as to create disturbing, excessive or offensive noise unless a permit has been applied for and granted beforehand by the Noise Abatement and Control Administrator. In granting such permit, the Administrator shall consider whether the construction noise in the vicinity of the proposed work site would be less objectionable at night than during the daytime because of different population densities or different neighboring activities; whether obstruction and interference with traffic particularly on streets of major importance, would be less objectionable at night than during the daytime; whether the type of work to be performed emits noises at such a low level as to not cause significant disturbances in the vicinity of the work site; the character and nature of the neighborhood of the proposed work site; whether great economic hardship would occur if the work were spread over a longer time; whether proposed night work is in the general public interest; and he shall prescribe such conditions, working times, types of construction equipment to be used, and permissible noise levels as he deems to be required in the public interest.
- (b) Except as provided in subsection C. hereof, it shall be unlawful for any person, including The City of San Diego, to conduct any construction activity so as to cause, at or beyond the property lines of any property zoned residential, an average sound level greater than 75 decibels during the 12-hour period from 7:00 a.m. to 7:00 p.m.
- (c) The provisions of subsection B. of this section shall not apply to construction equipment used in connection with emergency work, provided the Administrator is notified within 48 hours after commencement of work.

(Amended 1-3-1984 by O-16100 N.S.)

§59.5.0406 Refuse Vehicles and Parking Lot Sweepers

No person shall operate or permit to be operated a refuse compacting, processing, or collection vehicle between the hours of 7:00 p.m. to 6:00 a.m. or a parking lot sweeper between the hours of 7:00 p.m. to 7:00 a.m. in any residential area unless a permit has been applied for and granted by the Administrator.

("Refuse Vehicles" added 9-18-1973 by O-11122 N.S.; amended 9-22-1976 by O-11916 N.S.)

(Amended 6-9-2010 by O-19960 N.S.; effective 7-9-2010.)

Article 9.5: Noise Abatement and Control

Division 5: Public Nuisance Noise (*“General Noise Regulations”* *added 9-18-1973 by O-11122 N.S.*) (*Retitled to “Public Nuisance Noise”* *on 9-22-1976 by O-11916 N.S.*)

§59.5.0501 General Prohibitions

- (a) It shall be unlawful for any person to make, continue, or cause to be made or continued, within the limits of said City, any disturbing, excessive, or offensive noise which causes discomfort or annoyance to any reasonable person of normal sensitiveness residing in the area.
 - (b) The characteristics and conditions which should be considered in determining whether a violation of the provisions of this section exists should include, but not be limited to the following:
 - (1) The level of the noise;
 - (2) Whether the nature of the noise is usual or unusual;
 - (3) Whether the origin of the noise is natural or unnatural;
 - (4) The level of the ambient noise;
 - (5) The proximity of the noise to sleeping facilities;
 - (6) The nature and zoning of the area from which the noise emanates and the area where it is received;
 - (7) The time of day or night the noise occurs;
 - (8) The duration of the noise; and
 - (9) Whether the noise is recurrent, intermittent, or constant.
- (*Amended 1-3-1984 by O-16100 N.S.*)

§59.5.0502 Disturbing, Excessive, Offensive Noises — Declaration of Certain Acts Constituting

The following activities, among others, are declared to cause disturbing, excessive or offensive noises in violation of this section and are unlawful, namely:

(a) Horns, Signaling Devices, etc.

Unnecessary use or operation of horns, signaling devices, or other similar devices, on automobiles, motorcycles, or any other vehicle.

(b) Radios, Television Sets, Phonographs, Loud Speaking Amplifiers and Similar Devices.

(1) Uses Restricted

The use or operation of any sound production or reproduction device, radio receiving set, musical instrument, drums, phonograph, television set, loud speakers and sound amplifier or other similar machine or device for the producing or reproducing of sound in such a manner as to disturb the peace, quiet, or comfort of any reasonable person of normal sensitivity in any area of the City is prohibited. This provision shall not apply to any participant in a licensed parade, or to any person who has been otherwise duly authorized by The City of San Diego to engage in such conduct.

(2) Prima Facie Violations

Any of the following shall constitute evidence of a prima facie violation of this section:

(A) The operation of any such sound production or reproduction device, radio receiving set, musical instrument, drum, phonograph, television set, machine, loud speaker and sound amplifier or similar machine or device between the hours of 10:00 p.m. and 8:00 a.m. in such a manner as to be plainly audible at a distance of fifty feet from the building, structure, or vehicle in which it is located.

(B) The operation of any sound amplifier, which is part of, or connected to, any radio, stereo receiver, compact disc player, cassette tape player, or other similar device when operated in

such a manner as to be plainly audible at a distance of fifty (50) feet and when operated in such a manner as to cause a person to be aware of vibration accompanying the sound at a distance of fifty (50) feet from the source.

(3) Enforcement of Prima Facie Violations

- (A) Any person who is authorized to enforce the provisions of this Article and who encounters evidence of a prima facie violation of this section is empowered to confiscate and impound as evidence, any or all of the components amplifying or transmitting the sound.
- (B) Any peace officer, as defined in Chapter 4.5 (commencing with Section 830) of the Penal Code, who encounters evidence of a prima facie violation of this section whereby the component(s) amplifying or transmitting the sound are attached to a vehicle may, in accordance with the provisions of California Vehicle Code section 22655.5, impound the vehicle, as containing evidence of a criminal offense, when the amplifying and/or transmitting component(s) cannot be readily removed from the vehicle without damaging the component(s) or vehicle.

(c) Animals

- (1) The keeping or maintenance, or the permitting to be kept or maintained upon any premises owned, occupied, or controlled by any person of any animal or animals which by any frequent or long-continued noise, shall cause annoyance or discomfort to a reasonable person of normal sensitiveness in the vicinity.
- (2) The noise from any such animal or animals that disturbs two or more residents residing in separate residences adjacent to any part of the property on which the subject animal or animals are kept or maintained, or three or more residents residing in separate residences in close proximity to the property on which the subject animal or animals are kept or maintained shall be prima facie evidence of a violation of this section.

- (d) Hospitals, Schools, Libraries, Rest Homes, Long–Term Medical or Mental Care Facilities

To make noise adjacent to a hospital, school, library, rest home, or long–term medical or mental care facility, which noise unreasonably interferes with the workings of such institutions or which disturbs or unduly annoys occupants in said institutions.

- (e) Playing of Radios on Buses and Trolleys

The operation of any radio, phonograph, or tape player on an urban transit bus or trolley so as to emit noise that is audible to any other person in the vehicle is prohibited.

- (f) Playing of Radios, Phonographs, and Other Sound Production or Reproduction Devices in Public Parks and Beach Areas and Public Parking Lots and Streets Adjacent Thereto.

The operation of any radio, phonograph, television set, or any other sound production or reproduction device in any public park or on any public beach or any public parking lot or street adjacent to such park or beach, without the prior written approval of the City Manager or the Administrator, in such a manner that such radio, phonograph, television set or sound production or reproduction device emits a sound level exceeding those found in the following table at any point ten (10) feet or more from the noise source is prohibited:

TABLE OF APPLICABLE LIMITS

Time of Day.....	Sound Level Limit
7 a.m. to 7 p.m.	65 decibels
7:01 p.m. to 6:59 a.m.	55 decibels

- (g) Leaf Blowers

- (1) A “leaf blower” means any portable, hand–held or back pack, engine powered device with a nozzle that creates a directable airstream which is capable of and intended for moving leaves and light materials.
- (2) No person shall operate a leaf blower in any residential zoned area between the hours of 7 p.m. and 8 a.m. on weekdays and 5 p.m. and 9

a.m. on weekends or on legal holidays specified in section 21.04 of this Code.

- (3) After October 9, 1991 and through June 30, 1993, no person may operate any leaf blower at a sound level in excess of 70 decibels measured at a distance of 50 feet or greater from the point of noise origin. Beginning on July 1, 1993, no person may operate any leaf blower at a sound level in excess of 65 decibels measured at a distance of 50 feet or greater from the point of noise origin.
- (4) Beginning on July 1, 1993, leaf blowers shall be equipped with functional mufflers and an approved sound limiting device required to ensure that the leaf blower is not capable of generating a sound level exceeding any limit prescribed in this section.
- (5) All litter and debris generated by leaf blower operation shall be cleaned up and disposed of in accordance with Chapter 9, Article 4, of this Code.

(Amended 9-9-1991 by O-17676 N.S.)

§59.5.0503 Burglar Alarms

- (a) Audible burglar alarms for structures or motor vehicles are prohibited unless the operation of such burglar alarms can be terminated within 20 minutes of being activated.
- (b) Notwithstanding the requirements of this provision, any member of the Police Department of The City of San Diego shall have the right to take such steps as may be reasonable and necessary to disconnect any such alarm installed in any building, dwelling, or motor vehicle at any time during the period of its activation. On or after thirty (30) days from the effective date of this article, any building, dwelling or motor vehicle upon which a burglar alarm has been installed shall prominently display the telephone number at which communication may be made with the owner of such building, dwelling, or motor vehicle.

(Amended 1-3-1984 by O-16100 N.S.)

Article 9.5: Noise Abatement and Control

Division 6: Violations And Enforcement

*(“Violations And Enforcement”
added 9-18-1973 by O-11122 N.S.)*

§59.5.0601 Violations: Misdemeanors

Any person violating any of the provisions of this article shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in an amount not exceeding one thousand dollars (\$1000.00) or be imprisoned in the City or County jail for a period not exceeding six (6) months, or by both such fine and imprisonment. Each day such violation is committed or permitted to continue shall constitute a separate offense and shall be punishable as such.

Notwithstanding the above described penalties, following the conviction of a defendant for any prima facie violations of this article, the prosecutor may bring a motion requesting the court to order the destruction of any or all of the components amplifying or transmitting the sound.
(Amended 10-30-1989 by O-17380 N.S.)

§59.5.0602 Violations: Additional Remedies: Injunctions

As an additional remedy, the operation or maintenance of any activity, device, instrument, vehicle or machinery in violation of any provision of this article, which operation or maintenance causes discomfort or annoyance to reasonable persons of normal sensitiveness or which endangers the comfort, repose, health, or peace of residents in the area, shall be deemed, and is declared to be, a public nuisance, and may be subject to abatement summarily by a restraining order or injunction issued by a court of competent jurisdiction.
(Amended 9-22-1976 by O-11916 N.S.)

§59.5.0604 Manner of Enforcement

Violations of this article shall be prosecuted in the same manner as other misdemeanor violations of the San Diego Municipal Code; however, nothing in this article shall prevent the Administrator, in his enforcement of the provisions of this article for which he is responsible, from making efforts to obtain voluntary compliance by way of warning, notice, or educational means.
(“Manner of Enforcement” added 9-18-1973 by O-11122 N.S.)

§59.5.0605 Display of Permits and Other Notices

Any permit or certificate required herein shall be displayed or maintained on the premises designated on the permit.

(“Display of Permits and Other Notices” added 9-18-1973 by O-11122 N.S.)

§59.5.0606 False and Misleading Statement: Unlawful Reproduction or Alteration of Documents

(a) No person shall knowingly make a false or misleading statement or submit a false or misleading document to the Administrator as to any matter within his jurisdiction.

(b) No person shall make, reproduce, alter, or cause to be made, reproduced, or altered, a permit, certificate, or other document issued by the Administrator or required by this article.

(Amended 9-22-1976 by O-11916 N.S.)

§59.5.0607 Severability

If any provision, clause, sentence, or paragraph of this article or the application thereof to any person or circumstances shall be held invalid, such invalidity shall not affect the other provisions or applications of the provisions of this article which can be given effect without the invalid provision or application, and to this end the provisions of this article are hereby declared to be severable.

(“Severability” added 9-22-1976 by O-11916 N.S.)

Article 9.5: Noise Abatement and Control

Division 8: Sound Trucks — Loud Speakers — Sound Amplifiers

*(“Sound Trucks — Loud Speakers — Sound Amplifiers”
added 2–23–1987 by O–16813 N.S.)*

§59.5.0801 Sound Trucks — Loud Speakers — Sound Amplifiers Defined

- (a) “Sound Truck” — shall mean any motor vehicle, or any other vehicle regardless of motive power, whether in motion or stationary, having mounted thereon or attached thereto, any sound amplifying equipment.
- (b) “Sound Amplifying Equipment” — the words, “sound amplifying equipment” as used herein shall mean any machine or device for the amplification of the human voice, music or any other sound. “Sound amplifying equipment” as used herein shall not be construed as including standard automobile radios when used and heard only by occupants of the vehicle in which installed or warning devices on authorized emergency vehicles or horns or other warning devices on other vehicles used only for traffic safety purposes.

(“Sound Trucks — Loud Speakers — Sound Amplifiers Defined” added 2–23–1987 by O–16813 N.S.)

§59.5.0802 Noncommercial Use of Sound Trucks — Registration Required

It shall be unlawful for any person to use or cause to be used a sound truck with its sound amplifying equipment in operation for noncommercial purposes in the City of San Diego before filing a registration statement with the Director of the Communications Division of the General Services Department. This registration statement shall be filed in duplicate and shall state the following:

- (a) Name and home address of the applicant;
- (b) Address of place of business of applicant;
- (c) License number and body style, make and year of the sound truck to be used by applicant;
- (d) Name and address of person who owns the sound truck;
- (e) Name and address of person having direct charge of the sound truck;

- (f) Names and addresses of all persons who will use or operate the sound truck;
- (g) The purpose for which the sound truck will be used;
- (h) A general statement as to the section or sections of the City in which the sound truck will be used;
- (i) The proposed hours of operation of the sound truck;
- (j) The number of days of proposed operation of the sound truck;
- (k) A general description of the sound amplifier and of each accessory unit to be used with it.

("Noncommercial Use of Sound Trucks — Registration Required" added 2-23-1987 by O-16813 N.S.)

§59.5.0803 Endorsement of Registration Statement of Noncommercial Sound Trucks

All persons using or causing to be used sound trucks for noncommercial purposes shall submit their sound trucks together with the sound amplifying and sound reproducing equipment which they intend to use to an inspection to be given by or under the direction of the Director of the Communication Division of the General Services Department of the City of San Diego. The Deputy Director shall test said equipment in the course of his inspection and shall endorse the original registration statement of the person applying for a permit, together with the copies of said statement, if said equipment may be calibrated and/or controlled so as to comply with the regulations provided in this Division. Said endorsement shall designate the calibration or points at which the controls of the sound amplifying and reproducing equipment may be set in order to maintain the maximum sound level permissible under the regulatory provisions of this Division.

("Endorsement of Registration Statement of Noncommercial Sound Trucks" added 2-23-1987 by O-16813 N.S.)

§59.5.0804 Registration Statement Amendment

Any person using, or causing to be used, sound trucks for noncommercial purposes shall amend any registration statement filed pursuant to Section 59.5.0802 within forty-eight (48) hours after any change in the information therein furnished.

("Registration Statement Amendment" added 2-23-1987 by O-16813 N.S.)

§59.5.0805 Registration and Identification

The Director of the Communications Division of the General Services Department shall return to each applicant under Section 59.5.0802 one copy of said registration statement duly certified by the Director of the Communications Division of the General Services Department as a correct copy of said application. Said certified copy of the application, as endorsed, shall be in the possession of any person operating the sound truck at all times while the sound truck's sound amplifying equipment is in operation and said copy shall be promptly displayed and shown to any officer of the City of San Diego, upon request.

("Registration and Identification" added 2-23-1987 by O-16813 N.S.)

§59.5.0806 Regulations for Use

Noncommercial use of sound trucks in the City of San Diego with sound amplifying equipment in operation shall be subject to the following regulations:

- (a) The only sounds permitted are music or human speech.
- (b) Operations are permitted between the hours of 8:00 a.m. and 9:00 p.m. at and during public events and affairs of interest to the general public.
- (c) Sound amplifying equipment shall not be operated unless the sound truck upon which such equipment is mounted is operated at a speed of at least ten (10) miles per hour except when said truck is stopped or impeded by traffic. Where stopped by traffic the said sound amplifying equipment shall not be operated for longer than one minute at each stop.
- (d) Sound shall not be issued within one hundred (100) yards of hospitals, schools, churches, or courthouses.
- (e) No sound truck with its amplifying device in operation shall be operated within the Central Traffic District of the City of San Diego as said Central Traffic District is defined in Chapter 8.
- (f) The human speech and music amplified shall not be obscene, lewd, indecent or slanderous.
- (g) The volume of sound shall be controlled so that said volume is not unreasonably loud, raucous, jarring, disturbing or a nuisance to persons within the area of audibility and so that the volume of sound shall not exceed an "A"

weighted sound level of 65 decibels on the “slow” scale at a distance of 50 feet from the sound amplifying equipment as measured by a sound level meter which meets “American National Standard” ANSI S1.4–1983 or its successor.

- (h) No sound amplifying equipment shall be operated unless the axis of the center of any sound reproducing equipment used shall be parallel to the direction of travel of the sound truck; provided, however, that any sound reproducing equipment may be so placed upon said sound truck as to not vary more than 15 (degrees) either side of the axis of the center of the direction of travel.
- (i) No sound truck with its amplifying device in operation shall be driven on the same street past the same point more than twice in a period of one hour.
- (j) It shall be unlawful to operate a noncommercial sound truck in violation of these regulations.

(“Regulations for Use” added 2–23–1987 by O–16813 N.S.)

§59.5.0807 Commercial Use Sound Truck Regulated — License Required

It shall be unlawful for any person to operate or cause to be operated any sound truck in the City of San Diego for commercial advertising purposes with sound amplifying equipment in operation unless an application has been made to the Director of the Communications Division of the General Services Department and said application has been approved and endorsed. The Director shall inspect and test said sound truck together with its sound amplifying and sound reproducing equipment to operate and conform to the regulatory provisions provided in Section 59.5.0806.

Said sound trucks shall be inspected on an annual basis to insure that their operation remains in conformity to the regulatory provisions contained in Section 59.5.0806. In the event said sound truck is found in violation of any regulatory provision contained in Section 59.5.0806, said violation shall be cause for revocation of such license.

(“Commercial Use Sound Truck Regulated — License Required” added 2–23–1987 by O–16813 N.S.)

§59.5.0808 Application for License

Persons applying for the license required under Section 59.5.0807, shall file with the Director of the Communications Division of the General Services Department an application in writing, giving in said application the information required in the registration statement required in Section 59.5.0802 and deposit the fee prescribed therefor in the City Composite Rate Schedule.

(“Application for License” added 2–23–1987 by O–16813 N.S.)

§59.5.0809 Issuance of License

A license shall be issued under Section 59.5.0807 upon payment of the required permit fee, unless the application required in Section 59.5.0808 hereof has been denied by the Director of the Communications Division of the General Services Department as indicated by writing or stamping with his signature “DENIED” on a copy of the license application.

(“Issuance of License” added 2–23–1987 by O–16813 N.S.)

§59.5.0810 Possession and Display of License

A licensee shall keep such license in his possession in the sound truck during the time the sound truck’s sound amplifying equipment is in operation. The license shall be promptly displayed and shown to any officer of the City of San Diego, upon request.

(“Possession and Display of License” added 2–23–1987 by O–16813 N.S.)

§59.5.0811 Regulations for Use

It shall be unlawful for any person to operate or cause to be operated any sound truck for commercial sound advertising purposes in violation of the regulations set forth in Section 59.5.0806.

(“Regulations for Use” added 2–23–1987 by O–16813 N.S.)