

APPENDIX O

Noise Methodology and Modeling

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1.0 Fundamentals of Noise and Vibration

1.1 Fundamentals of Noise

Sound levels are described in units called the decibel (dB). Decibels are measured on a logarithmic scale that quantifies sound intensity in a manner similar to the Richter scale used for earthquake magnitudes. Thus, a doubling of the energy of a noise source, such as doubling of traffic volume, would increase the noise level by 3 dB; a halving of the energy would result in a 3 dB decrease.

In technical terms, sound levels are described as either a “sound power level” or a “sound pressure level,” which while commonly confused are two distinct characteristics of sound. Both share the same unit of measure, the dB. However, sound power, expressed as L_{pw} , is the energy converted into sound by the source. The L_{pw} is used to estimate how far a noise will travel and to predict the sound levels at various distances from the source. As sound energy travels through the air, it creates a sound wave that exerts pressure on receivers such as an ear drum or microphone and is the sound pressure level. Noise measurement instruments only measure sound pressure, and noise level limits used in standards are generally sound pressure levels.

The human ear is not equally sensitive to all frequencies within the sound spectrum. To accommodate this phenomenon, the A-scale, which approximates the frequency response of the average young ear when listening to most ordinary everyday sounds, was devised. When people make relative judgments of the loudness or annoyance of a sound, their judgments correlate well with the A-scale sound levels of those sounds. Therefore, the “A-weighted” noise scale is used for measurements and standards involving the human perception of noise. Noise levels using A-weighted measurements are designated with the notation dB(A).

The impact of noise is not a function of loudness alone. The time of day when noise occurs and the duration of the noise are also important. In addition, most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors has been developed. The noise descriptors used for this study are the one-hour equivalent noise level (L_{eq}), the community noise equivalent level (CNEL), and the day-night equivalent level (L_{dn}).

- The L_{eq} is the level of a steady sound that, in a stated time period and at a stated location, has the same A-weighted sound energy as the time-varying sound.
- The **CNEL** is a 24-hour equivalent sound level. The CNEL calculation applies an additional 5 dB(A) penalty to noise occurring during evening hours, between 7:00 p.m. and 10:00 p.m., and an additional 10 dB(A) penalty is added to noise occurring during the night, between 10:00 p.m. and 7:00 a.m. These increases for certain times are intended to account for the added sensitivity of humans to noise during the evening and night.
- The L_{dn} is also a 24-hour equivalent sound level that applies an additional 10 dB(A) to the sound levels occurring between 10:00 p.m. and 7:00 a.m. CNEL and L_{dn} noise

levels usually agree within one decibel for the same noise. For all practical purposes, CNEL and L_{dn} can be considered synonymous.

Sound from a small, localized source (approximating a “point” source) radiates uniformly outward as it travels away from the source in a spherical pattern, known as geometric spreading. The sound level decreases or drops off at a rate of 6 dB(A) for each doubling of the distance.

Traffic noise is not a single, stationary point source of sound. The movement of vehicles makes the source of the sound appear to emanate from a line (line source) rather than a point when viewed over some time interval. The drop-off rate for a line source is 3 dB(A) for each doubling of distance.

The propagation of noise is also affected by the intervening ground, known as ground absorption. A hard site (such as parking lots or smooth bodies of water) receives no additional ground attenuation, and the changes in noise levels with distance (drop-off rate) are simply the geometric spreading of the source. A soft site (such as soft dirt, grass, or scattered bushes and trees) receives an additional ground attenuation value of 1.5 dB(A) per doubling of distance. Thus, a point source over a soft site would attenuate at 7.5 dB(A) per doubling of distance.

Human perception of noise has no simple correlation with acoustical energy. A change in noise levels is generally perceived as follows: 3 dB(A) barely perceptible, 5 dB(A) readily perceptible, and 10 dB(A) perceived as a doubling or halving of noise (Caltrans 2013a).

1.2 Fundamentals of Vibration

Vibration consists of energy waves transmitted through solid material (Federal Transit Administration [FTA] 2006). Groundborne vibration propagates from the source through the ground to adjacent buildings by surface waves. Vibration may be composed of a single pulse, a series of pulses, or a continuous oscillatory motion. The frequency of a vibrating object describes how rapidly it is oscillating, measured in hertz (Hz). The normal frequency range of most groundborne vibration that can be felt generally starts from a low frequency of less than 1 Hz to a high of about 200 Hz (FTA 2006).

Vibration energy spreads out as it travels through the ground, causing the vibration amplitude to decrease with distance away from the source. Groundborne vibration is measured by its peak particle velocity (PPV). The PPV is normally described in inches per second (in/sec). PPV is appropriate for determining potential structure damage but does not evaluate human response to vibration. The ground motion caused by vibration may also be described in decibel notation (vibration decibels), referenced as VdB, which serves to compress the range of numbers required to describe vibration relative to human response. The general human response to different levels of groundborne vibration velocity levels is described in Table 4.10-1.

Table 4.10-1 Human Response to Different Levels of Groundborne Vibration	
Vibration Velocity Level	Human Reaction
65 VdB	Approximate threshold of perception for many people.
75 VdB	Approximate dividing line between barely perceptible and distinctly perceptible. Many people find that transportation-related vibration at this level is unacceptable.
85 VdB	Vibration acceptable only if there are an infrequent number of events per day.
SOURCE: FTA 2006.	

Groundborne vibration can be a concern for nearby residents along a transit system route or maintenance facility, causing buildings to shake and rumbling sounds to be heard. In contrast to groundborne noise, described below, groundborne vibration is not a common environmental problem. It is unusual for vibration from sources such as buses and trucks to be perceptible, even in locations close to major roads. Some common sources of groundborne vibration are trains, buses on rough roads and construction activities such as blasting, pile-driving and operating heavy earth-moving equipment.

The rumbling sound caused by the vibration of building structures is referred to as groundborne noise. Like broadband noise, groundborne noise is usually characterized with the A-weighted sound level, which is intended to represent the normal frequency response of the human ear. However, there are potential problems when characterizing low-frequency noise using A-weighting, because human hearing causes sounds dominated by low-frequency components to seem louder than broadband sounds that have the same A-weighted level. This is accounted for by setting the limits for groundborne noise lower than would be the case for broadband noise. The sound level accompanying vibration is generally 25 to 40 dB(A) lower than the vibration velocity level in VdB. Groundborne vibration levels of 65 VdB can result in groundborne noise levels up to 40 dB(A), which can disturb sleep. Groundborne vibration levels of 85 VdB can result in groundborne noise levels up to 60 dB(A), which can be annoying to daytime noise-sensitive land uses such as schools (FTA 2006).

4.10.4 Methodology

4.10.4.1 Ambient Traffic Noise

The HEU does not propose the construction of new housing or other development; rather it provides capacity for future development consistent with State Housing Element Law. Future buildout of the housing sites would increase traffic volumes on local roadways. Noise level increases would be greatest nearest the housing sites, which would represent the greatest concentration of project-related traffic. Traffic noise is primarily a function of volume, vehicle mix, speed and proximity. For purposes of this evaluation, the vehicle mix, speed and proximity are assumed to remain constant in the future. Thus, the primary factor affecting noise levels would be increased traffic volumes. Existing and future traffic volumes and speeds were obtained from the traffic impact analysis prepared for the project.

A vehicle mix of 96 percent automobiles, 3 percent medium trucks and 1 percent heavy trucks was used for modeling noise levels generated by local roadways. A vehicle mix of 93.6 percent automobiles, 4.5 percent medium trucks and 1.9 percent heavy trucks was used for modeling noise levels generated by I-5. This vehicle mix was obtained from Caltrans truck counts (Caltrans 2013b).

Direct impacts were determined by comparing existing average daily traffic volumes with the existing condition plus the project (each housing strategy) at full buildout. Cumulative impacts were determined by comparing the future “with project” and “no project (adopted General Plan)” conditions and determining the project’s contribution to the future cumulative noise levels.

4.10.4.2 On-Site Generated Noise

Stationary sources of noise include activities associated with a given land use. The noise sources associated with future development proposed under the HEU would be those typical of any residential development (vehicles arriving and leaving, children at play and landscape maintenance machinery). None of these noise sources are anticipated to violate the City’s Municipal Code or result in a substantial permanent increase in existing noise levels.

Heating, ventilation, and air conditioning (HVAC) units with exterior fans or condensers mounted on the ground or roofs have the potential to produce noise in excess of the City’s limits. Mixed use developments would also generate noise from commercial-related mechanical equipment, loading docks, deliveries, trash-hauling activities and customer and employee use of commercial facilities. Stationary noise sources such as these are considered “point sources” and attenuate over distance at a rate of 6 dB(A) for each doubling of distance.

The inverse square law was used to adjust reference on-site noise levels for distance by assuming they can be treated as point sources. The equation for this calculation is as follows:

$$H = 20 \log (R_0 \setminus R)$$

where

H = total noise attenuation due to distance

R = distance from source

R₀ = reference distance from source

This calculated attenuation was then subtracted from the measured reference value to determine the noise level at the desired distance.

4.10.4.3 Construction Noise and Vibration

a. Construction Noise

No specific construction or development is proposed under the HEU at this time, but construction would occur with future development of the housing sites. Future development could potentially result in temporary ambient noise increase due to construction activities.

Construction noise would be generated by diesel-powered construction equipment used for site preparation and grading, removal of existing structures and pavement, loading, unloading and placing materials and paving. Diesel engine-driven trucks also would bring materials to the site and remove the spoils from excavation. Table 4.10-6 summarizes typical construction equipment noise levels.

Equipment	Noise Level at 50 Feet [dB(A) L_{eq}]
Air Compressor	81
Backhoe	80
Compactor	82
Concrete Mixer	85
Crane, Derrick	88
Dozer	85
Grader	85
Jack Hammer	88
Loader	85
Paver	89
Pump	76
Roller	74
Scraper	89
Truck	88
SOURCE: FTA 2006.	

Under load conditions, diesel engine noise levels may be 85 to 90 dB(A) at a distance of 50 feet from the equipment (Federal Highway Administration [FHWA] 2006). Occasional pavement breaking would be performed, which would generate noise levels of 90 dB(A) at 50 feet from the equipment (FHWA 2006). Construction equipment noise is considered a “point source” and attenuates over distance at a rate of 6 dB(A) for each doubling of distance. Thus, a noise level of 85 dB(A) at 50 feet would be 79 dB(A) at 100 feet and 73 dB(A) at 200 feet from the source.

During excavating, grading and paving operations, equipment moves to different locations and goes through varying load cycles, and there are breaks for the operators and for non-equipment tasks. Although maximum noise levels may be 85 to 90 dB(A) at a distance of 50 feet during most construction activities, hourly average noise levels would be 82 dB(A) at 50 feet from the center of construction activity when assessing the loudest pieces of equipment working simultaneously.

b. Construction Vibration

Construction activities have the potential to result in varying degrees of temporary ground vibration, depending on the specific construction equipment used and operations involved. Representative vibration source levels were obtained from the FTA (2006) and were evaluated at the nearest structure to the project site. Vibration perception would occur at structures, as people do not perceive vibrations without vibrating structures. The ground vibration levels associated with various types of construction equipment are summarized in Table 4.10-7.

Table 4.10-7 Representative Vibration Source Levels for Construction Equipment	
Equipment	PPV at 25 feet (in/sec)
Pile Drive (impacts)	Upper range – 1.518 Typical – 0.644
Pile Driver (sonic)	Upper range – 0.734 Typical – 0.170
Large Bulldozer	0.089
Loaded Trucks	0.076
Jackhammer	0.035
Small Bulldozer	0.003
SOURCE: FTA 2006.	

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Noise Measurement Data

MEASUREMENT 1 Leq = 70.5

Record #	Date	Time	LAeq		LApeak	LASmax	LASmin
4	2015/07/30	12:37:21	64.8	3047935.3	80.7	67.4	59.3
5	2015/07/30	12:37:26	66.8	4780371.7	81.1	68.0	65.1
6	2015/07/30	12:37:31	68.2	6565635.4	82.8	69.3	64.0
7	2015/07/30	12:37:36	66.2	4154099.2	81.1	69.4	62.3
8	2015/07/30	12:37:41	63.1	2037525.3	78.4	64.5	60.8
9	2015/07/30	12:37:46	75.5	35276612.7	93.1	78.1	64.3
10	2015/07/30	12:37:51	65.5	3581902.6	83.0	75.6	63.3
11	2015/07/30	12:37:56	58.6	724288.7	75.2	63.3	56.8
12	2015/07/30	12:38:01	64.8	3025795.3	78.9	66.5	56.8
13	2015/07/30	12:38:06	64.1	2588043.1	78.6	65.4	63.0
14	2015/07/30	12:38:11	66.7	4726993.0	80.1	67.8	65.1
15	2015/07/30	12:38:16	65.4	3429519.7	79.8	67.9	62.1
16	2015/07/30	12:38:21	59.5	883559.2	75.3	62.1	58.6
17	2015/07/30	12:38:26	57.6	571144.9	71.6	59.9	55.8
18	2015/07/30	12:38:31	66.4	4374356.3	86.1	70.6	54.8
19	2015/07/30	12:38:36	71.2	13272019.5	86.5	73.4	66.4
20	2015/07/30	12:38:41	60.7	1179498.1	75.7	66.3	60.0
21	2015/07/30	12:38:46	64.8	3027922.2	80.5	67.0	62.1
22	2015/07/30	12:38:51	63.1	2054816.9	78.7	67.0	59.7
23	2015/07/30	12:38:56	57.7	584655.3	73.5	59.7	56.4
24	2015/07/30	12:39:01	66.4	4330856.5	79.6	67.1	59.7
25	2015/07/30	12:39:06	69.5	8890897.8	82.9	70.5	66.9
26	2015/07/30	12:39:11	69.9	9873826.1	83.0	71.0	68.0
27	2015/07/30	12:39:16	68.1	6491113.2	81.8	68.6	67.6
28	2015/07/30	12:39:21	68.0	6356321.7	82.9	71.0	64.2
29	2015/07/30	12:39:26	60.3	1073649.3	74.1	64.1	58.9
30	2015/07/30	12:39:31	57.7	588568.7	73.2	58.9	57.0
31	2015/07/30	12:39:36	57.9	609564.5	71.1	58.6	56.9
32	2015/07/30	12:39:41	61.0	1273053.3	77.3	62.4	58.5
33	2015/07/30	12:39:46	70.2	10569673.8	84.7	71.9	62.4
34	2015/07/30	12:39:51	67.7	5854744.3	83.2	71.8	65.3
35	2015/07/30	12:39:56	66.9	4843823.3	80.9	68.3	64.6
36	2015/07/30	12:40:01	68.8	7653848.3	81.7	69.6	65.7
37	2015/07/30	12:40:06	69.9	9769337.5	84.9	71.2	68.2
38	2015/07/30	12:40:11	71.5	14123316.0	85.3	72.6	69.4
39	2015/07/30	12:40:16	63.4	2193272.9	77.9	69.4	60.7
40	2015/07/30	12:40:21	61.6	1447247.1	75.6	63.0	59.4
41	2015/07/30	12:40:26	67.3	5406291.7	81.7	68.2	63.0
42	2015/07/30	12:40:31	64.4	2726141.5	79.8	68.2	60.2
43	2015/07/30	12:40:36	66.5	4440688.0	82.4	68.8	59.9
44	2015/07/30	12:40:41	60.9	1219820.9	78.2	65.8	59.0
45	2015/07/30	12:40:46	69.0	7909626.5	86.0	71.2	64.0
46	2015/07/30	12:40:51	57.4	553017.3	71.5	64.9	55.9
47	2015/07/30	12:40:56	64.9	3081963.7	80.6	67.9	55.7
48	2015/07/30	12:41:01	66.2	4172779.3	81.7	68.6	62.4
49	2015/07/30	12:41:06	56.3	422607.6	70.7	62.4	54.8
50	2015/07/30	12:41:11	58.4	694479.1	74.3	61.4	53.8
51	2015/07/30	12:41:16	67.5	5616176.7	82.3	68.4	61.4
52	2015/07/30	12:41:21	69.4	8809321.8	85.7	72.6	65.9
53	2015/07/30	12:41:26	67.6	5723547.0	85.3	73.0	61.9
54	2015/07/30	12:41:31	69.0	7964689.0	83.1	71.0	61.8
55	2015/07/30	12:41:36	67.4	5533579.2	82.9	71.5	64.1
56	2015/07/30	12:41:41	68.4	6857063.2	84.3	70.1	63.5
57	2015/07/30	12:41:46	63.4	2170751.1	82.1	68.9	60.7
58	2015/07/30	12:41:51	57.6	573836.7	70.1	60.7	56.5
59	2015/07/30	12:41:56	55.1	321703.2	68.7	56.5	54.9
60	2015/07/30	12:42:01	58.7	741395.7	73.0	60.1	54.9
61	2015/07/30	12:42:06	63.1	2042702.3	79.9	66.3	59.9
62	2015/07/30	12:42:11	72.5	17767118.7	89.4	73.6	66.3
63	2015/07/30	12:42:16	71.4	13838665.4	86.5	71.9	71.0
64	2015/07/30	12:42:21	73.0	20094487.5	87.4	74.1	71.6
65	2015/07/30	12:42:26	70.1	10244941.7	84.5	72.3	68.5
66	2015/07/30	12:42:31	69.9	9678511.3	93.6	72.2	67.7
67	2015/07/30	12:42:36	74.7	29777145.1	95.8	76.7	71.9
68	2015/07/30	12:42:41	71.2	13100141.9	86.7	73.5	69.1
69	2015/07/30	12:42:46	81.1	127491195.7	101.2	82.9	73.5
70	2015/07/30	12:42:51	72.3	16959402.7	87.7	79.1	70.1
71	2015/07/30	12:42:56	66.6	4586009.4	80.3	70.1	65.3
72	2015/07/30	12:43:01	66.1	4036749.5	82.8	67.3	64.2
73	2015/07/30	12:43:06	58.8	766734.0	80.5	64.2	58.0
74	2015/07/30	12:43:11	58.7	745676.7	73.0	60.0	57.1
75	2015/07/30	12:43:16	60.5	1129923.6	73.2	61.2	59.5
76	2015/07/30	12:43:21	64.4	2755250.8	81.2	67.4	58.9
77	2015/07/30	12:43:26	66.5	4483463.3	83.2	69.0	63.3
78	2015/07/30	12:43:31	66.6	4545480.5	85.0	69.5	63.9
79	2015/07/30	12:43:36	63.8	2415913.8	77.0	64.5	63.2
80	2015/07/30	12:43:41	62.6	1821155.3	76.4	64.6	59.6
81	2015/07/30	12:43:46	60.3	1059871.7	75.6	62.6	58.0
82	2015/07/30	12:43:51	62.5	1788725.3	76.4	64.1	60.3
83	2015/07/30	12:43:56	68.1	6427602.5	82.2	69.7	60.3
84	2015/07/30	12:44:01	68.1	6407692.5	82.6	69.3	67.2
85	2015/07/30	12:44:06	62.8	1927185.7	77.9	68.6	61.5
86	2015/07/30	12:44:11	61.1	1285450.4	75.2	62.9	59.2
87	2015/07/30	12:44:16	67.3	5388333.5	81.8	69.0	59.3
88	2015/07/30	12:44:21	64.0	2521046.2	79.5	69.0	61.9
89	2015/07/30	12:44:26	68.4	6843957.6	83.5	70.2	62.1
90	2015/07/30	12:44:31	56.9	485335.5	72.7	66.5	54.4
91	2015/07/30	12:44:36	64.8	2985975.3	82.0	68.4	53.3
92	2015/07/30	12:44:41	70.3	10606353.6	84.3	71.0	68.5
93	2015/07/30	12:44:46	68.6	7213472.5	81.7	69.9	67.7

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94	2015/07/30	12:44:51	68.6	7246788.2	82.4	69.1	68.1
95	2015/07/30	12:44:56	68.4	6948738.6	81.8	69.1	67.9
96	2015/07/30	12:45:01	68.3	6834201.9	82.5	69.6	67.3
97	2015/07/30	12:45:06	66.7	4640330.6	80.7	67.9	65.1
98	2015/07/30	12:45:11	62.5	1773895.7	76.9	65.0	60.8
99	2015/07/30	12:45:16	62.7	1877509.2	76.7	63.7	60.8
100	2015/07/30	12:45:21	62.9	1964310.9	78.0	63.7	62.2
101	2015/07/30	12:45:26	65.9	3916194.3	79.4	66.5	63.7
102	2015/07/30	12:45:31	59.7	925447.3	74.7	64.7	55.9
103	2015/07/30	12:45:36	55.2	329617.0	69.8	56.5	54.1
104	2015/07/30	12:45:41	62.2	1652497.4	76.3	64.5	56.5
105	2015/07/30	12:45:46	65.6	3632521.0	78.5	66.0	64.5
106	2015/07/30	12:45:51	63.2	2101641.3	77.7	66.0	62.1
107	2015/07/30	12:45:56	65.2	3287128.7	80.3	67.0	62.4
108	2015/07/30	12:46:01	61.8	1516739.1	76.2	67.0	59.8
109	2015/07/30	12:46:06	62.6	1840148.6	77.4	63.4	59.5
110	2015/07/30	12:46:11	64.9	3072686.9	79.2	65.9	62.9
111	2015/07/30	12:46:16	62.6	1814414.1	78.4	64.7	60.6
112	2015/07/30	12:46:21	65.2	3283965.8	80.4	66.1	64.2
113	2015/07/30	12:46:26	64.3	2695269.9	87.1	65.5	63.7
114	2015/07/30	12:46:31	58.7	741230.9	73.3	63.7	57.4
115	2015/07/30	12:46:36	63.6	2294941.2	77.2	64.9	57.5
116	2015/07/30	12:46:41	60.2	1042327.6	75.1	64.3	57.4
117	2015/07/30	12:46:46	55.7	368552.8	73.6	58.1	53.8
118	2015/07/30	12:46:51	68.6	7218669.9	83.1	70.0	58.1
119	2015/07/30	12:46:56	70.0	10039216.7	84.1	71.0	67.2
120	2015/07/30	12:47:01	67.8	5984079.8	83.1	71.3	64.1
121	2015/07/30	12:47:06	64.8	3046008.3	79.9	66.9	62.1
122	2015/07/30	12:47:11	65.7	3720960.5	81.4	68.1	63.1
123	2015/07/30	12:47:16	62.8	1891886.8	77.4	64.6	60.6
124	2015/07/30	12:47:21	64.9	3062049.9	78.6	65.7	63.7
125	2015/07/30	12:47:26	57.5	561856.0	72.7	63.7	55.3
126	2015/07/30	12:47:31	57.2	527847.7	73.1	59.6	54.5
127	2015/07/30	12:47:36	81.7	147149551.1	99.8	84.3	59.6
128	2015/07/30	12:47:41	89.1	813848979.5	109.2	93.6	83.4
129	2015/07/30	12:47:46	71.7	14820698.9	84.9	83.4	71.3
130	2015/07/30	12:47:51	65.3	3416927.1	79.8	71.2	63.4
131	2015/07/30	12:47:56	67.7	5897770.5	81.3	68.9	63.5
132	2015/07/30	12:48:01	68.7	7357284.1	81.6	69.4	67.7
133	2015/07/30	12:48:06	69.1	8151496.3	84.1	70.0	68.2
134	2015/07/30	12:48:11	68.7	7401463.9	84.9	70.4	66.0
135	2015/07/30	12:48:16	64.7	2974530.5	78.2	66.0	64.2
136	2015/07/30	12:48:21	65.5	3587967.3	79.9	67.2	64.2
137	2015/07/30	12:48:26	69.3	8533034.8	83.4	70.3	64.2
138	2015/07/30	12:48:31	66.6	4570591.2	82.2	70.3	64.5
139	2015/07/30	12:48:36	63.2	2097512.1	78.7	65.3	60.9
140	2015/07/30	12:48:41	63.8	2392093.1	79.7	65.7	60.9
141	2015/07/30	12:48:46	67.7	5953232.0	81.0	68.7	65.2
142	2015/07/30	12:48:51	70.5	11249276.0	84.7	71.6	68.6
143	2015/07/30	12:48:56	69.2	8283612.2	87.9	71.0	68.1
144	2015/07/30	12:49:01	69.0	7969923.7	83.3	70.3	68.2
145	2015/07/30	12:49:06	65.3	3391290.5	80.6	68.3	64.4
146	2015/07/30	12:49:11	65.2	3338615.7	78.9	66.2	64.3
147	2015/07/30	12:49:16	62.8	1921128.3	76.9	64.5	61.4
148	2015/07/30	12:49:21	67.1	5184685.8	80.5	68.3	62.2
149	2015/07/30	12:49:26	63.5	2232523.7	77.7	66.8	61.7
150	2015/07/30	12:49:31	67.6	5695673.0	83.0	69.7	61.7
151	2015/07/30	12:49:36	63.9	2462185.7	77.6	68.6	63.3
152	2015/07/30	12:49:41	67.5	5594218.3	82.4	68.8	64.9
153	2015/07/30	12:49:46	58.9	779212.2	77.6	67.1	55.9
154	2015/07/30	12:49:51	53.8	239753.1	68.6	56.0	53.1
155	2015/07/30	12:49:56	58.8	754928.2	72.4	59.5	54.8
156	2015/07/30	12:50:01	63.8	2391490.1	77.7	65.0	59.5
157	2015/07/30	12:50:06	66.2	4127852.6	78.7	66.7	64.9
158	2015/07/30	12:50:11	61.5	1424677.8	76.2	66.2	59.6
159	2015/07/30	12:50:16	60.0	1006818.2	73.5	60.5	59.3
160	2015/07/30	12:50:21	64.9	3111153.6	80.8	67.9	59.6
161	2015/07/30	12:50:26	68.0	6330101.5	83.8	69.8	65.6
162	2015/07/30	12:50:31	63.6	2272327.2	78.6	67.1	58.6
163	2015/07/30	12:50:36	61.2	1313755.8	76.1	63.1	57.5
164	2015/07/30	12:50:41	57.0	496291.3	72.7	62.2	54.9
165	2015/07/30	12:50:46	64.2	2629277.5	80.0	66.8	55.1
166	2015/07/30	12:50:51	59.5	885426.9	75.6	66.4	55.6
167	2015/07/30	12:50:56	52.1	163014.3	66.0	55.6	51.2
168	2015/07/30	12:51:01	57.6	570409.4	73.8	60.9	51.9
169	2015/07/30	12:51:06	69.4	8685985.9	84.3	71.1	60.9
170	2015/07/30	12:51:11	61.9	1545624.8	76.4	67.1	60.3
171	2015/07/30	12:51:16	67.2	5271540.7	80.4	67.7	61.4
172	2015/07/30	12:51:21	67.9	6236894.7	81.1	68.2	67.6
173	2015/07/30	12:51:26	65.7	3700829.7	82.2	67.7	64.4
174	2015/07/30	12:51:31	67.3	5368256.0	81.2	68.7	65.1
175	2015/07/30	12:51:36	67.3	5391439.2	82.7	69.1	65.5
176	2015/07/30	12:51:41	66.0	3964510.2	79.8	66.6	65.0
177	2015/07/30	12:51:46	67.2	5253264.0	80.7	68.4	65.7
178	2015/07/30	12:51:51	66.7	4668187.1	81.6	68.7	65.8
179	2015/07/30	12:51:56	65.5	3577136.1	79.2	66.4	64.8
180	2015/07/30	12:52:01	64.1	2585430.1	77.4	65.0	63.5
181	2015/07/30	12:52:06	61.8	1525108.6	76.1	64.7	59.1
182	2015/07/30	12:52:11	63.7	2340754.0	80.3	65.6	59.2
183	2015/07/30	12:52:16	81.0	127003879.2	98.2	83.7	65.6
184	2015/07/30	12:52:21	72.6	18066439.0	87.4	79.9	78.0

7722 Encinitas HEU
Noise Measurement Data

MEASUREMENT 2 Leq = 76.4

Record #	Date	Time	LAeq		LApeak	LASmax	LASmin
3	2015/07/30	15:41:37	74.5	28354016.9	87.9	76.0	73.4
4	2015/07/30	15:41:42	76.5	44201795.5	90.9	78.1	73.7
5	2015/07/30	15:41:47	76.4	43783233.4	90.6	77.7	76.2
6	2015/07/30	15:41:52	76.6	46130859.5	92.3	77.0	76.0
7	2015/07/30	15:41:57	76.3	42819179.0	89.3	77.0	76.0
8	2015/07/30	15:42:02	74.3	26905203.0	86.9	76.3	73.7
9	2015/07/30	15:42:07	76.2	41675266.7	89.5	77.1	73.8
10	2015/07/30	15:42:12	76.8	47896267.0	89.5	77.4	76.0
11	2015/07/30	15:42:17	75.6	36712825.5	89.8	76.2	75.0
12	2015/07/30	15:42:22	76.1	41019807.9	90.5	76.3	76.0
13	2015/07/30	15:42:27	76.8	47985370.9	90.7	77.9	76.0
14	2015/07/30	15:42:32	76.3	43041810.7	89.7	76.6	76.1
15	2015/07/30	15:42:37	76.2	41483453.9	89.4	77.2	75.0
16	2015/07/30	15:42:42	76.0	39617810.7	89.8	76.3	74.9
17	2015/07/30	15:42:47	75.6	36225096.6	88.1	75.9	75.4
18	2015/07/30	15:42:52	76.0	39838421.7	88.7	76.5	75.4
19	2015/07/30	15:42:57	75.9	38545538.8	89.3	77.0	75.0
20	2015/07/30	15:43:02	76.5	44652981.7	90.3	77.5	76.0
21	2015/07/30	15:43:07	75.2	33216561.7	87.5	76.0	74.8
22	2015/07/30	15:43:12	77.0	50094604.8	90.6	78.0	74.8
23	2015/07/30	15:43:17	76.0	39571694.1	89.8	77.7	75.9
24	2015/07/30	15:43:22	75.7	36951194.2	88.6	76.4	75.4
25	2015/07/30	15:43:27	76.9	49500789.0	90.5	77.7	75.3
26	2015/07/30	15:43:32	77.0	50213108.6	89.6	77.6	76.8
27	2015/07/30	15:43:37	78.5	70887292.6	91.6	79.8	76.3
28	2015/07/30	15:43:42	77.5	56676658.3	90.9	78.8	76.3
29	2015/07/30	15:43:47	75.7	37533924.9	89.1	76.3	75.5
30	2015/07/30	15:43:52	75.8	38082268.3	88.5	76.6	75.0
31	2015/07/30	15:43:57	75.8	37996064.6	88.9	76.5	75.5
32	2015/07/30	15:44:02	77.3	53921306.5	91.2	78.0	75.4
33	2015/07/30	15:44:07	77.5	56261108.2	91.6	78.2	76.7
34	2015/07/30	15:44:12	75.5	35828276.9	89.2	77.6	75.2
35	2015/07/30	15:44:17	76.7	46486120.5	89.8	77.6	75.4
36	2015/07/30	15:44:22	75.1	32149308.1	89.3	77.5	74.4
37	2015/07/30	15:44:27	76.2	41864730.2	89.2	77.2	74.6
38	2015/07/30	15:44:32	76.1	40867323.0	89.4	77.0	75.3
39	2015/07/30	15:44:37	76.1	40564051.6	89.4	76.7	75.6
40	2015/07/30	15:44:42	77.2	53015284.0	90.4	77.9	76.4
41	2015/07/30	15:44:47	77.1	51607051.3	90.1	77.9	76.7
42	2015/07/30	15:44:52	75.8	38323738.2	89.6	77.7	75.2
43	2015/07/30	15:44:57	75.6	36201494.6	92.4	76.0	75.1
44	2015/07/30	15:45:02	76.9	48458234.2	90.7	77.6	75.3
45	2015/07/30	15:45:07	76.0	39545147.6	88.3	76.7	75.6
46	2015/07/30	15:45:12	76.5	45003343.6	90.4	77.0	75.7
47	2015/07/30	15:45:17	77.6	57310829.5	90.4	77.8	77.0
48	2015/07/30	15:45:22	76.3	42557906.4	89.0	77.5	75.9
49	2015/07/30	15:45:27	75.9	38634346.6	89.8	76.7	75.0
50	2015/07/30	15:45:32	76.7	46956581.5	90.7	77.1	75.3
51	2015/07/30	15:45:37	76.4	44148636.7	91.0	77.1	75.6
52	2015/07/30	15:45:42	75.7	37260822.8	90.9	76.2	75.1
53	2015/07/30	15:45:47	79.3	85026438.0	93.4	80.1	76.2
54	2015/07/30	15:45:52	75.8	38369748.5	90.0	79.3	75.4
55	2015/07/30	15:45:57	76.3	42759494.5	89.5	76.6	75.5
56	2015/07/30	15:46:02	77.6	57705640.0	93.3	78.6	76.4
57	2015/07/30	15:46:07	75.5	35597964.9	88.9	76.3	75.3
58	2015/07/30	15:46:12	76.3	42399778.4	90.3	76.8	75.5
59	2015/07/30	15:46:17	76.3	42871490.1	90.3	76.8	75.6
60	2015/07/30	15:46:22	76.8	47379005.2	89.8	77.4	76.0
61	2015/07/30	15:46:27	77.8	59782902.4	91.0	78.9	76.1
62	2015/07/30	15:46:32	77.1	51322171.5	91.5	78.7	76.7
63	2015/07/30	15:46:37	78.2	65992739.1	91.5	78.5	76.7
64	2015/07/30	15:46:42	76.7	46913294.1	90.2	77.9	76.1
65	2015/07/30	15:46:47	80.1	102743740.1	96.0	80.4	77.0
66	2015/07/30	15:46:52	78.4	68442702.3	91.7	80.1	76.7
67	2015/07/30	15:46:57	76.6	45286391.1	91.0	77.2	76.2
68	2015/07/30	15:47:02	78.2	65686926.7	92.0	79.3	76.7
69	2015/07/30	15:47:07	75.6	36218160.7	87.5	76.7	75.3
70	2015/07/30	15:47:12	77.7	59153686.0	93.6	79.5	75.7
71	2015/07/30	15:47:17	76.8	48126692.6	92.5	79.8	75.8
72	2015/07/30	15:47:22	76.0	39370331.1	91.3	76.9	75.3
73	2015/07/30	15:47:27	75.8	37905727.3	88.5	76.0	75.2
74	2015/07/30	15:47:32	75.7	37181507.7	89.6	76.2	75.2
75	2015/07/30	15:47:37	77.2	52276711.2	91.3	78.6	74.6
76	2015/07/30	15:47:42	75.2	32976900.9	88.0	77.7	74.8
77	2015/07/30	15:47:47	76.1	40577949.8	89.8	76.6	75.5
78	2015/07/30	15:47:52	74.4	27704083.8	88.0	75.5	74.2
79	2015/07/30	15:47:57	74.1	25410369.9	87.4	74.6	73.5
80	2015/07/30	15:48:02	76.2	41737763.6	90.7	77.8	74.4
81	2015/07/30	15:48:07	78.7	73957061.1	91.8	79.7	77.8
82	2015/07/30	15:48:12	76.4	43795926.3	89.9	78.2	75.6
83	2015/07/30	15:48:17	75.4	34613385.5	88.7	75.9	75.0
84	2015/07/30	15:48:22	74.3	27217773.8	87.1	75.1	73.7
85	2015/07/30	15:48:27	75.6	36423423.9	89.7	76.1	74.7
86	2015/07/30	15:48:32	76.6	45707759.0	90.4	78.2	74.6
87	2015/07/30	15:48:37	73.7	23245389.2	86.4	74.7	73.4
88	2015/07/30	15:48:42	75.1	32677200.5	88.0	75.8	73.6
89	2015/07/30	15:48:47	75.2	33286951.0	89.2	76.2	74.2
90	2015/07/30	15:48:52	75.6	36709343.0	88.7	76.3	75.1
91	2015/07/30	15:48:57	75.7	37474365.1	91.6	76.3	75.0
92	2015/07/30	15:49:02	77.6	58173438.1	90.5	77.9	75.0

7722 Encinitas HEU
Noise Measurement Data

93	2015/07/30	15:49:07	77.9	62242527.4	91.2	78.6	76.9
94	2015/07/30	15:49:12	75.8	38016895.9	88.8	78.6	74.9
95	2015/07/30	15:49:17	76.9	49131809.9	90.1	78.1	75.7
96	2015/07/30	15:49:22	79.6	91709386.4	92.3	79.9	78.1
97	2015/07/30	15:49:27	77.8	60259705.9	89.8	79.9	77.2
98	2015/07/30	15:49:32	74.8	30461902.2	87.9	77.2	74.0
99	2015/07/30	15:49:37	74.4	27348524.4	88.4	75.5	73.4
100	2015/07/30	15:49:42	74.9	30550381.1	89.1	76.6	72.9
101	2015/07/30	15:49:47	77.1	51167601.1	92.2	78.3	76.0
102	2015/07/30	15:49:52	76.6	45696197.8	89.6	77.1	75.7
103	2015/07/30	15:49:57	78.7	73523614.5	93.0	79.6	77.1
104	2015/07/30	15:50:02	78.6	72927638.5	92.2	79.5	78.2
105	2015/07/30	15:50:07	76.4	43651368.5	91.5	78.3	76.1
106	2015/07/30	15:50:12	75.9	39027812.2	89.8	77.0	75.5
107	2015/07/30	15:50:17	75.6	35926788.4	88.9	76.3	74.9
108	2015/07/30	15:50:22	76.2	42134328.6	88.9	76.7	74.9
109	2015/07/30	15:50:27	75.1	32633659.0	87.7	76.6	74.7
110	2015/07/30	15:50:32	75.1	32326002.5	87.8	75.4	74.4
111	2015/07/30	15:50:37	74.5	28154187.5	87.6	75.6	74.0
112	2015/07/30	15:50:42	76.1	40676584.8	90.3	77.4	74.6
113	2015/07/30	15:50:47	75.4	34547473.3	88.8	76.6	74.5
114	2015/07/30	15:50:52	78.1	64212597.7	91.7	79.1	76.6
115	2015/07/30	15:50:57	76.3	42977889.7	91.1	77.5	75.8
116	2015/07/30	15:51:02	78.6	73122504.2	97.3	81.8	75.5
117	2015/07/30	15:51:07	81.4	137169446.2	98.6	84.7	77.5
118	2015/07/30	15:51:12	75.3	34218347.6	89.0	77.4	75.1
119	2015/07/30	15:51:17	77.3	53522949.6	89.9	77.7	75.2
120	2015/07/30	15:51:22	76.9	48472282.3	90.2	77.5	76.2
121	2015/07/30	15:51:27	76.4	43808084.1	90.0	77.3	75.4
122	2015/07/30	15:51:32	79.0	79433381.6	98.5	81.0	76.6
123	2015/07/30	15:51:37	77.8	60854914.2	96.0	81.0	76.8
124	2015/07/30	15:51:42	77.0	50644361.2	90.5	77.9	76.4
125	2015/07/30	15:51:47	76.5	44194496.9	89.9	77.5	75.2
126	2015/07/30	15:51:52	77.1	51791510.3	92.9	78.8	75.1
127	2015/07/30	15:51:57	77.2	52862021.7	93.5	79.6	75.6
128	2015/07/30	15:52:02	76.4	43462828.0	89.1	76.8	75.3
129	2015/07/30	15:52:07	78.0	63598959.7	90.4	78.5	76.8
130	2015/07/30	15:52:12	77.1	51312705.6	89.8	78.2	76.0
131	2015/07/30	15:52:17	74.9	30670189.6	89.1	76.0	74.1
132	2015/07/30	15:52:22	75.0	31341713.9	88.1	75.6	74.5
133	2015/07/30	15:52:27	74.5	28204037.2	86.9	74.7	74.2
134	2015/07/30	15:52:32	76.9	49072204.8	91.0	77.8	74.6
135	2015/07/30	15:52:37	76.8	48092379.3	92.0	78.6	75.0
136	2015/07/30	15:52:42	77.4	54453334.0	92.2	79.6	75.1
137	2015/07/30	15:52:47	75.6	36694191.3	90.3	76.9	74.1
138	2015/07/30	15:52:52	77.2	52074787.0	91.5	77.8	76.7
139	2015/07/30	15:52:57	77.4	54600657.9	91.1	78.6	75.9
140	2015/07/30	15:53:02	80.9	123155798.5	104.3	85.0	75.1
141	2015/07/30	15:53:07	79.8	94743023.7	100.3	85.1	77.0
142	2015/07/30	15:53:12	75.0	31847616.5	92.1	76.9	74.1
143	2015/07/30	15:53:17	75.7	37522124.0	89.2	76.5	74.0
144	2015/07/30	15:53:22	75.8	38248744.8	88.3	76.8	75.1
145	2015/07/30	15:53:27	74.9	31150255.2	87.8	75.7	73.6
146	2015/07/30	15:53:32	73.8	23894555.2	87.1	74.2	73.3
147	2015/07/30	15:53:37	75.3	34098273.6	89.1	75.9	73.3
148	2015/07/30	15:53:42	76.7	46320068.8	90.7	77.6	75.3
149	2015/07/30	15:53:47	74.1	25425953.7	89.7	75.4	72.2
150	2015/07/30	15:53:52	76.9	49505485.1	90.8	77.5	75.4
151	2015/07/30	15:53:57	75.5	35852391.3	88.9	77.4	75.3
152	2015/07/30	15:54:02	75.3	33798236.7	88.2	75.7	75.0
153	2015/07/30	15:54:07	75.4	34553846.4	88.8	76.3	74.7
154	2015/07/30	15:54:12	76.9	48917879.3	91.5	78.0	76.0
155	2015/07/30	15:54:17	75.6	36412036.1	88.2	76.0	75.4
156	2015/07/30	15:54:22	74.0	25300305.4	87.6	75.5	73.0
157	2015/07/30	15:54:27	72.1	16331082.9	85.5	73.0	71.8
158	2015/07/30	15:54:32	72.4	17269672.0	85.6	73.4	71.1
159	2015/07/30	15:54:37	74.8	30051092.1	89.6	75.8	73.4
160	2015/07/30	15:54:42	74.1	25563765.0	87.7	74.3	73.7
161	2015/07/30	15:54:47	74.6	28858904.8	87.9	75.0	73.9
162	2015/07/30	15:54:52	74.8	29898017.7	88.4	75.3	73.9
163	2015/07/30	15:54:57	73.7	23512426.7	86.2	75.0	73.2
164	2015/07/30	15:55:02	75.0	31684945.6	87.8	75.1	73.6
165	2015/07/30	15:55:07	73.8	24165483.9	86.0	75.0	73.4
166	2015/07/30	15:55:12	75.5	35521939.8	89.4	76.2	74.1
167	2015/07/30	15:55:17	74.6	28754000.3	87.9	75.4	74.3
168	2015/07/30	15:55:22	75.9	38640726.9	88.7	76.3	75.0
169	2015/07/30	15:55:27	74.2	26459397.8	87.4	75.4	73.7
170	2015/07/30	15:55:32	74.0	24850863.9	87.1	74.7	73.3
171	2015/07/30	15:55:37	75.2	33298121.9	87.8	75.8	74.7
172	2015/07/30	15:55:42	75.1	32414314.9	89.3	76.7	74.2
173	2015/07/30	15:55:47	74.5	28206266.9	88.7	77.0	73.5
174	2015/07/30	15:55:52	74.4	27628847.1	88.6	75.1	73.4
175	2015/07/30	15:55:57	76.3	42911349.6	89.3	77.3	75.1
176	2015/07/30	15:56:02	75.1	32155803.7	90.8	77.8	73.0
177	2015/07/30	15:56:07	74.6	28565951.5	87.0	74.9	73.0
178	2015/07/30	15:56:12	73.9	24626745.0	87.4	74.4	73.6
179	2015/07/30	15:56:17	77.5	55916637.3	91.6	78.6	74.0
180	2015/07/30	15:56:22	75.8	37661928.7	88.4	78.0	75.0
181	2015/07/30	15:56:27	74.3	26628479.9	89.5	75.1	73.6
182	2015/07/30	15:56:32	74.2	26381469.4	89.9	74.5	73.7
183	2015/07/30	15:56:37	74.1	25670871.5	87.2	74.0	73.9

7722 Encinitas HEU
Noise Measurement Data

MEASUREMENT 3 Leq = 68.5

Record #	Date	Time	LAeq		LApeak	LASmax	LASmin
2	2015/07/30	15:00:24	53.9	244016.7	77.6	56.2	53.7
3	2015/07/30	15:00:29	59.0	792912.4	72.9	60.3	54.7
4	2015/07/30	15:00:34	62.3	1704478.1	76.5	63.5	60.3
5	2015/07/30	15:00:39	69.4	8684261.9	93.1	72.2	63.5
6	2015/07/30	15:00:44	66.1	4058229.8	81.5	69.0	62.9
7	2015/07/30	15:00:49	62.8	1919772.0	76.7	63.1	62.6
8	2015/07/30	15:00:54	59.6	910624.1	74.4	62.8	58.1
9	2015/07/30	15:00:59	71.4	13753306.9	99.1	75.2	58.6
10	2015/07/30	15:01:04	72.2	16613913.9	86.3	74.7	70.9
11	2015/07/30	15:01:09	77.6	57547612.8	92.5	81.3	72.1
12	2015/07/30	15:01:14	79.8	95206686.4	94.2	83.7	75.4
13	2015/07/30	15:01:19	73.8	23835818.6	90.4	75.3	73.0
14	2015/07/30	15:01:24	70.9	12208392.3	85.6	73.5	70.1
15	2015/07/30	15:01:29	69.3	8572324.5	83.5	71.3	67.3
16	2015/07/30	15:01:34	66.4	4337633.0	81.1	68.0	64.8
17	2015/07/30	15:01:39	63.3	2132989.2	78.0	64.7	62.2
18	2015/07/30	15:01:44	67.3	5322777.4	82.7	69.5	63.9
19	2015/07/30	15:01:49	58.3	676258.7	74.1	65.2	58.0
20	2015/07/30	15:01:54	62.0	1588907.6	77.0	64.1	57.9
21	2015/07/30	15:01:59	59.0	796334.6	75.9	62.5	55.4
22	2015/07/30	15:02:04	69.0	7919581.6	85.0	71.6	62.6
23	2015/07/30	15:02:09	55.6	361768.6	72.4	64.9	54.1
24	2015/07/30	15:02:14	54.7	292224.7	69.0	56.9	53.0
25	2015/07/30	15:02:19	58.5	709252.2	76.1	60.5	55.6
26	2015/07/30	15:02:24	70.4	11013240.7	90.2	72.9	60.6
27	2015/07/30	15:02:29	71.6	14382381.7	92.5	72.5	69.1
28	2015/07/30	15:02:34	71.1	12757991.8	91.0	71.8	70.0
29	2015/07/30	15:02:39	70.6	11357555.9	88.0	71.3	69.9
30	2015/07/30	15:02:44	66.8	4805395.4	80.4	69.9	65.9
31	2015/07/30	15:02:49	66.1	4090718.8	82.0	67.8	64.9
32	2015/07/30	15:02:54	70.9	12302065.3	87.5	72.1	67.7
33	2015/07/30	15:02:59	67.6	5785414.0	85.8	69.5	65.2
34	2015/07/30	15:03:04	64.0	2536055.7	100.7	70.2	58.6
35	2015/07/30	15:03:09	54.4	274638.1	69.9	58.6	53.7
36	2015/07/30	15:03:14	70.3	10789642.4	93.5	73.7	54.7
37	2015/07/30	15:03:19	72.5	17943588.5	94.2	74.4	69.0
38	2015/07/30	15:03:24	58.5	704392.2	73.5	69.0	57.8
39	2015/07/30	15:03:29	59.8	954488.4	72.7	60.5	57.9
40	2015/07/30	15:03:34	66.6	4539288.3	83.0	68.3	60.4
41	2015/07/30	15:03:39	60.8	1196034.0	76.4	67.6	60.3
42	2015/07/30	15:03:44	68.7	7403167.4	86.0	71.2	61.0
43	2015/07/30	15:03:49	61.8	1528074.7	86.2	67.3	61.6
44	2015/07/30	15:03:54	59.7	933762.8	73.7	61.6	59.2
45	2015/07/30	15:03:59	58.1	644775.0	82.2	59.3	57.7
46	2015/07/30	15:04:04	60.5	1117729.7	75.7	61.0	57.9
47	2015/07/30	15:04:09	63.0	2016826.0	80.1	66.7	58.9
48	2015/07/30	15:04:14	66.8	4768143.4	85.6	70.5	60.3
49	2015/07/30	15:04:19	56.1	411602.1	70.0	60.2	56.2
50	2015/07/30	15:04:24	61.7	1467957.0	80.3	65.2	56.4
51	2015/07/30	15:04:29	69.9	9675196.4	86.4	71.8	65.2
52	2015/07/30	15:04:34	74.9	31056001.5	88.2	76.2	71.8
53	2015/07/30	15:04:39	75.4	34396683.6	91.0	77.2	74.1
54	2015/07/30	15:04:44	72.8	18990625.8	89.5	75.3	72.6
55	2015/07/30	15:04:49	71.8	15014095.6	88.6	73.5	70.5
56	2015/07/30	15:04:54	69.9	9760983.1	83.9	70.8	68.9
57	2015/07/30	15:04:59	68.7	7434015.3	85.1	69.4	67.9
58	2015/07/30	15:05:04	67.3	5387614.1	84.1	68.3	66.8
59	2015/07/30	15:05:09	66.0	3964266.5	79.8	67.7	64.7
60	2015/07/30	15:05:14	62.9	1943839.6	75.4	64.8	61.5
61	2015/07/30	15:05:19	58.7	746336.6	72.1	61.5	57.4
62	2015/07/30	15:05:24	63.0	1999139.3	83.3	67.3	56.1
63	2015/07/30	15:05:29	71.5	13988692.7	95.3	75.6	64.0
64	2015/07/30	15:05:34	62.5	1760490.5	77.7	64.0	61.9
65	2015/07/30	15:05:39	67.0	5055813.5	83.1	69.4	63.4
66	2015/07/30	15:05:44	56.3	421755.8	70.0	63.6	55.5
67	2015/07/30	15:05:49	58.4	697090.5	71.9	60.0	55.6
68	2015/07/30	15:05:54	60.2	1057479.1	75.3	61.3	58.8
69	2015/07/30	15:05:59	60.3	1077426.2	74.6	61.4	58.5
70	2015/07/30	15:06:04	59.3	851409.3	73.7	61.4	58.4
71	2015/07/30	15:06:09	57.0	505999.0	71.2	58.4	55.7
72	2015/07/30	15:06:14	63.1	2041676.3	80.8	67.1	55.2
73	2015/07/30	15:06:19	72.2	16417003.3	88.6	74.6	67.2
74	2015/07/30	15:06:24	71.5	13964115.4	85.2	72.1	70.3
75	2015/07/30	15:06:29	67.9	6145826.9	83.1	71.8	66.8
76	2015/07/30	15:06:34	68.1	6452594.1	81.8	69.3	66.0
77	2015/07/30	15:06:39	69.4	8768576.1	83.7	70.4	68.4
78	2015/07/30	15:06:44	66.2	4177150.5	81.0	69.2	65.3
79	2015/07/30	15:06:49	67.7	5929289.1	82.2	68.6	66.5
80	2015/07/30	15:06:54	64.9	3078473.5	80.7	66.5	63.4
81	2015/07/30	15:06:59	67.2	5292939.1	83.3	68.3	66.2
82	2015/07/30	15:07:04	65.6	3607807.4	77.7	66.5	65.2
83	2015/07/30	15:07:09	64.5	2819903.3	76.5	65.3	64.2
84	2015/07/30	15:07:14	65.4	3445843.4	78.0	65.7	64.4
85	2015/07/30	15:07:19	68.0	6253680.8	81.9	69.2	65.4
86	2015/07/30	15:07:24	68.8	7599265.8	88.5	69.7	66.2
87	2015/07/30	15:07:29	67.3	5388768.9	80.5	69.5	65.3
88	2015/07/30	15:07:34	63.2	2091955.5	80.4	65.9	60.6
89	2015/07/30	15:07:39	64.4	2747319.4	79.0	66.3	61.9
90	2015/07/30	15:07:44	55.9	385507.9	70.0	61.9	55.1
91	2015/07/30	15:07:49	65.9	3901369.1	87.7	68.8	56.5

7722 Encinitas HEU
Noise Measurement Data

92	2015/07/30	15:07:54	68.4	6855557.6	84.0	70.7	64.2
93	2015/07/30	15:07:59	71.5	14007111.0	88.7	72.8	67.6
94	2015/07/30	15:08:04	66.0	4023997.9	81.7	72.6	63.3
95	2015/07/30	15:08:09	59.8	950100.3	74.0	63.3	59.1
96	2015/07/30	15:08:14	65.2	3307053.5	80.3	67.0	60.7
97	2015/07/30	15:08:19	68.4	6904167.6	82.5	69.6	65.2
98	2015/07/30	15:08:24	65.6	3635521.5	80.3	69.3	63.6
99	2015/07/30	15:08:29	61.4	1373687.5	78.6	66.7	60.0
100	2015/07/30	15:08:34	68.1	6452378.7	83.8	69.8	62.4
101	2015/07/30	15:08:39	61.9	1544902.7	74.9	65.1	61.4
102	2015/07/30	15:08:44	61.1	1274311.9	75.2	62.5	60.1
103	2015/07/30	15:08:49	61.6	1453688.6	79.6	62.8	60.7
104	2015/07/30	15:08:54	68.4	6989237.2	85.2	71.1	60.5
105	2015/07/30	15:08:59	70.3	10775057.2	87.0	73.3	64.9
106	2015/07/30	15:09:04	71.1	12934147.9	85.0	73.1	69.8
107	2015/07/30	15:09:09	68.6	7251028.8	87.1	70.4	67.8
108	2015/07/30	15:09:14	68.2	6615408.1	81.9	70.1	66.3
109	2015/07/30	15:09:19	66.1	4044188.2	80.0	67.2	65.1
110	2015/07/30	15:09:24	61.7	1486137.1	76.2	65.6	60.1
111	2015/07/30	15:09:29	65.8	3777961.6	83.3	69.0	59.5
112	2015/07/30	15:09:34	71.5	14254025.5	89.3	75.2	64.8
113	2015/07/30	15:09:39	61.3	1350718.6	77.2	64.8	61.0
114	2015/07/30	15:09:44	63.8	2410102.1	82.3	64.6	61.7
115	2015/07/30	15:09:49	61.8	1510469.2	79.2	64.0	60.0
116	2015/07/30	15:09:54	69.9	9720684.3	87.3	73.7	59.2
117	2015/07/30	15:09:59	73.0	19769483.9	90.4	76.5	67.4
118	2015/07/30	15:10:04	73.0	20059147.4	89.8	76.3	70.2
119	2015/07/30	15:10:09	73.5	22172726.1	92.3	76.3	70.1
120	2015/07/30	15:10:14	71.0	12623181.4	86.4	72.5	68.1
121	2015/07/30	15:10:19	71.0	12708802.0	88.4	72.5	69.9
122	2015/07/30	15:10:24	72.0	16014815.6	84.7	72.6	70.1
123	2015/07/30	15:10:29	69.3	8416508.9	82.4	72.0	68.3
124	2015/07/30	15:10:34	62.7	1842506.8	77.7	68.3	61.1
125	2015/07/30	15:10:39	56.0	402329.1	71.7	61.1	52.8
126	2015/07/30	15:10:44	51.2	131028.1	77.4	52.7	50.7
127	2015/07/30	15:10:49	58.9	778876.9	78.3	62.8	50.7
128	2015/07/30	15:10:54	66.0	3974740.5	79.6	66.6	62.9
129	2015/07/30	15:10:59	68.3	6686234.1	88.2	69.2	66.4
130	2015/07/30	15:11:04	66.6	4601899.9	85.2	68.2	63.6
131	2015/07/30	15:11:09	68.4	6847060.3	82.8	69.4	67.7
132	2015/07/30	15:11:14	68.3	6803045.9	84.6	70.0	67.2
133	2015/07/30	15:11:19	65.5	3554747.2	78.3	68.0	62.3
134	2015/07/30	15:11:24	57.0	502105.9	72.0	62.3	55.8
135	2015/07/30	15:11:29	56.6	455236.1	69.9	57.5	55.5
136	2015/07/30	15:11:34	59.7	926254.0	74.6	61.6	57.5
137	2015/07/30	15:11:39	63.7	2328135.3	81.8	65.7	61.1
138	2015/07/30	15:11:44	59.0	789179.8	72.4	61.1	58.2
139	2015/07/30	15:11:49	57.7	582762.9	71.4	59.0	55.9
140	2015/07/30	15:11:54	57.8	596685.9	74.6	60.0	55.4
141	2015/07/30	15:11:59	71.0	12510525.2	85.4	72.1	60.0
142	2015/07/30	15:12:04	72.0	15763686.0	85.8	73.1	70.6
143	2015/07/30	15:12:09	70.1	10345971.3	92.1	71.8	69.0
144	2015/07/30	15:12:14	73.0	19747373.4	92.5	73.5	69.4
145	2015/07/30	15:12:19	69.0	7859278.7	83.9	72.9	68.9
146	2015/07/30	15:12:24	69.6	9136590.3	85.8	70.6	68.7
147	2015/07/30	15:12:29	68.9	7840951.1	82.0	71.0	68.0
148	2015/07/30	15:12:34	64.7	2970624.4	80.5	68.0	63.4
149	2015/07/30	15:12:39	66.6	4611230.5	82.2	68.7	64.1
150	2015/07/30	15:12:44	65.2	3284565.8	81.0	65.8	64.2
151	2015/07/30	15:12:49	65.3	3360629.2	82.6	67.4	63.4
152	2015/07/30	15:12:54	66.2	4185649.4	83.2	67.8	65.4
153	2015/07/30	15:12:59	68.4	6936591.0	81.1	69.0	66.1
154	2015/07/30	15:13:04	68.3	6781853.7	84.2	69.4	67.2
155	2015/07/30	15:13:09	68.0	6317503.7	81.1	68.7	67.7
156	2015/07/30	15:13:14	68.2	6557773.9	81.2	68.5	67.7
157	2015/07/30	15:13:19	63.9	2441611.8	80.1	68.0	62.9
158	2015/07/30	15:13:24	65.0	3186882.8	81.0	67.6	61.4
159	2015/07/30	15:13:29	66.1	4040985.3	81.0	67.7	61.0
160	2015/07/30	15:13:34	68.4	6856545.3	82.8	68.8	65.5
161	2015/07/30	15:13:39	67.5	5627949.5	82.0	68.5	66.2
162	2015/07/30	15:13:44	64.1	2586793.1	89.0	68.8	57.3
163	2015/07/30	15:13:49	52.1	161224.8	66.1	57.2	52.3
164	2015/07/30	15:13:54	54.5	279923.3	67.4	55.4	52.6
165	2015/07/30	15:13:59	57.4	554294.9	70.9	58.4	54.9
166	2015/07/30	15:14:04	56.3	428256.9	76.0	58.5	55.6
167	2015/07/30	15:14:09	55.7	373430.6	71.1	56.4	55.3
168	2015/07/30	15:14:14	59.8	950344.0	75.2	60.6	55.4
169	2015/07/30	15:14:19	59.9	980633.2	77.2	60.7	59.4
170	2015/07/30	15:14:24	58.4	686392.1	82.6	59.8	57.6
171	2015/07/30	15:14:29	70.1	10172256.4	86.0	73.0	57.8
172	2015/07/30	15:14:34	73.4	21669315.1	87.6	74.3	72.6
173	2015/07/30	15:14:39	71.6	14296130.6	86.7	73.0	69.8
174	2015/07/30	15:14:44	76.3	42538846.1	92.4	78.7	72.8
175	2015/07/30	15:14:49	70.1	10316569.5	87.1	72.9	69.9
176	2015/07/30	15:14:54	69.4	8649593.5	82.0	69.9	69.0
177	2015/07/30	15:14:59	67.3	5411033.0	81.3	69.3	65.9
178	2015/07/30	15:15:04	64.6	2864952.7	77.8	66.3	63.7
179	2015/07/30	15:15:09	64.4	2727612.2	77.8	65.5	62.8
180	2015/07/30	15:15:14	67.5	5672716.1	85.3	70.6	62.3
181	2015/07/30	15:15:19	72.1	16101759.0	88.6	73.9	68.5
182	2015/07/30	15:15:24	68.9	7851247.3	83.1	69.3	68.1

7722 Encinitas HEU
Noise Measurement Data

MEASUREMENT 4 Leq = 58.5

Record #	Date	Time	LAeq		LApeak	LASmax	LASmin
2	2015/07/30	13:30:06	54.4	273437.0	70.5	57.2	47.9
3	2015/07/30	13:30:11	63.1	2041245.9	78.9	64.3	57.2
4	2015/07/30	13:30:16	60.6	1156734.2	75.0	63.9	57.8
5	2015/07/30	13:30:21	63.4	2206172.0	78.4	64.7	57.2
6	2015/07/30	13:30:26	61.9	1551113.9	76.8	64.7	61.2
7	2015/07/30	13:30:31	60.4	1104316.3	75.8	61.7	59.9
8	2015/07/30	13:30:36	61.1	1302826.2	77.7	62.5	59.6
9	2015/07/30	13:30:41	60.9	1223672.4	77.1	63.0	56.9
10	2015/07/30	13:30:46	59.7	929481.5	76.2	63.6	54.9
11	2015/07/30	13:30:51	47.3	54311.4	69.7	54.9	46.5
12	2015/07/30	13:30:56	50.0	99406.8	68.0	53.2	46.4
13	2015/07/30	13:31:01	61.8	1504426.0	75.2	62.9	53.3
14	2015/07/30	13:31:06	53.5	221378.1	69.1	60.0	51.3
15	2015/07/30	13:31:11	52.9	195576.1	66.9	54.2	50.7
16	2015/07/30	13:31:16	47.9	61418.0	66.2	52.7	46.0
17	2015/07/30	13:31:21	44.0	24985.5	60.9	46.0	43.2
18	2015/07/30	13:31:26	49.5	88166.8	66.0	52.9	43.4
19	2015/07/30	13:31:31	60.0	1000167.8	77.3	61.7	52.9
20	2015/07/30	13:31:36	53.9	245804.3	69.9	61.5	51.2
21	2015/07/30	13:31:41	56.3	425493.5	71.5	57.3	52.5
22	2015/07/30	13:31:46	48.8	76154.2	66.9	54.6	48.7
23	2015/07/30	13:31:51	54.0	249954.6	70.2	56.3	49.3
24	2015/07/30	13:31:56	64.7	2933751.0	79.0	65.8	56.3
25	2015/07/30	13:32:01	58.4	689761.5	74.7	64.4	57.1
26	2015/07/30	13:32:06	52.0	158715.1	67.7	57.2	48.3
27	2015/07/30	13:32:11	43.7	23424.2	57.3	48.2	42.6
28	2015/07/30	13:32:16	42.7	18460.2	55.9	43.6	41.9
29	2015/07/30	13:32:21	53.2	210379.3	70.3	56.9	43.6
30	2015/07/30	13:32:26	55.2	331747.2	71.8	58.0	51.8
31	2015/07/30	13:32:31	46.7	47197.4	59.5	51.8	46.5
32	2015/07/30	13:32:36	46.2	41874.0	60.7	47.0	45.4
33	2015/07/30	13:32:41	54.6	290348.5	70.7	57.6	47.1
34	2015/07/30	13:32:46	71.6	14307914.1	87.0	73.4	57.6
35	2015/07/30	13:32:51	64.4	2727588.2	81.9	72.5	62.2
36	2015/07/30	13:32:56	62.1	1629786.6	76.8	63.0	60.4
37	2015/07/30	13:33:01	61.1	1292207.7	75.8	63.5	59.0
38	2015/07/30	13:33:06	51.6	145062.1	66.3	59.0	49.4
39	2015/07/30	13:33:11	58.3	672404.5	73.8	59.8	52.6
40	2015/07/30	13:33:16	50.3	107167.1	66.5	55.8	48.8
41	2015/07/30	13:33:21	59.6	905482.8	75.1	60.5	50.7
42	2015/07/30	13:33:26	61.8	1531066.8	84.8	63.1	58.7
43	2015/07/30	13:33:31	63.5	2263882.2	77.5	65.1	61.5
44	2015/07/30	13:33:36	60.2	1050623.2	75.5	61.9	57.6
45	2015/07/30	13:33:41	60.6	1145122.7	76.2	62.9	58.2
46	2015/07/30	13:33:46	63.4	2205358.3	78.7	64.8	61.1
47	2015/07/30	13:33:51	53.8	238730.1	70.7	61.1	51.9
48	2015/07/30	13:33:56	62.8	1914407.1	77.5	64.3	53.6
49	2015/07/30	13:34:01	57.3	536373.1	74.4	63.4	53.5
50	2015/07/30	13:34:06	46.2	41322.8	64.7	53.4	45.0
51	2015/07/30	13:34:11	44.4	27249.0	62.2	45.0	44.0
52	2015/07/30	13:34:16	56.6	458638.0	73.2	59.9	44.5
53	2015/07/30	13:34:21	59.7	924279.1	77.2	61.8	58.2
54	2015/07/30	13:34:26	63.5	2235761.7	80.4	66.2	57.6
55	2015/07/30	13:34:31	49.5	88804.4	67.0	57.6	49.8
56	2015/07/30	13:34:36	57.1	509614.6	70.8	58.5	50.1
57	2015/07/30	13:34:41	52.2	166478.6	67.2	57.7	50.0
58	2015/07/30	13:34:46	54.7	297485.4	69.3	56.2	50.6
59	2015/07/30	13:34:51	48.3	67394.5	63.5	52.9	48.0
60	2015/07/30	13:34:56	51.7	147557.4	67.7	53.3	49.4
61	2015/07/30	13:35:01	63.4	2176736.9	78.6	64.4	53.3
62	2015/07/30	13:35:06	65.2	3285125.5	81.4	66.5	62.1
63	2015/07/30	13:35:11	61.2	1323160.6	82.2	64.6	60.5
64	2015/07/30	13:35:16	54.5	282454.9	71.6	60.5	50.7
65	2015/07/30	13:35:21	45.5	35272.8	59.4	50.7	44.1
66	2015/07/30	13:35:26	43.4	22067.9	56.6	44.2	42.5
67	2015/07/30	13:35:31	41.9	15358.5	58.2	42.5	41.7
68	2015/07/30	13:35:36	41.8	15258.9	55.3	42.1	41.6
69	2015/07/30	13:35:41	41.5	14082.5	55.2	41.8	41.2
70	2015/07/30	13:35:46	41.9	15398.8	60.9	42.1	41.2
71	2015/07/30	13:35:51	41.5	14093.0	54.9	42.0	41.1
72	2015/07/30	13:35:56	45.6	35996.9	59.0	46.7	41.9
73	2015/07/30	13:36:01	62.8	1917852.4	78.0	65.1	46.7
74	2015/07/30	13:36:06	55.8	380447.6	75.7	64.5	52.0
75	2015/07/30	13:36:11	60.0	1003919.0	74.9	61.7	52.5
76	2015/07/30	13:36:16	52.4	173607.1	65.8	57.9	51.9
77	2015/07/30	13:36:21	54.5	280661.6	68.3	55.3	53.3
78	2015/07/30	13:36:26	56.7	471281.9	71.6	58.5	53.3
79	2015/07/30	13:36:31	47.9	62266.3	64.0	55.2	46.2
80	2015/07/30	13:36:36	49.1	81466.6	63.2	51.0	45.9
81	2015/07/30	13:36:41	60.6	1160952.3	75.9	62.1	51.0
82	2015/07/30	13:36:46	64.4	2751700.3	78.9	65.3	59.7
83	2015/07/30	13:36:51	60.3	1059397.9	77.4	65.3	57.0
84	2015/07/30	13:36:56	59.8	961099.3	74.9	61.8	55.0
85	2015/07/30	13:37:01	46.4	43379.6	68.0	55.0	44.9
86	2015/07/30	13:37:06	43.6	23002.8	60.4	44.8	43.3
87	2015/07/30	13:37:11	43.3	21459.4	58.0	43.6	43.0
88	2015/07/30	13:37:16	43.3	21310.2	59.2	43.7	42.8
89	2015/07/30	13:37:21	45.4	34396.2	59.5	47.0	43.4
90	2015/07/30	13:37:26	52.9	193781.0	70.1	54.5	47.0
91	2015/07/30	13:37:31	59.1	820082.0	74.1	60.5	54.6

7722 Encinitas HEU
Noise Measurement Data

92	2015/07/30	13:37:36	57.3	537065.7	75.6	61.2	52.1
93	2015/07/30	13:37:41	58.8	763634.9	74.1	61.9	54.4
94	2015/07/30	13:37:46	62.8	1893486.1	77.6	65.2	53.7
95	2015/07/30	13:37:51	61.9	1541784.8	77.0	65.2	60.0
96	2015/07/30	13:37:56	58.8	757631.2	74.9	62.2	53.4
97	2015/07/30	13:38:01	44.9	30550.2	60.6	53.4	43.7
98	2015/07/30	13:38:06	45.2	33379.5	69.1	46.5	43.5
99	2015/07/30	13:38:11	46.9	48801.4	62.4	47.7	46.2
100	2015/07/30	13:38:16	57.4	546833.5	72.3	59.1	47.7
101	2015/07/30	13:38:21	49.7	92888.9	65.6	56.9	47.0
102	2015/07/30	13:38:26	45.8	37845.6	59.5	46.9	45.4
103	2015/07/30	13:38:31	51.3	133469.2	67.6	54.2	46.4
104	2015/07/30	13:38:36	62.8	1889931.9	75.7	63.8	54.3
105	2015/07/30	13:38:41	63.9	2441918.5	77.4	64.5	62.4
106	2015/07/30	13:38:46	62.7	1850751.5	78.5	65.0	60.3
107	2015/07/30	13:38:51	61.2	1326867.4	76.0	63.2	59.3
108	2015/07/30	13:38:56	55.4	345397.1	74.2	61.2	52.5
109	2015/07/30	13:39:01	60.1	1030154.7	77.4	61.5	53.0
110	2015/07/30	13:39:06	53.6	230250.7	67.7	58.7	53.1
111	2015/07/30	13:39:11	54.6	286941.8	70.2	55.5	53.0
112	2015/07/30	13:39:16	48.1	65061.1	62.5	53.0	46.7
113	2015/07/30	13:39:21	45.9	38906.4	59.0	46.8	45.4
114	2015/07/30	13:39:26	46.0	39715.3	68.7	48.8	44.0
115	2015/07/30	13:39:31	50.7	117618.9	67.1	53.5	47.1
116	2015/07/30	13:39:36	59.8	945713.3	76.4	62.1	53.5
117	2015/07/30	13:39:41	63.9	2481884.1	79.2	65.5	62.0
118	2015/07/30	13:39:46	62.8	1889158.5	79.0	65.7	60.8
119	2015/07/30	13:39:51	58.9	770660.9	73.7	61.2	57.8
120	2015/07/30	13:39:56	56.6	455475.3	73.1	57.8	56.0
121	2015/07/30	13:40:01	58.0	624000.7	73.8	59.9	55.0
122	2015/07/30	13:40:06	55.7	374654.1	70.8	57.8	53.6
123	2015/07/30	13:40:11	61.2	1318655.4	75.6	62.4	57.7
124	2015/07/30	13:40:16	60.3	1068779.1	75.8	62.4	57.8
125	2015/07/30	13:40:21	57.4	551170.2	75.7	61.9	52.4
126	2015/07/30	13:40:26	44.7	29540.5	62.9	52.3	43.2
127	2015/07/30	13:40:31	44.3	27186.6	67.4	47.2	42.1
128	2015/07/30	13:40:36	43.4	21725.6	66.1	46.2	41.3
129	2015/07/30	13:40:41	44.0	25334.8	63.7	45.2	41.6
130	2015/07/30	13:40:46	44.4	27423.5	62.0	47.0	42.3
131	2015/07/30	13:40:51	53.9	244310.1	69.1	55.6	47.0
132	2015/07/30	13:40:56	59.4	871817.3	73.7	60.5	55.6
133	2015/07/30	13:41:01	58.1	649607.0	77.7	60.3	55.2
134	2015/07/30	13:41:06	46.6	46075.4	63.1	55.1	45.6
135	2015/07/30	13:41:11	43.2	20939.4	61.4	45.5	42.6
136	2015/07/30	13:41:16	42.4	17366.1	62.5	43.1	42.1
137	2015/07/30	13:41:21	42.1	16171.2	56.7	42.4	41.9
138	2015/07/30	13:41:26	43.0	20004.4	57.9	43.5	42.1
139	2015/07/30	13:41:31	42.9	19367.3	57.9	43.6	41.9
140	2015/07/30	13:41:36	41.8	15094.8	54.9	42.1	41.6
141	2015/07/30	13:41:41	42.2	16759.1	64.3	43.1	41.5
142	2015/07/30	13:41:46	43.7	23583.4	61.9	44.6	42.2
143	2015/07/30	13:41:51	48.8	75002.6	63.6	50.5	44.5
144	2015/07/30	13:41:56	53.6	226724.9	71.4	54.8	50.5
145	2015/07/30	13:42:01	47.2	52940.1	63.4	52.4	45.8
146	2015/07/30	13:42:06	46.7	46494.0	60.6	48.1	45.3
147	2015/07/30	13:42:11	60.1	1017842.3	75.1	62.3	48.1
148	2015/07/30	13:42:16	52.6	181743.2	72.2	61.1	49.8
149	2015/07/30	13:42:21	53.8	239274.9	70.0	57.1	49.2
150	2015/07/30	13:42:26	62.5	1759498.1	75.9	63.5	57.1
151	2015/07/30	13:42:31	60.8	1197597.2	78.1	62.9	57.8
152	2015/07/30	13:42:36	60.7	1174696.5	77.0	62.9	56.0
153	2015/07/30	13:42:41	63.6	2299654.9	76.8	64.9	62.2
154	2015/07/30	13:42:46	58.6	731629.1	75.9	62.5	54.8
155	2015/07/30	13:42:51	53.5	223864.8	68.5	55.5	51.8
156	2015/07/30	13:42:56	52.1	163369.5	72.8	56.4	47.7
157	2015/07/30	13:43:01	44.1	25852.1	57.3	47.7	43.7
158	2015/07/30	13:43:06	43.3	21240.5	57.0	44.0	42.7
159	2015/07/30	13:43:11	44.3	26898.8	64.8	45.9	42.6
160	2015/07/30	13:43:16	44.6	28661.5	60.1	45.5	43.7
161	2015/07/30	13:43:21	51.5	141446.1	68.5	54.9	45.1
162	2015/07/30	13:43:26	61.6	1431875.1	75.2	62.8	55.0
163	2015/07/30	13:43:31	52.7	186701.9	70.1	59.8	48.4
164	2015/07/30	13:43:36	44.3	27034.5	59.8	48.4	44.1
165	2015/07/30	13:43:41	45.1	32035.0	75.3	45.8	43.9
166	2015/07/30	13:43:46	47.3	53726.4	65.6	48.7	44.8
167	2015/07/30	13:43:51	59.9	974288.4	77.7	62.3	48.7
168	2015/07/30	13:43:56	61.7	1469107.6	92.0	62.2	60.4
169	2015/07/30	13:44:01	56.4	441147.2	81.5	62.6	52.1
170	2015/07/30	13:44:06	58.3	671800.0	73.4	59.9	51.6
171	2015/07/30	13:44:11	61.3	1353261.1	76.5	63.7	55.8
172	2015/07/30	13:44:16	57.4	548054.9	74.3	63.5	51.7
173	2015/07/30	13:44:21	49.5	88441.3	66.5	51.7	48.8
174	2015/07/30	13:44:26	61.3	1351630.1	76.0	63.4	51.0
175	2015/07/30	13:44:31	53.2	210051.9	71.2	60.5	51.5
176	2015/07/30	13:44:36	60.1	1034299.1	76.0	62.7	50.6
177	2015/07/30	13:44:41	61.0	1272915.7	80.3	63.8	57.2
178	2015/07/30	13:44:46	60.7	1177494.0	78.7	64.4	55.1
179	2015/07/30	13:44:51	47.4	54643.5	76.1	55.0	45.3
180	2015/07/30	13:44:56	46.2	41296.5	73.1	48.8	44.6
181	2015/07/30	13:45:01	46.8	48184.9	62.6	48.8	45.2
182	2015/07/30	13:45:06	50.5	111673.8	62.5	49.5	48.8

7722 Encinitas HEU
Noise Measurement Data

MEASUREMENT 5 Leq = 71.0

Record #	Date	Time	LAeq		LApeak	LASmax	LASmin
3	2015/07/30	14:04:11	73.1	20628969.8	89.1	75.8	66.8
4	2015/07/30	14:04:16	68.7	7497598.5	84.9	74.6	63.5
5	2015/07/30	14:04:21	66.3	4250694.9	82.3	69.0	59.8
6	2015/07/30	14:04:26	68.4	6905186.5	83.0	69.5	67.0
7	2015/07/30	14:04:31	65.5	3550790.2	82.2	69.7	58.6
8	2015/07/30	14:04:36	59.4	862150.6	75.8	61.1	57.4
9	2015/07/30	14:04:41	66.1	4083323.6	79.5	66.4	61.1
10	2015/07/30	14:04:46	66.6	4527636.8	80.6	67.3	65.7
11	2015/07/30	14:04:51	72.1	16155139.0	90.5	74.6	66.7
12	2015/07/30	14:04:56	66.5	4459622.5	81.4	70.6	64.0
13	2015/07/30	14:05:01	57.6	574452.9	71.6	64.0	56.8
14	2015/07/30	14:05:06	56.8	480344.1	69.3	57.6	56.3
15	2015/07/30	14:05:11	61.1	1292651.6	76.3	63.6	56.2
16	2015/07/30	14:05:16	64.7	2967948.5	77.5	64.8	63.7
17	2015/07/30	14:05:21	68.4	6923151.0	84.7	70.5	64.3
18	2015/07/30	14:05:26	68.6	7258050.9	81.4	70.4	68.2
19	2015/07/30	14:05:31	69.1	8147988.6	81.9	69.6	68.3
20	2015/07/30	14:05:36	76.5	45178879.5	92.8	79.0	68.1
21	2015/07/30	14:05:41	73.4	21771843.4	88.9	78.9	72.6
22	2015/07/30	14:05:46	70.8	11985180.0	85.7	73.5	69.3
23	2015/07/30	14:05:51	71.6	14522324.4	85.5	72.7	69.5
24	2015/07/30	14:05:56	70.4	11078089.6	85.8	73.2	67.8
25	2015/07/30	14:06:01	68.9	7805781.3	82.5	70.0	67.4
26	2015/07/30	14:06:06	67.4	5514452.2	82.2	68.6	66.1
27	2015/07/30	14:06:11	67.6	5781918.8	84.2	68.9	65.6
28	2015/07/30	14:06:16	65.8	3767423.7	80.1	67.4	64.7
29	2015/07/30	14:06:21	56.5	442002.8	76.4	65.3	55.3
30	2015/07/30	14:06:26	66.6	4586484.7	82.3	68.5	57.1
31	2015/07/30	14:06:31	56.5	441953.1	73.0	64.3	53.3
32	2015/07/30	14:06:36	49.1	82082.3	62.7	53.3	48.4
33	2015/07/30	14:06:41	49.5	88275.2	61.9	50.1	48.4
34	2015/07/30	14:06:46	59.7	938218.8	75.8	62.7	50.1
35	2015/07/30	14:06:51	63.4	2180081.6	78.5	64.8	60.9
36	2015/07/30	14:06:56	67.1	5185860.9	82.6	69.0	63.5
37	2015/07/30	14:07:01	58.0	626565.6	71.7	64.1	56.9
38	2015/07/30	14:07:06	60.2	1039746.2	79.2	63.4	54.4
39	2015/07/30	14:07:11	56.9	490108.2	73.0	60.2	51.5
40	2015/07/30	14:07:16	65.9	3892702.0	79.3	66.7	60.2
41	2015/07/30	14:07:21	67.9	6103242.2	80.6	68.2	66.3
42	2015/07/30	14:07:26	68.7	7411417.4	81.7	69.4	67.6
43	2015/07/30	14:07:31	69.8	9472721.3	82.8	70.5	68.8
44	2015/07/30	14:07:36	70.0	10010827.3	86.2	70.7	69.4
45	2015/07/30	14:07:41	68.7	7343712.7	83.1	69.4	68.0
46	2015/07/30	14:07:46	69.8	9463639.7	82.8	70.1	69.4
47	2015/07/30	14:07:51	68.4	6847637.7	81.2	69.5	67.4
48	2015/07/30	14:07:56	68.6	7309617.5	84.8	69.1	68.1
49	2015/07/30	14:08:01	65.4	3492685.5	81.1	69.0	61.9
50	2015/07/30	14:08:06	61.8	1527473.5	77.8	64.2	58.4
51	2015/07/30	14:08:11	65.1	3268081.7	78.3	66.5	63.2
52	2015/07/30	14:08:16	68.3	6702192.4	84.5	70.4	64.2
53	2015/07/30	14:08:21	70.0	10112212.6	85.5	71.5	68.1
54	2015/07/30	14:08:26	64.8	3011837.1	80.5	70.2	63.1
55	2015/07/30	14:08:31	68.0	6249496.5	81.9	69.1	66.6
56	2015/07/30	14:08:36	62.0	1568022.1	79.3	68.8	55.5
57	2015/07/30	14:08:41	50.8	121206.2	63.6	55.5	51.0
58	2015/07/30	14:08:46	64.5	2825893.9	82.7	67.8	50.7
59	2015/07/30	14:08:51	63.7	2322904.0	80.9	68.1	58.7
60	2015/07/30	14:08:56	53.5	221694.9	70.7	58.7	53.2
61	2015/07/30	14:09:01	52.3	168163.5	70.9	54.1	50.0
62	2015/07/30	14:09:06	48.2	65315.3	61.3	50.0	47.7
63	2015/07/30	14:09:11	52.4	173876.9	69.7	55.5	49.0
64	2015/07/30	14:09:16	67.2	5243435.6	81.8	69.2	55.5
65	2015/07/30	14:09:21	62.6	1802650.9	79.4	68.5	59.3
66	2015/07/30	14:09:26	62.3	1697973.4	78.2	62.8	59.3
67	2015/07/30	14:09:31	62.9	1950511.6	77.3	63.3	62.6
68	2015/07/30	14:09:36	63.3	2149453.4	76.6	63.8	62.7
69	2015/07/30	14:09:41	64.0	2540519.2	86.1	65.4	63.4
70	2015/07/30	14:09:46	63.7	2330107.4	78.8	65.5	63.0
71	2015/07/30	14:09:51	65.9	3850919.3	82.5	66.8	63.6
72	2015/07/30	14:09:56	69.9	9746230.3	86.4	70.4	66.8
73	2015/07/30	14:10:01	69.2	8234759.9	83.2	70.4	68.1
74	2015/07/30	14:10:06	69.8	9542067.5	82.6	70.5	69.5
75	2015/07/30	14:10:11	70.1	10216239.8	83.0	70.5	69.3
76	2015/07/30	14:10:16	67.1	5134318.3	82.3	70.3	64.4
77	2015/07/30	14:10:21	60.8	1214140.5	84.3	66.7	56.4
78	2015/07/30	14:10:26	60.7	1163851.0	77.4	63.5	56.0
79	2015/07/30	14:10:31	62.7	1869879.3	78.1	64.6	59.5
80	2015/07/30	14:10:36	60.6	1155986.6	74.9	61.9	59.0
81	2015/07/30	14:10:41	58.8	762002.0	74.1	61.2	56.4
82	2015/07/30	14:10:46	61.5	1416728.7	77.7	64.2	56.3
83	2015/07/30	14:10:51	50.4	110352.2	67.1	60.8	48.4
84	2015/07/30	14:10:56	50.7	116767.3	68.3	53.5	47.4
85	2015/07/30	14:11:01	65.7	3700101.6	79.9	67.3	53.6
86	2015/07/30	14:11:06	63.1	2055820.7	80.7	66.4	59.4
87	2015/07/30	14:11:11	68.1	6468790.1	83.3	70.6	63.5
88	2015/07/30	14:11:16	67.2	5296399.2	83.1	70.0	60.5
89	2015/07/30	14:11:21	72.4	17568017.2	87.2	73.3	69.8
90	2015/07/30	14:11:26	72.0	15868628.7	85.0	72.6	71.6
91	2015/07/30	14:11:31	69.9	9864463.9	83.6	71.6	69.1
92	2015/07/30	14:11:36	68.7	7494609.2	83.8	70.4	67.5

7722 Encinitas HEU
Noise Measurement Data

93	2015/07/30	14:11:41	67.1	5161294.5	81.1	68.2	66.1
94	2015/07/30	14:11:46	67.4	5532403.1	82.6	69.2	65.5
95	2015/07/30	14:11:51	65.8	3777371.0	78.7	67.0	64.9
96	2015/07/30	14:11:56	64.2	2650098.5	78.0	65.7	63.0
97	2015/07/30	14:12:01	62.6	1813523.5	76.1	64.0	61.9
98	2015/07/30	14:12:06	60.6	1154332.7	75.0	63.1	58.2
99	2015/07/30	14:12:11	62.3	1694877.0	76.3	64.1	57.8
100	2015/07/30	14:12:16	64.3	2713999.6	78.5	65.2	62.9
101	2015/07/30	14:12:21	65.5	3529582.9	80.0	66.6	62.7
102	2015/07/30	14:12:26	66.7	4712135.5	81.4	68.4	65.4
103	2015/07/30	14:12:31	63.6	2280629.5	78.5	66.0	61.2
104	2015/07/30	14:12:36	68.9	7829691.7	82.2	70.0	65.6
105	2015/07/30	14:12:41	56.4	433815.5	72.8	67.1	55.0
106	2015/07/30	14:12:46	58.4	699243.0	73.7	61.0	54.5
107	2015/07/30	14:12:51	69.3	8427531.4	84.2	71.5	61.0
108	2015/07/30	14:12:56	69.9	9883440.3	86.5	74.1	62.8
109	2015/07/30	14:13:01	60.8	1211014.5	77.0	63.0	59.7
110	2015/07/30	14:13:06	58.7	737355.5	73.3	61.1	56.6
111	2015/07/30	14:13:11	58.8	751587.6	73.3	60.2	56.5
112	2015/07/30	14:13:16	61.6	1449412.3	75.0	62.0	60.2
113	2015/07/30	14:13:21	59.6	921062.5	74.9	61.3	58.4
114	2015/07/30	14:13:26	56.4	441004.2	70.2	58.4	56.0
115	2015/07/30	14:13:31	59.5	893916.6	74.2	61.0	56.3
116	2015/07/30	14:13:36	67.4	5548043.6	82.4	68.9	61.0
117	2015/07/30	14:13:41	66.1	4029204.1	80.6	67.2	64.9
118	2015/07/30	14:13:46	69.5	8974285.4	82.9	70.4	67.2
119	2015/07/30	14:13:51	82.5	179777594.5	96.1	86.1	70.3
120	2015/07/30	14:13:56	90.3	#####	103.0	94.0	84.5
121	2015/07/30	14:14:01	70.0	9992536.7	85.0	86.3	70.1
122	2015/07/30	14:14:06	72.7	18451109.7	90.6	74.8	67.4
123	2015/07/30	14:14:11	81.4	136699638.0	98.7	84.4	73.3
124	2015/07/30	14:14:16	70.1	10239975.6	86.0	77.9	68.2
125	2015/07/30	14:14:21	66.4	4384912.3	81.3	68.5	64.9
126	2015/07/30	14:14:26	66.9	4916997.4	81.0	68.0	64.3
127	2015/07/30	14:14:31	65.6	3614093.8	81.1	68.6	61.1
128	2015/07/30	14:14:36	62.8	1885213.3	77.8	65.1	58.6
129	2015/07/30	14:14:41	65.0	3127054.8	79.2	66.5	63.7
130	2015/07/30	14:14:46	70.6	11369573.4	86.2	72.9	64.3
131	2015/07/30	14:14:51	69.6	9178497.8	84.5	72.0	68.3
132	2015/07/30	14:14:56	59.2	830590.0	74.2	68.3	57.4
133	2015/07/30	14:15:01	56.3	428527.0	68.3	57.4	56.0
134	2015/07/30	14:15:06	58.2	655560.3	71.3	59.0	56.7
135	2015/07/30	14:15:11	60.5	1120464.3	75.8	62.2	58.6
136	2015/07/30	14:15:16	69.4	8622285.6	82.5	71.6	62.3
137	2015/07/30	14:15:21	71.1	12882287.3	83.7	73.9	66.8
138	2015/07/30	14:15:26	69.5	9003356.6	84.2	70.4	66.8
139	2015/07/30	14:15:31	71.8	15290011.3	86.9	73.5	70.3
140	2015/07/30	14:15:36	74.7	29810956.8	89.2	76.0	73.0
141	2015/07/30	14:15:41	68.8	7547047.8	82.9	72.9	67.8
142	2015/07/30	14:15:46	68.6	7204316.3	81.4	68.9	67.6
143	2015/07/30	14:15:51	69.1	8222154.9	81.6	69.6	68.7
144	2015/07/30	14:15:56	65.9	3896054.3	79.9	68.8	62.1
145	2015/07/30	14:16:01	62.3	1692651.3	85.2	64.6	59.4
146	2015/07/30	14:16:06	66.0	4009271.7	88.3	67.3	64.4
147	2015/07/30	14:16:11	70.7	11817110.4	86.2	72.0	67.3
148	2015/07/30	14:16:16	64.0	2535040.1	84.1	70.0	63.4
149	2015/07/30	14:16:21	65.4	3502221.2	80.2	67.8	62.9
150	2015/07/30	14:16:26	56.8	476207.9	69.2	63.0	56.0
151	2015/07/30	14:16:31	53.8	241521.6	66.3	56.0	53.2
152	2015/07/30	14:16:36	54.8	298790.6	74.6	56.5	53.2
153	2015/07/30	14:16:41	59.9	987896.2	76.2	63.1	53.2
154	2015/07/30	14:16:46	59.9	975112.0	76.7	63.5	57.8
155	2015/07/30	14:16:51	54.4	276832.1	71.5	59.6	52.4
156	2015/07/30	14:16:56	55.1	326724.6	69.8	57.2	51.8
157	2015/07/30	14:17:01	57.9	618566.5	71.9	59.4	55.8
158	2015/07/30	14:17:06	59.2	827660.8	74.9	61.7	55.6
159	2015/07/30	14:17:11	62.8	1909238.3	76.8	63.4	61.5
160	2015/07/30	14:17:16	66.8	4827368.8	80.7	67.5	63.4
161	2015/07/30	14:17:21	66.8	4762409.0	80.7	68.4	64.4
162	2015/07/30	14:17:26	69.7	9409762.1	84.5	71.9	66.6
163	2015/07/30	14:17:31	67.3	5354044.1	82.0	71.8	65.5
164	2015/07/30	14:17:36	67.5	5563141.8	81.1	68.8	65.1
165	2015/07/30	14:17:41	69.1	8036255.0	83.3	69.6	68.0
166	2015/07/30	14:17:46	69.3	8487734.9	83.4	70.0	68.0
167	2015/07/30	14:17:51	69.0	7981342.7	83.1	69.8	68.0
168	2015/07/30	14:17:56	68.2	6655191.4	82.7	69.8	67.2
169	2015/07/30	14:18:01	67.1	5078744.7	82.6	68.6	66.0
170	2015/07/30	14:18:06	67.2	5227606.8	81.4	69.2	65.2
171	2015/07/30	14:18:11	69.1	8063604.8	83.4	70.0	68.5
172	2015/07/30	14:18:16	65.4	3468478.5	80.3	68.6	62.6
173	2015/07/30	14:18:21	54.0	252907.5	77.8	62.6	51.4
174	2015/07/30	14:18:26	49.3	84256.4	72.0	51.3	48.9
175	2015/07/30	14:18:31	58.4	685295.7	76.9	62.8	49.4
176	2015/07/30	14:18:36	63.6	2307144.9	80.1	67.4	58.1
177	2015/07/30	14:18:41	60.4	1101446.0	79.6	62.6	56.1
178	2015/07/30	14:18:46	63.8	2374516.9	79.4	65.5	61.3
179	2015/07/30	14:18:51	54.1	258644.3	69.5	61.3	52.6
180	2015/07/30	14:18:56	51.6	145711.7	66.0	52.6	51.5
181	2015/07/30	14:19:01	53.2	208647.0	67.6	54.5	51.6
182	2015/07/30	14:19:06	60.6	1152240.9	76.6	62.0	54.6
183	2015/07/30	14:19:11	54.6	286488.5	69.0	60.6	53.1
184	2015/07/30	14:19:16	55.8		72.0	57.4	53.0

7722 Encinitas HEU
Noise Measurement Data

MEASUREMENT 6 Leq = 69.0

Record #	Date	Time	LAeq		LApeak	LASmax	LASmin
3	2015/07/30	15:07:23	61.0	1265933.5	76.0	63.5	58.8
4	2015/07/30	15:07:28	65.6	3640941.4	79.8	66.7	63.4
5	2015/07/30	15:07:33	61.6	1437248.1	77.7	66.6	57.5
6	2015/07/30	15:07:38	60.0	1000593.1	75.2	61.5	56.8
7	2015/07/30	15:07:43	56.8	480075.9	70.8	61.1	55.5
8	2015/07/30	15:07:48	55.2	331025.3	68.0	55.7	54.9
9	2015/07/30	15:07:53	63.5	2223292.9	79.5	66.7	54.9
10	2015/07/30	15:07:58	70.5	11303872.1	85.4	71.4	66.7
11	2015/07/30	15:08:03	67.4	5473087.9	81.6	71.2	66.6
12	2015/07/30	15:08:08	66.4	4381131.7	80.1	67.1	65.8
13	2015/07/30	15:08:13	66.3	4298053.2	80.1	67.1	66.1
14	2015/07/30	15:08:18	67.1	5172304.5	80.4	67.7	66.4
15	2015/07/30	15:08:23	68.0	6330134.9	81.3	68.5	67.6
16	2015/07/30	15:08:28	69.0	7894814.3	83.3	70.6	67.2
17	2015/07/30	15:08:33	71.5	14073410.4	85.3	71.8	70.6
18	2015/07/30	15:08:38	71.5	14234632.3	84.8	72.7	70.3
19	2015/07/30	15:08:43	74.1	25777702.2	92.6	74.6	72.7
20	2015/07/30	15:08:48	74.1	25577645.6	88.6	74.8	73.5
21	2015/07/30	15:08:53	75.3	34025451.3	91.3	76.2	73.8
22	2015/07/30	15:08:58	69.8	9585851.7	83.2	73.8	68.9
23	2015/07/30	15:09:03	71.3	13343463.0	83.8	71.8	69.3
24	2015/07/30	15:09:08	68.7	7396472.7	83.2	70.8	67.0
25	2015/07/30	15:09:13	71.9	15624896.1	86.3	73.1	66.6
26	2015/07/30	15:09:18	66.0	3959645.0	81.6	70.9	62.8
27	2015/07/30	15:09:23	62.9	1955934.8	77.6	65.0	60.7
28	2015/07/30	15:09:28	67.3	5361451.5	80.6	68.2	65.1
29	2015/07/30	15:09:33	64.1	2598274.7	80.3	68.3	58.9
30	2015/07/30	15:09:38	54.2	260494.3	68.1	58.9	53.5
31	2015/07/30	15:09:43	53.6	229129.8	66.2	54.3	52.6
32	2015/07/30	15:09:48	52.1	164047.7	71.5	52.8	51.6
33	2015/07/30	15:09:53	53.1	203074.7	67.3	53.5	52.4
34	2015/07/30	15:09:58	53.4	216863.8	66.6	53.7	52.9
35	2015/07/30	15:10:03	52.8	189788.2	65.2	53.5	52.4
36	2015/07/30	15:10:08	61.5	1410193.3	76.5	62.8	53.3
37	2015/07/30	15:10:13	56.4	439103.3	72.2	61.7	54.8
38	2015/07/30	15:10:18	57.3	538658.7	77.3	60.9	53.8
39	2015/07/30	15:10:23	56.1	402721.6	69.8	57.1	53.7
40	2015/07/30	15:10:28	61.2	1331336.4	77.1	63.4	57.1
41	2015/07/30	15:10:33	68.6	7229152.3	82.8	69.0	63.5
42	2015/07/30	15:10:38	67.8	5965365.4	82.4	69.0	67.2
43	2015/07/30	15:10:43	67.8	5995654.6	80.3	68.5	67.2
44	2015/07/30	15:10:48	66.7	4671846.1	79.8	67.6	65.5
45	2015/07/30	15:10:53	68.0	6362332.1	88.7	69.9	65.3
46	2015/07/30	15:10:58	71.9	15534659.1	85.9	72.8	69.3
47	2015/07/30	15:11:03	70.8	12001044.8	84.2	72.4	69.9
48	2015/07/30	15:11:08	70.9	12207384.4	84.9	71.9	69.9
49	2015/07/30	15:11:13	69.0	8010503.6	83.1	70.0	68.6
50	2015/07/30	15:11:18	70.4	11014866.0	84.4	71.0	68.8
51	2015/07/30	15:11:23	69.4	8714934.5	84.2	71.7	66.7
52	2015/07/30	15:11:28	68.0	6335886.7	81.8	69.2	66.3
53	2015/07/30	15:11:33	65.8	3832306.5	78.8	67.1	65.6
54	2015/07/30	15:11:38	63.5	2256308.7	78.5	66.5	60.2
55	2015/07/30	15:11:43	54.6	285455.8	70.4	60.2	53.2
56	2015/07/30	15:11:48	52.9	195472.6	67.4	54.8	52.1
57	2015/07/30	15:11:53	59.3	851923.2	74.2	60.2	52.6
58	2015/07/30	15:11:58	59.0	792529.5	72.3	60.2	58.5
59	2015/07/30	15:12:03	53.7	235489.1	68.7	58.4	52.1
60	2015/07/30	15:12:08	58.4	686826.9	76.8	61.1	52.1
61	2015/07/30	15:12:13	58.2	668145.5	74.4	61.2	55.4
62	2015/07/30	15:12:18	52.6	180513.4	66.6	55.4	52.0
63	2015/07/30	15:12:23	56.7	470083.3	73.8	58.5	52.0
64	2015/07/30	15:12:28	62.8	1911780.7	78.7	64.5	58.5
65	2015/07/30	15:12:33	62.1	1623866.4	76.7	64.7	59.9
66	2015/07/30	15:12:38	66.5	4508714.5	82.8	70.0	59.1
67	2015/07/30	15:12:43	73.0	19966999.4	86.6	74.1	70.0
68	2015/07/30	15:12:48	72.6	18404881.0	86.8	74.0	71.3
69	2015/07/30	15:12:53	73.5	22598292.3	88.1	74.9	71.6
70	2015/07/30	15:12:58	72.4	17460575.9	87.0	72.9	71.7
71	2015/07/30	15:13:03	69.9	9778523.5	83.5	71.7	69.7
72	2015/07/30	15:13:08	72.3	17165502.6	85.3	73.0	70.2
73	2015/07/30	15:13:13	76.6	45233358.2	91.0	77.7	72.6
74	2015/07/30	15:13:18	76.1	40684946.2	92.4	78.9	73.7
75	2015/07/30	15:13:23	73.5	22299328.2	86.2	74.0	73.1
76	2015/07/30	15:13:28	73.2	20851110.1	86.8	74.1	72.0
77	2015/07/30	15:13:33	73.0	19976332.0	92.0	75.4	70.9
78	2015/07/30	15:13:38	72.5	17983382.0	86.4	73.5	70.8
79	2015/07/30	15:13:43	71.2	13082249.7	86.2	72.8	70.4
80	2015/07/30	15:13:48	68.7	7441619.8	81.8	70.4	68.5
81	2015/07/30	15:13:53	67.3	5362704.3	81.4	68.9	65.8
82	2015/07/30	15:13:58	74.3	26718541.3	91.6	77.7	65.8
83	2015/07/30	15:14:03	75.9	39228594.9	93.3	79.6	71.0
84	2015/07/30	15:14:08	64.7	2931602.6	79.0	70.9	64.0
85	2015/07/30	15:14:13	63.4	2170528.0	76.9	64.6	61.8
86	2015/07/30	15:14:18	63.9	2452589.1	77.0	64.9	62.9
87	2015/07/30	15:14:23	62.7	1862568.4	77.0	63.6	61.3
88	2015/07/30	15:14:28	61.6	1443651.5	75.1	62.7	59.9
89	2015/07/30	15:14:33	61.2	1323737.2	75.1	62.7	58.9
90	2015/07/30	15:14:38	54.7	296624.9	68.2	58.9	54.1
91	2015/07/30	15:14:43	57.0	503504.6	72.1	59.3	53.8
92	2015/07/30	15:14:48	65.5	3570606.6	84.5	66.5	59.3

7722 Encinitas HEU
Noise Measurement Data

93	2015/07/30	15:14:53	65.0	3127373.5	79.1	66.8	63.1
94	2015/07/30	15:14:58	63.8	2412567.5	78.7	64.6	62.7
95	2015/07/30	15:15:03	62.9	1969924.7	80.0	65.3	60.8
96	2015/07/30	15:15:08	60.4	1097034.4	73.7	61.0	59.8
97	2015/07/30	15:15:13	64.5	2825655.6	78.5	66.1	61.0
98	2015/07/30	15:15:18	67.8	5970135.6	80.2	68.0	66.1
99	2015/07/30	15:15:23	75.3	34050386.0	86.9	76.5	67.9
100	2015/07/30	15:15:28	73.8	24149739.2	86.0	76.5	73.1
101	2015/07/30	15:15:33	71.1	12961306.3	84.5	73.5	70.6
102	2015/07/30	15:15:38	71.0	12611367.4	85.5	72.6	69.5
103	2015/07/30	15:15:43	69.6	9158042.9	83.7	70.6	68.7
104	2015/07/30	15:15:48	69.2	8388124.3	84.3	70.3	67.9
105	2015/07/30	15:15:53	70.6	11408307.6	86.0	72.0	67.4
106	2015/07/30	15:15:58	69.3	8490091.2	82.5	72.0	68.3
107	2015/07/30	15:16:03	66.5	4442818.2	80.2	68.3	64.5
108	2015/07/30	15:16:08	67.2	5211066.0	81.1	68.1	64.2
109	2015/07/30	15:16:13	64.4	2724729.1	79.4	67.7	63.0
110	2015/07/30	15:16:18	66.5	4439174.8	81.1	67.0	64.8
111	2015/07/30	15:16:23	59.8	960945.6	78.0	66.9	55.6
112	2015/07/30	15:16:28	60.1	1028488.4	75.4	62.0	55.6
113	2015/07/30	15:16:33	61.1	1288586.3	75.7	63.7	58.2
114	2015/07/30	15:16:38	53.7	234938.3	67.2	58.2	52.8
115	2015/07/30	15:16:43	53.7	235845.1	66.6	54.4	52.9
116	2015/07/30	15:16:48	53.0	201688.3	75.2	54.0	52.4
117	2015/07/30	15:16:53	52.4	175730.0	65.9	53.0	51.8
118	2015/07/30	15:16:58	55.6	362902.9	69.7	57.0	53.0
119	2015/07/30	15:17:03	59.8	955278.5	73.3	60.9	57.0
120	2015/07/30	15:17:08	63.3	2115060.2	76.8	64.1	60.9
121	2015/07/30	15:17:13	60.2	1052817.2	73.9	62.2	60.1
122	2015/07/30	15:17:18	66.5	4454407.8	82.8	70.0	59.1
123	2015/07/30	15:17:23	73.8	23798622.4	87.0	74.2	70.0
124	2015/07/30	15:17:28	72.8	18988090.5	85.7	73.8	72.3
125	2015/07/30	15:17:33	73.2	20745627.5	87.0	73.4	72.5
126	2015/07/30	15:17:38	71.2	13316650.1	85.7	72.8	71.0
127	2015/07/30	15:17:43	72.2	16552852.0	86.5	72.4	71.3
128	2015/07/30	15:17:48	72.3	17134049.4	93.6	72.8	71.7
129	2015/07/30	15:17:53	72.4	17516029.5	86.6	73.2	71.6
130	2015/07/30	15:17:58	74.2	26146256.4	87.3	74.6	71.7
131	2015/07/30	15:18:03	76.0	39420714.1	90.2	77.5	72.8
132	2015/07/30	15:18:08	70.2	10353771.4	85.6	72.8	69.1
133	2015/07/30	15:18:13	66.3	4285101.0	82.1	71.2	63.5
134	2015/07/30	15:18:18	68.6	7263867.4	84.1	70.7	63.5
135	2015/07/30	15:18:23	63.8	2414935.7	77.2	67.7	62.9
136	2015/07/30	15:18:28	64.8	3021805.9	80.6	66.6	62.3
137	2015/07/30	15:18:33	66.9	4876935.1	80.0	67.3	66.5
138	2015/07/30	15:18:38	69.0	7865190.2	83.4	69.7	67.4
139	2015/07/30	15:18:43	74.4	27599837.5	90.1	78.3	66.9
140	2015/07/30	15:18:48	64.1	2570214.3	77.7	66.9	63.5
141	2015/07/30	15:18:53	61.7	1485223.6	81.4	63.5	61.4
142	2015/07/30	15:18:58	57.9	620890.9	72.9	61.6	55.1
143	2015/07/30	15:19:03	54.4	273718.6	67.6	55.1	54.1
144	2015/07/30	15:19:08	54.2	263538.6	68.3	54.7	53.6
145	2015/07/30	15:19:13	57.1	512146.3	73.1	59.4	53.2
146	2015/07/30	15:19:18	61.1	1288194.8	74.6	61.9	59.4
147	2015/07/30	15:19:23	66.8	4799093.5	81.7	67.3	61.9
148	2015/07/30	15:19:28	67.2	5214087.9	81.1	67.9	66.3
149	2015/07/30	15:19:33	64.1	2595035.9	77.9	66.3	63.0
150	2015/07/30	15:19:38	63.8	2383205.0	76.6	64.5	62.5
151	2015/07/30	15:19:43	62.7	1863605.9	76.1	64.9	62.1
152	2015/07/30	15:19:48	64.8	3034802.5	82.4	65.7	62.1
153	2015/07/30	15:19:53	65.9	3899662.9	79.1	66.6	65.3
154	2015/07/30	15:19:58	68.7	7491713.3	83.0	69.9	66.6
155	2015/07/30	15:20:03	71.7	14727472.0	85.9	72.5	69.6
156	2015/07/30	15:20:08	73.7	23299478.0	86.5	74.3	72.5
157	2015/07/30	15:20:13	74.9	31133733.3	88.3	75.9	72.2
158	2015/07/30	15:20:18	73.1	20241378.3	87.3	75.6	71.4
159	2015/07/30	15:20:23	71.2	13259365.3	85.8	72.1	70.7
160	2015/07/30	15:20:28	71.6	14554223.6	85.3	72.9	69.9
161	2015/07/30	15:20:33	67.6	5753214.7	81.2	70.0	66.7
162	2015/07/30	15:20:38	67.7	5890553.4	82.2	69.3	65.6
163	2015/07/30	15:20:43	60.6	1137458.8	75.2	65.6	58.7
164	2015/07/30	15:20:48	61.2	1322692.3	75.9	62.4	58.7
165	2015/07/30	15:20:53	58.2	656062.0	72.0	61.7	56.8
166	2015/07/30	15:20:58	60.4	1090460.3	73.4	61.2	57.6
167	2015/07/30	15:21:03	57.9	616894.8	71.4	61.0	56.3
168	2015/07/30	15:21:08	55.7	368616.3	70.0	56.8	54.6
169	2015/07/30	15:21:13	53.8	241093.6	67.1	54.7	53.4
170	2015/07/30	15:21:18	57.6	582012.4	73.1	60.1	52.9
171	2015/07/30	15:21:23	60.1	1017554.5	74.2	60.6	59.4
172	2015/07/30	15:21:28	64.4	2737404.8	77.1	65.7	59.9
173	2015/07/30	15:21:33	65.0	3131381.1	79.7	67.3	62.0
174	2015/07/30	15:21:38	62.1	1610225.4	74.8	63.2	60.3
175	2015/07/30	15:21:43	60.9	1220270.0	73.9	62.6	60.3
176	2015/07/30	15:21:48	57.2	522698.2	70.9	60.3	56.5
177	2015/07/30	15:21:53	61.7	1475668.5	79.6	63.4	56.5
178	2015/07/30	15:21:58	69.8	9478281.1	83.8	71.1	63.4
179	2015/07/30	15:22:03	71.4	13960779.5	88.6	71.7	71.0
180	2015/07/30	15:22:08	70.6	11492207.1	90.4	71.4	70.0
181	2015/07/30	15:22:13	70.6	11553075.2	83.6	71.3	70.0
182	2015/07/30	15:22:18	72.4	17562308.6	85.8	73.0	71.3
183	2015/07/30	15:22:23	73.3	21587283.6	82.8	73.0	73.0

7722 Encinitas HEU
Noise Measurement Data

MEASUREMENT 7 Leq = 59.3

Record #	Date	Time	LAeq		LApeak	LASmax	LASmin
4	2015/07/30	14:30:23	53.2	206883.4	77.3	61.0	49.7
5	2015/07/30	14:30:28	47.9	61108.0	63.6	49.7	47.1
6	2015/07/30	14:30:33	60.2	1038399.1	74.2	61.9	49.4
7	2015/07/30	14:30:38	60.0	994113.9	73.9	61.7	59.5
8	2015/07/30	14:30:43	59.2	841065.6	73.1	60.0	58.6
9	2015/07/30	14:30:48	60.4	1106642.9	76.6	62.2	58.5
10	2015/07/30	14:30:53	58.5	707504.4	73.3	59.5	57.1
11	2015/07/30	14:30:58	66.6	4527143.7	80.4	68.4	59.5
12	2015/07/30	14:31:03	64.7	2940742.7	79.8	68.2	63.7
13	2015/07/30	14:31:08	60.6	1139724.0	74.9	63.8	58.4
14	2015/07/30	14:31:13	59.1	810409.9	74.1	60.5	56.6
15	2015/07/30	14:31:18	47.9	61451.1	64.3	56.6	45.3
16	2015/07/30	14:31:23	47.0	49956.1	78.2	50.4	44.5
17	2015/07/30	14:31:28	53.9	244583.8	69.8	56.6	47.3
18	2015/07/30	14:31:33	60.7	1176443.7	78.7	62.1	56.7
19	2015/07/30	14:31:38	58.6	721328.9	76.8	63.2	53.5
20	2015/07/30	14:31:43	52.4	174553.6	69.7	55.3	49.6
21	2015/07/30	14:31:48	54.7	293467.1	70.7	57.7	50.2
22	2015/07/30	14:31:53	56.4	432701.6	78.5	60.1	48.4
23	2015/07/30	14:31:58	62.5	1793922.3	77.3	64.0	60.1
24	2015/07/30	14:32:03	51.5	142626.5	67.9	61.4	46.8
25	2015/07/30	14:32:08	48.9	78522.3	66.0	51.2	45.7
26	2015/07/30	14:32:13	59.2	826457.1	73.8	60.2	51.2
27	2015/07/30	14:32:18	58.0	630552.3	72.6	59.6	57.2
28	2015/07/30	14:32:23	53.2	208988.4	74.5	58.0	48.4
29	2015/07/30	14:32:28	44.1	25571.8	62.9	48.4	43.3
30	2015/07/30	14:32:33	44.7	29546.5	64.5	46.1	43.5
31	2015/07/30	14:32:38	44.3	26683.2	61.1	45.6	43.6
32	2015/07/30	14:32:43	44.0	25172.2	57.2	44.8	43.1
33	2015/07/30	14:32:48	43.7	23461.1	62.1	44.7	42.3
34	2015/07/30	14:32:53	50.2	103601.8	68.6	53.8	44.7
35	2015/07/30	14:32:58	63.7	2334682.2	78.5	65.1	53.8
36	2015/07/30	14:33:03	57.0	505362.0	75.8	65.0	52.2
37	2015/07/30	14:33:08	47.7	58663.4	63.9	52.1	46.1
38	2015/07/30	14:33:13	63.0	1980182.6	77.9	65.2	50.2
39	2015/07/30	14:33:18	56.2	415068.5	73.0	64.7	55.8
40	2015/07/30	14:33:23	60.3	1061966.6	75.7	61.2	56.1
41	2015/07/30	14:33:28	58.9	775820.0	74.4	62.1	54.5
42	2015/07/30	14:33:33	61.1	1286506.6	78.6	64.2	53.3
43	2015/07/30	14:33:38	59.2	822541.3	75.1	64.3	54.3
44	2015/07/30	14:33:43	47.9	61308.5	61.5	54.3	47.5
45	2015/07/30	14:33:48	57.2	520883.7	73.3	59.5	47.7
46	2015/07/30	14:33:53	52.1	162598.2	71.2	59.4	49.8
47	2015/07/30	14:33:58	55.6	361133.6	71.3	58.3	48.9
48	2015/07/30	14:34:03	58.5	707864.3	74.6	61.2	53.1
49	2015/07/30	14:34:08	47.0	50189.2	60.6	53.0	46.9
50	2015/07/30	14:34:13	59.5	885421.5	74.3	61.5	47.8
51	2015/07/30	14:34:18	61.2	1326707.8	77.6	61.9	60.3
52	2015/07/30	14:34:23	62.8	1904916.5	76.4	64.0	60.6
53	2015/07/30	14:34:28	59.9	966970.8	76.0	63.9	56.8
54	2015/07/30	14:34:33	55.4	348149.4	71.4	56.8	54.6
55	2015/07/30	14:34:38	63.6	2277404.6	80.7	65.5	56.8
56	2015/07/30	14:34:43	70.7	11683864.7	88.4	71.9	65.5
57	2015/07/30	14:34:48	55.8	383443.5	73.6	69.1	51.6
58	2015/07/30	14:34:53	48.5	70303.4	62.6	51.6	47.8
59	2015/07/30	14:34:58	57.2	525892.0	76.7	58.6	49.9
60	2015/07/30	14:35:03	55.2	330496.0	75.2	59.8	49.9
61	2015/07/30	14:35:08	53.7	236042.6	70.1	56.7	48.7
62	2015/07/30	14:35:13	61.7	1484871.4	76.8	62.5	56.7
63	2015/07/30	14:35:18	65.5	3552824.3	80.7	67.7	60.7
64	2015/07/30	14:35:23	65.8	3812577.8	80.0	68.3	64.3
65	2015/07/30	14:35:28	62.3	1684388.8	78.2	65.5	60.6
66	2015/07/30	14:35:33	68.2	6577329.8	84.8	71.1	63.4
67	2015/07/30	14:35:38	66.9	4895450.2	84.8	71.4	61.8
68	2015/07/30	14:35:43	61.6	1447069.1	77.0	62.8	60.2
69	2015/07/30	14:35:48	64.6	2898750.6	80.3	67.1	60.1
70	2015/07/30	14:35:53	51.0	125817.1	66.1	60.0	50.1
71	2015/07/30	14:35:58	48.6	72983.9	61.1	50.2	48.1
72	2015/07/30	14:36:03	47.7	59391.0	60.3	48.1	47.5
73	2015/07/30	14:36:08	51.1	127611.6	67.1	53.8	47.6
74	2015/07/30	14:36:13	55.7	368357.3	70.7	57.7	52.4
75	2015/07/30	14:36:18	48.6	71940.4	60.9	52.4	48.0
76	2015/07/30	14:36:23	51.0	126713.9	66.2	52.3	49.1
77	2015/07/30	14:36:28	58.4	695530.9	71.9	59.4	52.3
78	2015/07/30	14:36:33	59.7	933112.7	74.5	61.9	55.9
79	2015/07/30	14:36:38	49.8	96423.0	63.7	55.9	49.4
80	2015/07/30	14:36:43	56.8	475649.4	72.7	59.4	49.7
81	2015/07/30	14:36:48	57.5	563137.6	72.5	59.4	55.9
82	2015/07/30	14:36:53	61.6	1459251.1	76.5	63.0	58.4
83	2015/07/30	14:36:58	54.9	307612.5	71.9	59.5	51.7
84	2015/07/30	14:37:03	48.3	66961.0	60.7	51.7	47.9
85	2015/07/30	14:37:08	48.4	68842.0	62.0	49.0	47.9
86	2015/07/30	14:37:13	48.5	71162.2	61.8	48.7	48.3
87	2015/07/30	14:37:18	49.2	83972.3	64.0	50.3	48.6
88	2015/07/30	14:37:23	57.0	500426.2	73.7	60.3	50.3
89	2015/07/30	14:37:28	60.4	1097678.3	76.5	62.5	57.5
90	2015/07/30	14:37:33	59.7	943484.7	74.9	60.5	58.3
91	2015/07/30	14:37:38	53.7	236838.4	69.0	59.2	50.0
92	2015/07/30	14:37:43	48.5	71183.6	64.6	50.0	47.9
93	2015/07/30	14:37:48	53.6	227219.5	71.0	56.4	49.2

7722 Encinitas HEU
Noise Measurement Data

94	2015/07/30	14:37:53	59.0	802374.3	75.0	60.0	56.5
95	2015/07/30	14:37:58	53.7	233475.0	70.3	56.7	53.1
96	2015/07/30	14:38:03	66.2	4158911.2	81.7	68.4	54.4
97	2015/07/30	14:38:08	61.7	1481053.5	76.7	66.2	60.9
98	2015/07/30	14:38:13	53.5	222544.4	68.0	60.8	51.6
99	2015/07/30	14:38:18	52.5	176042.3	66.5	53.7	51.1
100	2015/07/30	14:38:23	59.4	871050.3	74.3	61.4	53.7
101	2015/07/30	14:38:28	58.1	646259.4	73.3	61.0	54.6
102	2015/07/30	14:38:33	57.0	499461.0	71.7	58.6	54.0
103	2015/07/30	14:38:38	59.1	806646.0	73.4	60.4	56.8
104	2015/07/30	14:38:43	52.7	188346.4	70.1	56.7	51.8
105	2015/07/30	14:38:48	60.6	1150328.6	75.7	61.8	54.5
106	2015/07/30	14:38:53	56.3	424408.4	77.9	60.3	53.4
107	2015/07/30	14:38:58	52.9	193713.8	66.6	53.4	52.4
108	2015/07/30	14:39:03	66.0	3943186.5	83.8	68.7	53.3
109	2015/07/30	14:39:08	62.2	1676732.0	80.0	67.0	59.8
110	2015/07/30	14:39:13	55.0	316464.8	72.3	61.0	51.6
111	2015/07/30	14:39:18	51.2	132660.9	66.3	52.8	50.1
112	2015/07/30	14:39:23	64.2	2628607.8	80.5	66.5	52.8
113	2015/07/30	14:39:28	63.9	2458628.4	77.7	66.6	62.9
114	2015/07/30	14:39:33	66.9	4893481.2	80.1	67.6	64.5
115	2015/07/30	14:39:38	59.0	802243.9	76.3	66.5	55.7
116	2015/07/30	14:39:43	53.0	197543.0	68.6	55.9	50.2
117	2015/07/30	14:39:48	48.3	67188.9	62.1	50.2	47.8
118	2015/07/30	14:39:53	47.6	57114.5	63.9	48.3	46.9
119	2015/07/30	14:39:58	48.7	74525.5	63.2	50.0	47.5
120	2015/07/30	14:40:03	58.0	630683.6	72.7	59.5	50.0
121	2015/07/30	14:40:08	53.3	211986.2	71.2	59.2	50.8
122	2015/07/30	14:40:13	55.7	374494.2	72.0	58.6	50.8
123	2015/07/30	14:40:18	57.0	496871.0	73.2	60.2	52.8
124	2015/07/30	14:40:23	49.1	81192.5	62.9	52.8	48.5
125	2015/07/30	14:40:28	51.1	129052.9	66.8	53.3	48.8
126	2015/07/30	14:40:33	59.9	966349.3	74.7	61.2	53.3
127	2015/07/30	14:40:38	51.0	125576.8	64.8	58.0	49.9
128	2015/07/30	14:40:43	49.0	79607.6	62.5	49.9	48.2
129	2015/07/30	14:40:48	51.9	153972.8	66.4	54.1	49.1
130	2015/07/30	14:40:53	61.2	1332980.4	79.2	62.0	54.1
131	2015/07/30	14:40:58	57.8	597985.5	74.0	61.5	56.5
132	2015/07/30	14:41:03	65.7	3720810.2	79.3	66.4	60.0
133	2015/07/30	14:41:08	65.0	3149238.6	80.5	67.3	61.1
134	2015/07/30	14:41:13	56.3	422609.4	69.8	61.1	55.4
135	2015/07/30	14:41:18	50.7	117096.4	64.5	55.5	49.9
136	2015/07/30	14:41:23	51.3	133448.3	65.2	52.9	49.3
137	2015/07/30	14:41:28	50.7	116921.2	63.7	50.8	49.9
138	2015/07/30	14:41:33	50.5	113174.4	63.9	51.4	49.8
139	2015/07/30	14:41:38	55.9	384607.2	69.9	57.0	51.4
140	2015/07/30	14:41:43	51.7	146297.4	67.0	56.9	50.8
141	2015/07/30	14:41:48	49.7	92306.3	62.4	50.9	49.2
142	2015/07/30	14:41:53	50.0	100305.3	62.1	50.6	49.2
143	2015/07/30	14:41:58	56.7	465199.0	73.1	59.6	50.7
144	2015/07/30	14:42:03	56.4	434458.0	74.6	60.4	53.7
145	2015/07/30	14:42:08	62.6	1824280.5	80.6	64.5	54.0
146	2015/07/30	14:42:13	60.8	1212841.2	74.5	64.4	60.7
147	2015/07/30	14:42:18	52.8	192209.5	67.8	60.9	51.1
148	2015/07/30	14:42:23	56.1	403525.0	73.3	59.1	51.0
149	2015/07/30	14:42:28	59.4	866669.0	77.1	62.4	54.5
150	2015/07/30	14:42:33	54.9	312335.4	68.8	56.4	52.6
151	2015/07/30	14:42:38	55.9	388875.1	74.2	58.7	51.9
152	2015/07/30	14:42:43	46.7	46574.4	63.4	51.9	45.4
153	2015/07/30	14:42:48	44.7	29186.4	58.0	45.4	44.2
154	2015/07/30	14:42:53	50.3	107814.1	69.4	53.8	44.9
155	2015/07/30	14:42:58	60.1	1035056.2	75.1	61.7	53.9
156	2015/07/30	14:43:03	52.1	163475.9	65.7	57.6	51.8
157	2015/07/30	14:43:08	61.4	1369993.1	75.9	62.4	53.0
158	2015/07/30	14:43:13	55.5	355623.4	73.9	61.4	52.7
159	2015/07/30	14:43:18	56.8	479437.0	72.3	58.0	53.3
160	2015/07/30	14:43:23	54.5	281145.2	68.1	57.9	53.7
161	2015/07/30	14:43:28	55.0	317167.7	69.3	56.7	52.5
162	2015/07/30	14:43:33	49.2	83322.9	63.3	52.5	48.5
163	2015/07/30	14:43:38	48.2	66023.4	60.8	49.0	47.7
164	2015/07/30	14:43:43	51.1	128226.0	65.0	51.6	47.9
165	2015/07/30	14:43:48	61.7	1476890.0	77.3	63.8	51.6
166	2015/07/30	14:43:53	51.1	129770.6	68.0	61.0	48.4
167	2015/07/30	14:43:58	45.9	38921.5	58.9	48.4	45.8
168	2015/07/30	14:44:03	50.3	107876.2	65.8	53.3	45.6
169	2015/07/30	14:44:08	62.1	1636114.8	78.0	64.5	53.3
170	2015/07/30	14:44:13	54.2	262376.4	70.3	59.0	53.4
171	2015/07/30	14:44:18	55.0	315778.1	68.9	56.8	52.7
172	2015/07/30	14:44:23	60.8	1191179.8	75.9	62.3	52.9
173	2015/07/30	14:44:28	51.5	139772.8	69.5	61.5	47.8
174	2015/07/30	14:44:33	43.6	22975.3	57.7	47.7	43.4
175	2015/07/30	14:44:38	44.7	29372.9	58.5	45.6	43.3
176	2015/07/30	14:44:43	52.3	171233.2	68.3	55.4	45.7
177	2015/07/30	14:44:48	58.0	636153.3	71.9	59.5	54.8
178	2015/07/30	14:44:53	48.5	70410.8	62.3	54.8	48.1
179	2015/07/30	14:44:58	49.1	80993.7	65.5	50.3	47.8
180	2015/07/30	14:45:03	60.4	1092703.0	74.7	62.2	50.3
181	2015/07/30	14:45:08	57.1	517061.9	71.8	61.5	55.2
182	2015/07/30	14:45:13	58.4	696851.2	73.1	60.0	57.1
183	2015/07/30	14:45:18	62.1	1626741.7	76.8	63.0	58.7
184	2015/07/30	14:45:23	60.2	1036875.2	75.9	62.3	58.4

7722 Encinitas HEU
Noise Measurement Data

MEASUREMENT 8 Leq = 61.2

Record #	Date	Time	LAeq		LApeak	LASmax	LASmin
4	2015/07/30	13:26:30	63.7	2338651.6	78.4	64.3	60.7
5	2015/07/30	13:26:35	61.5	1407103.7	77.8	63.8	60.7
6	2015/07/30	13:26:40	61.7	1476899.1	75.5	62.0	60.6
7	2015/07/30	13:26:45	60.2	1047355.0	74.8	61.5	59.3
8	2015/07/30	13:26:50	60.3	1064670.4	73.7	61.1	58.8
9	2015/07/30	13:26:55	52.7	187633.9	69.4	58.8	52.0
10	2015/07/30	13:27:00	58.6	721069.8	73.5	60.8	52.0
11	2015/07/30	13:27:05	57.6	577591.4	71.9	60.9	55.8
12	2015/07/30	13:27:10	57.8	607502.4	73.3	59.4	54.4
13	2015/07/30	13:27:15	59.3	856955.4	74.1	60.2	58.6
14	2015/07/30	13:27:20	53.7	232809.8	69.7	59.2	51.9
15	2015/07/30	13:27:25	59.8	961473.3	79.9	60.4	53.1
16	2015/07/30	13:27:30	57.6	571029.5	72.1	58.7	56.7
17	2015/07/30	13:27:35	54.7	292693.0	70.7	57.7	52.0
18	2015/07/30	13:27:40	56.7	472848.8	71.5	59.2	52.3
19	2015/07/30	13:27:45	49.7	93767.9	62.6	52.3	49.6
20	2015/07/30	13:27:50	54.5	279572.6	71.9	55.6	50.1
21	2015/07/30	13:27:55	56.0	398034.1	70.7	57.1	54.8
22	2015/07/30	13:28:00	56.6	454586.8	71.0	58.1	54.0
23	2015/07/30	13:28:05	54.8	301907.3	72.6	58.0	51.7
24	2015/07/30	13:28:10	61.8	1512849.9	74.6	62.2	58.0
25	2015/07/30	13:28:15	63.7	2349405.3	76.8	64.1	61.5
26	2015/07/30	13:28:20	61.5	1404119.6	77.6	63.8	58.8
27	2015/07/30	13:28:25	63.0	2017013.8	76.6	64.2	61.8
28	2015/07/30	13:28:30	63.5	2259809.4	78.1	64.9	60.8
29	2015/07/30	13:28:35	62.0	1601519.5	78.4	65.1	58.5
30	2015/07/30	13:28:40	62.1	1633237.4	75.5	62.9	58.7
31	2015/07/30	13:28:45	62.4	1737014.0	76.1	63.6	61.1
32	2015/07/30	13:28:50	57.8	607173.8	72.3	63.0	55.3
33	2015/07/30	13:28:55	59.9	983124.8	76.0	61.3	55.0
34	2015/07/30	13:29:00	51.5	140676.5	66.5	58.5	51.3
35	2015/07/30	13:29:05	57.0	501531.2	72.0	58.4	51.5
36	2015/07/30	13:29:10	59.7	923967.4	73.8	60.4	58.4
37	2015/07/30	13:29:15	61.2	1315777.9	74.3	61.8	60.2
38	2015/07/30	13:29:20	56.4	438620.3	78.6	60.6	53.3
39	2015/07/30	13:29:25	49.8	94704.3	66.5	53.3	49.5
40	2015/07/30	13:29:30	50.5	112402.3	63.4	50.7	49.7
41	2015/07/30	13:29:35	56.9	491954.2	74.0	59.6	50.5
42	2015/07/30	13:29:40	61.1	1281732.0	77.0	62.4	58.9
43	2015/07/30	13:29:45	55.1	326968.7	72.1	61.9	50.7
44	2015/07/30	13:29:50	48.2	66612.2	66.4	50.7	47.9
45	2015/07/30	13:29:55	47.7	58860.8	63.0	48.4	47.4
46	2015/07/30	13:30:00	49.1	80660.3	62.1	49.4	47.6
47	2015/07/30	13:30:05	51.7	149362.0	66.3	52.9	49.4
48	2015/07/30	13:30:10	63.0	2010011.9	78.7	65.3	52.9
49	2015/07/30	13:30:15	65.0	3169986.7	79.8	66.6	62.6
50	2015/07/30	13:30:20	61.6	1461583.2	75.7	62.8	60.5
51	2015/07/30	13:30:25	60.2	1036810.5	80.4	62.0	57.0
52	2015/07/30	13:30:30	60.4	1087892.5	75.2	61.9	55.9
53	2015/07/30	13:30:35	61.8	1506277.2	75.8	62.9	59.3
54	2015/07/30	13:30:40	63.8	2392130.9	78.5	64.3	62.7
55	2015/07/30	13:30:45	61.1	1293562.5	75.3	63.6	60.1
56	2015/07/30	13:30:50	63.2	2104670.9	76.5	63.7	61.5
57	2015/07/30	13:30:55	60.0	1003419.2	74.4	63.2	58.7
58	2015/07/30	13:31:00	58.8	754123.0	74.9	61.0	56.5
59	2015/07/30	13:31:05	60.9	1223612.2	83.8	62.1	59.3
60	2015/07/30	13:31:10	60.2	1042333.1	83.6	61.6	58.9
61	2015/07/30	13:31:15	62.9	1935010.3	77.7	64.6	60.6
62	2015/07/30	13:31:20	61.4	1393420.7	76.5	63.9	57.2
63	2015/07/30	13:31:25	61.6	1452404.7	78.9	63.9	59.1
64	2015/07/30	13:31:30	62.2	1657942.2	76.5	63.5	59.3
65	2015/07/30	13:31:35	64.2	2657310.4	79.1	65.4	63.2
66	2015/07/30	13:31:40	70.5	11282743.2	84.8	71.6	65.4
67	2015/07/30	13:31:45	65.3	3407641.7	79.1	69.9	64.9
68	2015/07/30	13:31:50	61.2	1312438.6	79.0	65.5	56.2
69	2015/07/30	13:31:55	51.5	141364.6	70.9	56.2	51.2
70	2015/07/30	13:32:00	59.5	887615.0	83.7	63.1	52.5
71	2015/07/30	13:32:05	60.5	1110952.5	77.9	64.2	54.5
72	2015/07/30	13:32:10	62.3	1686680.6	78.4	64.4	54.1
73	2015/07/30	13:32:15	64.1	2576226.5	78.3	64.8	63.5
74	2015/07/30	13:32:20	64.1	2595478.1	76.7	64.6	63.7
75	2015/07/30	13:32:25	61.6	1439146.8	75.4	63.9	60.4
76	2015/07/30	13:32:30	61.9	1554291.7	75.9	62.9	61.0
77	2015/07/30	13:32:35	64.0	2509716.3	77.0	64.4	62.4
78	2015/07/30	13:32:40	59.1	808699.8	74.4	63.7	54.4
79	2015/07/30	13:32:45	50.7	118015.7	64.6	54.4	49.9
80	2015/07/30	13:32:50	49.2	83901.9	65.3	50.1	48.8
81	2015/07/30	13:32:55	59.5	893966.8	78.0	63.6	48.7
82	2015/07/30	13:33:00	72.9	19477774.7	88.8	75.3	63.6
83	2015/07/30	13:33:05	61.6	1434848.9	77.2	70.4	59.8
84	2015/07/30	13:33:10	55.9	392475.9	72.5	59.8	54.3
85	2015/07/30	13:33:15	62.1	1605415.3	76.2	63.5	56.9
86	2015/07/30	13:33:20	50.3	106563.8	63.5	58.4	50.4
87	2015/07/30	13:33:25	60.0	1008854.3	75.6	61.6	51.4
88	2015/07/30	13:33:30	64.9	3126000.3	78.4	66.0	61.6
89	2015/07/30	13:33:35	60.4	1105761.6	75.0	64.2	58.9
90	2015/07/30	13:33:40	60.1	1033933.0	75.3	62.9	56.7
91	2015/07/30	13:33:45	61.9	1543310.4	76.1	63.7	56.5
92	2015/07/30	13:33:50	61.1	1298256.8	76.8	64.0	59.7
93	2015/07/30	13:33:55	61.5	1411718.9	75.4	61.9	60.8

7722 Encinitas HEU
Noise Measurement Data

94	2015/07/30	13:34:00	64.1	2599872.7	77.5	64.4	61.8
95	2015/07/30	13:34:05	65.8	3775035.9	80.5	66.6	63.7
96	2015/07/30	13:34:10	65.2	3292972.0	79.5	66.9	63.3
97	2015/07/30	13:34:15	56.5	446792.3	73.4	63.3	55.4
98	2015/07/30	13:34:20	60.5	1126892.7	75.0	61.4	56.0
99	2015/07/30	13:34:25	61.2	1317289.3	75.1	62.6	59.2
100	2015/07/30	13:34:30	52.2	166824.8	72.2	60.9	49.0
101	2015/07/30	13:34:35	50.9	124191.8	65.7	53.1	48.3
102	2015/07/30	13:34:40	61.9	1548727.4	77.5	63.5	53.1
103	2015/07/30	13:34:45	62.0	1572647.0	77.1	63.1	61.2
104	2015/07/30	13:34:50	55.6	361422.4	71.1	61.2	53.6
105	2015/07/30	13:34:55	61.2	1330903.8	77.1	63.4	54.2
106	2015/07/30	13:35:00	59.6	919314.2	76.3	63.9	54.2
107	2015/07/30	13:35:05	59.4	872126.7	73.1	60.8	54.0
108	2015/07/30	13:35:10	60.3	1071207.6	76.2	61.3	58.4
109	2015/07/30	13:35:15	55.4	342975.5	69.6	58.4	55.3
110	2015/07/30	13:35:20	53.8	239597.1	68.8	55.5	53.0
111	2015/07/30	13:35:25	55.3	338319.8	72.0	56.6	54.3
112	2015/07/30	13:35:30	52.3	168756.4	67.7	54.5	51.0
113	2015/07/30	13:35:35	54.4	275070.2	69.1	55.9	52.7
114	2015/07/30	13:35:40	62.8	1915015.9	78.1	64.8	53.0
115	2015/07/30	13:35:45	63.5	2241383.3	80.1	64.8	61.8
116	2015/07/30	13:35:50	60.6	1152012.2	76.7	62.5	57.3
117	2015/07/30	13:35:55	58.2	657095.5	74.9	61.6	52.9
118	2015/07/30	13:36:00	63.9	2476983.9	77.3	64.4	61.5
119	2015/07/30	13:36:05	66.2	4213366.2	81.6	67.6	63.8
120	2015/07/30	13:36:10	64.7	2974290.1	79.5	65.8	63.1
121	2015/07/30	13:36:15	56.7	467719.2	70.6	63.1	54.8
122	2015/07/30	13:36:20	51.5	142718.8	65.8	54.8	51.3
123	2015/07/30	13:36:25	62.1	1614631.5	75.9	63.8	52.3
124	2015/07/30	13:36:30	65.8	3842782.8	80.8	67.4	62.8
125	2015/07/30	13:36:35	65.6	3593379.5	78.3	67.3	64.9
126	2015/07/30	13:36:40	57.9	622264.6	73.9	64.9	54.4
127	2015/07/30	13:36:45	59.8	947220.5	74.0	61.0	54.4
128	2015/07/30	13:36:50	59.9	977235.0	74.4	61.5	56.7
129	2015/07/30	13:36:55	55.8	380640.1	70.0	57.0	54.1
130	2015/07/30	13:37:00	58.8	760863.0	73.2	60.4	55.5
131	2015/07/30	13:37:05	67.9	6106255.8	86.2	72.3	55.4
132	2015/07/30	13:37:10	62.1	1615895.7	76.8	68.3	60.7
133	2015/07/30	13:37:15	62.6	1825545.2	75.3	63.6	60.3
134	2015/07/30	13:37:20	60.9	1222521.8	75.9	63.5	57.2
135	2015/07/30	13:37:25	53.4	219035.0	67.7	57.2	52.8
136	2015/07/30	13:37:30	59.3	845328.7	73.9	60.6	54.8
137	2015/07/30	13:37:35	60.4	1093282.8	82.0	62.4	55.7
138	2015/07/30	13:37:40	52.4	173601.9	69.5	60.4	50.6
139	2015/07/30	13:37:45	57.4	546777.8	75.3	60.6	50.6
140	2015/07/30	13:37:50	62.6	1813099.8	75.6	62.9	60.6
141	2015/07/30	13:37:55	57.7	590245.5	73.2	62.0	55.4
142	2015/07/30	13:38:00	60.7	1175739.1	76.8	61.4	59.0
143	2015/07/30	13:38:05	63.3	2157664.9	78.2	64.2	60.0
144	2015/07/30	13:38:10	62.5	1775992.6	76.5	64.1	61.8
145	2015/07/30	13:38:15	59.1	811709.4	76.0	63.3	54.5
146	2015/07/30	13:38:20	50.7	118585.5	63.2	54.5	50.2
147	2015/07/30	13:38:25	57.0	504306.2	72.6	59.7	50.1
148	2015/07/30	13:38:30	59.1	822154.1	72.7	60.2	58.0
149	2015/07/30	13:38:35	55.1	327004.6	70.2	59.2	51.4
150	2015/07/30	13:38:40	58.6	716466.7	72.8	61.0	51.2
151	2015/07/30	13:38:45	53.5	221887.2	70.6	60.8	51.4
152	2015/07/30	13:38:50	61.7	1466143.9	77.9	63.1	52.4
153	2015/07/30	13:38:55	62.1	1621246.9	83.8	63.8	60.5
154	2015/07/30	13:39:00	64.5	2797094.6	77.8	65.1	61.5
155	2015/07/30	13:39:05	62.7	1841747.9	77.6	65.1	58.0
156	2015/07/30	13:39:10	56.5	442567.7	74.0	59.4	54.0
157	2015/07/30	13:39:15	57.8	609095.7	73.2	59.6	55.3
158	2015/07/30	13:39:20	62.1	1615999.3	77.9	63.8	59.1
159	2015/07/30	13:39:25	61.4	1385353.9	76.3	63.2	58.1
160	2015/07/30	13:39:30	59.8	960193.0	76.0	60.4	57.4
161	2015/07/30	13:39:35	59.2	839882.9	74.5	61.7	54.5
162	2015/07/30	13:39:40	50.3	106729.6	63.8	54.5	49.8
163	2015/07/30	13:39:45	55.9	388031.0	70.1	57.0	49.8
164	2015/07/30	13:39:50	49.4	87344.0	65.5	56.3	47.8
165	2015/07/30	13:39:55	47.3	53971.2	61.8	47.9	46.9
166	2015/07/30	13:40:00	50.3	108339.7	66.6	53.5	46.6
167	2015/07/30	13:40:05	62.0	1568916.2	77.0	63.5	53.6
168	2015/07/30	13:40:10	62.5	1774417.7	79.8	63.8	61.0
169	2015/07/30	13:40:15	61.4	1370876.6	74.9	62.7	60.4
170	2015/07/30	13:40:20	63.3	2132891.7	76.9	64.1	62.1
171	2015/07/30	13:40:25	64.4	2757492.7	79.4	65.6	61.5
172	2015/07/30	13:40:30	60.8	1196390.2	76.9	65.3	55.6
173	2015/07/30	13:40:35	49.4	87534.9	62.1	55.5	48.1
174	2015/07/30	13:40:40	48.0	62480.5	60.7	48.5	47.5
175	2015/07/30	13:40:45	56.3	426702.7	76.5	59.6	48.0
176	2015/07/30	13:40:50	63.2	2105316.2	76.5	64.0	59.6
177	2015/07/30	13:40:55	63.2	2065526.0	77.2	63.5	62.6
178	2015/07/30	13:41:00	62.4	1739632.6	76.2	64.1	60.5
179	2015/07/30	13:41:05	59.1	811891.2	78.8	60.7	56.8
180	2015/07/30	13:41:10	53.7	236988.3	69.9	60.3	50.8
181	2015/07/30	13:41:15	52.1	162914.0	68.8	53.7	50.2
182	2015/07/30	13:41:20	58.6	725749.6	74.1	60.2	53.8
183	2015/07/30	13:41:25	48.0	63250.9	64.4	54.5	47.7
184	2015/07/30	13:41:30	50.0	98904.9	62.0	49.5	48.2

7722 Encinitas HEU
Noise Measurement Data

MEASUREMENT 9 Leq = 61.3

Record #	Date	Time	LAeq		LApeak	LASmax	LASmin
3	2015/07/30	12:44:58	57.9	614725.2	74.6	59.3	57.8
4	2015/07/30	12:45:03	58.3	668667.5	84.6	58.8	57.7
5	2015/07/30	12:45:08	64.7	2943673.4	100.7	69.4	58.3
6	2015/07/30	12:45:13	60.8	1202832.5	74.1	62.9	60.8
7	2015/07/30	12:45:18	63.2	2081864.5	78.1	65.5	60.8
8	2015/07/30	12:45:23	64.0	2518947.9	81.8	66.7	61.3
9	2015/07/30	12:45:28	61.9	1553908.1	76.0	63.0	60.0
10	2015/07/30	12:45:33	59.2	831971.4	72.1	60.0	58.7
11	2015/07/30	12:45:38	58.4	695272.5	73.9	59.9	57.1
12	2015/07/30	12:45:43	57.1	511476.0	73.2	58.1	56.4
13	2015/07/30	12:45:48	60.0	999672.4	72.7	60.7	58.1
14	2015/07/30	12:45:53	59.6	904393.0	75.0	61.0	58.1
15	2015/07/30	12:45:58	60.4	1097510.6	75.3	62.0	57.8
16	2015/07/30	12:46:03	61.7	1475431.3	75.8	62.1	61.3
17	2015/07/30	12:46:08	61.7	1495850.6	74.2	62.2	61.3
18	2015/07/30	12:46:13	60.3	1063694.6	74.3	61.6	59.7
19	2015/07/30	12:46:18	60.0	1009927.9	76.1	61.1	58.6
20	2015/07/30	12:46:23	57.5	565470.7	71.9	58.6	57.0
21	2015/07/30	12:46:28	59.3	850599.0	72.2	60.1	57.2
22	2015/07/30	12:46:33	57.6	573883.6	71.1	59.8	57.0
23	2015/07/30	12:46:38	56.5	444603.9	69.2	57.2	56.3
24	2015/07/30	12:46:43	57.9	618449.7	70.3	58.4	56.6
25	2015/07/30	12:46:48	57.7	582269.6	76.2	58.2	57.2
26	2015/07/30	12:46:53	58.0	624783.3	71.3	58.1	57.3
27	2015/07/30	12:46:58	57.6	575779.0	71.4	58.5	56.6
28	2015/07/30	12:47:03	56.8	478860.9	70.5	57.4	56.3
29	2015/07/30	12:47:08	56.3	425557.8	69.7	57.4	55.4
30	2015/07/30	12:47:13	55.1	324558.5	69.3	55.6	54.7
31	2015/07/30	12:47:18	56.3	422615.0	69.9	56.7	54.6
32	2015/07/30	12:47:23	58.4	686279.3	71.8	59.1	56.6
33	2015/07/30	12:47:28	58.5	705252.2	73.1	59.5	57.4
34	2015/07/30	12:47:33	60.2	1041862.6	74.2	61.5	58.8
35	2015/07/30	12:47:38	61.3	1337036.5	74.3	62.0	60.7
36	2015/07/30	12:47:43	60.5	1114804.9	80.2	61.3	59.9
37	2015/07/30	12:47:48	57.5	562389.7	75.5	59.9	57.0
38	2015/07/30	12:47:53	61.7	1491294.4	78.9	62.7	57.4
39	2015/07/30	12:47:58	63.1	2044161.5	82.3	65.7	59.4
40	2015/07/30	12:48:03	61.0	1264407.7	74.6	62.5	58.5
41	2015/07/30	12:48:08	57.8	597583.3	73.1	62.2	56.5
42	2015/07/30	12:48:13	56.0	393706.8	76.7	56.7	55.8
43	2015/07/30	12:48:18	55.7	371849.0	68.3	56.1	55.5
44	2015/07/30	12:48:23	56.4	434374.1	75.0	57.6	55.2
45	2015/07/30	12:48:28	61.7	1470675.0	77.6	63.1	57.6
46	2015/07/30	12:48:33	56.5	442968.6	76.0	60.9	56.1
47	2015/07/30	12:48:38	56.2	421082.5	71.4	56.5	55.7
48	2015/07/30	12:48:43	56.4	433762.5	74.7	56.9	55.9
49	2015/07/30	12:48:48	59.3	850928.6	78.9	60.2	56.9
50	2015/07/30	12:48:53	60.9	1244127.9	78.5	62.9	58.0
51	2015/07/30	12:48:58	61.3	1356694.8	78.0	64.0	59.1
52	2015/07/30	12:49:03	62.8	1897641.9	79.2	64.3	59.2
53	2015/07/30	12:49:08	61.7	1481855.1	77.8	64.2	60.3
54	2015/07/30	12:49:13	58.6	731182.7	72.2	60.2	57.8
55	2015/07/30	12:49:18	56.0	395177.2	68.0	57.8	55.7
56	2015/07/30	12:49:23	56.7	463436.7	73.3	57.4	55.7
57	2015/07/30	12:49:28	62.4	1723497.0	81.9	63.4	57.4
58	2015/07/30	12:49:33	61.1	1293109.2	74.9	62.7	60.5
59	2015/07/30	12:49:38	61.3	1335678.4	77.9	62.1	60.5
60	2015/07/30	12:49:43	62.0	1598752.1	77.0	64.2	59.5
61	2015/07/30	12:49:48	61.4	1368714.5	78.0	62.1	59.4
62	2015/07/30	12:49:53	60.6	1135562.1	74.2	61.9	60.2
63	2015/07/30	12:49:58	57.6	570780.8	71.5	60.6	57.0
64	2015/07/30	12:50:03	58.9	776323.8	74.0	61.0	56.8
65	2015/07/30	12:50:08	62.4	1724419.2	78.2	63.4	60.4
66	2015/07/30	12:50:13	61.3	1359825.3	74.0	62.1	60.2
67	2015/07/30	12:50:18	60.6	1146814.7	75.7	62.0	59.2
68	2015/07/30	12:50:23	60.4	1109049.3	73.3	61.2	59.0
69	2015/07/30	12:50:28	61.4	1382714.7	75.5	62.7	60.6
70	2015/07/30	12:50:33	63.8	2388328.7	77.3	64.9	61.4
71	2015/07/30	12:50:38	65.1	3220538.3	82.1	65.6	64.6
72	2015/07/30	12:50:43	64.7	2945991.0	78.3	65.0	64.2
73	2015/07/30	12:50:48	64.1	2572355.4	79.5	64.8	63.8
74	2015/07/30	12:50:53	65.3	3420278.2	79.0	65.9	64.1
75	2015/07/30	12:50:58	63.4	2197013.5	79.1	65.4	63.0
76	2015/07/30	12:51:03	63.7	2352230.1	76.7	64.3	63.1
77	2015/07/30	12:51:08	61.3	1360425.1	76.1	63.5	60.3
78	2015/07/30	12:51:13	60.1	1012664.8	73.2	60.6	59.5
79	2015/07/30	12:51:18	62.2	1658542.3	76.1	62.9	60.6
80	2015/07/30	12:51:23	60.3	1080893.6	73.6	61.7	59.9
81	2015/07/30	12:51:28	60.6	1158756.8	74.8	61.8	59.7
82	2015/07/30	12:51:33	63.1	2057403.1	78.5	63.4	61.8
83	2015/07/30	12:51:38	62.3	1679135.8	75.5	63.3	62.0
84	2015/07/30	12:51:43	62.3	1699970.1	80.4	64.1	60.7
85	2015/07/30	12:51:48	59.3	847181.0	71.9	62.3	59.0
86	2015/07/30	12:51:53	59.9	967065.9	73.5	60.4	59.4
87	2015/07/30	12:51:58	59.3	856643.8	74.1	59.9	59.0
88	2015/07/30	12:52:03	63.2	2080500.8	77.1	64.9	59.9
89	2015/07/30	12:52:08	66.5	4427943.7	84.3	67.8	64.9
90	2015/07/30	12:52:13	63.6	2272403.1	77.0	64.9	63.1
91	2015/07/30	12:52:18	62.6	1827118.9	75.8	64.4	60.3
92	2015/07/30	12:52:23	58.4	689885.1	80.8	60.3	57.9

7722 Encinitas HEU
Noise Measurement Data

93	2015/07/30	12:52:28	59.4	877774.6	84.9	60.4	57.8
94	2015/07/30	12:52:33	62.0	1583258.3	77.7	63.1	60.2
95	2015/07/30	12:52:38	58.5	704805.0	72.2	60.4	58.3
96	2015/07/30	12:52:43	61.3	1341817.8	80.6	62.6	58.3
97	2015/07/30	12:52:48	62.0	1579946.4	76.9	62.9	61.0
98	2015/07/30	12:52:53	60.8	1196658.2	74.0	62.6	59.5
99	2015/07/30	12:52:58	61.5	1426598.7	76.0	62.6	60.5
100	2015/07/30	12:53:03	63.9	2441380.2	82.8	64.2	62.6
101	2015/07/30	12:53:08	60.9	1233509.9	76.8	63.8	59.2
102	2015/07/30	12:53:13	62.9	1944365.6	83.2	65.8	59.5
103	2015/07/30	12:53:18	62.5	1790918.4	76.6	65.9	60.0
104	2015/07/30	12:53:23	59.2	840805.6	73.2	60.6	58.6
105	2015/07/30	12:53:28	59.6	904859.4	76.4	60.8	58.3
106	2015/07/30	12:53:33	56.8	482024.2	70.0	58.4	56.4
107	2015/07/30	12:53:38	61.6	1449751.0	81.1	63.2	57.1
108	2015/07/30	12:53:43	63.6	2293155.9	77.8	64.4	63.0
109	2015/07/30	12:53:48	61.8	1526747.9	75.5	63.1	61.3
110	2015/07/30	12:53:53	63.4	2165392.2	82.5	64.1	62.1
111	2015/07/30	12:53:58	61.3	1346812.6	75.5	64.0	59.5
112	2015/07/30	12:54:03	60.6	1145990.0	76.3	61.8	59.3
113	2015/07/30	12:54:08	59.1	806450.4	74.3	61.6	58.1
114	2015/07/30	12:54:13	57.5	568301.0	69.6	58.2	57.4
115	2015/07/30	12:54:18	61.3	1335072.0	79.2	61.9	57.7
116	2015/07/30	12:54:23	62.1	1640446.3	76.0	62.6	61.4
117	2015/07/30	12:54:28	61.7	1491773.9	76.6	63.4	59.9
118	2015/07/30	12:54:33	57.7	586276.2	71.0	59.9	57.1
119	2015/07/30	12:54:38	56.9	485530.7	70.6	57.3	56.6
120	2015/07/30	12:54:43	56.5	448114.4	69.4	57.0	56.3
121	2015/07/30	12:54:48	56.6	456028.1	70.0	56.9	56.4
122	2015/07/30	12:54:53	56.2	420167.3	68.9	56.6	55.7
123	2015/07/30	12:54:58	59.9	969668.7	73.8	61.1	56.4
124	2015/07/30	12:55:03	57.6	577587.3	70.3	59.9	57.5
125	2015/07/30	12:55:08	62.9	1937466.1	80.1	65.9	57.3
126	2015/07/30	12:55:13	70.2	10368187.0	87.1	72.3	65.9
127	2015/07/30	12:55:18	69.5	8842408.8	85.0	71.1	66.3
128	2015/07/30	12:55:23	71.5	14061474.2	85.1	74.0	65.8
129	2015/07/30	12:55:28	64.3	2683043.9	80.0	65.8	63.7
130	2015/07/30	12:55:33	62.7	1844506.6	78.3	65.1	62.3
131	2015/07/30	12:55:38	64.3	2715807.1	83.6	65.0	62.8
132	2015/07/30	12:55:43	62.7	1861196.3	77.4	64.8	60.6
133	2015/07/30	12:55:48	59.9	983365.7	73.0	60.6	59.8
134	2015/07/30	12:55:53	59.3	854048.8	71.9	59.9	58.8
135	2015/07/30	12:55:58	60.1	1028792.9	74.6	61.2	58.9
136	2015/07/30	12:56:03	58.7	737702.1	78.7	61.1	57.2
137	2015/07/30	12:56:08	56.6	460101.1	71.6	57.5	56.2
138	2015/07/30	12:56:13	63.1	2062128.8	78.0	64.8	57.6
139	2015/07/30	12:56:18	57.7	586203.1	72.6	63.0	57.2
140	2015/07/30	12:56:23	58.3	676308.6	73.6	59.7	56.7
141	2015/07/30	12:56:28	55.4	349958.6	68.6	56.7	55.1
142	2015/07/30	12:56:33	59.5	899664.5	78.3	60.8	55.8
143	2015/07/30	12:56:38	56.6	453855.1	69.7	59.3	56.0
144	2015/07/30	12:56:43	56.3	430478.2	69.1	56.6	56.0
145	2015/07/30	12:56:48	57.0	505122.4	71.6	57.3	56.6
146	2015/07/30	12:56:53	56.8	479960.8	69.4	57.3	56.6
147	2015/07/30	12:56:58	57.1	511397.4	69.8	57.5	56.6
148	2015/07/30	12:57:03	57.5	563770.1	70.0	58.1	56.9
149	2015/07/30	12:57:08	60.9	1226065.2	74.4	62.2	58.0
150	2015/07/30	12:57:13	62.5	1788649.8	77.7	64.0	60.7
151	2015/07/30	12:57:18	57.3	534980.4	70.6	60.7	56.3
152	2015/07/30	12:57:23	56.2	414765.7	68.8	56.7	55.9
153	2015/07/30	12:57:28	57.1	516285.9	72.3	57.5	55.9
154	2015/07/30	12:57:33	56.1	405605.6	68.9	57.2	55.5
155	2015/07/30	12:57:38	55.5	358247.2	79.3	56.1	55.2
156	2015/07/30	12:57:43	58.9	778570.4	76.3	60.0	56.2
157	2015/07/30	12:57:48	60.4	1093307.8	73.9	61.0	59.7
158	2015/07/30	12:57:53	61.2	1316919.1	78.1	62.1	59.9
159	2015/07/30	12:57:58	59.3	842539.2	76.9	61.3	57.6
160	2015/07/30	12:58:03	56.3	427486.8	69.7	57.6	56.0
161	2015/07/30	12:58:08	58.4	692079.2	77.1	59.5	56.3
162	2015/07/30	12:58:13	55.9	385698.6	69.1	58.1	55.5
163	2015/07/30	12:58:18	55.6	365961.1	68.8	55.9	55.4
164	2015/07/30	12:58:23	56.2	412845.5	70.1	57.3	55.2
165	2015/07/30	12:58:28	59.2	827170.3	73.8	60.4	57.3
166	2015/07/30	12:58:33	61.4	1383623.4	75.6	62.4	58.0
167	2015/07/30	12:58:38	62.2	1663834.6	76.5	63.5	61.0
168	2015/07/30	12:58:43	64.1	2563171.2	85.3	65.3	62.5
169	2015/07/30	12:58:48	61.6	1444846.5	75.9	62.5	61.4
170	2015/07/30	12:58:53	63.6	2307935.4	76.7	63.9	61.9
171	2015/07/30	12:58:58	65.0	3137460.1	79.9	65.9	63.6
172	2015/07/30	12:59:03	63.6	2298304.0	77.5	64.8	63.3
173	2015/07/30	12:59:08	62.7	1854409.5	76.7	64.0	61.8
174	2015/07/30	12:59:13	64.5	2812018.0	77.5	65.1	63.0
175	2015/07/30	12:59:18	60.0	1010371.6	75.6	64.1	58.5
176	2015/07/30	12:59:23	58.9	783196.8	78.9	59.6	58.2
177	2015/07/30	12:59:28	56.8	482502.0	70.1	58.6	56.3
178	2015/07/30	12:59:33	57.2	528269.8	85.5	59.6	56.1
179	2015/07/30	12:59:38	56.7	467493.3	70.1	57.3	56.3
180	2015/07/30	12:59:43	56.7	465467.1	78.7	57.1	56.4
181	2015/07/30	12:59:48	56.2	414336.7	70.1	56.7	55.9
182	2015/07/30	12:59:53	62.1	1633309.1	79.3	63.8	56.0
183	2015/07/30	12:59:58	64.1	2564756.7	84.9	64.5	63.5

7722 Encinitas HEU
Noise Measurement Data

MEASUREMENT 10 Leq = 56.7

Record #	Date	Time	LAeq	LApk	LASmax	LASmin	
4	2015/07/30	12:00:01	51.5	141881.3	66.3	53.5	49.8
5	2015/07/30	12:00:06	57.2	519335.0	71.5	57.6	53.6
6	2015/07/30	12:00:11	54.1	259060.2	70.0	57.1	52.4
7	2015/07/30	12:00:16	54.6	286045.4	69.4	56.1	52.4
8	2015/07/30	12:00:21	52.8	190362.0	66.7	53.7	52.2
9	2015/07/30	12:00:26	52.2	166262.8	66.4	53.5	50.8
10	2015/07/30	12:00:31	51.1	130199.4	64.0	51.8	50.1
11	2015/07/30	12:00:36	55.6	366369.0	70.8	56.2	51.8
12	2015/07/30	12:00:41	56.8	474947.6	74.1	58.2	55.3
13	2015/07/30	12:00:46	51.1	129997.0	70.7	56.4	49.9
14	2015/07/30	12:00:51	51.5	141690.0	66.0	52.0	50.1
15	2015/07/30	12:00:56	56.1	405166.6	71.2	57.9	52.0
16	2015/07/30	12:01:01	55.8	382614.1	71.9	58.6	52.3
17	2015/07/30	12:01:06	49.1	80741.2	62.5	52.3	48.7
18	2015/07/30	12:01:11	52.9	195081.5	66.9	53.8	49.7
19	2015/07/30	12:01:16	52.0	159906.8	65.8	53.0	51.3
20	2015/07/30	12:01:21	51.1	129133.3	67.3	52.6	50.7
21	2015/07/30	12:01:26	52.6	181977.7	82.5	54.5	50.1
22	2015/07/30	12:01:31	56.1	411432.2	77.4	56.9	54.3
23	2015/07/30	12:01:36	51.7	148426.0	66.3	54.5	51.3
24	2015/07/30	12:01:41	55.8	376243.3	79.2	56.8	51.9
25	2015/07/30	12:01:46	59.1	818380.2	73.1	60.4	55.9
26	2015/07/30	12:01:51	57.2	526756.9	70.7	58.7	56.1
27	2015/07/30	12:01:56	51.4	138125.2	64.2	56.0	50.9
28	2015/07/30	12:02:01	51.6	146151.5	67.1	52.9	50.3
29	2015/07/30	12:02:06	58.4	689498.0	77.5	59.3	52.9
30	2015/07/30	12:02:11	57.3	542358.1	73.5	59.1	56.2
31	2015/07/30	12:02:16	55.3	336388.1	70.0	56.4	54.6
32	2015/07/30	12:02:21	57.7	594159.8	73.5	59.1	56.3
33	2015/07/30	12:02:26	56.5	444751.1	75.9	57.0	55.7
34	2015/07/30	12:02:31	55.5	352155.3	72.6	56.7	54.8
35	2015/07/30	12:02:36	52.4	173584.6	71.7	54.8	50.9
36	2015/07/30	12:02:41	52.1	162582.5	68.2	54.2	50.6
37	2015/07/30	12:02:46	55.6	362886.9	68.8	56.2	54.3
38	2015/07/30	12:02:51	52.8	192322.4	66.9	56.0	52.3
39	2015/07/30	12:02:56	56.0	395229.6	71.5	57.0	53.6
40	2015/07/30	12:03:01	56.1	409547.2	69.6	57.2	54.9
41	2015/07/30	12:03:06	56.1	409305.5	71.9	57.6	55.5
42	2015/07/30	12:03:11	56.3	425164.3	70.7	56.9	55.2
43	2015/07/30	12:03:16	58.0	632959.0	71.9	60.1	56.2
44	2015/07/30	12:03:21	55.6	365194.0	68.8	56.9	54.8
45	2015/07/30	12:03:26	60.4	1093318.4	74.1	61.7	56.9
46	2015/07/30	12:03:31	60.8	1196855.8	75.3	61.4	59.7
47	2015/07/30	12:03:36	64.9	3107859.6	79.7	66.5	61.5
48	2015/07/30	12:03:41	56.0	401490.3	74.8	62.3	53.6
49	2015/07/30	12:03:46	51.3	135559.8	65.0	53.6	51.0
50	2015/07/30	12:03:51	53.3	213626.9	69.5	54.9	50.9
51	2015/07/30	12:03:56	55.8	377480.4	72.0	57.2	54.3
52	2015/07/30	12:04:01	50.5	111106.7	63.4	54.2	50.6
53	2015/07/30	12:04:06	51.1	127752.2	63.8	51.4	50.5
54	2015/07/30	12:04:11	53.2	211030.4	71.7	54.4	51.1
55	2015/07/30	12:04:16	57.6	573605.9	73.1	60.2	54.4
56	2015/07/30	12:04:21	58.4	686551.3	78.7	59.5	54.8
57	2015/07/30	12:04:26	55.5	355769.6	80.2	59.0	54.9
58	2015/07/30	12:04:31	58.2	662438.0	73.4	58.7	55.3
59	2015/07/30	12:04:36	58.6	730985.5	73.6	59.5	57.9
60	2015/07/30	12:04:41	57.8	602202.9	73.4	58.6	57.2
61	2015/07/30	12:04:46	54.3	269887.8	69.4	58.3	53.2
62	2015/07/30	12:04:51	51.1	129280.5	64.9	53.2	49.7
63	2015/07/30	12:04:56	49.3	85030.0	67.5	50.0	48.7
64	2015/07/30	12:05:01	54.4	277221.5	68.3	57.3	49.3
65	2015/07/30	12:05:06	53.6	228462.3	74.7	58.0	48.9
66	2015/07/30	12:05:11	51.4	136959.2	71.7	57.7	50.7
67	2015/07/30	12:05:16	53.3	212908.6	68.6	55.3	50.3
68	2015/07/30	12:05:21	57.1	516549.0	72.9	58.1	55.3
69	2015/07/30	12:05:26	55.7	371198.3	81.1	58.1	54.6
70	2015/07/30	12:05:31	52.3	170636.9	65.0	54.6	51.4
71	2015/07/30	12:05:36	55.7	371488.0	77.9	57.0	51.7
72	2015/07/30	12:05:41	59.8	954718.2	78.2	61.8	56.6
73	2015/07/30	12:05:46	65.8	3837460.2	88.4	66.7	61.9
74	2015/07/30	12:05:51	59.6	907771.5	76.4	65.2	58.1
75	2015/07/30	12:05:56	57.7	590237.8	72.9	58.8	56.6
76	2015/07/30	12:06:01	55.8	377655.2	68.1	56.7	55.2
77	2015/07/30	12:06:06	57.2	522318.7	71.2	58.7	54.7
78	2015/07/30	12:06:11	59.4	864169.6	75.4	60.8	58.1
79	2015/07/30	12:06:16	57.3	534491.0	71.7	58.1	56.7
80	2015/07/30	12:06:21	59.0	796295.4	75.6	60.4	56.7
81	2015/07/30	12:06:26	60.5	1113694.1	81.3	64.5	56.9
82	2015/07/30	12:06:31	54.6	287505.4	71.5	56.9	54.5
83	2015/07/30	12:06:36	56.1	407763.5	69.1	57.0	54.5
84	2015/07/30	12:06:41	58.1	641100.8	72.2	59.3	56.3
85	2015/07/30	12:06:46	55.9	392453.8	69.8	57.4	55.4
86	2015/07/30	12:06:51	55.0	315301.1	68.8	56.2	53.9
87	2015/07/30	12:06:56	54.0	253952.6	68.7	55.3	52.8
88	2015/07/30	12:07:01	55.5	358417.8	75.0	57.8	53.3
89	2015/07/30	12:07:06	52.6	183952.3	71.1	53.7	52.0
90	2015/07/30	12:07:11	53.5	225783.1	70.1	54.3	52.6
91	2015/07/30	12:07:16	56.3	423628.9	72.9	56.8	54.3
92	2015/07/30	12:07:21	60.8	1198966.6	75.2	62.2	55.7
93	2015/07/30	12:07:26	57.7	583087.5	75.5	61.3	55.9

7722 Encinitas HEU
Noise Measurement Data

94	2015/07/30	12:07:31	56.3	427158.0	71.4	57.4	55.3
95	2015/07/30	12:07:36	56.9	486551.1	68.9	57.4	56.6
96	2015/07/30	12:07:41	56.7	464670.6	71.8	57.5	56.1
97	2015/07/30	12:07:46	56.5	449291.3	70.6	56.8	56.2
98	2015/07/30	12:07:51	56.5	451420.3	71.2	58.2	55.1
99	2015/07/30	12:07:56	54.9	307354.0	70.0	55.5	54.3
100	2015/07/30	12:08:01	57.2	521796.4	73.2	58.8	55.3
101	2015/07/30	12:08:06	55.2	329941.7	70.2	56.8	53.8
102	2015/07/30	12:08:11	56.0	396879.2	73.7	57.9	54.3
103	2015/07/30	12:08:16	55.1	326371.6	70.6	57.0	52.3
104	2015/07/30	12:08:21	53.0	200010.5	68.0	56.3	52.2
105	2015/07/30	12:08:26	51.4	136654.5	68.2	52.6	50.4
106	2015/07/30	12:08:31	54.6	285403.7	75.8	56.3	51.4
107	2015/07/30	12:08:36	57.1	515340.8	79.1	57.5	56.0
108	2015/07/30	12:08:41	57.1	513865.0	74.7	57.9	56.0
109	2015/07/30	12:08:46	56.3	427695.6	70.1	57.5	54.7
110	2015/07/30	12:08:51	55.0	313592.6	69.3	56.5	54.5
111	2015/07/30	12:08:56	56.4	433032.0	71.4	56.6	55.1
112	2015/07/30	12:09:01	55.8	382138.5	73.8	56.5	55.3
113	2015/07/30	12:09:06	58.4	685321.0	72.1	59.8	56.5
114	2015/07/30	12:09:11	57.4	544525.7	72.9	57.6	56.9
115	2015/07/30	12:09:16	57.6	574559.4	75.7	60.6	54.2
116	2015/07/30	12:09:21	54.4	277131.9	68.6	55.4	53.5
117	2015/07/30	12:09:26	57.5	558749.0	74.9	58.3	54.3
118	2015/07/30	12:09:31	54.0	251435.9	71.4	57.5	53.7
119	2015/07/30	12:09:36	53.7	234594.3	69.5	54.0	53.2
120	2015/07/30	12:09:41	56.4	439239.5	71.0	57.4	54.0
121	2015/07/30	12:09:46	55.3	338434.2	69.9	57.8	51.9
122	2015/07/30	12:09:51	52.5	177489.3	65.7	53.5	51.6
123	2015/07/30	12:09:56	57.0	502309.7	73.9	58.1	53.5
124	2015/07/30	12:10:01	58.0	637410.1	71.7	58.8	57.7
125	2015/07/30	12:10:06	56.7	464080.3	74.3	57.8	56.1
126	2015/07/30	12:10:11	56.2	419923.4	70.9	57.4	54.9
127	2015/07/30	12:10:16	59.1	821312.5	77.9	62.0	56.8
128	2015/07/30	12:10:21	56.9	484865.9	71.2	58.0	55.4
129	2015/07/30	12:10:26	59.0	799334.0	78.6	59.7	56.6
130	2015/07/30	12:10:31	56.3	425391.8	75.1	59.7	54.7
131	2015/07/30	12:10:36	53.4	216356.5	74.4	54.7	52.5
132	2015/07/30	12:10:41	54.8	299218.5	69.2	56.3	52.3
133	2015/07/30	12:10:46	53.5	225058.0	67.2	54.3	53.0
134	2015/07/30	12:10:51	55.5	353987.5	68.4	56.5	54.2
135	2015/07/30	12:10:56	57.4	545511.4	75.6	58.1	54.7
136	2015/07/30	12:11:01	58.1	643919.2	78.2	58.9	56.9
137	2015/07/30	12:11:06	55.7	373301.4	68.7	58.4	54.5
138	2015/07/30	12:11:11	52.6	182515.9	65.5	54.4	52.1
139	2015/07/30	12:11:16	53.3	214077.1	66.7	53.9	51.4
140	2015/07/30	12:11:21	58.2	664741.0	72.4	59.4	53.8
141	2015/07/30	12:11:26	59.3	843555.2	73.4	60.2	58.3
142	2015/07/30	12:11:31	57.6	570214.5	71.3	58.5	57.0
143	2015/07/30	12:11:36	58.7	741351.4	72.6	59.9	57.0
144	2015/07/30	12:11:41	63.9	2482457.5	81.5	65.6	59.5
145	2015/07/30	12:11:46	60.3	1062072.0	79.0	63.4	57.8
146	2015/07/30	12:11:51	55.4	346570.4	68.6	57.8	54.8
147	2015/07/30	12:11:56	55.4	349210.3	73.9	57.0	53.7
148	2015/07/30	12:12:01	57.5	559279.8	76.7	59.1	56.8
149	2015/07/30	12:12:06	56.7	472034.6	70.7	58.5	54.4
150	2015/07/30	12:12:11	53.6	228243.5	67.8	54.9	52.3
151	2015/07/30	12:12:16	54.2	264181.8	68.9	55.4	53.2
152	2015/07/30	12:12:21	52.3	171697.9	65.5	53.2	51.9
153	2015/07/30	12:12:26	53.5	224154.9	69.4	56.1	51.6
154	2015/07/30	12:12:31	54.7	292082.3	75.1	56.8	51.8
155	2015/07/30	12:12:36	52.7	184645.3	67.6	52.9	51.6
156	2015/07/30	12:12:41	56.4	437743.1	70.8	57.1	52.9
157	2015/07/30	12:12:46	55.0	313012.2	67.7	56.1	54.6
158	2015/07/30	12:12:51	57.7	584702.5	76.3	60.4	54.4
159	2015/07/30	12:12:56	53.8	237645.7	68.9	57.2	52.9
160	2015/07/30	12:13:01	56.7	465477.4	70.6	57.9	54.3
161	2015/07/30	12:13:06	56.3	423210.1	76.3	57.4	55.3
162	2015/07/30	12:13:11	56.9	492534.0	74.9	58.4	55.6
163	2015/07/30	12:13:16	58.8	758924.7	77.8	59.3	57.5
164	2015/07/30	12:13:21	55.0	318720.5	68.6	57.5	54.7
165	2015/07/30	12:13:26	57.4	553008.1	76.2	59.2	54.8
166	2015/07/30	12:13:31	53.0	199744.2	67.3	54.8	52.9
167	2015/07/30	12:13:36	54.0	248951.3	68.7	54.3	53.0
168	2015/07/30	12:13:41	53.4	219820.1	66.7	54.4	52.9
169	2015/07/30	12:13:46	58.1	648226.5	73.8	60.0	52.8
170	2015/07/30	12:13:51	56.6	456693.5	76.7	59.0	56.2
171	2015/07/30	12:13:56	60.0	1001382.6	74.8	61.2	56.2
172	2015/07/30	12:14:01	57.3	539098.5	71.1	60.8	55.6
173	2015/07/30	12:14:06	55.2	333840.2	69.9	55.8	54.8
174	2015/07/30	12:14:11	55.0	319245.8	70.9	57.0	53.2
175	2015/07/30	12:14:16	52.9	197068.8	68.7	53.9	52.3
176	2015/07/30	12:14:21	57.1	518445.4	71.4	58.3	53.9
177	2015/07/30	12:14:26	58.6	724076.3	75.9	58.9	57.7
178	2015/07/30	12:14:31	57.9	621032.7	76.8	59.6	56.6
179	2015/07/30	12:14:36	54.7	297723.6	68.0	56.6	53.8
180	2015/07/30	12:14:41	56.6	457683.4	71.5	57.9	53.7
181	2015/07/30	12:14:46	60.0	1007693.2	77.6	60.8	58.0
182	2015/07/30	12:14:51	56.6	454804.9	72.5	58.7	55.9
183	2015/07/30	12:14:56	56.6	453658.2	73.5	57.6	55.5
184	2015/07/30	12:15:01	57.4	551839.6	68.8	57.0	56.6

1.0

**FHWA RD-77-108
Traffic Noise Prediction Model**

Data Input Sheet

Project Name : Encinitas Housing Element Update
Project Number : 7722
Modeled Condition : Existing

Surface Refelction: Ldn
Assessment Metric: Hard
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	Carlsbad Blvd	Between Avenida Encinas and La Costa Avenue	12,160	50	50	96.00	3.00	1.00	80.00	10.00	10.00	
2		Between Poinsettia Lane and Avenida Encinas	16,194	50	50	96.00	3.00	1.00	80.00	10.00	10.00	
3	Highway 101	Between La Costa Avenue and 600 feet south of La Costa Avenue	18,070	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
4		Between 600 feet south of La Costa Avenue and Leucadia Blvd	17,378	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
5		Between Leucadia Blvd and Cadmus Street	19,145	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
6		Between Cadmus Street and Marcheta Street	19,145	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
7		Between Marcheta Street and 660 feet south of Marcheta Street	19,145	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
8		Between 660 feet south of Marcheta Street and Encinitas Blvd	19,145	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
9		Between Encinitas Blvd and D Street	18,746	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
10		Between D Street and E Street	18,746	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
11		Between E Street and F Street	18,746	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
12		Between F Street and H Street	18,746	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
13		Between H Street and J Street	20,337	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
14		Between J Street and Swamis Ped Crossing	20,337	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
15		Between Swami's Ped Crossing and San Elijo State Beach	20,550	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
16		Between San Elijo State Beach and Chesterfield	20,682	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
17		Between Chesterfield and Cardiff State Beach	20,682	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
18		Between Cardiff Beach State and Chart House	20,682	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
19		Between Chart House and Las Olas Mexican Restaurant	20,682	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
20		Between Las Olas Mexican Restaurant and City of Solana Beach limits	20,682	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
21		Between City of Solana Beach limits and West Cliff Street	18,611	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
22		Between West Cliff and Lomas Santa Fe	18,611	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
23		Between Lomas Santa Fe Drive and Via De La Valle	17,056	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
24	Vulcan Avenue	Between La Costa Avenue and Leucadia Boulevard	3,621	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
25		Between Leucadia Blvd and Encinitas Boulevard	6,221	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
26		Between Encinitas Boulevard and D Street	10,368	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
27		Between D Street and E Street	10,368	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
28		Between E Street and Santa Fe Drive	10,486	40	50	96.00	3.00	1.00	80.00	10.00	10.00	

29	San Elijo Avenue	Between Santa Fe Drive and Birmingham Drive	9,332	35	50	96.00	3.00	1.00	80.00	10.00	10.00
30		Between Birmingham Drive and Chesterfield Drive	9,332	35	50	96.00	3.00	1.00	80.00	10.00	10.00
31		Between Chesterfield Drive and Manchester Avenue	9,332	25	50	96.00	3.00	1.00	80.00	10.00	10.00
32	Saxony Road	Between La Costa Avenue and Quail Hollow Drive	3,137	45	50	96.00	3.00	1.00	80.00	10.00	10.00
33		Between Quail Hollow Drive and Normandy Road	2,858	35	50	96.00	3.00	1.00	80.00	10.00	10.00
34		Between Normandy Road and Brittany Avenue	2,858	35	50	96.00	3.00	1.00	80.00	10.00	10.00
35		Between Brittany Avenue and Leucadia Boulevard	2,858	35	50	96.00	3.00	1.00	80.00	10.00	10.00
36		Between Leucadia Boulevard and Silver Berry Place	8,973	40	50	96.00	3.00	1.00	80.00	10.00	10.00
37		Between Silver Berry Place and Encinitas Boulevard	8,973	40	50	96.00	3.00	1.00	80.00	10.00	10.00
38	Quail Hollow Drive	Between Swallow Tail Road and Saxony Road	3,235	35	50	96.00	3.00	1.00	80.00	10.00	10.00
39	Quail Gardens Drive	Between Swallow Tail Road and Lauren Court	3,235	40	50	96.00	3.00	1.00	80.00	10.00	10.00
40		Between Lauren Court and Leucadia Boulevard	3,235	40	50	96.00	3.00	1.00	80.00	10.00	10.00
41		Between Leucadia Boulevard and Paseo De Las Flores	7,897	40	50	96.00	3.00	1.00	80.00	10.00	10.00
42		Between Paseo De Las Flores and Paseo De Las Verdes	7,897	40	50	96.00	3.00	1.00	80.00	10.00	10.00
43		Between Paseo De Las Verdes and Encinitas Boulevard	7,897	40	50	96.00	3.00	1.00	80.00	10.00	10.00
44	Westlake Street	Between Encinitas Boulevard and Requeza Street	9,688	30	50	96.00	3.00	1.00	80.00	10.00	10.00
45	Nardo Drive	Between Requeza Street and Melba Road	4,871	25	50	96.00	3.00	1.00	80.00	10.00	10.00
46		Between Melba Road and Santa Fe Drive	4,871	25	50	96.00	3.00	1.00	80.00	10.00	10.00
47	MacKinnon Avenue	Between Santa Fe Drive and Villa Cardiff Drive	5,413	35	50	96.00	3.00	1.00	80.00	10.00	10.00
48	Villa Cardiff Drive	Between MacKinnon Avenue and Windsor Road	5,413	35	50	96.00	3.00	1.00	80.00	10.00	10.00
49		Between Windsor Road and Birmingham Drive	5,413	35	50	96.00	3.00	1.00	80.00	10.00	10.00
50	Garden View Road	Between Leucadia Boulevard and Via Cantebria	10,722	40	50	96.00	3.00	1.00	80.00	10.00	10.00
51		Between Via Cantebria and El Camino Real	9,663	40	50	96.00	3.00	1.00	80.00	10.00	10.00
52	Town Center Place	Between Leucadia Boulevard and Town Center Place	14,817	25	50	96.00	3.00	1.00	80.00	10.00	10.00
53		Between Town Center Place and Town Center Drive	14,817	25	50	96.00	3.00	1.00	80.00	10.00	10.00
54	Via Cantebria	Between Town Center Drive and Garden View Road	8,524	25	50	96.00	3.00	1.00	80.00	10.00	10.00
55		Between Garden View Road and Forrest Bluff	13,715	40	50	96.00	3.00	1.00	80.00	10.00	10.00
56		Between Forrest Bluff and Via Montoro	13,715	40	50	96.00	3.00	1.00	80.00	10.00	10.00
57		Between Via Montoro and Via Molena	16,842	40	50	96.00	3.00	1.00	80.00	10.00	10.00
58		Between Via Molena and Encinitas Boulevard	16,842	40	50	96.00	3.00	1.00	80.00	10.00	10.00
59	Balour Drive	Between Encinitas Boulevard and Melba Road	7,988	35	50	96.00	3.00	1.00	80.00	10.00	10.00
60		Between Melba Road and Santa Fe Drive	7,988	25	50	96.00	3.00	1.00	80.00	10.00	10.00
61	Lake Drive	Between Santa Fe Drive and Woodlake Drive	6,565	35	50	96.00	3.00	1.00	80.00	10.00	10.00
62		Between Woodlake Drive and Birmingham Drive	6,565	35	50	96.00	3.00	1.00	80.00	10.00	10.00
63	El Camino Real	Between Aviara Parkway and La Costa Avenue	43,934	55	50	96.00	3.00	1.00	80.00	10.00	10.00
64		Between La Costa Avenue and Calle Barcelona	34,929	55	50	96.00	3.00	1.00	80.00	10.00	10.00
65		Between Calle Barcelona and City of Carlsbad boundary	34,929	55	50	96.00	3.00	1.00	80.00	10.00	10.00
66		Between City of Carlsbad boundary and Leucadia Boulevard	43,939	55	50	96.00	3.00	1.00	80.00	10.00	10.00
67		Between Leucadia Boulevard and Town Center Drive	43,939	45	50	96.00	3.00	1.00	80.00	10.00	10.00
68		Between Town Center Drive and Garden View Road	43,939	45	50	96.00	3.00	1.00	80.00	10.00	10.00
69		Between Garden View Road and 331-339 El Camino Real	39,969	35	50	96.00	3.00	1.00	80.00	10.00	10.00
70		Between 331-339 El Camino Real and Via Montoro	39,969	35	50	96.00	3.00	1.00	80.00	10.00	10.00
71		Between Via Montoro and Mountain Vista	39,969	35	50	96.00	3.00	1.00	80.00	10.00	10.00
72		Between Mountain Vista and Via Molena	41,968	35	50	96.00	3.00	1.00	80.00	10.00	10.00
73		Between Via Molena and Encinitas Boulevard	41,968	35	50	96.00	3.00	1.00	80.00	10.00	10.00
74		Between Encinitas Boulevard and 213 S El Camino Real	33,151	40	50	96.00	3.00	1.00	80.00	10.00	10.00
75		Between 213 S El Camino Real and Crest Drive	33,151	40	50	96.00	3.00	1.00	80.00	10.00	10.00
76		Between Crest Drive and Willowspring Drive	33,151	40	50	96.00	3.00	1.00	80.00	10.00	10.00
77		Between Willowspring Drive and Santa Fe Drive	33,151	40	50	96.00	3.00	1.00	80.00	10.00	10.00
78		Between Santa Fe Drive and Sage Canyon Drive	23,024	55	50	96.00	3.00	1.00	80.00	10.00	10.00
79			Between Sage Canyon Drive and Manchester Avenue	23,024	55	50	96.00	3.00	1.00	80.00	10.00
80	Village Park Way	Between Mountain Vista Drive and Parkdale Drive	6,341	40	50	96.00	3.00	1.00	80.00	10.00	10.00
81		Between Parkdale Drive and Encinitas Boulevard	6,341	40	50	96.00	3.00	1.00	80.00	10.00	10.00

82	Rancho Santa Fe Road	Between Olivenhain Road and Calle Acervo	17,363	45	50	96.00	3.00	1.00	80.00	10.00	10.00
83		Between Calle Acervo/Avenida La Posta and Olive Crest Drive	14,901	40	50	96.00	3.00	1.00	80.00	10.00	10.00
84		Between Olive Crest Drive and 13th Street	14,901	40	50	96.00	3.00	1.00	80.00	10.00	10.00
85		Between 13th Street and 11th Street	14,901	40	50	96.00	3.00	1.00	80.00	10.00	10.00
86		Between 11th Street and El Camino Del Norte	15,146	40	50	96.00	3.00	1.00	80.00	10.00	10.00
87		Between El Camino Del Norte and 9th Street	13,236	40	50	96.00	3.00	1.00	80.00	10.00	10.00
88		Between 9th Street and 8th Street	13,236	40	50	96.00	3.00	1.00	80.00	10.00	10.00
89		Between 8th Street and 7th Street	13,236	40	50	96.00	3.00	1.00	80.00	10.00	10.00
90		Between 7th Street and Encinitas Boulevard	13,236	40	50	96.00	3.00	1.00	80.00	10.00	10.00
91	Manchester Avenue	Between Manchester Avenue and Mira Costa College	19,595	50	50	96.00	3.00	1.00	80.00	10.00	10.00
92		Between Mira Costa College and I-5 NB On-Ramp	19,595	50	50	96.00	3.00	1.00	80.00	10.00	10.00
93		Between I-5 NB Ramps and I-5 SB Ramps	26,567	40	50	96.00	3.00	1.00	80.00	10.00	10.00
94		Between I-5 SB Ramps and Ocean Cove Drive	7,598	40	50	96.00	3.00	1.00	80.00	10.00	10.00
95		Between Ocean Cove Drive and Seaside Cardiff-by-the-sea residential area driveway	7,598	40	50	96.00	3.00	1.00	80.00	10.00	10.00
96		Between Seaside Cardiff-by-the-sea residential area driveway and San Elijo Water Reclamation Facility Driveway	7,598	40	50	96.00	3.00	1.00	80.00	10.00	10.00
97		Between San Elijo Water Reclamation Facility Driveway and Manchester Avenue	7,598	40	50	96.00	3.00	1.00	80.00	10.00	10.00
98	Manchester Avenue	Between Encinitas Boulevard and El Camino Real	5,989	40	50	96.00	3.00	1.00	80.00	10.00	10.00
99	La Costa Avenue	Between Highway 101 and Vulcan Avenue	11,888	40	50	96.00	3.00	1.00	80.00	10.00	10.00
100		Between Vulcan Avenue and Sheridan Road	14,258	40	50	96.00	3.00	1.00	80.00	10.00	10.00
101		Between Sheridan Road and I-5 SB Ramps	14,258	40	50	96.00	3.00	1.00	80.00	10.00	10.00
102		Between I-5 SB Ramps and I-5 NB Ramps	25,817	40	50	96.00	3.00	1.00	80.00	10.00	10.00
103		Between I-5 NB Ramps and Piraeus Street	36,550	55	50	96.00	3.00	1.00	80.00	10.00	10.00
104		Between Piraeus Street and Saxony Road	36,550	55	50	96.00	3.00	1.00	80.00	10.00	10.00
105		Between Saxony Road and El Camino Real	37,683	55	50	96.00	3.00	1.00	80.00	10.00	10.00
106		Between El Camino Real and La Costa Towne Center traffic signal	15,999	40	50	96.00	3.00	1.00	80.00	10.00	10.00
107		Between La Costa Towne Center traffic signal and Fairway Lane	15,999	40	50	96.00	3.00	1.00	80.00	10.00	10.00
108		Between Fairway Lane and Calle Madero	15,999	40	50	96.00	3.00	1.00	80.00	10.00	10.00
109	Leucadia Blvd	Between Highway 101 and Vulcan Avenue	12,188	35	50	96.00	3.00	1.00	80.00	10.00	10.00
110		Between Vulcan Avenue and Hermes Avenue	14,933	35	50	96.00	3.00	1.00	80.00	10.00	10.00
111		Between Hermes Avenue and Hygeia Avenue	14,933	35	50	96.00	3.00	1.00	80.00	10.00	10.00
112		Between Hygeia Avenue and Hymettus Avenue	14,933	35	50	96.00	3.00	1.00	80.00	10.00	10.00
113		Between Hymettus Avenue and Orpheus Avenue	14,933	35	50	96.00	3.00	1.00	80.00	10.00	10.00
114		Between Orpheus Avenue and I-5 SB Ramps	14,933	40	50	96.00	3.00	1.00	80.00	10.00	10.00
115		Between I-5 SB Ramps and I-5 NB Ramps	22,721	30	50	96.00	3.00	1.00	80.00	10.00	10.00
116		Between Piraeus Street and Urania Avenue	38,099	40	50	96.00	3.00	1.00	80.00	10.00	10.00
117		Between Urania Avenue and Saxony Road	38,099	40	50	96.00	3.00	1.00	80.00	10.00	10.00
118		Between Saxony Road and Sidonia Street	40,117	40	50	96.00	3.00	1.00	80.00	10.00	10.00
119		Between Sidonia Street and Quail Gardens Drive	40,117	40	50	96.00	3.00	1.00	80.00	10.00	10.00
120		Between Quail Gardens Drive and Garden View Road	43,786	45	50	96.00	3.00	1.00	80.00	10.00	10.00
121		Between Garden View Road and Town Center Place	31,439	45	50	96.00	3.00	1.00	80.00	10.00	10.00
122		Between Town Center Place and El Camino Real	34,214	45	50	96.00	3.00	1.00	80.00	10.00	10.00
123	Mountain Vista Drive	Between El Camino Real and Wandering Road	11,478	45	50	96.00	3.00	1.00	80.00	10.00	10.00
124		Between Wandering Road and Village Park Way	7,093	45	50	96.00	3.00	1.00	80.00	10.00	10.00
125	Lone Jack Drive	Between Rancho Santa Fe Road and northern terminus	6,745	40	50	96.00	3.00	1.00	80.00	10.00	10.00
126	El Camino Del Norte	Between Rancho Santa Fe Road and San Dieguito CPA boundary	6,915	40	50	96.00	3.00	1.00	80.00	10.00	10.00
127		Between San Dieguito CPA boundary to Via De Fortuna	6,915	40	50	96.00	3.00	1.00	80.00	10.00	10.00

128	Encinitas Blvd	Between Highway 101 and Vulcan Avenue	21,095	40	50	96.00	3.00	1.00	80.00	10.00	10.00
129		Between Vulcan Avenue and Days Inn traffic signal	20,790	40	50	96.00	3.00	1.00	80.00	10.00	10.00
130		Between Days Inn traffic signal and I-5 SB Ramps	20,790	40	50	96.00	3.00	1.00	80.00	10.00	10.00
131		Between I-5 SB Ramps and I-5 NB Ramps	32,420	40	50	96.00	3.00	1.00	80.00	10.00	10.00
132		Between I-5 NB Ramps and Saxony Road	38,312	40	50	96.00	3.00	1.00	80.00	10.00	10.00
133		Between Saxony Road and Calle Magdalena	31,737	40	50	96.00	3.00	1.00	80.00	10.00	10.00
134		Between Calle Magdalena and Encinitas Town Country traffic signal	31,737	40	50	96.00	3.00	1.00	80.00	10.00	10.00
135		Between Encinitas Town Country traffic signal and Quail Gardens Drive	31,737	40	50	96.00	3.00	1.00	80.00	10.00	10.00
136		Between Quails Garden Drive and Delphinium Street	27,446	45	50	96.00	3.00	1.00	80.00	10.00	10.00
137		Between Delphinium Street and Balour Drive	27,446	45	50	96.00	3.00	1.00	80.00	10.00	10.00
138		Between Balour Drive and Via Cantebria	38,142	45	50	96.00	3.00	1.00	80.00	10.00	10.00
139		Between Via Cantebria and El Camino Real	26,806	45	50	96.00	3.00	1.00	80.00	10.00	10.00
140		Between El Camino Real and Village Square Drive	28,841	45	50	96.00	3.00	1.00	80.00	10.00	10.00
141		Between Village Square Drive and Turner Avenue	28,841	45	50	96.00	3.00	1.00	80.00	10.00	10.00
142		Between Turner Avenue and Cerro Street	28,841	45	50	96.00	3.00	1.00	80.00	10.00	10.00
143	Between Cerro Street and Village Park Way	28,841	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
144	Between Village Park Way to Willowspring Drive	22,619	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
145	Between Willowspring Drive to Rancho Santa Fe Road	22,619	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
146	S Rancho Santa Fe Road	Between Manchester Avenue and 770 feet east of Manchester Avenue	18,476	45	50	96.00	3.00	1.00	80.00	10.00	10.00
147		Between 770 feet east of Manchester Avenue and San Dieguito CPA boundary	18,476	45	50	96.00	3.00	1.00	80.00	10.00	10.00
148	F Street/Requeza Street	Between Vulcan Avenue and Cornish Drive	5,631	25	50	96.00	3.00	1.00	80.00	10.00	10.00
149		Between Cornish Drive and San Dieguito Drive	5,631	25	50	96.00	3.00	1.00	80.00	10.00	10.00
150		Between San Dieguito Drive and Stratford Drive	5,631	25	50	96.00	3.00	1.00	80.00	10.00	10.00
151		Between Stratford Drive and Regal Road	5,631	25	50	96.00	3.00	1.00	80.00	10.00	10.00
152		Between Regal Road and West Lake Drive	5,631	25	50	96.00	3.00	1.00	80.00	10.00	10.00
153	Between West Lake Drive and Nardo Drive	4,516	25	50	96.00	3.00	1.00	80.00	10.00	10.00	
154	Santa Fe Drive	Between Vulcan Avenue and Cornish Drive	8,554	35	50	96.00	3.00	1.00	80.00	10.00	10.00
155		Between Cornish Drive and Summit Avenue	8,554	35	50	96.00	3.00	1.00	80.00	10.00	10.00
156		Between Summit Avenue and Devonshire	8,554	35	50	96.00	3.00	1.00	80.00	10.00	10.00
157		Between Devonshire Drive and Driveway	12,974	35	50	96.00	3.00	1.00	80.00	10.00	10.00
158		Between Driveway and I-5 SB Ramps	12,974	35	50	96.00	3.00	1.00	80.00	10.00	10.00
159		Between I-5 SB Ramps and I-5 NB Ramps	19,070	35	50	96.00	3.00	1.00	80.00	10.00	10.00
160		Between I-5 NB Ramps and Regal Road	13,743	35	50	96.00	3.00	1.00	80.00	10.00	10.00
161		Between Regal Road and Gardena Road	13,743	35	50	96.00	3.00	1.00	80.00	10.00	10.00
162		Between Gardena Road and Nardo Road	13,743	35	50	96.00	3.00	1.00	80.00	10.00	10.00
163		Between Nardo Road and Windsor Road/Bonita Drive	15,036	35	50	96.00	3.00	1.00	80.00	10.00	10.00
164		Between Windsor Road/Bonita Drive and Balour Drive	15,036	35	50	96.00	3.00	1.00	80.00	10.00	10.00
165		Between Balour Drive and Lake Drive	15,817	35	50	96.00	3.00	1.00	80.00	10.00	10.00
166		Between Lake Drive and Crest Drive	15,107	35	50	96.00	3.00	1.00	80.00	10.00	10.00
167		Between Crest Drive and El Camino Real	15,107	35	50	96.00	3.00	1.00	80.00	10.00	10.00
168	Birmingham Drive	Between San Elijo Avenue and Newcastle Avenue	14,588	30	50	96.00	3.00	1.00	80.00	10.00	10.00
169		Between Newcastle Avenue and Manchester Avenue	14,588	30	50	96.00	3.00	1.00	80.00	10.00	10.00
170		Between Manchester Avenue and Montgomery Avenue	14,588	30	50	96.00	3.00	1.00	80.00	10.00	10.00
171		Between Montgomery Avenue and Cambridge Avenue	14,588	30	50	96.00	3.00	1.00	80.00	10.00	10.00
172		Between Cambridge Avenue and MacKinnon Avenue	14,588	30	50	96.00	3.00	1.00	80.00	10.00	10.00
173		Between MacKinnon Avenue and Carol View Drive	14,588	30	50	96.00	3.00	1.00	80.00	10.00	10.00
174		Between Carol View Drive and I-5 SB Ramps	14,588	30	50	96.00	3.00	1.00	80.00	10.00	10.00
175		Between I-5 SB Ramps and I-5 NB Ramps	16,342	40	50	96.00	3.00	1.00	80.00	10.00	10.00
176		Between I-5 NB Ramps and Villa Cardiff Drive	8,248	40	50	96.00	3.00	1.00	80.00	10.00	10.00
177		Between Villa Cardiff Drive and Playa Rivera	8,248	35	50	96.00	3.00	1.00	80.00	10.00	10.00
178		Between Playa Rivera and Freda Lane	8,248	35	50	96.00	3.00	1.00	80.00	10.00	10.00
179		Between Freda Lane and Lake Drive	8,248	35	50	96.00	3.00	1.00	80.00	10.00	10.00

**FHWA RD-77-108
Traffic Noise Prediction Model**

Predicted Noise Levels

Project Name : Encinitas Housing Element Update
Project Number : 7722
Modeled Condition : Existing
Assessment Metric: Hard

Segment	Roadway	Segment	Noise Levels, dBA Hard				Distance to Traffic Noise Level Contours, Feet					
			Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	Carlsbad Blvd	Between Avenida Encinas and La Costa Avenue	68.4	61.0	60.4	70	15	47	148	467	1,476	4,666
2		Between Poinsettia Lane and Avenida Encinas	69.7	62.2	61.7	71	19	62	195	615	1,945	6,151
3	Highway 101	Between La Costa Avenue and 600 feet south of La Costa Avenue	67.3	61.2	61.3	69	13	41	129	406	1,285	4,064
4		Between 600 feet south of La Costa Avenue and Leucadia Blvd	67.2	61.0	61.1	69	12	39	123	388	1,227	3,881
5		Between Leucadia Blvd and Cadmus Street	67.6	61.5	61.5	69	13	43	135	426	1,346	4,256
6		Between Cadmus Street and Marcheta Street	67.6	61.5	61.5	69	13	43	135	426	1,346	4,256
7		Between Marcheta Street and 660 feet south of Marcheta Street	67.6	61.5	61.5	69	13	43	135	426	1,346	4,256
8		Between 660 feet south of Marcheta Street and Encinitas Blvd	67.6	61.5	61.5	69	13	43	135	426	1,346	4,256
9		Between Encinitas Blvd and D Street	63.9	59.4	61.8	67	8	24	76	239	757	2,393
10		Between D Street and E Street	63.9	59.4	61.8	67	8	24	76	239	757	2,393
11		Between E Street and F Street	63.9	59.4	61.8	67	8	24	76	239	757	2,393
12		Between F Street and H Street	63.9	59.4	61.8	67	8	24	76	239	757	2,393
13		Between H Street and J Street	64.3	59.8	62.1	67	8	26	83	262	830	2,624
14		Between J Street and Swamis Ped Crossing	69.3	62.5	62.2	71	19	60	190	601	1,901	6,011
15		Between Swami's Ped Crossing and San Elijo State Beach	69.4	62.6	62.3	71	19	60	190	601	1,901	6,011
16		Between San Elijo State Beach and Chesterfield	69.4	62.6	62.3	71	19	62	195	615	1,945	6,151
17		Between Chesterfield and Cardiff State Beach	69.4	62.6	62.3	71	19	62	195	615	1,945	6,151
18	Between Cardiff Beach State and Chart House	69.4	62.6	62.3	71	19	62	195	615	1,945	6,151	
19	Between Chart House and Las Olas Mexican Restaurant	69.4	62.6	62.3	71	19	62	195	615	1,945	6,151	
20	Between Las Olas Mexican Restaurant and City of Solana Beach limits	69.4	62.6	62.3	71	19	62	195	615	1,945	6,151	
21	Between City of Solana Beach limits and West Cliff Street	68.9	62.1	61.9	70	17	55	173	548	1,734	5,482	
22	Between West Cliff and Lomas Santa Fe	68.9	62.1	61.9	70	17	55	173	548	1,734	5,482	
23	Between Lomas Santa Fe Drive and Via De La Valle	68.6	61.8	61.5	70	16	50	158	500	1,581	5,000	
24	Vulcan Avenue	Between La Costa Avenue and Leucadia Boulevard	60.4	54.2	54.3	62	3	8	26	81	256	811
25		Between Leucadia Blvd and Encinitas Boulevard	62.7	56.6	56.6	64	4	14	44	138	435	1,377
26		Between Encinitas Boulevard and D Street	64.9	58.8	58.9	67	7	23	74	234	740	2,339
27		Between D Street and E Street	64.9	58.8	58.9	67	7	23	74	234	740	2,339
28		Between E Street and Santa Fe Drive	65.0	58.8	58.9	67	7	23	74	234	740	2,339

29	San Elijo Avenue	Between Santa Fe Drive and Birmingham Drive	62.8	57.4	57.9	65	5	15	49	155	489	1,545
30		Between Birmingham Drive and Chesterfield Drive	62.8	57.4	57.9	65	5	15	49	155	489	1,545
31		Between Chesterfield Drive and Manchester Avenue	58.6	55.2	58.0	62	3	8	27	85	269	849
32	Saxony Road	Between La Costa Avenue and Quail Hollow Drive	61.2	54.4	54.1	63	3	9	29	93	294	931
33		Between Quail Hollow Drive and Normandy Road	57.7	52.3	52.7	60	1	5	15	47	148	467
34		Between Normandy Road and Brittany Avenue	57.7	52.3	52.7	60	1	5	15	47	148	467
35		Between Brittany Avenue and Leucadia Boulevard	57.7	52.3	52.7	60	1	5	15	47	148	467
36		Between Leucadia Boulevard and Silver Berry Place	64.3	58.2	58.2	66	6	20	63	199	629	1,991
37	Between Silver Berry Place and Encinitas Boulevard	64.3	58.2	58.2	66	6	20	63	199	629	1,991	
38	Quail Hollow Drive	Between Swallow Tail Road and Saxony Road	58.2	52.8	53.3	60	2	5	17	54	169	536
39	Quail Gardens Drive	Between Swallow Tail Road and Lauren Court	59.9	53.7	53.8	62	2	7	23	72	229	723
40		Between Lauren Court and Leucadia Boulevard	59.9	53.7	53.8	62	2	7	23	72	229	723
41		Between Leucadia Boulevard and Paseo De Las Flores	63.7	57.6	57.7	66	6	18	56	177	561	1,774
42		Between Paseo De Las Flores and Paseo De Las Verdes	63.7	57.6	57.7	66	6	18	56	177	561	1,774
43	Between Paseo De Las Verdes and Encinitas Boulevard	63.7	57.6	57.7	66	6	18	56	177	561	1,774	
44	Westlake Street	Between Encinitas Boulevard and Requeza Street	61.0	56.6	58.9	64	4	13	40	126	397	1,256
45	Nardo Drive	Between Requeza Street and Melba Road	55.8	52.3	55.2	59	1	4	14	44	138	435
46		Between Melba Road and Santa Fe Drive	55.8	52.3	55.2	59	1	4	14	44	138	435
47	MacKinnon Avenue	Between Santa Fe Drive and Villa Cardiff Drive	60.4	55.1	55.5	63	3	9	28	89	281	889
48	Villa Cardiff Drive	Between MacKinnon Avenue and Windsor Road	60.4	55.1	55.5	63	3	9	28	89	281	889
49		Between Windsor Road and Birmingham Drive	60.4	55.1	55.5	63	3	9	28	89	281	889
50	Garden View Road	Between Leucadia Boulevard and Via Cantebria	65.1	58.9	59.0	67	8	24	76	239	757	2,393
51		Between Via Cantebria and El Camino Real	64.6	58.5	58.5	66	7	22	69	218	690	2,183
52	Town Center Place	Between Leucadia Boulevard and Town Center Place	60.6	57.2	60.0	64	4	13	43	135	426	1,346
53		Between Town Center Place and Town Center Drive	60.6	57.2	60.0	64	4	13	43	135	426	1,346
54	Via Cantebria	Between Town Center Drive and Garden View Road	58.2	54.8	57.6	62	2	8	24	77	245	774
55		Between Garden View Road and Forrest Bluff	66.1	60.0	60.1	68	10	31	97	308	975	3,083
56		Between Forrest Bluff and Via Montoro	66.1	60.0	60.1	68	10	31	97	308	975	3,083
57		Between Via Montoro and Via Molena	67.0	60.9	61.0	69	12	38	120	379	1,199	3,793
58		Between Via Molena and Encinitas Boulevard	67.0	60.9	61.0	69	12	38	120	379	1,199	3,793
59	Balour Drive	Between Encinitas Boulevard and Melba Road	62.1	56.8	57.2	64	4	13	42	132	416	1,315
60		Between Melba Road and Santa Fe Drive	57.9	54.5	57.3	62	2	7	23	72	229	723
61	Lake Drive	Between Santa Fe Drive and Woodlake Drive	61.3	55.9	56.3	63	3	11	34	107	338	1,069
62		Between Woodlake Drive and Birmingham Drive	61.3	55.9	56.3	63	3	11	34	107	338	1,069
63	El Camino Real	Between Aviara Parkway and La Costa Avenue	75.2	67.2	66.4	76	67	213	674	2,133	6,745	21,329
64		Between La Costa Avenue and Calle Barcelona	74.2	66.2	65.4	75	54	169	536	1,694	5,358	16,942
65		Between Calle Barcelona and City of Carlsbad boundary	74.2	66.2	65.4	75	54	169	536	1,694	5,358	16,942
66		Between City of Carlsbad boundary and Leucadia Boulevard	75.2	67.2	66.4	76	67	213	674	2,133	6,745	21,329
67		Between Leucadia Boulevard and Town Center Drive	72.7	65.9	65.6	74	41	129	406	1,285	4,064	12,852
68		Between Town Center Drive and Garden View Road	72.7	65.9	65.6	74	41	129	406	1,285	4,064	12,852
69		Between Garden View Road and 331-339 El Camino Real	69.1	63.8	64.2	71	21	66	208	659	2,084	6,591
70		Between 331-339 El Camino Real and Via Montoro	69.1	63.8	64.2	71	21	66	208	659	2,084	6,591
71		Between Via Montoro and Mountain Vista	69.1	63.8	64.2	71	21	66	208	659	2,084	6,591
72		Between Mountain Vista and Via Molena	69.3	64.0	64.4	71	22	69	218	690	2,183	6,902
73		Between Via Molena and Encinitas Boulevard	69.3	64.0	64.4	71	22	69	218	690	2,183	6,902
74		Between Encinitas Boulevard and 213 S El Camino Real	70.0	63.8	63.9	72	23	74	234	740	2,339	7,396
75		Between 213 S El Camino Real and Crest Drive	70.0	63.8	63.9	72	23	74	234	740	2,339	7,396
76		Between Crest Drive and Willowspring Drive	70.0	63.8	63.9	72	23	74	234	740	2,339	7,396
77		Between Willowspring Drive and Santa Fe Drive	70.0	63.8	63.9	72	23	74	234	740	2,339	7,396
78		Between Santa Fe Drive and Sage Canyon Drive	72.4	64.4	63.6	74	35	112	354	1,119	3,540	11,194
79	Between Sage Canyon Drive and Manchester Avenue	72.4	64.4	63.6	74	35	112	354	1,119	3,540	11,194	
80	Village Park Way	Between Mountain Vista Drive and Parkdale Drive	62.8	56.7	56.7	65	4	14	45	141	446	1,409
81		Between Parkdale Drive and Encinitas Boulevard	62.8	56.7	56.7	65	4	14	45	141	446	1,409

82	Rancho Santa Fe Road	Between Olivenhain Road and Calle Acervo	68.6	61.8	61.6	70	16	51	162	512	1,618	5,116
83		Between Calle Acervo/Avenida La Posta and Olive Crest Drive	66.5	60.4	60.4	68	10	33	104	330	1,045	3,303
84		Between Olive Crest Drive and 13th Street	66.5	60.4	60.4	68	10	33	104	330	1,045	3,303
85		Between 13th Street and 11th Street	66.5	60.4	60.4	68	10	33	104	330	1,045	3,303
86		Between 11th Street and El Camino Del Norte	66.6	60.4	60.5	68	11	34	107	338	1,069	3,380
87		Between El Camino Del Norte and 9th Street	66.0	59.9	59.9	68	9	29	93	294	931	2,944
88		Between 9th Street and 8th Street	66.0	59.9	59.9	68	9	29	93	294	931	2,944
89		Between 8th Street and 7th Street	66.0	59.9	59.9	68	9	29	93	294	931	2,944
90		Between 7th Street and Encinitas Boulevard	66.0	59.9	59.9	68	9	29	93	294	931	2,944
91	Manchester Avenue	Between Manchester Avenue and Mira Costa College	70.5	63.1	62.5	72	24	76	239	757	2,393	7,568
92		Between Mira Costa College and I-5 NB On-Ramp	70.5	63.1	62.5	72	24	76	239	757	2,393	7,568
93		Between I-5 NB Ramps and I-5 SB Ramps	69.0	62.9	62.9	71	19	59	186	587	1,858	5,874
94		Between I-5 SB Ramps and Ocean Cove Drive	63.6	57.4	57.5	65	5	17	54	169	536	1,694
95		Between Ocean Cove Drive and Seaside Cardiff-by-the-sea residential area driveway	63.6	57.4	57.5	65	5	17	54	169	536	1,694
96		Between Seaside Cardiff-by-the-sea residential area driveway and San Elijo Water Reclamation Facility Driveway	63.6	57.4	57.5	65	5	17	54	169	536	1,694
97		Between San Elijo Water Reclamation Facility Driveway and Manchester Avenue	63.6	57.4	57.5	65	5	17	54	169	536	1,694
98	Manchester Avenue	Between Encinitas Boulevard and El Camino Real	62.5	56.4	56.5	64	4	13	43	135	426	1,346
99	La Costa Avenue	Between Highway 101 and Vulcan Avenue	65.5	59.4	59.4	67	8	27	85	269	849	2,685
100		Between Vulcan Avenue and Sheridan Road	66.3	60.2	60.2	68	10	32	100	315	998	3,155
101		Between Sheridan Road and I-5 SB Ramps	66.3	60.2	60.2	68	10	32	100	315	998	3,155
102		Between I-5 SB Ramps and I-5 NB Ramps	68.9	62.8	62.8	71	18	57	182	574	1,815	5,741
103		Between I-5 NB Ramps and Piraeus Street	74.4	66.4	65.6	76	56	177	561	1,774	5,610	17,741
104		Between Piraeus Street and Saxony Road	74.4	66.4	65.6	76	56	177	561	1,774	5,610	17,741
105		Between Saxony Road and El Camino Real	74.5	66.6	65.7	76	57	182	574	1,815	5,741	18,154
106		Between El Camino Real and La Costa Towne Center traffic signal	66.8	60.7	60.7	69	11	35	112	354	1,119	3,540
107		Between La Costa Towne Center traffic signal and Fairway Lane	66.8	60.7	60.7	69	11	35	112	354	1,119	3,540
108		Between Fairway Lane and Calle Madero	66.8	60.7	60.7	69	11	35	112	354	1,119	3,540
109	Leucadia Blvd	Between Highway 101 and Vulcan Avenue	64.0	58.6	59.0	66	6	20	63	199	629	1,991
110		Between Vulcan Avenue and Hermes Avenue	64.8	59.5	59.9	67	8	24	77	245	774	2,449
111		Between Hermes Avenue and Hygeia Avenue	64.8	59.5	59.9	67	8	24	77	245	774	2,449
112		Between Hygeia Avenue and Hymettus Avenue	64.8	59.5	59.9	67	8	24	77	245	774	2,449
113		Between Hymettus Avenue and Orpheus Avenue	64.8	59.5	59.9	67	8	24	77	245	774	2,449
114		Between Orpheus Avenue and I-5 SB Ramps	66.5	60.4	60.4	68	10	33	104	330	1,045	3,303
115		Between I-5 SB Ramps and I-5 NB Ramps	64.7	60.3	62.6	68	9	29	93	294	931	2,944
116		Between Piraeus Street and Urania Avenue	70.6	64.5	64.5	72	27	85	269	849	2,685	8,491
117		Between Urania Avenue and Saxony Road	70.6	64.5	64.5	72	27	85	269	849	2,685	8,491
118		Between Saxony Road and Sidonia Street	70.8	64.7	64.7	73	28	89	281	889	2,812	8,891
119		Between Sidonia Street and Quail Gardens Drive	70.8	64.7	64.7	73	28	89	281	889	2,812	8,891
120		Between Quail Gardens Drive and Garden View Road	72.7	65.9	65.6	74	41	129	406	1,285	4,064	12,852
121		Between Garden View Road and Town Center Place	71.2	64.4	64.1	73	29	93	294	931	2,944	9,310
122		Between Town Center Place and El Camino Real	71.6	64.8	64.5	73	32	102	323	1,021	3,228	10,209
123	Mountain Vista Drive	Between El Camino Real and Wandering Road	66.8	60.0	59.8	68	11	34	107	338	1,069	3,380
124		Between Wandering Road and Village Park Way	64.8	57.9	57.7	66	7	21	66	208	659	2,084
125	Lone Jack Drive	Between Rancho Santa Fe Road and northern terminus	63.1	56.9	57.0	65	5	15	48	151	477	1,510
126	El Camino Del Norte	Between Rancho Santa Fe Road and San Dieguito CPA boundary	63.2	57.0	57.1	65	5	15	49	155	489	1,545
127		Between San Dieguito CPA boundary to Via De Fortuna	63.2	57.0	57.1	65	5	15	49	155	489	1,545

128	Encinitas Blvd	Between Highway 101 and Vulcan Avenue	68.0	61.9	61.9	70	15	47	148	467	1,476	4,666
129		Between Vulcan Avenue and Days Inn traffic signal	67.9	61.8	61.9	70	15	47	148	467	1,476	4,666
130		Between Days Inn traffic signal and I-5 SB Ramps	67.9	61.8	61.9	70	15	47	148	467	1,476	4,666
131		Between I-5 SB Ramps and I-5 NB Ramps	69.9	63.8	63.8	72	23	72	229	723	2,285	7,227
132		Between I-5 NB Ramps and Saxony Road	70.6	64.5	64.5	72	27	85	269	849	2,685	8,491
133		Between Saxony Road and Calle Magdalena	69.8	63.7	63.7	72	22	71	223	706	2,233	7,063
134		Between Calle Magdalena and Encinitas Town Country traffic signal	69.8	63.7	63.7	72	22	71	223	706	2,233	7,063
135		Between Encinitas Town Country traffic signal and Quail Gardens Drive	69.8	63.7	63.7	72	22	71	223	706	2,233	7,063
136		Between Quails Garden Drive and Delphinium Street	70.6	63.8	63.6	72	26	81	256	811	2,564	8,109
137		Between Delphinium Street and Balour Drive	70.6	63.8	63.6	72	26	81	256	811	2,564	8,109
138		Between Balour Drive and Via Cantebria	72.1	65.3	65.0	74	35	112	354	1,119	3,540	11,194
139		Between Via Cantebria and El Camino Real	70.5	63.7	63.4	72	25	79	251	792	2,506	7,924
140		Between El Camino Real and Village Square Drive	70.8	64.0	63.8	72	27	85	269	849	2,685	8,491
141		Between Village Square Drive and Turner Avenue	70.8	64.0	63.8	72	27	85	269	849	2,685	8,491
142		Between Turner Avenue and Cerro Street	70.8	64.0	63.8	72	27	85	269	849	2,685	8,491
143	Between Cerro Street and Village Park Way	70.8	64.0	63.8	72	27	85	269	849	2,685	8,491	
144	Between Village Park Way to Willowspring Drive	69.8	63.0	62.7	71	21	67	213	674	2,133	6,745	
145	Between Willowspring Drive to Rancho Santa Fe Road	69.8	63.0	62.7	71	21	67	213	674	2,133	6,745	
146	S Rancho Santa Fe Road	Between Manchester Avenue and 770 feet east of Manchester Avenue	68.9	62.1	61.8	70	17	55	173	548	1,734	5,482
147		Between 770 feet east of Manchester Avenue and San Dieguito CPA boundary	68.9	62.1	61.8	70	17	55	173	548	1,734	5,482
148	F Street/Requeza Street	Between Vulcan Avenue and Cornish Drive	56.4	53.0	55.8	60	2	5	16	51	162	512
149		Between Cornish Drive and San Dieguito Drive	56.4	53.0	55.8	60	2	5	16	51	162	512
150		Between San Dieguito Drive and Stratford Drive	56.4	53.0	55.8	60	2	5	16	51	162	512
151		Between Stratford Drive and Regal Road	56.4	53.0	55.8	60	2	5	16	51	162	512
152		Between Regal Road and West Lake Drive	56.4	53.0	55.8	60	2	5	16	51	162	512
153		Between West Lake Drive and Nardo Drive	55.4	52.0	54.9	59	1	4	13	41	129	406
154	Santa Fe Drive	Between Vulcan Avenue and Cornish Drive	62.4	57.1	57.5	65	4	14	45	141	446	1,409
155		Between Cornish Drive and Summit Avenue	62.4	57.1	57.5	65	4	14	45	141	446	1,409
156		Between Summit Avenue and Devonshire	62.4	57.1	57.5	65	4	14	45	141	446	1,409
157		Between Devonshire Drive and Driveway	64.2	58.9	59.3	66	7	21	67	213	674	2,133
158		Between Driveway and I-5 SB Ramps	64.2	58.9	59.3	66	7	21	67	213	674	2,133
159		Between I-5 SB Ramps and I-5 NB Ramps	65.9	60.5	61.0	68	10	32	100	315	998	3,155
160		Between I-5 NB Ramps and Regal Road	64.5	59.1	59.5	67	7	23	72	229	723	2,285
161		Between Regal Road and Gardena Road	64.5	59.1	59.5	67	7	23	72	229	723	2,285
162		Between Gardena Road and Nardo Road	64.5	59.1	59.5	67	7	23	72	229	723	2,285
163		Between Nardo Road and Windsor Road/Bonita Drive	64.9	59.5	59.9	67	8	24	77	245	774	2,449
164		Between Windsor Road/Bonita Drive and Balour Drive	64.9	59.5	59.9	67	8	24	77	245	774	2,449
165		Between Balour Drive and Lake Drive	65.1	59.7	60.2	67	8	26	83	262	830	2,624
166		Between Lake Drive and Crest Drive	64.9	59.5	60.0	67	8	25	79	251	792	2,506
167		Between Crest Drive and El Camino Real	64.9	59.5	60.0	67	8	25	79	251	792	2,506
168	Birmingham Drive	Between San Elijo Avenue and Newcastle Avenue	62.8	58.3	60.7	66	6	19	60	190	601	1,901
169		Between Newcastle Avenue and Manchester Avenue	62.8	58.3	60.7	66	6	19	60	190	601	1,901
170		Between Manchester Avenue and Montgomery Avenue	62.8	58.3	60.7	66	6	19	60	190	601	1,901
171		Between Montgomery Avenue and Cambridge Avenue	62.8	58.3	60.7	66	6	19	60	190	601	1,901
172		Between Cambridge Avenue and MacKinnon Avenue	62.8	58.3	60.7	66	6	19	60	190	601	1,901
173		Between MacKinnon Avenue and Carol View Drive	62.8	58.3	60.7	66	6	19	60	190	601	1,901
174		Between Carol View Drive and I-5 SB Ramps	62.8	58.3	60.7	66	6	19	60	190	601	1,901
175		Between I-5 SB Ramps and I-5 NB Ramps	66.9	60.8	60.8	69	11	36	115	362	1,145	3,622
176		Between I-5 NB Ramps and Villa Cardiff Drive	63.9	57.8	57.9	66	6	19	59	186	587	1,858
177		Between Villa Cardiff Drive and Playa Rivera	62.3	56.9	57.3	64	4	13	43	135	426	1,346
178		Between Playa Rivera and Freda Lane	62.3	56.9	57.3	64	4	13	43	135	426	1,346
179		Between Freda Lane and Lake Drive	62.3	56.9	57.3	64	4	13	43	135	426	1,346

FHWA RD-77-108
Traffic Noise Prediction Model
Data Input Sheet

Project Name : Encinitas HEU
Project Number : 7722
Modeled Condition : Freeway Existing

Surface Refelction: Ldn
Assessment Metric: Soft
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment From	To	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	I-5	Between Palomar Airport Road and Poinsettia Lane		201,800	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
2		Between Poinsettia Lane and La Costa Avenue		200,000	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
3		Between La Costa Avenue and Leucadia Boulevard		196,700	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
4		Between Leucadia Boulevard and Encinitas Boulevard		117,200	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
5		Between Encinitas Boulevard and Santa Fe Drive		196,900	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
6		Between Santa Fe Drive and Birmingham Drive		196,300	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
7		Between Birmingham Drive and Manchester Avenue		198,500	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
8		Between Manchester Avenue and Lomas Santa Fe Drive		247,700	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
9		Between Lomas Santa Fe Drive and Via De La Valle		250,200	65	50	94.00	4.00	2.00	80.00	10.00	10.00	

FHWA RD-77-108
Traffic Noise Prediction Model
Predicted Noise Levels

Project Name : Encinitas HEU
Project Number : 7722
Modeled Condition : Freeway Existing
Assessment Metric: Soft

Segment	Roadway	Segment From	To	Noise Levels, dBA Soft				Distance to Traffic Noise Level Contours, Feet					
				Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	I-5	Between Palomar Airport Road and Poinsettia Lane		83.8	76.2	76.7	85	239	516	1,111	2,393	5,156	11,108
2		Between Poinsettia Lane and La Costa Avenue		83.8	76.2	76.7	85	236	508	1,094	2,357	5,077	10,939
3		Between La Costa Avenue and Leucadia Boulevard		83.7	76.1	76.6	85	236	508	1,094	2,357	5,077	10,939
4		Between Leucadia Boulevard and Encinitas Boulevard		81.4	73.9	74.3	83	166	357	768	1,656	3,567	7,685
5		Between Encinitas Boulevard and Santa Fe Drive		83.7	76.1	76.6	85	236	508	1,094	2,357	5,077	10,939
6		Between Santa Fe Drive and Birmingham Drive		83.7	76.1	76.6	85	232	500	1,077	2,321	5,000	10,772
7		Between Birmingham Drive and Manchester Avenue		83.7	76.2	76.6	85	236	508	1,094	2,357	5,077	10,939
8		Between Manchester Avenue and Lomas Santa Fe Drive		84.7	77.1	77.6	86	275	592	1,275	2,748	5,920	12,754
9		Between Lomas Santa Fe Drive and Via De La Valle		84.7	77.2	77.6	86	275	592	1,275	2,748	5,920	12,754

**FHWA RD-77-108
Traffic Noise Prediction Model**

Data Input Sheet

Project Name : Encinitas Housing Element Update
Project Number : 7722
Modeled Condition : Buildout - Ready Made

Surface Refelction: Ldn
Assessment Metric: Hard
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	Carlsbad Blvd	Between Avenida Encinas and La Costa Avenue	25,500	50	50	96.00	3.00	1.00	80.00	10.00	10.00	
2		Between Poinsettia Lane and Avenida Encinas	25,400	50	50	96.00	3.00	1.00	80.00	10.00	10.00	
3	Highway 101	Between La Costa Avenue and 600 feet south of La Costa Avenue	21,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
4		Between 600 feet south of La Costa Avenue and Leucadia Blvd	20,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
5		Between Leucadia Blvd and Cadmus Street	20,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
6		Between Cadmus Street and Marcheta Street	20,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
7		Between Marcheta Street and 660 feet south of Marcheta Street	20,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
8		Between 660 feet south of Marcheta Street and Encinitas Blvd	19,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
9		Between Encinitas Blvd and D Street	19,200	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
10		Between D Street and E Street	19,200	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
11		Between E Street and F Street	19,200	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
12		Between F Street and H Street	19,200	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
13		Between H Street and J Street	20,800	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
14		Between J Street and Swamis Ped Crossing	20,800	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
15		Between Swami's Ped Crossing and San Elijo State Beach	21,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
16		Between San Elijo State Beach and Chesterfield	21,500	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
17		Between Chesterfield and Cardiff State Beach	23,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
18		Between Cardiff Beach State and Chart House	23,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
19		Between Chart House and Las Olas Mexican Restaurant	23,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
20		Between Las Olas Mexican Restaurant and City of Solana Beach limits	23,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
21		Between City of Solana Beach limits and West Cliff Street	22,600	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
22		Between West Cliff and Lomas Santa Fe	25,100	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
23		Between Lomas Santa Fe Drive and Via De La Valle	23,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
24	Vulcan Avenue	Between La Costa Avenue and Leucadia Boulevard	7,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
25		Between Leucadia Blvd and Encinitas Boulevard	7,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
26		Between Encinitas Boulevard and D Street	13,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
27		Between D Street and E Street	13,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
28		Between E Street and Santa Fe Drive	13,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00	

29	San Elijo Avenue	Between Santa Fe Drive and Birmingham Drive	10,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
30		Between Birmingham Drive and Chesterfield Drive	12,900	35	50	96.00	3.00	1.00	80.00	10.00	10.00
31		Between Chesterfield Drive and Manchester Avenue	13,200	25	50	96.00	3.00	1.00	80.00	10.00	10.00
32	Saxony Road	Between La Costa Avenue and Quail Hollow Drive	4,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00
33		Between Quail Hollow Drive and Normandy Road	3,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
34		Between Normandy Road and Brittany Avenue	4,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
35		Between Brittany Avenue and Leucadia Boulevard	3,400	35	50	96.00	3.00	1.00	80.00	10.00	10.00
36		Between Leucadia Boulevard and Silver Berry Place	11,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
37		Between Silver Berry Place and Encinitas Boulevard	13,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
38	Quail Hollow Drive	Between Swallow Tail Road and Saxony Road	5,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
39	Quail Gardens Drive	Between Swallow Tail Road and Lauren Court	4,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
40		Between Lauren Court and Leucadia Boulevard	5,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
41		Between Leucadia Boulevard and Paseo De Las Flores	9,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
42		Between Paseo De Las Flores and Paseo De Las Verdes	9,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
43		Between Paseo De Las Verdes and Encinitas Boulevard	8,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
44	Westlake Street	Between Encinitas Boulevard and Requeza Street	11,900	30	50	96.00	3.00	1.00	80.00	10.00	10.00
45	Nardo Drive	Between Requeza Street and Melba Road	5,200	25	50	96.00	3.00	1.00	80.00	10.00	10.00
46		Between Melba Road and Santa Fe Drive	5,200	25	50	96.00	3.00	1.00	80.00	10.00	10.00
47	MacKinnon Avenue	Between Santa Fe Drive and Villa Cardiff Drive	6,300	35	50	96.00	3.00	1.00	80.00	10.00	10.00
48	Villa Cardiff Drive	Between MacKinnon Avenue and Windsor Road	6,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
49		Between Windsor Road and Birmingham Drive	6,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
50	Garden View Road	Between Leucadia Boulevard and Via Cantebria	11,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
51		Between Via Cantebria and El Camino Real	12,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
52	Town Center Place	Between Leucadia Boulevard and Town Center Place	20,100	25	50	96.00	3.00	1.00	80.00	10.00	10.00
53		Between Town Center Place and Town Center Drive	17,900	25	50	96.00	3.00	1.00	80.00	10.00	10.00
54	Via Cantebria	Between Town Center Drive and Garden View Road	15,900	25	50	96.00	3.00	1.00	80.00	10.00	10.00
55		Between Garden View Road and Forrest Bluff	14,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
56		Between Forrest Bluff and Via Montoro	15,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
57		Between Via Montoro and Via Molena	17,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
58		Between Via Molena and Encinitas Boulevard	17,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
59	Balour Drive	Between Encinitas Boulevard and Melba Road	11,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
60		Between Melba Road and Santa Fe Drive	11,000	25	50	96.00	3.00	1.00	80.00	10.00	10.00
61	Lake Drive	Between Santa Fe Drive and Woodlake Drive	6,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
62		Between Woodlake Drive and Birmingham Drive	6,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
63	El Camino Real	Between Aviara Parkway and La Costa Avenue	54,500	55	50	96.00	3.00	1.00	80.00	10.00	10.00
64		Between La Costa Avenue and Calle Barcelona	38,400	55	50	96.00	3.00	1.00	80.00	10.00	10.00
65		Between Calle Barcelona and City of Carlsbad boundary	36,400	55	50	96.00	3.00	1.00	80.00	10.00	10.00
66		Between City of Carlsbad boundary and Leucadia Boulevard	46,500	55	50	96.00	3.00	1.00	80.00	10.00	10.00
67		Between Leucadia Boulevard and Town Center Drive	58,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00
68		Between Town Center Drive and Garden View Road	54,100	45	50	96.00	3.00	1.00	80.00	10.00	10.00
69		Between Garden View Road and 331-339 El Camino Real	43,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
70		Between 331-339 El Camino Real and Via Montoro	49,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
71		Between Via Montoro and Mountain Vista	44,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
72		Between Mountain Vista and Via Molena	46,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
73		Between Via Molena and Encinitas Boulevard	57,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
74		Between Encinitas Boulevard and 213 S El Camino Real	39,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
75		Between 213 S El Camino Real and Crest Drive	33,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
76		Between Crest Drive and Willowspring Drive	35,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
77		Between Willowspring Drive and Santa Fe Drive	36,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
78		Between Santa Fe Drive and Sage Canyon Drive	27,600	55	50	96.00	3.00	1.00	80.00	10.00	10.00
79			Between Sage Canyon Drive and Manchester Avenue	26,800	55	50	96.00	3.00	1.00	80.00	10.00
80	Village Park Way	Between Mountain Vista Drive and Parkdale Drive	11,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
81		Between Parkdale Drive and Encinitas Boulevard	14,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00

82	Rancho Santa Fe Road	Between Olivenhain Road and Calle Acervo	17,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00
83		Between Calle Acervo/Avenida La Posta and Olive Crest Drive	16,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
84		Between Olive Crest Drive and 13th Street	16,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
85		Between 13th Street and 11th Street	16,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
86		Between 11th Street and El Camino Del Norte	16,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
87		Between El Camino Del Norte and 9th Street	13,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
88		Between 9th Street and 8th Street	13,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
89		Between 8th Street and 7th Street	14,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
90		Between 7th Street and Encinitas Boulevard	18,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
91	Manchester Avenue	Between Manchester Avenue and Mira Costa College	35,200	50	50	96.00	3.00	1.00	80.00	10.00	10.00
92		Between Mira Costa College and I-5 NB On-Ramp	35,400	50	50	96.00	3.00	1.00	80.00	10.00	10.00
93		Between I-5 NB Ramps and I-5 SB Ramps	40,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
94		Between I-5 SB Ramps and Ocean Cove Drive	11,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
95		Between Ocean Cove Drive and Seaside Cardiff-by-the-sea residential area driveway	11,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
96		Between Seaside Cardiff-by-the-sea residential area driveway and San Elijo Water Reclamation Facility Driveway	11,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
97		Between San Elijo Water Reclamation Facility Driveway and Manchester Avenue	11,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00
98	Manchester Avenue	Between Encinitas Boulevard and El Camino Real	13,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
99	La Costa Avenue	Between Highway 101 and Vulcan Avenue	17,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
100		Between Vulcan Avenue and Sheridan Road	17,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
101		Between Sheridan Road and I-5 SB Ramps	22,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
102		Between I-5 SB Ramps and I-5 NB Ramps	29,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
103		Between I-5 NB Ramps and Piraeus Street	39,600	55	50	96.00	3.00	1.00	80.00	10.00	10.00
104		Between Piraeus Street and Saxony Road	39,700	55	50	96.00	3.00	1.00	80.00	10.00	10.00
105		Between Saxony Road and El Camino Real	42,100	55	50	96.00	3.00	1.00	80.00	10.00	10.00
106		Between El Camino Real and La Costa Towne Center traffic signal	20,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
107		Between La Costa Towne Center traffic signal and Fairway Lane	21,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
108		Between Fairway Lane and Calle Madero	20,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
109	Leucadia Blvd	Between Highway 101 and Vulcan Avenue	15,900	35	50	96.00	3.00	1.00	80.00	10.00	10.00
110		Between Vulcan Avenue and Hermes Avenue	17,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
111		Between Hermes Avenue and Hygeia Avenue	16,900	35	50	96.00	3.00	1.00	80.00	10.00	10.00
112		Between Hygeia Avenue and Hymettus Avenue	15,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
113		Between Hymettus Avenue and Orpheus Avenue	20,400	35	50	96.00	3.00	1.00	80.00	10.00	10.00
114		Between Orpheus Avenue and I-5 SB Ramps	15,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
115		Between I-5 SB Ramps and I-5 NB Ramps	29,600	30	50	96.00	3.00	1.00	80.00	10.00	10.00
116		Between Piraeus Street and Urania Avenue	45,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
117		Between Urania Avenue and Saxony Road	45,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
118		Between Saxony Road and Sidonia Street	42,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
119		Between Sidonia Street and Quail Gardens Drive	42,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
120		Between Quail Gardens Drive and Garden View Road	47,200	45	50	96.00	3.00	1.00	80.00	10.00	10.00
121		Between Garden View Road and Town Center Place	31,900	45	50	96.00	3.00	1.00	80.00	10.00	10.00
122		Between Town Center Place and El Camino Real	39,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00
123	Mountain Vista Drive	Between El Camino Real and Wandering Road	15,100	45	50	96.00	3.00	1.00	80.00	10.00	10.00
124		Between Wandering Road and Village Park Way	9,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00
125	Lone Jack Drive	Between Rancho Santa Fe Road and northern terminus	8,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
126	El Camino Del Norte	Between Rancho Santa Fe Road and San Dieguito CPA boundary	7,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
127		Between San Dieguito CPA boundary to Via De Fortuna	7,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00

128	Encinitas Blvd	Between Highway 101 and Vulcan Avenue	23,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00
129		Between Vulcan Avenue and Days Inn traffic signal	35,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
130		Between Days Inn traffic signal and I-5 SB Ramps	35,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
131		Between I-5 SB Ramps and I-5 NB Ramps	39,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
132		Between I-5 NB Ramps and Saxony Road	42,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
133		Between Saxony Road and Calle Magdalena	35,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
134		Between Calle Magdalena and Encinitas Town Country traffic signal	40,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
135		Between Encinitas Town Country traffic signal and Quail Gardens Drive	36,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00
136		Between Quails Garden Drive and Delphinium Street	38,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00
137		Between Delphinium Street and Balour Drive	38,600	45	50	96.00	3.00	1.00	80.00	10.00	10.00
138		Between Balour Drive and Via Cantebria	47,800	45	50	96.00	3.00	1.00	80.00	10.00	10.00
139		Between Via Cantebria and El Camino Real	29,500	45	50	96.00	3.00	1.00	80.00	10.00	10.00
140		Between El Camino Real and Village Square Drive	31,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00
141		Between Village Square Drive and Turner Avenue	29,800	45	50	96.00	3.00	1.00	80.00	10.00	10.00
142		Between Turner Avenue and Cerro Street	29,800	45	50	96.00	3.00	1.00	80.00	10.00	10.00
143	Between Cerro Street and Village Park Way	30,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
144	Between Village Park Way to Willowspring Drive	28,800	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
145	Between Willowspring Drive to Rancho Santa Fe Road	23,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
146	S Rancho Santa Fe Road	Between Manchester Avenue and 770 feet east of Manchester Avenue	19,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00
147		Between 770 feet east of Manchester Avenue and San Dieguito CPA boundary	19,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00
148	F Street/Requeza Street	Between Vulcan Avenue and Cornish Drive	6,200	25	50	96.00	3.00	1.00	80.00	10.00	10.00
149		Between Cornish Drive and San Dieguito Drive	6,700	25	50	96.00	3.00	1.00	80.00	10.00	10.00
150		Between San Dieguito Drive and Stratford Drive	6,700	25	50	96.00	3.00	1.00	80.00	10.00	10.00
151		Between Stratford Drive and Regal Road	7,200	25	50	96.00	3.00	1.00	80.00	10.00	10.00
152		Between Regal Road and West Lake Drive	6,500	25	50	96.00	3.00	1.00	80.00	10.00	10.00
153	Between West Lake Drive and Nardo Drive	4,900	25	50	96.00	3.00	1.00	80.00	10.00	10.00	
154	Santa Fe Drive	Between Vulcan Avenue and Cornish Drive	8,800	35	50	96.00	3.00	1.00	80.00	10.00	10.00
155		Between Cornish Drive and Summit Avenue	9,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
156		Between Summit Avenue and Devonshire	10,400	35	50	96.00	3.00	1.00	80.00	10.00	10.00
157		Between Devonshire Drive and Driveway	15,800	35	50	96.00	3.00	1.00	80.00	10.00	10.00
158		Between Driveway and I-5 SB Ramps	15,800	35	50	96.00	3.00	1.00	80.00	10.00	10.00
159		Between I-5 SB Ramps and I-5 NB Ramps	23,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
160		Between I-5 NB Ramps and Regal Road	16,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
161		Between Regal Road and Gardena Road	16,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
162		Between Gardena Road and Nardo Road	16,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
163		Between Nardo Road and Windsor Road/Bonita Drive	18,300	35	50	96.00	3.00	1.00	80.00	10.00	10.00
164		Between Windsor Road/Bonita Drive and Balour Drive	18,300	35	50	96.00	3.00	1.00	80.00	10.00	10.00
165		Between Balour Drive and Lake Drive	19,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
166		Between Lake Drive and Crest Drive	18,400	35	50	96.00	3.00	1.00	80.00	10.00	10.00
167	Between Crest Drive and El Camino Real	18,400	35	50	96.00	3.00	1.00	80.00	10.00	10.00	
168	Birmingham Drive	Between San Elijo Avenue and Newcastle Avenue	15,400	30	50	96.00	3.00	1.00	80.00	10.00	10.00
169		Between Newcastle Avenue and Manchester Avenue	15,400	30	50	96.00	3.00	1.00	80.00	10.00	10.00
170		Between Manchester Avenue and Montgomery Avenue	15,400	30	50	96.00	3.00	1.00	80.00	10.00	10.00
171		Between Montgomery Avenue and Cambridge Avenue	15,400	30	50	96.00	3.00	1.00	80.00	10.00	10.00
172		Between Cambridge Avenue and MacKinnon Avenue	15,400	30	50	96.00	3.00	1.00	80.00	10.00	10.00
173		Between MacKinnon Avenue and Carol View Drive	19,600	30	50	96.00	3.00	1.00	80.00	10.00	10.00
174		Between Carol View Drive and I-5 SB Ramps	19,600	30	50	96.00	3.00	1.00	80.00	10.00	10.00
175		Between I-5 SB Ramps and I-5 NB Ramps	21,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
176		Between I-5 NB Ramps and Villa Cardiff Drive	13,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
177		Between Villa Cardiff Drive and Playa Rivera	11,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
178		Between Playa Rivera and Freda Lane	13,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
179		Between Freda Lane and Lake Drive	8,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00

**FHWA RD-77-108
Traffic Noise Prediction Model**

Predicted Noise Levels

Project Name : Encinitas Housing Element Update
Project Number : 7722
Modeled Condition : Buildout - Ready Made
Assessment Metric: Hard

Segment	Roadway	Segment	Noise Levels, dBA Hard				Distance to Traffic Noise Level Contours, Feet					
			Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	Carlsbad Blvd	Between Avenida Encinas and La Costa Avenue	71.6	64.2	63.7	73	31	97	308	975	3,083	9,749
2		Between Poinsettia Lane and Avenida Encinas	71.6	64.2	63.6	73	31	97	308	975	3,083	9,749
3	Highway 101	Between La Costa Avenue and 600 feet south of La Costa Avenue	68.1	62.0	62.0	70	15	48	151	477	1,510	4,775
4		Between 600 feet south of La Costa Avenue and Leucadia Blvd	67.9	61.8	61.8	70	14	46	144	456	1,442	4,560
5		Between Leucadia Blvd and Cadmus Street	68.0	61.8	61.9	70	15	47	148	467	1,476	4,666
6		Between Cadmus Street and Marcheta Street	68.0	61.8	61.9	70	15	47	148	467	1,476	4,666
7		Between Marcheta Street and 660 feet south of Marcheta Street	68.0	61.8	61.9	70	15	47	148	467	1,476	4,666
8		Between 660 feet south of Marcheta Street and Encinitas Blvd	67.6	61.5	61.6	69	14	44	138	435	1,377	4,355
9		Between Encinitas Blvd and D Street	64.0	59.5	61.9	67	8	24	77	245	774	2,449
10		Between D Street and E Street	64.0	59.5	61.9	67	8	24	77	245	774	2,449
11		Between E Street and F Street	64.0	59.5	61.9	67	8	24	77	245	774	2,449
12		Between F Street and H Street	64.0	59.5	61.9	67	8	24	77	245	774	2,449
13		Between H Street and J Street	64.4	59.9	62.2	67	8	27	85	269	849	2,685
14		Between J Street and Swamis Ped Crossing	69.4	62.6	62.3	71	19	62	195	615	1,945	6,151
15		Between Swami's Ped Crossing and San Elijo State Beach	69.5	62.7	62.4	71	19	62	195	615	1,945	6,151
16		Between San Elijo State Beach and Chesterfield	69.6	62.8	62.5	71	20	63	199	629	1,991	6,295
17		Between Chesterfield and Cardiff State Beach	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902
18		Between Cardiff Beach State and Chart House	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902
19		Between Chart House and Las Olas Mexican Restaurant	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902
20		Between Las Olas Mexican Restaurant and City of Solana Beach limits	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902
21		Between City of Solana Beach limits and West Cliff Street	69.8	63.0	62.7	71	21	67	213	674	2,133	6,745
22		Between West Cliff and Lomas Santa Fe	70.2	63.4	63.2	72	23	74	234	740	2,339	7,396
23		Between Lomas Santa Fe Drive and Via De La Valle	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902
24	Vulcan Avenue	Between La Costa Avenue and Leucadia Boulevard	63.3	57.2	57.3	65	5	16	51	162	512	1,618
25		Between Leucadia Blvd and Encinitas Boulevard	63.6	57.5	57.6	65	5	17	55	173	548	1,734
26		Between Encinitas Boulevard and D Street	66.0	59.9	60.0	68	10	30	95	301	953	3,013
27		Between D Street and E Street	66.0	59.9	60.0	68	10	30	95	301	953	3,013
28		Between E Street and Santa Fe Drive	66.1	60.0	60.0	68	10	30	95	301	953	3,013

29	San Elijo Avenue	Between Santa Fe Drive and Birmingham Drive	63.1	57.7	58.2	65	5	17	52	166	524	1,656
30		Between Birmingham Drive and Chesterfield Drive	64.2	58.8	59.3	66	7	21	67	213	674	2,133
31		Between Chesterfield Drive and Manchester Avenue	60.1	56.7	59.5	64	4	12	38	120	379	1,199
32	Saxony Road	Between La Costa Avenue and Quail Hollow Drive	63.0	56.2	55.9	64	4	14	44	138	435	1,377
33		Between Quail Hollow Drive and Normandy Road	58.5	53.2	53.6	61	2	6	18	57	182	574
34		Between Normandy Road and Brittany Avenue	59.1	53.8	54.2	61	2	7	21	66	208	659
35		Between Brittany Avenue and Leucadia Boulevard	58.4	53.1	53.5	61	2	6	18	56	177	561
36		Between Leucadia Boulevard and Silver Berry Place	65.5	59.4	59.4	67	8	26	83	262	830	2,624
37	Between Silver Berry Place and Encinitas Boulevard	66.2	60.1	60.1	68	10	31	97	308	975	3,083	
38	Quail Hollow Drive	Between Swallow Tail Road and Saxony Road	60.1	54.7	55.2	62	3	8	26	83	262	830
39	Quail Gardens Drive	Between Swallow Tail Road and Lauren Court	61.7	55.5	55.6	63	3	11	35	109	346	1,094
40		Between Lauren Court and Leucadia Boulevard	62.0	55.9	55.9	64	4	12	37	117	371	1,172
41		Between Leucadia Boulevard and Paseo De Las Flores	64.5	58.3	58.4	66	7	21	66	208	659	2,084
42		Between Paseo De Las Flores and Paseo De Las Verdes	64.3	58.2	58.2	66	6	20	63	199	629	1,991
43	Between Paseo De Las Verdes and Encinitas Boulevard	64.1	57.9	58.0	66	6	19	60	190	601	1,901	
44	Westlake Street	Between Encinitas Boulevard and Requeza Street	61.9	57.4	59.8	65	5	15	49	155	489	1,545
45	Nardo Drive	Between Requeza Street and Melba Road	56.1	52.6	55.5	60	1	5	15	47	148	467
46		Between Melba Road and Santa Fe Drive	56.1	52.6	55.5	60	1	5	15	47	148	467
47	MacKinnon Avenue	Between Santa Fe Drive and Villa Cardiff Drive	61.1	55.7	56.2	63	3	10	33	104	330	1,045
48	Villa Cardiff Drive	Between MacKinnon Avenue and Windsor Road	61.3	55.9	56.4	63	3	11	35	109	346	1,094
49		Between Windsor Road and Birmingham Drive	61.0	55.6	56.0	63	3	10	32	100	315	998
50	Garden View Road	Between Leucadia Boulevard and Via Cantebria	65.3	59.2	59.3	67	8	26	81	256	811	2,564
51		Between Via Cantebria and El Camino Real	65.9	59.7	59.8	68	9	29	91	288	910	2,877
52	Town Center Place	Between Leucadia Boulevard and Town Center Place	61.9	58.5	61.3	66	6	18	57	182	574	1,815
53		Between Town Center Place and Town Center Drive	61.4	58.0	60.8	65	5	16	51	162	512	1,618
54	Via Cantebria	Between Town Center Drive and Garden View Road	60.9	57.5	60.3	65	5	14	46	144	456	1,442
55		Between Garden View Road and Forrest Bluff	66.5	60.4	60.4	68	10	33	104	330	1,045	3,303
56		Between Forrest Bluff and Via Montoro	66.6	60.5	60.5	68	11	35	109	346	1,094	3,459
57		Between Via Montoro and Via Molena	67.1	60.9	61.0	69	12	38	120	379	1,199	3,793
58		Between Via Molena and Encinitas Boulevard	67.3	61.1	61.2	69	13	40	126	397	1,256	3,972
59	Balour Drive	Between Encinitas Boulevard and Melba Road	63.6	58.2	58.7	66	6	19	59	186	587	1,858
60		Between Melba Road and Santa Fe Drive	59.3	55.9	58.7	63	3	10	32	100	315	998
61	Lake Drive	Between Santa Fe Drive and Woodlake Drive	61.3	55.9	56.4	63	3	11	35	109	346	1,094
62		Between Woodlake Drive and Birmingham Drive	61.3	55.9	56.4	63	3	11	35	109	346	1,094
63	El Camino Real	Between Aviara Parkway and La Costa Avenue	76.1	68.2	67.3	77	83	262	830	2,624	8,298	26,240
64		Between La Costa Avenue and Calle Barcelona	74.6	66.6	65.8	76	59	186	587	1,858	5,874	18,577
65		Between Calle Barcelona and City of Carlsbad boundary	74.4	66.4	65.6	76	56	177	561	1,774	5,610	17,741
66		Between City of Carlsbad boundary and Leucadia Boulevard	75.4	67.5	66.6	77	71	223	706	2,233	7,063	22,334
67		Between Leucadia Boulevard and Town Center Drive	73.9	67.1	66.8	75	55	173	548	1,734	5,482	17,337
68		Between Town Center Drive and Garden View Road	73.6	66.8	66.5	75	51	162	512	1,618	5,116	16,180
69		Between Garden View Road and 331-339 El Camino Real	69.4	64.1	64.5	72	22	71	223	706	2,233	7,063
70		Between 331-339 El Camino Real and Via Montoro	70.0	64.6	65.1	72	26	81	256	811	2,564	8,109
71		Between Via Montoro and Mountain Vista	69.6	64.2	64.7	72	23	74	234	740	2,339	7,396
72		Between Mountain Vista and Via Molena	69.8	64.4	64.9	72	24	77	245	774	2,449	7,744
73		Between Via Molena and Encinitas Boulevard	70.7	65.3	65.7	73	29	93	294	931	2,944	9,310
74		Between Encinitas Boulevard and 213 S El Camino Real	70.7	64.6	64.7	73	28	89	281	889	2,812	8,891
75		Between 213 S El Camino Real and Crest Drive	70.1	63.9	64.0	72	24	76	239	757	2,393	7,568
76		Between Crest Drive and Willowspring Drive	70.3	64.1	64.2	72	25	79	251	792	2,506	7,924
77		Between Willowspring Drive and Santa Fe Drive	70.4	64.3	64.4	72	26	83	262	830	2,624	8,298
78		Between Santa Fe Drive and Sage Canyon Drive	73.2	65.2	64.4	74	43	135	426	1,346	4,256	13,458
79		Between Sage Canyon Drive and Manchester Avenue	73.0	65.1	64.2	74	41	129	406	1,285	4,064	12,852
80	Village Park Way	Between Mountain Vista Drive and Parkdale Drive	65.2	59.1	59.1	67	8	24	77	245	774	2,449
81		Between Parkdale Drive and Encinitas Boulevard	66.3	60.2	60.2	68	10	32	100	315	998	3,155

82	Rancho Santa Fe Road	Between Olivenhain Road and Calle Acervo	68.6	61.8	61.6	70	16	51	162	512	1,618	5,116
83		Between Calle Acervo/Avenida La Posta and Olive Crest Drive	66.9	60.8	60.8	69	12	37	117	371	1,172	3,707
84		Between Olive Crest Drive and 13th Street	66.9	60.8	60.8	69	11	36	115	362	1,145	3,622
85		Between 13th Street and 11th Street	66.9	60.7	60.8	69	11	36	115	362	1,145	3,622
86		Between 11th Street and El Camino Del Norte	66.9	60.8	60.8	69	11	36	115	362	1,145	3,622
87		Between El Camino Del Norte and 9th Street	66.1	60.0	60.1	68	10	31	97	308	975	3,083
88		Between 9th Street and 8th Street	66.2	60.0	60.1	68	10	31	97	308	975	3,083
89		Between 8th Street and 7th Street	66.3	60.2	60.2	68	10	32	102	323	1,021	3,228
90		Between 7th Street and Encinitas Boulevard	67.4	61.3	61.3	69	13	41	129	406	1,285	4,064
91	Manchester Avenue	Between Manchester Avenue and Mira Costa College	73.0	65.6	65.1	74	43	135	426	1,346	4,256	13,458
92		Between Mira Costa College and I-5 NB On-Ramp	73.0	65.6	65.1	74	43	135	426	1,346	4,256	13,458
93		Between I-5 NB Ramps and I-5 SB Ramps	70.8	64.7	64.7	73	28	89	281	889	2,812	8,891
94		Between I-5 SB Ramps and Ocean Cove Drive	65.5	59.4	59.4	67	8	26	83	262	830	2,624
95		Between Ocean Cove Drive and Seaside Cardiff-by-the-sea residential area driveway	65.5	59.3	59.4	67	8	26	83	262	830	2,624
96		Between Seaside Cardiff-by-the-sea residential area driveway and San Elijo Water Reclamation Facility Driveway	65.5	59.3	59.4	67	8	26	83	262	830	2,624
97		Between San Elijo Water Reclamation Facility Driveway and Manchester Avenue	65.4	59.3	59.3	67	8	26	81	256	811	2,564
98	Manchester Avenue	Between Encinitas Boulevard and El Camino Real	66.0	59.8	59.9	68	9	29	93	294	931	2,944
99	La Costa Avenue	Between Highway 101 and Vulcan Avenue	67.2	61.1	61.1	69	12	39	123	388	1,227	3,881
100		Between Vulcan Avenue and Sheridan Road	67.1	61.0	61.1	69	12	39	123	388	1,227	3,881
101		Between Sheridan Road and I-5 SB Ramps	68.3	62.2	62.3	70	16	51	162	512	1,618	5,116
102		Between I-5 SB Ramps and I-5 NB Ramps	69.5	63.4	63.5	71	21	67	213	674	2,133	6,745
103		Between I-5 NB Ramps and Piraeus Street	74.7	66.8	65.9	76	60	190	601	1,901	6,011	19,009
104		Between Piraeus Street and Saxony Road	74.7	66.8	66.0	76	62	195	615	1,945	6,151	19,452
105		Between Saxony Road and El Camino Real	75.0	67.0	66.2	76	64	204	644	2,037	6,441	20,369
106		Between El Camino Real and La Costa Towne Center traffic signal	67.9	61.8	61.9	70	15	47	148	467	1,476	4,666
107		Between La Costa Towne Center traffic signal and Fairway Lane	68.0	61.9	61.9	70	15	47	148	467	1,476	4,666
108		Between Fairway Lane and Calle Madero	67.9	61.8	61.9	70	15	47	148	467	1,476	4,666
109	Leucadia Blvd	Between Highway 101 and Vulcan Avenue	65.1	59.8	60.2	67	8	26	83	262	830	2,624
110		Between Vulcan Avenue and Hermes Avenue	65.5	60.2	60.6	68	9	29	91	288	910	2,877
111		Between Hermes Avenue and Hygeia Avenue	65.4	60.0	60.4	68	9	28	89	281	889	2,812
112		Between Hygeia Avenue and Hymettus Avenue	64.9	59.5	59.9	67	8	24	77	245	774	2,449
113		Between Hymettus Avenue and Orpheus Avenue	66.2	60.8	61.3	68	11	34	107	338	1,069	3,380
114		Between Orpheus Avenue and I-5 SB Ramps	66.6	60.5	60.5	68	11	35	109	346	1,094	3,459
115		Between I-5 SB Ramps and I-5 NB Ramps	65.9	61.4	63.8	69	12	38	120	379	1,199	3,793
116		Between Piraeus Street and Urania Avenue	71.3	65.2	65.2	73	32	100	315	998	3,155	9,976
117		Between Urania Avenue and Saxony Road	71.3	65.2	65.2	73	32	100	315	998	3,155	9,976
118		Between Saxony Road and Sidonia Street	71.1	64.9	65.0	73	30	95	301	953	3,013	9,527
119		Between Sidonia Street and Quail Gardens Drive	71.1	64.9	65.0	73	30	95	301	953	3,013	9,527
120		Between Quail Gardens Drive and Garden View Road	73.0	66.2	65.9	75	45	141	446	1,409	4,456	14,092
121		Between Garden View Road and Town Center Place	71.3	64.5	64.2	73	30	95	301	953	3,013	9,527
122		Between Town Center Place and El Camino Real	72.2	65.4	65.1	74	37	117	371	1,172	3,707	11,721
123	Mountain Vista Drive	Between El Camino Real and Wandering Road	68.0	61.2	61.0	70	14	45	141	446	1,409	4,456
124		Between Wandering Road and Village Park Way	65.9	59.1	58.9	67	9	27	87	275	869	2,748
125	Lone Jack Drive	Between Rancho Santa Fe Road and northern terminus	63.9	57.8	57.8	66	6	18	57	182	574	1,815
126	El Camino Del Norte	Between Rancho Santa Fe Road and San Dieguito CPA boundary	63.7	57.6	57.6	65	5	17	55	173	548	1,734
127		Between San Dieguito CPA boundary to Via De Fortuna	63.5	57.4	57.4	65	5	17	54	169	536	1,694

128	Encinitas Blvd	Between Highway 101 and Vulcan Avenue	68.5	62.4	62.4	70	17	52	166	524	1,656	5,236
129		Between Vulcan Avenue and Days Inn traffic signal	70.2	64.1	64.2	72	25	79	251	792	2,506	7,924
130		Between Days Inn traffic signal and I-5 SB Ramps	70.2	64.1	64.2	72	25	79	251	792	2,506	7,924
131		Between I-5 SB Ramps and I-5 NB Ramps	70.7	64.6	64.7	73	28	89	281	889	2,812	8,891
132		Between I-5 NB Ramps and Saxony Road	71.0	64.9	64.9	73	29	93	294	931	2,944	9,310
133		Between Saxony Road and Calle Magdalena	70.3	64.2	64.2	72	25	79	251	792	2,506	7,924
134		Between Calle Magdalena and Encinitas Town Country traffic signal	70.8	64.7	64.8	73	29	91	288	910	2,877	9,099
135		Between Encinitas Town Country traffic signal and Quail Gardens Drive	70.4	64.3	64.3	72	26	81	256	811	2,564	8,109
136		Between Quails Garden Drive and Delphinium Street	72.1	65.3	65.0	74	36	115	362	1,145	3,622	11,454
137		Between Delphinium Street and Balour Drive	72.1	65.3	65.0	74	36	115	362	1,145	3,622	11,454
138		Between Balour Drive and Via Cantebria	73.0	66.2	66.0	75	45	141	446	1,409	4,456	14,092
139		Between Via Cantebria and El Camino Real	70.9	64.1	63.9	72	27	87	275	869	2,748	8,689
140		Between El Camino Real and Village Square Drive	71.2	64.4	64.1	73	29	93	294	931	2,944	9,310
141		Between Village Square Drive and Turner Avenue	71.0	64.2	63.9	73	28	89	281	889	2,812	8,891
142		Between Turner Avenue and Cerro Street	71.0	64.2	63.9	73	28	89	281	889	2,812	8,891
143	Between Cerro Street and Village Park Way	71.1	64.3	64.0	73	28	89	281	889	2,812	8,891	
144	Between Village Park Way to Willowspring Drive	70.8	64.0	63.8	72	27	85	269	849	2,685	8,491	
145	Between Willowspring Drive to Rancho Santa Fe Road	70.0	63.2	62.9	72	22	71	223	706	2,233	7,063	
146	S Rancho Santa Fe Road	Between Manchester Avenue and 770 feet east of Manchester Avenue	69.1	62.3	62.0	71	18	57	182	574	1,815	5,741
147		Between 770 feet east of Manchester Avenue and San Dieguito CPA boundary	69.1	62.3	62.0	71	18	57	182	574	1,815	5,741
148	F Street/Requeza Street	Between Vulcan Avenue and Cornish Drive	56.8	53.4	56.2	61	2	6	18	56	177	561
149		Between Cornish Drive and San Dieguito Drive	57.2	53.7	56.6	61	2	6	19	60	190	601
150		Between San Dieguito Drive and Stratford Drive	57.2	53.7	56.6	61	2	6	19	60	190	601
151		Between Stratford Drive and Regal Road	57.5	54.0	56.9	61	2	6	20	64	204	644
152		Between Regal Road and West Lake Drive	57.0	53.6	56.4	61	2	6	19	59	186	587
153		Between West Lake Drive and Nardo Drive	55.8	52.4	55.2	60	1	4	14	45	141	446
154	Santa Fe Drive	Between Vulcan Avenue and Cornish Drive	62.5	57.2	57.6	65	5	14	46	144	456	1,442
155		Between Cornish Drive and Summit Avenue	62.9	57.5	57.9	65	5	15	49	155	489	1,545
156		Between Summit Avenue and Devonshire	63.3	57.9	58.3	65	5	17	54	169	536	1,694
157		Between Devonshire Drive and Driveway	65.1	59.7	60.1	67	8	26	83	262	830	2,624
158		Between Driveway and I-5 SB Ramps	65.1	59.7	60.1	67	8	26	83	262	830	2,624
159		Between I-5 SB Ramps and I-5 NB Ramps	66.8	61.4	61.8	69	12	38	120	379	1,199	3,793
160		Between I-5 NB Ramps and Regal Road	65.3	60.0	60.4	67	9	27	87	275	869	2,748
161		Between Regal Road and Gardena Road	65.3	60.0	60.4	67	9	27	87	275	869	2,748
162		Between Gardena Road and Nardo Road	65.3	60.0	60.4	67	9	27	87	275	869	2,748
163		Between Nardo Road and Windsor Road/Bonita Drive	65.7	60.4	60.8	68	10	30	95	301	953	3,013
164		Between Windsor Road/Bonita Drive and Balour Drive	65.7	60.4	60.8	68	10	30	95	301	953	3,013
165		Between Balour Drive and Lake Drive	65.9	60.6	61.0	68	10	32	100	315	998	3,155
166		Between Lake Drive and Crest Drive	65.7	60.4	60.8	68	10	30	95	301	953	3,013
167		Between Crest Drive and El Camino Real	65.7	60.4	60.8	68	10	30	95	301	953	3,013
168	Birmingham Drive	Between San Elijo Avenue and Newcastle Avenue	63.0	58.6	60.9	66	6	20	63	199	629	1,991
169		Between Newcastle Avenue and Manchester Avenue	63.0	58.6	60.9	66	6	20	63	199	629	1,991
170		Between Manchester Avenue and Montgomery Avenue	63.0	58.6	60.9	66	6	20	63	199	629	1,991
171		Between Montgomery Avenue and Cambridge Avenue	63.0	58.6	60.9	66	6	20	63	199	629	1,991
172		Between Cambridge Avenue and MacKinnon Avenue	63.0	58.6	60.9	66	6	20	63	199	629	1,991
173		Between MacKinnon Avenue and Carol View Drive	64.1	59.6	62.0	67	8	25	79	251	792	2,506
174		Between Carol View Drive and I-5 SB Ramps	64.1	59.6	62.0	67	8	25	79	251	792	2,506
175		Between I-5 SB Ramps and I-5 NB Ramps	68.2	62.0	62.1	70	15	49	155	489	1,545	4,886
176		Between I-5 NB Ramps and Villa Cardiff Drive	66.1	59.9	60.0	68	10	30	95	301	953	3,013
177		Between Villa Cardiff Drive and Playa Rivera	63.7	58.4	58.8	66	6	19	60	190	601	1,901
178		Between Playa Rivera and Freda Lane	64.3	58.9	59.3	66	7	21	67	213	674	2,133
179		Between Freda Lane and Lake Drive	62.4	57.1	57.5	65	4	14	45	141	446	1,409

FHWA RD-77-108
Traffic Noise Prediction Model
Data Input Sheet

Project Name : Encinitas HEU
Project Number : 7722
Modeled Condition : Freeway Buildout - Ready Made

Surface Refelction: Ldn
Assessment Metric: Soft
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment From	To	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	I-5	Between Palomar Airport Road and Poinsettia Lane		242,077	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
2		Between Poinsettia Lane and La Costa Avenue		249,053	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
3		Between La Costa Avenue and Leucadia Boulevard		246,765	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
4		Between Leucadia Boulevard and Encinitas Boulevard		164,640	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
5		Between Encinitas Boulevard and Santa Fe Drive		249,446	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
6		Between Santa Fe Drive and Birmingham Drive		252,764	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
7		Between Birmingham Drive and Manchester Avenue		261,702	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
8		Between Manchester Avenue and Lomas Santa Fe Drive		325,913	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
9		Between Lomas Santa Fe Drive and Via De La Valle		318,072	65	50	94.00	4.00	2.00	80.00	10.00	10.00	

FHWA RD-77-108
Traffic Noise Prediction Model
Predicted Noise Levels

Project Name : Encinitas HEU
Project Number : 7722
Modeled Condition : Freeway Buildout - Ready Made
Assessment Metric: Soft

Segment	Roadway	Segment From	To	Noise Levels, dBA Soft				Distance to Traffic Noise Level Contours, Feet					
				Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	I-5	Between Palomar Airport Road and Poinsettia Lane		84.6	77.0	77.5	86	271	583	1,256	2,706	5,830	12,559
2		Between Poinsettia Lane and La Costa Avenue		84.7	77.1	77.6	86	275	592	1,275	2,748	5,920	12,754
3		Between La Costa Avenue and Leucadia Boulevard		84.7	77.1	77.6	86	271	583	1,256	2,706	5,830	12,559
4		Between Leucadia Boulevard and Encinitas Boulevard		82.9	75.3	75.8	84	208	449	967	2,084	4,491	9,675
5		Between Encinitas Boulevard and Santa Fe Drive		84.7	77.2	77.6	86	275	592	1,275	2,748	5,920	12,754
6		Between Santa Fe Drive and Birmingham Drive		84.8	77.2	77.7	86	275	592	1,275	2,748	5,920	12,754
7		Between Birmingham Drive and Manchester Avenue		84.9	77.4	77.8	86	283	610	1,315	2,833	6,104	13,151
8		Between Manchester Avenue and Lomas Santa Fe Drive		85.9	78.3	78.8	87	325	701	1,510	3,253	7,009	15,100
9		Between Lomas Santa Fe Drive and Via De La Valle		85.8	78.2	78.7	87	320	690	1,487	3,204	6,902	14,870

**FHWA RD-77-108
Traffic Noise Prediction Model**

Data Input Sheet

Project Name : Encinitas Housing Element Update
Project Number : 7722
Modeled Condition : Buildout - Build Your Own

Surface Refelction: Ldn
Assessment Metric: Hard
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	Carlsbad Blvd	Between Avenida Encinas and La Costa Avenue	25,400	50	50	96.00	3.00	1.00	80.00	10.00	10.00	
2		Between Poinsettia Lane and Avenida Encinas	25,100	50	50	96.00	3.00	1.00	80.00	10.00	10.00	
3	Highway 101	Between La Costa Avenue and 600 feet south of La Costa Avenue	21,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
4		Between 600 feet south of La Costa Avenue and Leucadia Blvd	19,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
5		Between Leucadia Blvd and Cadmus Street	20,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
6		Between Cadmus Street and Marcheta Street	20,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
7		Between Marcheta Street and 660 feet south of Marcheta Street	20,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
8		Between 660 feet south of Marcheta Street and Encinitas Blvd	19,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
9		Between Encinitas Blvd and D Street	19,100	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
10		Between D Street and E Street	19,100	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
11		Between E Street and F Street	19,100	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
12		Between F Street and H Street	19,100	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
13		Between H Street and J Street	20,700	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
14		Between J Street and Swamis Ped Crossing	20,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
15		Between Swami's Ped Crossing and San Elijo State Beach	20,900	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
16		Between San Elijo State Beach and Chesterfield	21,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
17		Between Chesterfield and Cardiff State Beach	23,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
18		Between Cardiff Beach State and Chart House	23,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
19		Between Chart House and Las Olas Mexican Restaurant	23,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
20		Between Las Olas Mexican Restaurant and City of Solana Beach limits	23,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
21		Between City of Solana Beach limits and West Cliff Street	22,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
22		Between West Cliff and Lomas Santa Fe	25,100	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
23		Between Lomas Santa Fe Drive and Via De La Valle	23,600	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
24	Vulcan Avenue	Between La Costa Avenue and Leucadia Boulevard	7,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
25		Between Leucadia Blvd and Encinitas Boulevard	7,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
26		Between Encinitas Boulevard and D Street	13,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
27		Between D Street and E Street	13,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
28		Between E Street and Santa Fe Drive	13,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00	

29	San Elijo Avenue	Between Santa Fe Drive and Birmingham Drive	10,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
30		Between Birmingham Drive and Chesterfield Drive	12,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
31		Between Chesterfield Drive and Manchester Avenue	9,500	25	50	96.00	3.00	1.00	80.00	10.00	10.00
32	Saxony Road	Between La Costa Avenue and Quail Hollow Drive	4,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00
33		Between Quail Hollow Drive and Normandy Road	3,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
34		Between Normandy Road and Brittany Avenue	3,900	35	50	96.00	3.00	1.00	80.00	10.00	10.00
35		Between Brittany Avenue and Leucadia Boulevard	3,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
36		Between Leucadia Boulevard and Silver Berry Place	11,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
37		Between Silver Berry Place and Encinitas Boulevard	14,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
38	Quail Hollow Drive	Between Swallow Tail Road and Saxony Road	5,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
39	Quail Gardens Drive	Between Swallow Tail Road and Lauren Court	4,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
40		Between Lauren Court and Leucadia Boulevard	5,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
41		Between Leucadia Boulevard and Paseo De Las Flores	8,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
42		Between Paseo De Las Flores and Paseo De Las Verdes	8,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
43		Between Paseo De Las Verdes and Encinitas Boulevard	8,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
44	Westlake Street	Between Encinitas Boulevard and Requeza Street	16,300	30	50	96.00	3.00	1.00	80.00	10.00	10.00
45	Nardo Drive	Between Requeza Street and Melba Road	5,600	25	50	96.00	3.00	1.00	80.00	10.00	10.00
46		Between Melba Road and Santa Fe Drive	4,900	25	50	96.00	3.00	1.00	80.00	10.00	10.00
47	MacKinnon Avenue	Between Santa Fe Drive and Villa Cardiff Drive	6,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
48	Villa Cardiff Drive	Between MacKinnon Avenue and Windsor Road	6,800	35	50	96.00	3.00	1.00	80.00	10.00	10.00
49		Between Windsor Road and Birmingham Drive	6,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
50	Garden View Road	Between Leucadia Boulevard and Via Cantebria	11,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
51		Between Via Cantebria and El Camino Real	12,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00
52	Town Center Place	Between Leucadia Boulevard and Town Center Place	20,500	25	50	96.00	3.00	1.00	80.00	10.00	10.00
53		Between Town Center Place and Town Center Drive	17,100	25	50	96.00	3.00	1.00	80.00	10.00	10.00
54	Via Cantebria	Between Town Center Drive and Garden View Road	15,500	25	50	96.00	3.00	1.00	80.00	10.00	10.00
55		Between Garden View Road and Forrest Bluff	15,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
56		Between Forrest Bluff and Via Montoro	15,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
57		Between Via Montoro and Via Molena	17,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
58		Between Via Molena and Encinitas Boulevard	18,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
59	Balour Drive	Between Encinitas Boulevard and Melba Road	11,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
60		Between Melba Road and Santa Fe Drive	10,700	25	50	96.00	3.00	1.00	80.00	10.00	10.00
61	Lake Drive	Between Santa Fe Drive and Woodlake Drive	6,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
62		Between Woodlake Drive and Birmingham Drive	6,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
63	El Camino Real	Between Aviara Parkway and La Costa Avenue	54,700	55	50	96.00	3.00	1.00	80.00	10.00	10.00
64		Between La Costa Avenue and Calle Barcelona	38,300	55	50	96.00	3.00	1.00	80.00	10.00	10.00
65		Between Calle Barcelona and City of Carlsbad boundary	36,000	55	50	96.00	3.00	1.00	80.00	10.00	10.00
66		Between City of Carlsbad boundary and Leucadia Boulevard	46,200	55	50	96.00	3.00	1.00	80.00	10.00	10.00
67		Between Leucadia Boulevard and Town Center Drive	58,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00
68		Between Town Center Drive and Garden View Road	54,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00
69		Between Garden View Road and 331-339 El Camino Real	42,800	35	50	96.00	3.00	1.00	80.00	10.00	10.00
70		Between 331-339 El Camino Real and Via Montoro	49,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
71		Between Via Montoro and Mountain Vista	44,400	35	50	96.00	3.00	1.00	80.00	10.00	10.00
72		Between Mountain Vista and Via Molena	47,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
73		Between Via Molena and Encinitas Boulevard	58,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
74		Between Encinitas Boulevard and 213 S El Camino Real	39,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
75		Between 213 S El Camino Real and Crest Drive	33,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
76		Between Crest Drive and Willowspring Drive	36,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
77		Between Willowspring Drive and Santa Fe Drive	37,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00
78		Between Santa Fe Drive and Sage Canyon Drive	29,300	55	50	96.00	3.00	1.00	80.00	10.00	10.00
79		Between Sage Canyon Drive and Manchester Avenue	28,600	55	50	96.00	3.00	1.00	80.00	10.00	10.00
80	Village Park Way	Between Mountain Vista Drive and Parkdale Drive	11,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
81		Between Parkdale Drive and Encinitas Boulevard	14,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00

82	Rancho Santa Fe Road	Between Olivenhain Road and Calle Acervo	17,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00
83		Between Calle Acervo/Avenida La Posta and Olive Crest Drive	16,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
84		Between Olive Crest Drive and 13th Street	16,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
85		Between 13th Street and 11th Street	16,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
86		Between 11th Street and El Camino Del Norte	16,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
87		Between El Camino Del Norte and 9th Street	13,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
88		Between 9th Street and 8th Street	14,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
89		Between 8th Street and 7th Street	14,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
90		Between 7th Street and Encinitas Boulevard	18,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
91	Manchester Avenue	Between Manchester Avenue and Mira Costa College	36,700	50	50	96.00	3.00	1.00	80.00	10.00	10.00
92		Between Mira Costa College and I-5 NB On-Ramp	36,800	50	50	96.00	3.00	1.00	80.00	10.00	10.00
93		Between I-5 NB Ramps and I-5 SB Ramps	40,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
94		Between I-5 SB Ramps and Ocean Cove Drive	12,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
95		Between Ocean Cove Drive and Seaside Cardiff-by-the-sea residential area driveway	11,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
96		Between Seaside Cardiff-by-the-sea residential area driveway and San Elijo Water Reclamation Facility Driveway	11,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
97		Between San Elijo Water Reclamation Facility Driveway and Manchester Avenue	11,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
98	Manchester Avenue	Between Encinitas Boulevard and El Camino Real	13,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
99	La Costa Avenue	Between Highway 101 and Vulcan Avenue	17,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
100		Between Vulcan Avenue and Sheridan Road	17,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
101		Between Sheridan Road and I-5 SB Ramps	22,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00
102		Between I-5 SB Ramps and I-5 NB Ramps	29,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
103		Between I-5 NB Ramps and Piraeus Street	39,700	55	50	96.00	3.00	1.00	80.00	10.00	10.00
104		Between Piraeus Street and Saxony Road	39,900	55	50	96.00	3.00	1.00	80.00	10.00	10.00
105		Between Saxony Road and El Camino Real	42,300	55	50	96.00	3.00	1.00	80.00	10.00	10.00
106		Between El Camino Real and La Costa Towne Center traffic signal	20,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
107		Between La Costa Towne Center traffic signal and Fairway Lane	21,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
108		Between Fairway Lane and Calle Madero	20,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
109	Leucadia Blvd	Between Highway 101 and Vulcan Avenue	15,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
110		Between Vulcan Avenue and Hermes Avenue	17,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
111		Between Hermes Avenue and Hygeia Avenue	16,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
112		Between Hygeia Avenue and Hymettus Avenue	15,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
113		Between Hymettus Avenue and Orpheus Avenue	20,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
114		Between Orpheus Avenue and I-5 SB Ramps	18,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
115		Between I-5 SB Ramps and I-5 NB Ramps	28,900	30	50	96.00	3.00	1.00	80.00	10.00	10.00
116		Between Piraeus Street and Urania Avenue	44,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
117		Between Urania Avenue and Saxony Road	44,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
118		Between Saxony Road and Sidonia Street	42,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
119		Between Sidonia Street and Quail Gardens Drive	42,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
120		Between Quail Gardens Drive and Garden View Road	47,600	45	50	96.00	3.00	1.00	80.00	10.00	10.00
121		Between Garden View Road and Town Center Place	32,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00
122		Between Town Center Place and El Camino Real	38,900	45	50	96.00	3.00	1.00	80.00	10.00	10.00
123	Mountain Vista Drive	Between El Camino Real and Wandering Road	15,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00
124		Between Wandering Road and Village Park Way	9,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00
125	Lone Jack Drive	Between Rancho Santa Fe Road and northern terminus	8,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
126	El Camino Del Norte	Between Rancho Santa Fe Road and San Dieguito CPA boundary	7,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
127		Between San Dieguito CPA boundary to Via De Fortuna	7,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00

128	Encinitas Blvd	Between Highway 101 and Vulcan Avenue	22,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
129		Between Vulcan Avenue and Days Inn traffic signal	33,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
130		Between Days Inn traffic signal and I-5 SB Ramps	33,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
131		Between I-5 SB Ramps and I-5 NB Ramps	39,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00
132		Between I-5 NB Ramps and Saxony Road	43,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
133		Between Saxony Road and Calle Magdalena	36,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
134		Between Calle Magdalena and Encinitas Town Country traffic signal	41,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
135		Between Encinitas Town Country traffic signal and Quail Gardens Drive	38,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
136		Between Quails Garden Drive and Delphinium Street	39,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00
137		Between Delphinium Street and Balour Drive	39,900	45	50	96.00	3.00	1.00	80.00	10.00	10.00
138		Between Balour Drive and Via Cantebria	48,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00
139		Between Via Cantebria and El Camino Real	30,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00
140		Between El Camino Real and Village Square Drive	30,900	45	50	96.00	3.00	1.00	80.00	10.00	10.00
141		Between Village Square Drive and Turner Avenue	30,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00
142		Between Turner Avenue and Cerro Street	30,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00
143	Between Cerro Street and Village Park Way	30,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
144	Between Village Park Way to Willowspring Drive	29,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
145	Between Willowspring Drive to Rancho Santa Fe Road	23,900	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
146	S Rancho Santa Fe Road	Between Manchester Avenue and 770 feet east of Manchester Avenue	19,500	45	50	96.00	3.00	1.00	80.00	10.00	10.00
147		Between 770 feet east of Manchester Avenue and San Dieguito CPA boundary	19,500	45	50	96.00	3.00	1.00	80.00	10.00	10.00
148	F Street/Requeza Street	Between Vulcan Avenue and Cornish Drive	6,400	25	50	96.00	3.00	1.00	80.00	10.00	10.00
149		Between Cornish Drive and San Dieguito Drive	6,500	25	50	96.00	3.00	1.00	80.00	10.00	10.00
150		Between San Dieguito Drive and Stratford Drive	6,500	25	50	96.00	3.00	1.00	80.00	10.00	10.00
151		Between Stratford Drive and Regal Road	7,000	25	50	96.00	3.00	1.00	80.00	10.00	10.00
152		Between Regal Road and West Lake Drive	7,600	25	50	96.00	3.00	1.00	80.00	10.00	10.00
153	Between West Lake Drive and Nardo Drive	5,200	25	50	96.00	3.00	1.00	80.00	10.00	10.00	
154	Santa Fe Drive	Between Vulcan Avenue and Cornish Drive	9,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
155		Between Cornish Drive and Summit Avenue	9,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
156		Between Summit Avenue and Devonshire	10,300	35	50	96.00	3.00	1.00	80.00	10.00	10.00
157		Between Devonshire Drive and Driveway	15,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
158		Between Driveway and I-5 SB Ramps	15,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
159		Between I-5 SB Ramps and I-5 NB Ramps	22,900	35	50	96.00	3.00	1.00	80.00	10.00	10.00
160		Between I-5 NB Ramps and Regal Road	16,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
161		Between Regal Road and Gardena Road	16,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
162		Between Gardena Road and Nardo Road	16,500	35	50	96.00	3.00	1.00	80.00	10.00	10.00
163		Between Nardo Road and Windsor Road/Bonita Drive	18,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
164		Between Windsor Road/Bonita Drive and Balour Drive	18,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
165		Between Balour Drive and Lake Drive	19,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
166		Between Lake Drive and Crest Drive	18,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
167	Between Crest Drive and El Camino Real	18,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00	
168	Birmingham Drive	Between San Elijo Avenue and Newcastle Avenue	15,600	30	50	96.00	3.00	1.00	80.00	10.00	10.00
169		Between Newcastle Avenue and Manchester Avenue	15,600	30	50	96.00	3.00	1.00	80.00	10.00	10.00
170		Between Manchester Avenue and Montgomery Avenue	15,600	30	50	96.00	3.00	1.00	80.00	10.00	10.00
171		Between Montgomery Avenue and Cambridge Avenue	15,600	30	50	96.00	3.00	1.00	80.00	10.00	10.00
172		Between Cambridge Avenue and MacKinnon Avenue	15,600	30	50	96.00	3.00	1.00	80.00	10.00	10.00
173		Between MacKinnon Avenue and Carol View Drive	19,700	30	50	96.00	3.00	1.00	80.00	10.00	10.00
174		Between Carol View Drive and I-5 SB Ramps	19,700	30	50	96.00	3.00	1.00	80.00	10.00	10.00
175		Between I-5 SB Ramps and I-5 NB Ramps	22,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
176		Between I-5 NB Ramps and Villa Cardiff Drive	13,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
177		Between Villa Cardiff Drive and Playa Rivera	11,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
178		Between Playa Rivera and Freda Lane	13,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
179		Between Freda Lane and Lake Drive	8,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00

**FHWA RD-77-108
Traffic Noise Prediction Model**

Predicted Noise Levels

Project Name : Encinitas Housing Element Update
Project Number : 7722
Modeled Condition : Buildout - Build Your Own
Assessment Metric: Hard

Segment	Roadway	Segment	Noise Levels, dBA Hard				Distance to Traffic Noise Level Contours, Feet					
			Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	Carlsbad Blvd	Between Avenida Encinas and La Costa Avenue	71.6	64.2	63.6	73	31	97	308	975	3,083	9,749
2		Between Poinsettia Lane and Avenida Encinas	71.6	64.2	63.6	73	30	95	301	953	3,013	9,527
3	Highway 101	Between La Costa Avenue and 600 feet south of La Costa Avenue	68.0	61.9	62.0	70	15	48	151	477	1,510	4,775
4		Between 600 feet south of La Costa Avenue and Leucadia Blvd	67.8	61.6	61.7	70	14	45	141	446	1,409	4,456
5		Between Leucadia Blvd and Cadmus Street	67.9	61.8	61.8	70	14	46	144	456	1,442	4,560
6		Between Cadmus Street and Marcheta Street	67.9	61.8	61.8	70	14	46	144	456	1,442	4,560
7		Between Marcheta Street and 660 feet south of Marcheta Street	67.9	61.8	61.8	70	14	46	144	456	1,442	4,560
8		Between 660 feet south of Marcheta Street and Encinitas Blvd	67.6	61.5	61.5	69	13	43	135	426	1,346	4,256
9		Between Encinitas Blvd and D Street	64.0	59.5	61.9	67	8	24	77	245	774	2,449
10		Between D Street and E Street	64.0	59.5	61.9	67	8	24	77	245	774	2,449
11		Between E Street and F Street	64.0	59.5	61.9	67	8	24	77	245	774	2,449
12		Between F Street and H Street	64.0	59.5	61.9	67	8	24	77	245	774	2,449
13		Between H Street and J Street	64.3	59.9	62.2	67	8	27	85	269	849	2,685
14		Between J Street and Swamis Ped Crossing	69.4	62.6	62.3	71	19	62	195	615	1,945	6,151
15		Between Swami's Ped Crossing and San Elijo State Beach	69.4	62.6	62.4	71	19	62	195	615	1,945	6,151
16		Between San Elijo State Beach and Chesterfield	69.5	62.7	62.5	71	20	63	199	629	1,991	6,295
17		Between Chesterfield and Cardiff State Beach	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902
18		Between Cardiff Beach State and Chart House	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902
19		Between Chart House and Las Olas Mexican Restaurant	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902
20		Between Las Olas Mexican Restaurant and City of Solana Beach limits	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902
21		Between City of Solana Beach limits and West Cliff Street	69.8	63.0	62.7	71	21	67	213	674	2,133	6,745
22		Between West Cliff and Lomas Santa Fe	70.2	63.4	63.2	72	23	74	234	740	2,339	7,396
23		Between Lomas Santa Fe Drive and Via De La Valle	70.0	63.2	62.9	71	22	69	218	690	2,183	6,902
24	Vulcan Avenue	Between La Costa Avenue and Leucadia Boulevard	63.3	57.2	57.3	65	5	16	51	162	512	1,618
25		Between Leucadia Blvd and Encinitas Boulevard	63.5	57.4	57.4	65	5	17	54	169	536	1,694
26		Between Encinitas Boulevard and D Street	66.0	59.9	59.9	68	9	29	93	294	931	2,944
27		Between D Street and E Street	66.0	59.9	59.9	68	9	29	93	294	931	2,944
28		Between E Street and Santa Fe Drive	66.1	59.9	60.0	68	10	30	95	301	953	3,013

29	San Elijo Avenue	Between Santa Fe Drive and Birmingham Drive	63.1	57.8	58.2	65	5	17	52	166	524	1,656
30		Between Birmingham Drive and Chesterfield Drive	64.1	58.7	59.2	66	7	21	66	208	659	2,084
31		Between Chesterfield Drive and Manchester Avenue	58.7	55.2	58.1	62	3	8	27	85	269	849
32	Saxony Road	Between La Costa Avenue and Quail Hollow Drive	63.0	56.2	55.9	64	4	14	44	138	435	1,377
33		Between Quail Hollow Drive and Normandy Road	58.5	53.2	53.6	61	2	6	18	57	182	574
34		Between Normandy Road and Brittany Avenue	59.0	53.6	54.1	61	2	6	20	64	204	644
35		Between Brittany Avenue and Leucadia Boulevard	58.5	53.2	53.6	61	2	6	18	57	182	574
36		Between Leucadia Boulevard and Silver Berry Place	65.5	59.4	59.5	67	8	27	85	269	849	2,685
37		Between Silver Berry Place and Encinitas Boulevard	66.5	60.3	60.4	68	10	33	104	330	1,045	3,303
38	Quail Hollow Drive	Between Swallow Tail Road and Saxony Road	60.1	54.7	55.2	62	3	8	26	83	262	830
39	Quail Gardens Drive	Between Swallow Tail Road and Lauren Court	61.7	55.5	55.6	63	3	11	35	109	346	1,094
40		Between Lauren Court and Leucadia Boulevard	62.0	55.9	55.9	64	4	12	37	117	371	1,172
41		Between Leucadia Boulevard and Paseo De Las Flores	64.0	57.8	57.9	66	6	19	59	186	587	1,858
42		Between Paseo De Las Flores and Paseo De Las Verdes	64.0	57.8	57.9	66	6	19	59	186	587	1,858
43		Between Paseo De Las Verdes and Encinitas Boulevard	64.2	58.0	58.1	66	6	19	62	195	615	1,945
44	Westlake Street	Between Encinitas Boulevard and Requeza Street	63.3	58.8	61.2	66	7	21	66	208	659	2,084
45	Nardo Drive	Between Requeza Street and Melba Road	56.4	52.9	55.8	60	2	5	16	50	158	500
46		Between Melba Road and Santa Fe Drive	55.8	52.4	55.2	60	1	4	14	45	141	446
47	MacKinnon Avenue	Between Santa Fe Drive and Villa Cardiff Drive	61.2	55.9	56.3	63	3	11	34	107	338	1,069
48	Villa Cardiff Drive	Between MacKinnon Avenue and Windsor Road	61.4	56.1	56.5	64	4	11	35	112	354	1,119
49		Between Windsor Road and Birmingham Drive	61.0	55.7	56.1	63	3	10	32	102	323	1,021
50	Garden View Road	Between Leucadia Boulevard and Via Cantebria	65.3	59.2	59.3	67	8	26	81	256	811	2,564
51		Between Via Cantebria and El Camino Real	65.8	59.6	59.7	68	9	28	89	281	889	2,812
52	Town Center Place	Between Leucadia Boulevard and Town Center Place	62.0	58.6	61.4	66	6	19	59	186	587	1,858
53		Between Town Center Place and Town Center Drive	61.2	57.8	60.6	65	5	15	49	155	489	1,545
54	Via Cantebria	Between Town Center Drive and Garden View Road	60.8	57.4	60.2	65	4	14	45	141	446	1,409
55		Between Garden View Road and Forrest Bluff	66.5	60.4	60.5	68	11	34	107	338	1,069	3,380
56		Between Forrest Bluff and Via Montoro	66.6	60.5	60.6	68	11	35	109	346	1,094	3,459
57		Between Via Montoro and Via Molena	67.1	61.0	61.1	69	12	39	123	388	1,227	3,881
58		Between Via Molena and Encinitas Boulevard	67.4	61.2	61.3	69	13	41	129	406	1,285	4,064
59	Balour Drive	Between Encinitas Boulevard and Melba Road	63.7	58.3	58.8	66	6	19	60	190	601	1,901
60		Between Melba Road and Santa Fe Drive	59.2	55.8	58.6	63	3	10	31	97	308	975
61	Lake Drive	Between Santa Fe Drive and Woodlake Drive	61.3	55.9	56.4	63	3	11	35	109	346	1,094
62		Between Woodlake Drive and Birmingham Drive	61.3	55.9	56.4	63	3	11	35	109	346	1,094
63	El Camino Real	Between Aviara Parkway and La Costa Avenue	76.1	68.2	67.3	77	83	262	830	2,624	8,298	26,240
64		Between La Costa Avenue and Calle Barcelona	74.6	66.6	65.8	76	59	186	587	1,858	5,874	18,577
65		Between Calle Barcelona and City of Carlsbad boundary	74.3	66.4	65.5	75	55	173	548	1,734	5,482	17,337
66		Between City of Carlsbad boundary and Leucadia Boulevard	75.4	67.4	66.6	77	71	223	706	2,233	7,063	22,334
67		Between Leucadia Boulevard and Town Center Drive	73.9	67.1	66.9	75	55	173	548	1,734	5,482	17,337
68		Between Town Center Drive and Garden View Road	73.6	66.8	66.5	75	50	158	500	1,581	5,000	15,811
69		Between Garden View Road and 331-339 El Camino Real	69.4	64.1	64.5	72	22	71	223	706	2,233	7,063
70		Between 331-339 El Camino Real and Via Montoro	70.0	64.6	65.1	72	26	81	256	811	2,564	8,109
71		Between Via Montoro and Mountain Vista	69.6	64.2	64.6	72	23	72	229	723	2,285	7,227
72		Between Mountain Vista and Via Molena	69.8	64.5	64.9	72	24	77	245	774	2,449	7,744
73		Between Via Molena and Encinitas Boulevard	70.7	65.4	65.8	73	30	95	301	953	3,013	9,527
74		Between Encinitas Boulevard and 213 S El Camino Real	70.8	64.6	64.7	73	28	89	281	889	2,812	8,891
75		Between 213 S El Camino Real and Crest Drive	70.1	63.9	64.0	72	24	76	239	757	2,393	7,568
76		Between Crest Drive and Willowspring Drive	70.3	64.2	64.3	72	26	81	256	811	2,564	8,109
77		Between Willowspring Drive and Santa Fe Drive	70.5	64.4	64.4	72	27	85	269	849	2,685	8,491
78		Between Santa Fe Drive and Sage Canyon Drive	73.4	65.5	64.6	75	45	141	446	1,409	4,456	14,092
79			Between Sage Canyon Drive and Manchester Avenue	73.3	65.4	64.5	74	44	138	435	1,377	4,355
80	Village Park Way	Between Mountain Vista Drive and Parkdale Drive	65.2	59.1	59.1	67	8	24	77	245	774	2,449
81		Between Parkdale Drive and Encinitas Boulevard	66.4	60.2	60.3	68	10	32	102	323	1,021	3,228

82	Rancho Santa Fe Road	Between Olivenhain Road and Calle Acervo	68.6	61.8	61.6	70	16	51	162	512	1,618	5,116
83		Between Calle Acervo/Avenida La Posta and Olive Crest Drive	66.9	60.8	60.8	69	12	37	117	371	1,172	3,707
84		Between Olive Crest Drive and 13th Street	66.9	60.7	60.8	69	11	36	115	362	1,145	3,622
85		Between 13th Street and 11th Street	66.8	60.7	60.8	69	11	36	115	362	1,145	3,622
86		Between 11th Street and El Camino Del Norte	66.9	60.8	60.8	69	11	36	115	362	1,145	3,622
87		Between El Camino Del Norte and 9th Street	66.2	60.0	60.1	68	10	31	97	308	975	3,083
88		Between 9th Street and 8th Street	66.2	60.1	60.2	68	10	32	100	315	998	3,155
89		Between 8th Street and 7th Street	66.4	60.2	60.3	68	10	32	102	323	1,021	3,228
90		Between 7th Street and Encinitas Boulevard	67.4	61.3	61.3	69	13	41	129	406	1,285	4,064
91	Manchester Avenue	Between Manchester Avenue and Mira Costa College	73.2	65.8	65.2	75	45	141	446	1,409	4,456	14,092
92		Between Mira Costa College and I-5 NB On-Ramp	73.2	65.8	65.2	75	45	141	446	1,409	4,456	14,092
93		Between I-5 NB Ramps and I-5 SB Ramps	70.9	64.7	64.8	73	29	91	288	910	2,877	9,099
94		Between I-5 SB Ramps and Ocean Cove Drive	65.6	59.4	59.5	67	8	27	85	269	849	2,685
95		Between Ocean Cove Drive and Seaside Cardiff-by-the-sea residential area driveway	65.5	59.4	59.5	67	8	27	85	269	849	2,685
96		Between Seaside Cardiff-by-the-sea residential area driveway and San Elijo Water Reclamation Facility Driveway	65.5	59.4	59.5	67	8	27	85	269	849	2,685
97		Between San Elijo Water Reclamation Facility Driveway and Manchester Avenue	65.5	59.4	59.4	67	8	26	83	262	830	2,624
98	Manchester Avenue	Between Encinitas Boulevard and El Camino Real	66.1	59.9	60.0	68	10	30	95	301	953	3,013
99	La Costa Avenue	Between Highway 101 and Vulcan Avenue	67.1	61.0	61.0	69	12	38	120	379	1,199	3,793
100		Between Vulcan Avenue and Sheridan Road	67.1	60.9	61.0	69	12	38	120	379	1,199	3,793
101		Between Sheridan Road and I-5 SB Ramps	68.3	62.2	62.2	70	16	50	158	500	1,581	5,000
102		Between I-5 SB Ramps and I-5 NB Ramps	69.5	63.4	63.4	71	21	66	208	659	2,084	6,591
103		Between I-5 NB Ramps and Piraeus Street	74.7	66.8	66.0	76	62	195	615	1,945	6,151	19,452
104		Between Piraeus Street and Saxony Road	74.8	66.8	66.0	76	62	195	615	1,945	6,151	19,452
105		Between Saxony Road and El Camino Real	75.0	67.1	66.2	76	64	204	644	2,037	6,441	20,369
106		Between El Camino Real and La Costa Towne Center traffic signal	68.0	61.8	61.9	70	15	47	148	467	1,476	4,666
107		Between La Costa Towne Center traffic signal and Fairway Lane	68.0	61.9	61.9	70	15	47	148	467	1,476	4,666
108		Between Fairway Lane and Calle Madero	67.9	61.8	61.9	70	15	47	148	467	1,476	4,666
109	Leucadia Blvd	Between Highway 101 and Vulcan Avenue	65.0	59.7	60.1	67	8	26	81	256	811	2,564
110		Between Vulcan Avenue and Hermes Avenue	65.5	60.1	60.5	68	9	28	89	281	889	2,812
111		Between Hermes Avenue and Hygeia Avenue	65.3	59.9	60.4	67	9	27	87	275	869	2,748
112		Between Hygeia Avenue and Hymettus Avenue	64.9	59.5	59.9	67	8	24	77	245	774	2,449
113		Between Hymettus Avenue and Orpheus Avenue	66.1	60.7	61.2	68	10	33	104	330	1,045	3,303
114		Between Orpheus Avenue and I-5 SB Ramps	67.4	61.3	61.4	69	13	42	132	416	1,315	4,159
115		Between I-5 SB Ramps and I-5 NB Ramps	65.8	61.3	63.7	69	12	37	117	371	1,172	3,707
116		Between Piraeus Street and Urania Avenue	71.2	65.1	65.1	73	32	100	315	998	3,155	9,976
117		Between Urania Avenue and Saxony Road	71.2	65.1	65.1	73	32	100	315	998	3,155	9,976
118		Between Saxony Road and Sidonia Street	71.0	64.9	64.9	73	29	93	294	931	2,944	9,310
119		Between Sidonia Street and Quail Gardens Drive	71.0	64.9	64.9	73	29	93	294	931	2,944	9,310
120		Between Quail Gardens Drive and Garden View Road	73.0	66.2	65.9	75	45	141	446	1,409	4,456	14,092
121		Between Garden View Road and Town Center Place	71.3	64.5	64.2	73	30	95	301	953	3,013	9,527
122		Between Town Center Place and El Camino Real	72.1	65.3	65.1	74	36	115	362	1,145	3,622	11,454
123	Mountain Vista Drive	Between El Camino Real and Wandering Road	68.0	61.2	60.9	70	14	45	141	446	1,409	4,456
124		Between Wandering Road and Village Park Way	65.9	59.1	58.9	67	9	27	87	275	869	2,748
125	Lone Jack Drive	Between Rancho Santa Fe Road and northern terminus	63.9	57.8	57.8	66	6	18	57	182	574	1,815
126	El Camino Del Norte	Between Rancho Santa Fe Road and San Dieguito CPA boundary	63.7	57.6	57.7	66	6	18	56	177	561	1,774
127		Between San Dieguito CPA boundary to Via De Fortuna	63.6	57.5	57.5	65	5	17	54	169	536	1,694

128	Encinitas Blvd	Between Highway 101 and Vulcan Avenue	68.3	62.2	62.3	70	16	51	162	512	1,618	5,116
129		Between Vulcan Avenue and Days Inn traffic signal	70.1	63.9	64.0	72	24	76	239	757	2,393	7,568
130		Between Days Inn traffic signal and I-5 SB Ramps	70.1	63.9	64.0	72	24	76	239	757	2,393	7,568
131		Between I-5 SB Ramps and I-5 NB Ramps	70.7	64.6	64.7	73	28	89	281	889	2,812	8,891
132		Between I-5 NB Ramps and Saxony Road	71.1	65.0	65.0	73	30	95	301	953	3,013	9,527
133		Between Saxony Road and Calle Magdalena	70.4	64.3	64.3	72	26	81	256	811	2,564	8,109
134		Between Calle Magdalena and Encinitas Town Country traffic signal	70.9	64.8	64.9	73	29	93	294	931	2,944	9,310
135		Between Encinitas Town Country traffic signal and Quail Gardens Drive	70.6	64.5	64.5	72	27	85	269	849	2,685	8,491
136		Between Quails Garden Drive and Delphinium Street	72.2	65.4	65.2	74	37	117	371	1,172	3,707	11,721
137		Between Delphinium Street and Balour Drive	72.3	65.5	65.2	74	37	117	371	1,172	3,707	11,721
138		Between Balour Drive and Via Cantebria	73.1	66.3	66.0	75	46	144	456	1,442	4,560	14,420
139		Between Via Cantebria and El Camino Real	71.1	64.3	64.0	73	28	89	281	889	2,812	8,891
140		Between El Camino Real and Village Square Drive	71.1	64.3	64.1	73	29	91	288	910	2,877	9,099
141		Between Village Square Drive and Turner Avenue	71.0	64.2	63.9	73	28	89	281	889	2,812	8,891
142		Between Turner Avenue and Cerro Street	71.0	64.2	63.9	73	28	89	281	889	2,812	8,891
143	Between Cerro Street and Village Park Way	71.1	64.3	64.0	73	29	91	288	910	2,877	9,099	
144	Between Village Park Way to Willowspring Drive	70.9	64.1	63.8	72	27	85	269	849	2,685	8,491	
145	Between Willowspring Drive to Rancho Santa Fe Road	70.0	63.2	63.0	72	22	71	223	706	2,233	7,063	
146	S Rancho Santa Fe Road	Between Manchester Avenue and 770 feet east of Manchester Avenue	69.1	62.3	62.1	71	18	57	182	574	1,815	5,741
147		Between 770 feet east of Manchester Avenue and San Dieguito CPA boundary	69.1	62.3	62.1	71	18	57	182	574	1,815	5,741
148	F Street/Requeza Street	Between Vulcan Avenue and Cornish Drive	57.0	53.5	56.4	61	2	6	18	57	182	574
149		Between Cornish Drive and San Dieguito Drive	57.0	53.6	56.4	61	2	6	19	59	186	587
150		Between San Dieguito Drive and Stratford Drive	57.0	53.6	56.4	61	2	6	19	59	186	587
151		Between Stratford Drive and Regal Road	57.3	53.9	56.8	61	2	6	20	63	199	629
152		Between Regal Road and West Lake Drive	57.7	54.3	57.1	61	2	7	22	69	218	690
153		Between West Lake Drive and Nardo Drive	56.1	52.6	55.5	60	1	5	15	47	148	467
154	Santa Fe Drive	Between Vulcan Avenue and Cornish Drive	62.6	57.3	57.7	65	5	15	47	148	467	1,476
155		Between Cornish Drive and Summit Avenue	62.6	57.3	57.7	65	5	15	47	148	467	1,476
156		Between Summit Avenue and Devonshire	63.2	57.9	58.3	65	5	17	54	169	536	1,694
157		Between Devonshire Drive and Driveway	65.0	59.7	60.1	67	8	26	81	256	811	2,564
158		Between Driveway and I-5 SB Ramps	65.0	59.7	60.1	67	8	26	81	256	811	2,564
159		Between I-5 SB Ramps and I-5 NB Ramps	66.7	61.3	61.8	69	12	38	120	379	1,199	3,793
160		Between I-5 NB Ramps and Regal Road	65.3	59.9	60.3	67	8	27	85	269	849	2,685
161		Between Regal Road and Gardena Road	65.3	59.9	60.3	67	8	27	85	269	849	2,685
162		Between Gardena Road and Nardo Road	65.3	59.9	60.3	67	8	27	85	269	849	2,685
163		Between Nardo Road and Windsor Road/Bonita Drive	65.7	60.3	60.7	68	9	29	93	294	931	2,944
164		Between Windsor Road/Bonita Drive and Balour Drive	65.7	60.3	60.7	68	9	29	93	294	931	2,944
165		Between Balour Drive and Lake Drive	65.9	60.5	60.9	68	10	32	100	315	998	3,155
166		Between Lake Drive and Crest Drive	65.7	60.3	60.8	68	10	30	95	301	953	3,013
167		Between Crest Drive and El Camino Real	65.7	60.3	60.8	68	10	30	95	301	953	3,013
168	Birmingham Drive	Between San Elijo Avenue and Newcastle Avenue	63.1	58.6	61.0	66	6	20	63	199	629	1,991
169		Between Newcastle Avenue and Manchester Avenue	63.1	58.6	61.0	66	6	20	63	199	629	1,991
170		Between Manchester Avenue and Montgomery Avenue	63.1	58.6	61.0	66	6	20	63	199	629	1,991
171		Between Montgomery Avenue and Cambridge Avenue	63.1	58.6	61.0	66	6	20	63	199	629	1,991
172		Between Cambridge Avenue and MacKinnon Avenue	63.1	58.6	61.0	66	6	20	63	199	629	1,991
173		Between MacKinnon Avenue and Carol View Drive	64.1	59.6	62.0	67	8	26	81	256	811	2,564
174		Between Carol View Drive and I-5 SB Ramps	64.1	59.6	62.0	67	8	26	81	256	811	2,564
175		Between I-5 SB Ramps and I-5 NB Ramps	68.2	62.1	62.1	70	15	49	155	489	1,545	4,886
176		Between I-5 NB Ramps and Villa Cardiff Drive	66.1	59.9	60.0	68	10	30	95	301	953	3,013
177		Between Villa Cardiff Drive and Playa Rivera	63.7	58.4	58.8	66	6	19	60	190	601	1,901
178		Between Playa Rivera and Freda Lane	64.3	58.9	59.3	66	7	21	67	213	674	2,133
179		Between Freda Lane and Lake Drive	62.5	57.1	57.6	65	5	14	46	144	456	1,442

FHWA RD-77-108
Traffic Noise Prediction Model
Data Input Sheet

Project Name : Encinitas HEU
Project Number : 7722
Modeled Condition : Freeway Buildout - Build Your Own

Surface Refelction: Ldn
Assessment Metric: Soft
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment From	To	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	I-5	Between Palomar Airport Road and Poinsettia Lane		242,028	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
2		Between Poinsettia Lane and La Costa Avenue		248,873	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
3		Between La Costa Avenue and Leucadia Boulevard		247,028	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
4		Between Leucadia Boulevard and Encinitas Boulevard		165,412	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
5		Between Encinitas Boulevard and Santa Fe Drive		249,344	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
6		Between Santa Fe Drive and Birmingham Drive		252,953	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
7		Between Birmingham Drive and Manchester Avenue		262,124	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
8		Between Manchester Avenue and Lomas Santa Fe Drive		326,993	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
9		Between Lomas Santa Fe Drive and Via De La Valle		318,801	65	50	94.00	4.00	2.00	80.00	10.00	10.00	

FHWA RD-77-108
Traffic Noise Prediction Model
Predicted Noise Levels

Project Name : Encinitas HEU
Project Number : 7722
Modeled Condition : Freeway Buildout - Build Your Own
Assessment Metric: Soft

Segment	Roadway	Segment From	To	Noise Levels, dBA Soft				Distance to Traffic Noise Level Contours, Feet					
				Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	I-5	Between Palomar Airport Road and Poinsettia Lane		84.6	77.0	77.5	86	271	583	1,256	2,706	5,830	12,559
2		Between Poinsettia Lane and La Costa Avenue		84.7	77.1	77.6	86	275	592	1,275	2,748	5,920	12,754
3		Between La Costa Avenue and Leucadia Boulevard		84.7	77.1	77.6	86	271	583	1,256	2,706	5,830	12,559
4		Between Leucadia Boulevard and Encinitas Boulevard		82.9	75.4	75.8	84	208	449	967	2,084	4,491	9,675
5		Between Encinitas Boulevard and Santa Fe Drive		84.7	77.1	77.6	86	275	592	1,275	2,748	5,920	12,754
6		Between Santa Fe Drive and Birmingham Drive		84.8	77.2	77.7	86	275	592	1,275	2,748	5,920	12,754
7		Between Birmingham Drive and Manchester Avenue		84.9	77.4	77.8	86	283	610	1,315	2,833	6,104	13,151
8		Between Manchester Avenue and Lomas Santa Fe Drive		85.9	78.3	78.8	87	330	712	1,533	3,303	7,117	15,333
9		Between Lomas Santa Fe Drive and Via De La Valle		85.8	78.2	78.7	87	325	701	1,510	3,253	7,009	15,100

**FHWA RD-77-108
Traffic Noise Prediction Model**

Data Input Sheet

Project Name : Encinitas Housing Element Update
Project Number : 7722
Modeled Condition : Buildout - Modified Mixed-Use Places

Surface Refelction: Ldn
Assessment Metric: Hard
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	Carlsbad Blvd	Between Avenida Encinas and La Costa Avenue	25,500	50	50	96.00	3.00	1.00	80.00	10.00	10.00	
2		Between Poinsettia Lane and Avenida Encinas	25,400	50	50	96.00	3.00	1.00	80.00	10.00	10.00	
3	Highway 101	Between La Costa Avenue and 600 feet south of La Costa Avenue	21,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
4		Between 600 feet south of La Costa Avenue and Leucadia Blvd	20,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
5		Between Leucadia Blvd and Cadmus Street	21,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
6		Between Cadmus Street and Marcheta Street	21,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
7		Between Marcheta Street and 660 feet south of Marcheta Street	19,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
8		Between 660 feet south of Marcheta Street and Encinitas Blvd	19,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
9		Between Encinitas Blvd and D Street	19,300	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
10		Between D Street and E Street	19,300	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
11		Between E Street and F Street	19,300	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
12		Between F Street and H Street	19,300	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
13		Between H Street and J Street	20,900	30	50	96.00	3.00	1.00	80.00	10.00	10.00	
14		Between J Street and Swamis Ped Crossing	20,900	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
15		Between Swami's Ped Crossing and San Elijo State Beach	21,100	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
16		Between San Elijo State Beach and Chesterfield	21,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
17		Between Chesterfield and Cardiff State Beach	23,200	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
18		Between Cardiff Beach State and Chart House	23,200	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
19		Between Chart House and Las Olas Mexican Restaurant	23,200	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
20		Between Las Olas Mexican Restaurant and City of Solana Beach limits	23,200	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
21		Between City of Solana Beach limits and West Cliff Street	22,600	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
22		Between West Cliff and Lomas Santa Fe	25,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
23		Between Lomas Santa Fe Drive and Via De La Valle	23,600	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
24	Vulcan Avenue	Between La Costa Avenue and Leucadia Boulevard	7,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
25		Between Leucadia Blvd and Encinitas Boulevard	7,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
26		Between Encinitas Boulevard and D Street	13,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
27		Between D Street and E Street	13,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00	
28		Between E Street and Santa Fe Drive	14,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00	

29	San Elijo Avenue	Between Santa Fe Drive and Birmingham Drive	10,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
30		Between Birmingham Drive and Chesterfield Drive	12,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
31		Between Chesterfield Drive and Manchester Avenue	9,600	25	50	96.00	3.00	1.00	80.00	10.00	10.00
32	Saxony Road	Between La Costa Avenue and Quail Hollow Drive	4,600	45	50	96.00	3.00	1.00	80.00	10.00	10.00
33		Between Quail Hollow Drive and Normandy Road	3,400	35	50	96.00	3.00	1.00	80.00	10.00	10.00
34		Between Normandy Road and Brittany Avenue	3,800	35	50	96.00	3.00	1.00	80.00	10.00	10.00
35		Between Brittany Avenue and Leucadia Boulevard	3,400	35	50	96.00	3.00	1.00	80.00	10.00	10.00
36		Between Leucadia Boulevard and Silver Berry Place	11,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
37		Between Silver Berry Place and Encinitas Boulevard	14,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
38	Quail Hollow Drive	Between Swallow Tail Road and Saxony Road	5,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
39	Quail Gardens Drive	Between Swallow Tail Road and Lauren Court	4,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
40		Between Lauren Court and Leucadia Boulevard	5,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
41		Between Leucadia Boulevard and Paseo De Las Flores	9,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
42		Between Paseo De Las Flores and Paseo De Las Verdes	9,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
43		Between Paseo De Las Verdes and Encinitas Boulevard	8,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
44	Westlake Street	Between Encinitas Boulevard and Requeza Street	11,800	30	50	96.00	3.00	1.00	80.00	10.00	10.00
45	Nardo Drive	Between Requeza Street and Melba Road	5,200	25	50	96.00	3.00	1.00	80.00	10.00	10.00
46		Between Melba Road and Santa Fe Drive	5,200	25	50	96.00	3.00	1.00	80.00	10.00	10.00
47	MacKinnon Avenue	Between Santa Fe Drive and Villa Cardiff Drive	6,300	35	50	96.00	3.00	1.00	80.00	10.00	10.00
48	Villa Cardiff Drive	Between MacKinnon Avenue and Windsor Road	6,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
49		Between Windsor Road and Birmingham Drive	5,800	35	50	96.00	3.00	1.00	80.00	10.00	10.00
50	Garden View Road	Between Leucadia Boulevard and Via Cantebria	11,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
51		Between Via Cantebria and El Camino Real	12,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
52	Town Center Place	Between Leucadia Boulevard and Town Center Place	20,500	25	50	96.00	3.00	1.00	80.00	10.00	10.00
53		Between Town Center Place and Town Center Drive	17,200	25	50	96.00	3.00	1.00	80.00	10.00	10.00
54	Via Cantebria	Between Town Center Drive and Garden View Road	15,700	25	50	96.00	3.00	1.00	80.00	10.00	10.00
55		Between Garden View Road and Forrest Bluff	15,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
56		Between Forrest Bluff and Via Montoro	15,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
57		Between Via Montoro and Via Molena	17,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
58		Between Via Molena and Encinitas Boulevard	18,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
59	Balour Drive	Between Encinitas Boulevard and Melba Road	11,300	35	50	96.00	3.00	1.00	80.00	10.00	10.00
60		Between Melba Road and Santa Fe Drive	11,100	25	50	96.00	3.00	1.00	80.00	10.00	10.00
61	Lake Drive	Between Santa Fe Drive and Woodlake Drive	6,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
62		Between Woodlake Drive and Birmingham Drive	6,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
63	El Camino Real	Between Aviara Parkway and La Costa Avenue	54,400	55	50	96.00	3.00	1.00	80.00	10.00	10.00
64		Between La Costa Avenue and Calle Barcelona	38,700	55	50	96.00	3.00	1.00	80.00	10.00	10.00
65		Between Calle Barcelona and City of Carlsbad boundary	36,400	55	50	96.00	3.00	1.00	80.00	10.00	10.00
66		Between City of Carlsbad boundary and Leucadia Boulevard	46,500	55	50	96.00	3.00	1.00	80.00	10.00	10.00
67		Between Leucadia Boulevard and Town Center Drive	59,200	45	50	96.00	3.00	1.00	80.00	10.00	10.00
68		Between Town Center Drive and Garden View Road	54,500	45	50	96.00	3.00	1.00	80.00	10.00	10.00
69		Between Garden View Road and 331-339 El Camino Real	43,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
70		Between 331-339 El Camino Real and Via Montoro	49,300	35	50	96.00	3.00	1.00	80.00	10.00	10.00
71		Between Via Montoro and Mountain Vista	44,900	35	50	96.00	3.00	1.00	80.00	10.00	10.00
72		Between Mountain Vista and Via Molena	47,400	35	50	96.00	3.00	1.00	80.00	10.00	10.00
73		Between Via Molena and Encinitas Boulevard	58,800	35	50	96.00	3.00	1.00	80.00	10.00	10.00
74		Between Encinitas Boulevard and 213 S El Camino Real	40,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
75		Between 213 S El Camino Real and Crest Drive	33,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
76		Between Crest Drive and Willowspring Drive	36,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
77		Between Willowspring Drive and Santa Fe Drive	37,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
78		Between Santa Fe Drive and Sage Canyon Drive	29,500	55	50	96.00	3.00	1.00	80.00	10.00	10.00
79		Between Sage Canyon Drive and Manchester Avenue	29,000	55	50	96.00	3.00	1.00	80.00	10.00	10.00
80	Village Park Way	Between Mountain Vista Drive and Parkdale Drive	11,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
81		Between Parkdale Drive and Encinitas Boulevard	14,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00

82	Rancho Santa Fe Road	Between Olivenhain Road and Calle Acervo	17,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00
83		Between Calle Acervo/Avenida La Posta and Olive Crest Drive	16,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
84		Between Olive Crest Drive and 13th Street	16,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
85		Between 13th Street and 11th Street	16,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
86		Between 11th Street and El Camino Del Norte	16,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
87		Between El Camino Del Norte and 9th Street	13,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
88		Between 9th Street and 8th Street	13,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
89		Between 8th Street and 7th Street	14,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
90		Between 7th Street and Encinitas Boulevard	18,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
91	Manchester Avenue	Between Manchester Avenue and Mira Costa College	37,100	50	50	96.00	3.00	1.00	80.00	10.00	10.00
92		Between Mira Costa College and I-5 NB On-Ramp	37,400	50	50	96.00	3.00	1.00	80.00	10.00	10.00
93		Between I-5 NB Ramps and I-5 SB Ramps	40,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
94		Between I-5 SB Ramps and Ocean Cove Drive	12,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
95		Between Ocean Cove Drive and Seaside Cardiff-by-the-sea residential area driveway	12,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
96		Between Seaside Cardiff-by-the-sea residential area driveway and San Elijo Water Reclamation Facility Driveway	12,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
97		Between San Elijo Water Reclamation Facility Driveway and Manchester Avenue	12,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
98	Manchester Avenue	Between Encinitas Boulevard and El Camino Real	14,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
99	La Costa Avenue	Between Highway 101 and Vulcan Avenue	17,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
100		Between Vulcan Avenue and Sheridan Road	17,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
101		Between Sheridan Road and I-5 SB Ramps	22,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
102		Between I-5 SB Ramps and I-5 NB Ramps	30,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
103		Between I-5 NB Ramps and Piraeus Street	39,700	55	50	96.00	3.00	1.00	80.00	10.00	10.00
104		Between Piraeus Street and Saxony Road	39,800	55	50	96.00	3.00	1.00	80.00	10.00	10.00
105		Between Saxony Road and El Camino Real	42,100	55	50	96.00	3.00	1.00	80.00	10.00	10.00
106		Between El Camino Real and La Costa Towne Center traffic signal	21,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
107		Between La Costa Towne Center traffic signal and Fairway Lane	21,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
108		Between Fairway Lane and Calle Madero	20,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
109	Leucadia Blvd	Between Highway 101 and Vulcan Avenue	16,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
110		Between Vulcan Avenue and Hermes Avenue	17,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
111		Between Hermes Avenue and Hygeia Avenue	17,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
112		Between Hygeia Avenue and Hymettus Avenue	15,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
113		Between Hymettus Avenue and Orpheus Avenue	20,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
114		Between Orpheus Avenue and I-5 SB Ramps	15,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
115		Between I-5 SB Ramps and I-5 NB Ramps	28,600	30	50	96.00	3.00	1.00	80.00	10.00	10.00
116		Between Piraeus Street and Urania Avenue	43,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
117		Between Urania Avenue and Saxony Road	43,900	40	50	96.00	3.00	1.00	80.00	10.00	10.00
118		Between Saxony Road and Sidonia Street	42,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
119		Between Sidonia Street and Quail Gardens Drive	42,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
120		Between Quail Gardens Drive and Garden View Road	47,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00
121		Between Garden View Road and Town Center Place	31,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00
122		Between Town Center Place and El Camino Real	38,700	45	50	96.00	3.00	1.00	80.00	10.00	10.00
123	Mountain Vista Drive	Between El Camino Real and Wandering Road	15,100	45	50	96.00	3.00	1.00	80.00	10.00	10.00
124		Between Wandering Road and Village Park Way	9,300	45	50	96.00	3.00	1.00	80.00	10.00	10.00
125	Lone Jack Drive	Between Rancho Santa Fe Road and northern terminus	8,200	40	50	96.00	3.00	1.00	80.00	10.00	10.00
126	El Camino Del Norte	Between Rancho Santa Fe Road and San Dieguito CPA boundary	7,700	40	50	96.00	3.00	1.00	80.00	10.00	10.00
127		Between San Dieguito CPA boundary to Via De Fortuna	7,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00

128	Encinitas Blvd	Between Highway 101 and Vulcan Avenue	24,300	40	50	96.00	3.00	1.00	80.00	10.00	10.00
129		Between Vulcan Avenue and Days Inn traffic signal	35,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
130		Between Days Inn traffic signal and I-5 SB Ramps	35,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
131		Between I-5 SB Ramps and I-5 NB Ramps	40,500	40	50	96.00	3.00	1.00	80.00	10.00	10.00
132		Between I-5 NB Ramps and Saxony Road	43,100	40	50	96.00	3.00	1.00	80.00	10.00	10.00
133		Between Saxony Road and Calle Magdalena	36,800	40	50	96.00	3.00	1.00	80.00	10.00	10.00
134		Between Calle Magdalena and Encinitas Town Country traffic signal	41,600	40	50	96.00	3.00	1.00	80.00	10.00	10.00
135		Between Encinitas Town Country traffic signal and Quail Gardens Drive	38,000	40	50	96.00	3.00	1.00	80.00	10.00	10.00
136		Between Quails Garden Drive and Delphinium Street	39,600	45	50	96.00	3.00	1.00	80.00	10.00	10.00
137		Between Delphinium Street and Balour Drive	40,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00
138		Between Balour Drive and Via Cantebria	48,800	45	50	96.00	3.00	1.00	80.00	10.00	10.00
139		Between Via Cantebria and El Camino Real	30,500	45	50	96.00	3.00	1.00	80.00	10.00	10.00
140		Between El Camino Real and Village Square Drive	30,000	45	50	96.00	3.00	1.00	80.00	10.00	10.00
141		Between Village Square Drive and Turner Avenue	30,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00
142		Between Turner Avenue and Cerro Street	30,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00
143	Between Cerro Street and Village Park Way	31,200	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
144	Between Village Park Way to Willowspring Drive	29,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
145	Between Willowspring Drive to Rancho Santa Fe Road	24,400	45	50	96.00	3.00	1.00	80.00	10.00	10.00	
146	S Rancho Santa Fe Road	Between Manchester Avenue and 770 feet east of Manchester Avenue	19,900	45	50	96.00	3.00	1.00	80.00	10.00	10.00
147		Between 770 feet east of Manchester Avenue and San Dieguito CPA boundary	19,900	45	50	96.00	3.00	1.00	80.00	10.00	10.00
148	F Street/Requeza Street	Between Vulcan Avenue and Cornish Drive	6,400	25	50	96.00	3.00	1.00	80.00	10.00	10.00
149		Between Cornish Drive and San Dieguito Drive	6,700	25	50	96.00	3.00	1.00	80.00	10.00	10.00
150		Between San Dieguito Drive and Stratford Drive	6,700	25	50	96.00	3.00	1.00	80.00	10.00	10.00
151		Between Stratford Drive and Regal Road	7,000	25	50	96.00	3.00	1.00	80.00	10.00	10.00
152		Between Regal Road and West Lake Drive	6,400	25	50	96.00	3.00	1.00	80.00	10.00	10.00
153	Between West Lake Drive and Nardo Drive	4,900	25	50	96.00	3.00	1.00	80.00	10.00	10.00	
154	Santa Fe Drive	Between Vulcan Avenue and Cornish Drive	8,900	35	50	96.00	3.00	1.00	80.00	10.00	10.00
155		Between Cornish Drive and Summit Avenue	9,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
156		Between Summit Avenue and Devonshire	10,300	35	50	96.00	3.00	1.00	80.00	10.00	10.00
157		Between Devonshire Drive and Driveway	15,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
158		Between Driveway and I-5 SB Ramps	15,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
159		Between I-5 SB Ramps and I-5 NB Ramps	23,000	35	50	96.00	3.00	1.00	80.00	10.00	10.00
160		Between I-5 NB Ramps and Regal Road	16,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
161		Between Regal Road and Gardena Road	16,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
162		Between Gardena Road and Nardo Road	16,600	35	50	96.00	3.00	1.00	80.00	10.00	10.00
163		Between Nardo Road and Windsor Road/Bonita Drive	18,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
164		Between Windsor Road/Bonita Drive and Balour Drive	18,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
165		Between Balour Drive and Lake Drive	19,100	35	50	96.00	3.00	1.00	80.00	10.00	10.00
166		Between Lake Drive and Crest Drive	18,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
167		Between Crest Drive and El Camino Real	18,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
168	Birmingham Drive	Between San Elijo Avenue and Newcastle Avenue	15,800	30	50	96.00	3.00	1.00	80.00	10.00	10.00
169		Between Newcastle Avenue and Manchester Avenue	15,800	30	50	96.00	3.00	1.00	80.00	10.00	10.00
170		Between Manchester Avenue and Montgomery Avenue	15,800	30	50	96.00	3.00	1.00	80.00	10.00	10.00
171		Between Montgomery Avenue and Cambridge Avenue	15,800	30	50	96.00	3.00	1.00	80.00	10.00	10.00
172		Between Cambridge Avenue and MacKinnon Avenue	15,800	30	50	96.00	3.00	1.00	80.00	10.00	10.00
173		Between MacKinnon Avenue and Carol View Drive	14,700	30	50	96.00	3.00	1.00	80.00	10.00	10.00
174		Between Carol View Drive and I-5 SB Ramps	14,700	30	50	96.00	3.00	1.00	80.00	10.00	10.00
175		Between I-5 SB Ramps and I-5 NB Ramps	21,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
176		Between I-5 NB Ramps and Villa Cardiff Drive	13,400	40	50	96.00	3.00	1.00	80.00	10.00	10.00
177		Between Villa Cardiff Drive and Playa Rivera	11,700	35	50	96.00	3.00	1.00	80.00	10.00	10.00
178		Between Playa Rivera and Freda Lane	13,200	35	50	96.00	3.00	1.00	80.00	10.00	10.00
179		Between Freda Lane and Lake Drive	8,800	35	50	96.00	3.00	1.00	80.00	10.00	10.00

**FHWA RD-77-108
Traffic Noise Prediction Model**

Predicted Noise Levels

Project Name : Encinitas Housing Element Update
Project Number : 7722
Modeled Condition : Buildout - Modified Mixed-Use Places
Assessment Metric: Hard

Segment	Roadway	Segment	Noise Levels, dBA Hard				Distance to Traffic Noise Level Contours, Feet						
			Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB	
1	Carlsbad Blvd	Between Avenida Encinas and La Costa Avenue	71.6	64.2	63.7	73	31	97	308	975	3,083	9,749	
2		Between Poinsettia Lane and Avenida Encinas	71.6	64.2	63.6	73	31	97	308	975	3,083	9,749	
3	Highway 101	Between La Costa Avenue and 600 feet south of La Costa Avenue	68.2	62.0	62.1	70	15	49	155	489	1,545	4,886	
4		Between 600 feet south of La Costa Avenue and Leucadia Blvd	68.0	61.8	61.9	70	15	47	148	467	1,476	4,666	
5		Between Leucadia Blvd and Cadmus Street	68.1	61.9	62.0	70	15	48	151	477	1,510	4,775	
6		Between Cadmus Street and Marcheta Street	68.1	61.9	62.0	70	15	48	151	477	1,510	4,775	
7		Between Marcheta Street and 660 feet south of Marcheta Street	67.6	61.5	61.6	69	14	44	138	435	1,377	4,355	
8		Between 660 feet south of Marcheta Street and Encinitas Blvd	67.7	61.6	61.6	69	14	44	138	435	1,377	4,355	
9		Between Encinitas Blvd and D Street	64.0	59.5	61.9	67	8	25	79	251	792	2,506	
10		Between D Street and E Street	64.0	59.5	61.9	67	8	25	79	251	792	2,506	
11		Between E Street and F Street	64.0	59.5	61.9	67	8	25	79	251	792	2,506	
12		Between F Street and H Street	64.0	59.5	61.9	67	8	25	79	251	792	2,506	
13		Between H Street and J Street	64.4	59.9	62.2	67	8	27	85	269	849	2,685	
14		Between J Street and Swamis Ped Crossing	69.4	62.6	62.4	71	19	62	195	615	1,945	6,151	
15		Between Swami's Ped Crossing and San Elijo State Beach	69.5	62.7	62.4	71	20	63	199	629	1,991	6,295	
16		Between San Elijo State Beach and Chesterfield	69.5	62.7	62.5	71	20	63	199	629	1,991	6,295	
17		Between Chesterfield and Cardiff State Beach	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902	
18		Between Cardiff Beach State and Chart House	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902	
19		Between Chart House and Las Olas Mexican Restaurant	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902	
20		Between Las Olas Mexican Restaurant and City of Solana Beach limits	69.9	63.1	62.8	71	22	69	218	690	2,183	6,902	
21		Between City of Solana Beach limits and West Cliff Street	69.8	63.0	62.7	71	21	67	213	674	2,133	6,745	
22		Between West Cliff and Lomas Santa Fe	70.2	63.4	63.1	72	23	74	234	740	2,339	7,396	
23		Between Lomas Santa Fe Drive and Via De La Valle	70.0	63.2	62.9	71	22	69	218	690	2,183	6,902	
24		Vulcan Avenue	Between La Costa Avenue and Leucadia Boulevard	63.4	57.3	57.3	65	5	16	51	162	512	1,618
25			Between Leucadia Blvd and Encinitas Boulevard	63.6	57.5	57.5	65	5	17	54	169	536	1,694
26	Between Encinitas Boulevard and D Street		66.0	59.9	59.9	68	9	29	93	294	931	2,944	
27	Between D Street and E Street		66.1	60.0	60.1	68	10	31	97	308	975	3,083	
28	Between E Street and Santa Fe Drive		66.3	60.2	60.2	68	10	32	100	315	998	3,155	

29	San Elijo Avenue	Between Santa Fe Drive and Birmingham Drive	63.2	57.8	58.2	65	5	17	54	169	536	1,694
30		Between Birmingham Drive and Chesterfield Drive	64.1	58.8	59.2	66	7	21	66	208	659	2,084
31		Between Chesterfield Drive and Manchester Avenue	58.7	55.3	58.1	62	3	9	27	87	275	869
32	Saxony Road	Between La Costa Avenue and Quail Hollow Drive	62.9	56.1	55.8	64	4	13	43	135	426	1,346
33		Between Quail Hollow Drive and Normandy Road	58.4	53.1	53.5	61	2	6	18	56	177	561
34		Between Normandy Road and Brittany Avenue	58.9	53.5	54.0	61	2	6	20	63	199	629
35		Between Brittany Avenue and Leucadia Boulevard	58.4	53.1	53.5	61	2	6	18	56	177	561
36		Between Leucadia Boulevard and Silver Berry Place	65.5	59.4	59.5	67	8	27	85	269	849	2,685
37		Between Silver Berry Place and Encinitas Boulevard	66.2	60.1	60.2	68	10	32	100	315	998	3,155
38	Quail Hollow Drive	Between Swallow Tail Road and Saxony Road	60.1	54.7	55.2	62	3	8	26	83	262	830
39	Quail Gardens Drive	Between Swallow Tail Road and Lauren Court	61.7	55.5	55.6	63	3	11	35	109	346	1,094
40		Between Lauren Court and Leucadia Boulevard	62.0	55.9	55.9	64	4	12	37	117	371	1,172
41		Between Leucadia Boulevard and Paseo De Las Flores	64.4	58.3	58.3	66	6	20	64	204	644	2,037
42		Between Paseo De Las Flores and Paseo De Las Verdes	64.4	58.3	58.3	66	6	20	64	204	644	2,037
43		Between Paseo De Las Verdes and Encinitas Boulevard	64.0	57.9	57.9	66	6	19	59	186	587	1,858
44	Westlake Street	Between Encinitas Boulevard and Requeza Street	61.9	57.4	59.8	65	5	15	48	151	477	1,510
45	Nardo Drive	Between Requeza Street and Melba Road	56.1	52.6	55.5	60	1	5	15	47	148	467
46		Between Melba Road and Santa Fe Drive	56.1	52.6	55.5	60	1	5	15	47	148	467
47	MacKinnon Avenue	Between Santa Fe Drive and Villa Cardiff Drive	61.1	55.7	56.2	63	3	10	33	104	330	1,045
48	Villa Cardiff Drive	Between MacKinnon Avenue and Windsor Road	61.3	55.9	56.4	63	3	11	35	109	346	1,094
49		Between Windsor Road and Birmingham Drive	60.7	55.4	55.8	63	3	10	30	95	301	953
50	Garden View Road	Between Leucadia Boulevard and Via Cantebria	65.4	59.2	59.3	67	8	26	81	256	811	2,564
51		Between Via Cantebria and El Camino Real	65.8	59.7	59.8	68	9	29	91	288	910	2,877
52	Town Center Place	Between Leucadia Boulevard and Town Center Place	62.0	58.6	61.4	66	6	19	59	186	587	1,858
53		Between Town Center Place and Town Center Drive	61.2	57.8	60.7	65	5	15	49	155	489	1,545
54	Via Cantebria	Between Town Center Drive and Garden View Road	60.8	57.4	60.3	65	4	14	45	141	446	1,409
55		Between Garden View Road and Forrest Bluff	66.6	60.4	60.5	68	11	34	107	338	1,069	3,380
56		Between Forrest Bluff and Via Montoro	66.6	60.5	60.6	68	11	35	109	346	1,094	3,459
57		Between Via Montoro and Via Molena	67.1	61.0	61.1	69	12	39	123	388	1,227	3,881
58		Between Via Molena and Encinitas Boulevard	67.4	61.2	61.3	69	13	41	129	406	1,285	4,064
59	Balour Drive	Between Encinitas Boulevard and Melba Road	63.6	58.3	58.7	66	6	19	59	186	587	1,858
60		Between Melba Road and Santa Fe Drive	59.3	55.9	58.8	63	3	10	32	100	315	998
61	Lake Drive	Between Santa Fe Drive and Woodlake Drive	61.3	55.9	56.4	63	3	11	35	109	346	1,094
62		Between Woodlake Drive and Birmingham Drive	61.3	55.9	56.4	63	3	11	35	109	346	1,094
63	El Camino Real	Between Aviara Parkway and La Costa Avenue	76.1	68.2	67.3	77	83	262	830	2,624	8,298	26,240
64		Between La Costa Avenue and Calle Barcelona	74.6	66.7	65.8	76	59	186	587	1,858	5,874	18,577
65		Between Calle Barcelona and City of Carlsbad boundary	74.4	66.4	65.6	76	56	177	561	1,774	5,610	17,741
66		Between City of Carlsbad boundary and Leucadia Boulevard	75.4	67.5	66.6	77	71	223	706	2,233	7,063	22,334
67		Between Leucadia Boulevard and Town Center Drive	74.0	67.2	66.9	75	55	173	548	1,734	5,482	17,337
68		Between Town Center Drive and Garden View Road	73.6	66.8	66.5	75	51	162	512	1,618	5,116	16,180
69		Between Garden View Road and 331-339 El Camino Real	69.4	64.1	64.5	72	22	71	223	706	2,233	7,063
70		Between 331-339 El Camino Real and Via Montoro	70.0	64.7	65.1	72	26	81	256	811	2,564	8,109
71		Between Via Montoro and Mountain Vista	69.6	64.3	64.7	72	23	74	234	740	2,339	7,396
72		Between Mountain Vista and Via Molena	69.9	64.5	64.9	72	24	77	245	774	2,449	7,744
73		Between Via Molena and Encinitas Boulevard	70.8	65.4	65.9	73	31	97	308	975	3,083	9,749
74		Between Encinitas Boulevard and 213 S El Camino Real	70.8	64.7	64.7	73	28	89	281	889	2,812	8,891
75		Between 213 S El Camino Real and Crest Drive	70.1	63.9	64.0	72	24	76	239	757	2,393	7,568
76		Between Crest Drive and Willowspring Drive	70.4	64.3	64.3	72	26	81	256	811	2,564	8,109
77		Between Willowspring Drive and Santa Fe Drive	70.5	64.4	64.5	72	27	85	269	849	2,685	8,491
78		Between Santa Fe Drive and Sage Canyon Drive	73.5	65.5	64.7	75	46	144	456	1,442	4,560	14,420
79			Between Sage Canyon Drive and Manchester Avenue	73.4	65.4	64.6	75	45	141	446	1,409	4,456
80	Village Park Way	Between Mountain Vista Drive and Parkdale Drive	65.3	59.2	59.3	67	8	26	81	256	811	2,564
81		Between Parkdale Drive and Encinitas Boulevard	66.4	60.3	60.4	68	10	33	104	330	1,045	3,303

82	Rancho Santa Fe Road	Between Olivenhain Road and Calle Acervo	68.6	61.8	61.6	70	16	51	162	512	1,618	5,116
83		Between Calle Acervo/Avenida La Posta and Olive Crest Drive	66.9	60.8	60.9	69	12	37	117	371	1,172	3,707
84		Between Olive Crest Drive and 13th Street	66.9	60.8	60.8	69	11	36	115	362	1,145	3,622
85		Between 13th Street and 11th Street	66.9	60.8	60.8	69	11	36	115	362	1,145	3,622
86		Between 11th Street and El Camino Del Norte	66.9	60.8	60.8	69	12	37	117	371	1,172	3,707
87		Between El Camino Del Norte and 9th Street	66.1	60.0	60.1	68	10	31	97	308	975	3,083
88		Between 9th Street and 8th Street	66.2	60.0	60.1	68	10	31	97	308	975	3,083
89		Between 8th Street and 7th Street	66.3	60.2	60.2	68	10	32	102	323	1,021	3,228
90		Between 7th Street and Encinitas Boulevard	67.5	61.4	61.4	69	13	42	132	416	1,315	4,159
91	Manchester Avenue	Between Manchester Avenue and Mira Costa College	73.3	65.8	65.3	75	45	141	446	1,409	4,456	14,092
92		Between Mira Costa College and I-5 NB On-Ramp	73.3	65.9	65.3	75	46	144	456	1,442	4,560	14,420
93		Between I-5 NB Ramps and I-5 SB Ramps	70.9	64.7	64.8	73	29	91	288	910	2,877	9,099
94		Between I-5 SB Ramps and Ocean Cove Drive	65.6	59.5	59.6	67	9	27	87	275	869	2,748
95		Between Ocean Cove Drive and Seaside Cardiff-by-the-sea residential area driveway	65.6	59.5	59.5	67	8	27	85	269	849	2,685
96		Between Seaside Cardiff-by-the-sea residential area driveway and San Elijo Water Reclamation Facility Driveway	65.6	59.5	59.5	67	8	27	85	269	849	2,685
97		Between San Elijo Water Reclamation Facility Driveway and Manchester Avenue	65.6	59.4	59.5	67	8	27	85	269	849	2,685
98	Manchester Avenue	Between Encinitas Boulevard and El Camino Real	66.2	60.1	60.2	68	10	32	100	315	998	3,155
99	La Costa Avenue	Between Highway 101 and Vulcan Avenue	67.2	61.1	61.2	69	13	40	126	397	1,256	3,972
100		Between Vulcan Avenue and Sheridan Road	67.1	61.0	61.1	69	12	39	123	388	1,227	3,881
101		Between Sheridan Road and I-5 SB Ramps	68.4	62.2	62.3	70	16	51	162	512	1,618	5,116
102		Between I-5 SB Ramps and I-5 NB Ramps	69.5	63.4	63.5	71	21	67	213	674	2,133	6,745
103		Between I-5 NB Ramps and Piraeus Street	74.7	66.8	66.0	76	62	195	615	1,945	6,151	19,452
104		Between Piraeus Street and Saxony Road	74.8	66.8	66.0	76	62	195	615	1,945	6,151	19,452
105		Between Saxony Road and El Camino Real	75.0	67.0	66.2	76	64	204	644	2,037	6,441	20,369
106		Between El Camino Real and La Costa Towne Center traffic signal	68.0	61.9	61.9	70	15	47	148	467	1,476	4,666
107		Between La Costa Towne Center traffic signal and Fairway Lane	68.0	61.9	62.0	70	15	48	151	477	1,510	4,775
108		Between Fairway Lane and Calle Madero	67.9	61.8	61.9	70	15	47	148	467	1,476	4,666
109	Leucadia Blvd	Between Highway 101 and Vulcan Avenue	65.2	59.8	60.2	67	8	26	83	262	830	2,624
110		Between Vulcan Avenue and Hermes Avenue	65.6	60.2	60.6	68	9	29	93	294	931	2,944
111		Between Hermes Avenue and Hygeia Avenue	65.4	60.0	60.5	68	9	28	89	281	889	2,812
112		Between Hygeia Avenue and Hymettus Avenue	64.9	59.5	59.9	67	8	24	77	245	774	2,449
113		Between Hymettus Avenue and Orpheus Avenue	66.2	60.8	61.2	68	10	33	104	330	1,045	3,303
114		Between Orpheus Avenue and I-5 SB Ramps	66.6	60.5	60.5	68	11	34	107	338	1,069	3,380
115		Between I-5 SB Ramps and I-5 NB Ramps	65.7	61.3	63.6	69	12	37	117	371	1,172	3,707
116		Between Piraeus Street and Urania Avenue	71.2	65.1	65.1	73	31	97	308	975	3,083	9,749
117		Between Urania Avenue and Saxony Road	71.2	65.1	65.1	73	31	97	308	975	3,083	9,749
118		Between Saxony Road and Sidonia Street	71.0	64.9	64.9	73	29	93	294	931	2,944	9,310
119		Between Sidonia Street and Quail Gardens Drive	71.0	64.9	64.9	73	29	93	294	931	2,944	9,310
120		Between Quail Gardens Drive and Garden View Road	73.0	66.2	65.9	74	44	138	435	1,377	4,355	13,771
121		Between Garden View Road and Town Center Place	71.3	64.5	64.2	73	29	93	294	931	2,944	9,310
122		Between Town Center Place and El Camino Real	72.1	65.3	65.0	74	36	115	362	1,145	3,622	11,454
123	Mountain Vista Drive	Between El Camino Real and Wandering Road	68.0	61.2	61.0	70	14	45	141	446	1,409	4,456
124		Between Wandering Road and Village Park Way	65.9	59.1	58.9	67	9	27	87	275	869	2,748
125	Lone Jack Drive	Between Rancho Santa Fe Road and northern terminus	63.9	57.8	57.8	66	6	18	57	182	574	1,815
126	El Camino Del Norte	Between Rancho Santa Fe Road and San Dieguito CPA boundary	63.6	57.5	57.6	65	5	17	55	173	548	1,734
127		Between San Dieguito CPA boundary to Via De Fortuna	63.5	57.3	57.4	65	5	17	52	166	524	1,656

128	Encinitas Blvd	Between Highway 101 and Vulcan Avenue	68.6	62.5	62.6	70	17	55	173	548	1,734	5,482
129		Between Vulcan Avenue and Days Inn traffic signal	70.3	64.2	64.2	72	25	79	251	792	2,506	7,924
130		Between Days Inn traffic signal and I-5 SB Ramps	70.3	64.2	64.2	72	25	79	251	792	2,506	7,924
131		Between I-5 SB Ramps and I-5 NB Ramps	70.8	64.7	64.8	73	29	91	288	910	2,877	9,099
132		Between I-5 NB Ramps and Saxony Road	71.1	65.0	65.0	73	30	95	301	953	3,013	9,527
133		Between Saxony Road and Calle Magdalena	70.4	64.3	64.4	72	26	83	262	830	2,624	8,298
134		Between Calle Magdalena and Encinitas Town Country traffic signal	71.0	64.8	64.9	73	29	93	294	931	2,944	9,310
135		Between Encinitas Town Country traffic signal and Quail Gardens Drive	70.6	64.4	64.5	72	27	85	269	849	2,685	8,491
136		Between Quails Garden Drive and Delphinium Street	72.2	65.4	65.1	74	37	117	371	1,172	3,707	11,721
137		Between Delphinium Street and Balour Drive	72.3	65.5	65.2	74	37	117	371	1,172	3,707	11,721
138		Between Balour Drive and Via Cantebria	73.1	66.3	66.1	75	46	144	456	1,442	4,560	14,420
139		Between Via Cantebria and El Camino Real	71.1	64.3	64.0	73	29	91	288	910	2,877	9,099
140		Between El Camino Real and Village Square Drive	71.0	64.2	63.9	73	28	89	281	889	2,812	8,891
141		Between Village Square Drive and Turner Avenue	71.1	64.3	64.0	73	28	89	281	889	2,812	8,891
142		Between Turner Avenue and Cerro Street	71.1	64.3	64.0	73	28	89	281	889	2,812	8,891
143	Between Cerro Street and Village Park Way	71.2	64.4	64.1	73	29	93	294	931	2,944	9,310	
144	Between Village Park Way to Willowspring Drive	70.9	64.1	63.8	72	27	87	275	869	2,748	8,689	
145	Between Willowspring Drive to Rancho Santa Fe Road	70.1	63.3	63.0	72	23	72	229	723	2,285	7,227	
146	S Rancho Santa Fe Road	Between Manchester Avenue and 770 feet east of Manchester Avenue	69.2	62.4	62.2	71	19	59	186	587	1,858	5,874
147		Between 770 feet east of Manchester Avenue and San Dieguito CPA boundary	69.2	62.4	62.2	71	19	59	186	587	1,858	5,874
148	F Street/Requeza Street	Between Vulcan Avenue and Cornish Drive	57.0	53.5	56.4	61	2	6	18	57	182	574
149		Between Cornish Drive and San Dieguito Drive	57.2	53.7	56.6	61	2	6	19	60	190	601
150		Between San Dieguito Drive and Stratford Drive	57.2	53.7	56.6	61	2	6	19	60	190	601
151		Between Stratford Drive and Regal Road	57.3	53.9	56.8	61	2	6	20	63	199	629
152		Between Regal Road and West Lake Drive	57.0	53.5	56.4	61	2	6	18	57	182	574
153		Between West Lake Drive and Nardo Drive	55.8	52.4	55.2	60	1	4	14	45	141	446
154	Santa Fe Drive	Between Vulcan Avenue and Cornish Drive	62.6	57.2	57.7	65	5	15	47	148	467	1,476
155		Between Cornish Drive and Summit Avenue	63.0	57.6	58.0	65	5	16	50	158	500	1,581
156		Between Summit Avenue and Devonshire	63.2	57.9	58.3	65	5	17	54	169	536	1,694
157		Between Devonshire Drive and Driveway	65.1	59.7	60.1	67	8	26	81	256	811	2,564
158		Between Driveway and I-5 SB Ramps	65.1	59.7	60.1	67	8	26	81	256	811	2,564
159		Between I-5 SB Ramps and I-5 NB Ramps	66.7	61.4	61.8	69	12	38	120	379	1,199	3,793
160		Between I-5 NB Ramps and Regal Road	65.3	59.9	60.4	67	9	27	87	275	869	2,748
161		Between Regal Road and Gardena Road	65.3	59.9	60.4	67	9	27	87	275	869	2,748
162		Between Gardena Road and Nardo Road	65.3	59.9	60.4	67	9	27	87	275	869	2,748
163		Between Nardo Road and Windsor Road/Bonita Drive	65.7	60.3	60.8	68	10	30	95	301	953	3,013
164		Between Windsor Road/Bonita Drive and Balour Drive	65.7	60.3	60.8	68	10	30	95	301	953	3,013
165		Between Balour Drive and Lake Drive	65.9	60.5	61.0	68	10	32	100	315	998	3,155
166		Between Lake Drive and Crest Drive	65.7	60.3	60.8	68	10	30	95	301	953	3,013
167		Between Crest Drive and El Camino Real	65.7	60.3	60.8	68	10	30	95	301	953	3,013
168	Birmingham Drive	Between San Elijo Avenue and Newcastle Avenue	63.2	58.7	61.0	66	6	20	64	204	644	2,037
169		Between Newcastle Avenue and Manchester Avenue	63.2	58.7	61.0	66	6	20	64	204	644	2,037
170		Between Manchester Avenue and Montgomery Avenue	63.2	58.7	61.0	66	6	20	64	204	644	2,037
171		Between Montgomery Avenue and Cambridge Avenue	63.2	58.7	61.0	66	6	20	64	204	644	2,037
172		Between Cambridge Avenue and MacKinnon Avenue	63.2	58.7	61.0	66	6	20	64	204	644	2,037
173		Between MacKinnon Avenue and Carol View Drive	62.8	58.4	60.7	66	6	19	60	190	601	1,901
174		Between Carol View Drive and I-5 SB Ramps	62.8	58.4	60.7	66	6	19	60	190	601	1,901
175		Between I-5 SB Ramps and I-5 NB Ramps	68.1	61.9	62.0	70	15	48	151	477	1,510	4,775
176		Between I-5 NB Ramps and Villa Cardiff Drive	66.0	59.9	60.0	68	10	30	95	301	953	3,013
177		Between Villa Cardiff Drive and Playa Rivera	63.8	58.4	58.8	66	6	19	62	195	615	1,945
178		Between Playa Rivera and Freda Lane	64.3	58.9	59.4	66	7	22	69	218	690	2,183
179		Between Freda Lane and Lake Drive	62.5	57.2	57.6	65	5	14	46	144	456	1,442

FHWA RD-77-108
Traffic Noise Prediction Model
Data Input Sheet

Project Name : Encinitas HEU
Project Number : 7722
Modeled Condition : Freeway Buildout - Modified Mixed-Use Places

Surface Refelction: Ldn
Assessment Metric: Soft
Peak ratio to ADT: 10.00
Traffic Desc. (Peak or ADT) : ADT

Segment	Roadway	Segment From	To	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	K-Factor
1	I-5	Between Palomar Airport Road and Poinsettia Lane		242,240	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
2		Between Poinsettia Lane and La Costa Avenue		249,347	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
3		Between La Costa Avenue and Leucadia Boulevard		246,847	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
4		Between Leucadia Boulevard and Encinitas Boulevard		165,789	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
5		Between Encinitas Boulevard and Santa Fe Drive		248,717	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
6		Between Santa Fe Drive and Birmingham Drive		252,293	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
7		Between Birmingham Drive and Manchester Avenue		261,150	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
8		Between Manchester Avenue and Lomas Santa Fe Drive		326,532	65	50	94.00	4.00	2.00	80.00	10.00	10.00	
9		Between Lomas Santa Fe Drive and Via De La Valle		318,187	65	50	94.00	4.00	2.00	80.00	10.00	10.00	

FHWA RD-77-108
Traffic Noise Prediction Model
Predicted Noise Levels

Project Name : Encinitas HEU
Project Number : 7722
Modeled Condition : Freeway Buildout - Modified Mixed-Use Places
Assessment Metric: Soft

Segment	Roadway	Segment From	To	Noise Levels, dBA Soft				Distance to Traffic Noise Level Contours, Feet					
				Auto	MT	HT	Total	75 dB	70 dB	65 dB	60 dB	55 dB	50 dB
1	I-5	Between Palomar Airport Road and Poinsettia Lane		84.6	77.0	77.5	86	271	583	1,256	2,706	5,830	12,559
2		Between Poinsettia Lane and La Costa Avenue		84.7	77.1	77.6	86	275	592	1,275	2,748	5,920	12,754
3		Between La Costa Avenue and Leucadia Boulevard		84.7	77.1	77.6	86	271	583	1,256	2,706	5,830	12,559
4		Between Leucadia Boulevard and Encinitas Boulevard		82.9	75.4	75.8	84	208	449	967	2,084	4,491	9,675
5		Between Encinitas Boulevard and Santa Fe Drive		84.7	77.1	77.6	86	275	592	1,275	2,748	5,920	12,754
6		Between Santa Fe Drive and Birmingham Drive		84.8	77.2	77.7	86	275	592	1,275	2,748	5,920	12,754
7		Between Birmingham Drive and Manchester Avenue		84.9	77.4	77.8	86	283	610	1,315	2,833	6,104	13,151
8		Between Manchester Avenue and Lomas Santa Fe Drive		85.9	78.3	78.8	87	330	712	1,533	3,303	7,117	15,333
9		Between Lomas Santa Fe Drive and Via De La Valle		85.8	78.2	78.7	87	320	690	1,487	3,204	6,902	14,870