



## APPENDIX F

# NOISE MODELING RESULTS



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Project Number: CCP1903  
 Project Name: Cypress 9-acre Park  
 Test Personnel: Corey Knips

### Noise Measurement Survey

Site Number: ST-1 Date: 7/11/2019 Time: From 10:25 a.m. To 10:45 a.m.

Site Location: At southwest entrance to site, 15 feet east of Lexington Drive, between Corporate Center Drive and Cerritos Avenue

Primary Noise Sources: Traffic on Lexington Drive

#### Measurement Results

	dB(A)
L <sub>eq</sub>	63.2
L <sub>max</sub>	78.5
L <sub>min</sub>	44.7
L <sub>peak</sub>	92.3
L <sub>2</sub>	73.0
L <sub>8</sub>	69.5
L <sub>25</sub>	58.7
L <sub>50</sub>	52.5
L <sub>90</sub>	48.1
L <sub>99</sub>	46.6
SEL	93.6

Comments: filtered out aircraft and loud equipment on site and idling truck  
Had to start over when first attempt was almost done, loud aircraft impacted  
measurement and wasn't filtered out all the way

#46

Equipment: Larson Davis 824 SLM

#### Atmospheric Conditions:

Maximum Wind Velocity (mph)	Average Wind Velocity (mph)	Temperature (F)	Relative Humidity (%)	Comments
5.1	1.5	80.0	60.5	

Project Number: CCP1903  
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### Noise Measurement Survey

Site Number: ST-2 Date: 7/11/2019 Time: From 11:01 a.m. To 11:21 a.m.

Site Location: On mound south of Cerritos Avenue, approximately 130 feet south of the edge of Cerritos Avenue, between Lexington Drive and Barbara Anne Street

Primary Noise Sources: Traffic on Cerritos Avenue

#### Measurement Results

	dBA
L <sub>eq</sub>	56.7
L <sub>max</sub>	73.5
L <sub>min</sub>	45.5
L <sub>peak</sub>	89.8
L <sub>2</sub>	61.7
L <sub>8</sub>	59.6
L <sub>25</sub>	57.2
L <sub>50</sub>	55.2
L <sub>90</sub>	50.6
L <sub>99</sub>	47.0
SEL	87.5

Comments: Filtered out aircraft - loud helicopters fly directly overhead (~80 dBA) plus a lot of planes

Mound is approximately 10 feet tall. There is a ~4 foot berm approximately 30 feet south of Cerritos Avenue.

#47

Equipment: Larson Davis 824 SLM

#### Atmospheric Conditions:

Maximum Wind Velocity (mph)	Average Wind Velocity (mph)	Temperature (F)	Relative Humidity (%)	Comments
6.7	2.6	80.0	62.0	

Project Number: CCP1903  
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### Noise Measurement Survey

Site Number: ST-3 Date: 7/11/2019 Time: From 11:49 a.m. To 12:09 p.m.

Site Location: On berm approximately 25 feet south of Cerritos Avenue in the northwest corner of the site, between Lexington Drive and Barbara Anne Street.

Primary Noise Sources: Traffic on Cerritos Avenue and Lexington Drive

#### Measurement Results

	dBA
L <sub>eq</sub>	68.0
L <sub>max</sub>	85.4
L <sub>min</sub>	48.8
L <sub>peak</sub>	98.3
L <sub>2</sub>	75.8
L <sub>8</sub>	72.0
L <sub>25</sub>	68.5
L <sub>50</sub>	63.2
L <sub>90</sub>	55.4
L <sub>99</sub>	50.9
SEL	99.0

Comments: Berm is approximately 4 foot tall here  
A few very loud vehicles on Cerritos - some accelerating EB from signal, others just louder trucks driving through the signal. can only hear Lexington Drive when no vehicles passing on Cerritos. Strong gusts of wind near the end of the measurement.  
#48

Equipment: Larson Davis 824 SLM

#### Atmospheric Conditions:

Maximum Wind Velocity (mph)	Average Wind Velocity (mph)	Temperature (F)	Relative Humidity (%)	Comments
11.5	5.1	78.5	59.6	wind from the S

Project Number: CCP1903  
 Project Name: Cypress 9-Acre Park  
 Test Personnel: Corey Knips

### Noise Measurement Survey

Site Number: ST-4 Date: 7/11/2019 Time: From 12:27 p.m. To 12:47 p.m.

Site Location: On sidewalk along north side of Cerritos Ave, near 10499 Jeanine Lane.  
Five feet from wall, and 20 feet from edge of outer lane

Primary Noise Sources: Traffic on Cerritos Avenue

#### Measurement Results

	dBA
L <sub>eq</sub>	69.5
L <sub>max</sub>	87.1
L <sub>min</sub>	46.9
L <sub>peak</sub>	99.5
L <sub>2</sub>	76.9
L <sub>8</sub>	73.8
L <sub>25</sub>	70.3
L <sub>50</sub>	66.5
L <sub>90</sub>	54.6
L <sub>99</sub>	49.3
SEL	100.7

Comments: 6 foot block wall, 24 feet to the east begins 6.5 foot wall

#49

Equipment: Larson Davis 824 SLM

#### Atmospheric Conditions:

Maximum Wind Velocity (mph)	Average Wind Velocity (mph)	Temperature (F)	Relative Humidity (%)	Comments
5.7	2.1	79.0	61.3	





40 mph ←

W Cerritos Ave

ST-4

6.5'

6' block wall

6.5' block wall

45 mph →

ST-3

ST-2

6' wood

ST-1

9 blocks (8')

wood

6'

(w/veg)

Corporate Center Dr

Google Earth

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