

APPENDIX G

NOISE MEASUREMENTS

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Noise Measurement Survey – 24 HR

Project Number: CLB1704

Test Personnel: Daniel Kaufman

Project Name: CSULB Technology Park

Equipment: Quest DLX Noisepro Dosimeter

Site Number: LT-1 Date: 6-7-2017

Time: From 1:00 PM To 1:00 PM

Site Location: Near 2131 Technology Park. In the northeast of the parking lot near the Southeast of the residential site.

Primary Noise Sources: Traffic on Pacific Coast Highway and Terminal Island Freeway.

Comments: Construction at residential site. Ambient industrial noise

Sketch:



Location Photo:



Noise Measurement Survey

Project Number: CLB1704

Test Personnel: Daniel Kaufman

Project Name: CSULB Technology Park II

Equipment: Larson Davis 824

Site Number: ST-1 Date: 6-7-2017

Time: From 1:46 PM To 2:04 PM

Site Location: Northwest corner of project site. Adjacent to Long Beach Job Corps and industrial use.

Primary Noise Sources: Traffic on Pacific Coast Highway.

Comments: 1:47-1:52 Truck maneuvering at industrial site with backup beep. Filtered aircraft. Some bird noise, some faint machine noise from Job Corps. Train horn 54.0 dBA. Loud motorcycle on PCH 63.0 dBA at 2:00 PM.

Adjacent Roadways: Pacific Coast Highway, Santa Fe Avenue, and Technology Place.

File:	56
L_{eq}	57.2
L_{max}	78.4
L_{min}	50.3
L_2	65.7
L_8	60.1
L_{25}	55.3
L_{50}	53.8
L_{90}	52.2
L_{99}	21.3

Atmospheric Conditions	
Average Wind Velocity (mph)	4.7
Maximum Wind Velocity (mph)	10.4
Temperature (F)	72.7
Relative Humidity (%)	64.8

Location Photo:



Noise Measurement Survey

Project Number: CLB1704

Test Personnel: Daniel Kaufman

Project Name: CSULB Technology Park II

Equipment: Larson Davis 824

Site Number: ST-2 Date: 6-7-2017

Time: From 2:21 PM To 2:40 PM

Site Location: Northeast corner of Project Site. Adjacent to Long Beach Jobs Corps.

Primary Noise Sources: Traffic on Pacific Coast Highway.

Comments: Filtered aircraft, emergency vehicle, and golf cart pass-by.
Train horn at 57.8 dBA.

Adjacent Roadways: Pacific Coast Highway, Santa Fe Avenue, Technology Place.

File:	57
L_{eq}	55.0
L_{max}	71.0
L_{min}	51.6
L_2	58.2
L_8	56.5
L_{25}	55.4
L_{50}	54.5
L_{90}	53.1
L_{99}	52.4

Atmospheric Conditions	
Average Wind Velocity (mph)	1.7
Maximum Wind Velocity (mph)	4.2
Temperature (F)	74.7
Relative Humidity (%)	60.4

Location Photo:



Noise Measurement Survey

Project Number: CLB1704

Test Personnel: Daniel Kaufman

Project Name: CSULB Technology Park II

Equipment: Larson Davis 824

Site Number: ST-3 Date: 6-7-2017

Time: From 1:18 PM To 1:33 PM

Site Location: Across from the Sea Bright Inn Motel on Pacific Coast Highway, at the southern edge of the site.

Primary Noise Sources: Traffic on Pacific Coast Highway.

Comments: Truck idling nearby.

Adjacent Roadways: Pacific Coast Highway.

File:	55
L_{eq}	70.5
L_{max}	83.0
L_{min}	61.0
L_2	77.1
L_8	74.5
L_{25}	71.2
L_{50}	68.3
L_{90}	64.2
L_{99}	61.8

Atmospheric Conditions	
Average Wind Velocity (mph)	2.3
Maximum Wind Velocity (mph)	5.5
Temperature (F)	73.6
Relative Humidity (%)	68.7

Location Photo:



Peak Operations

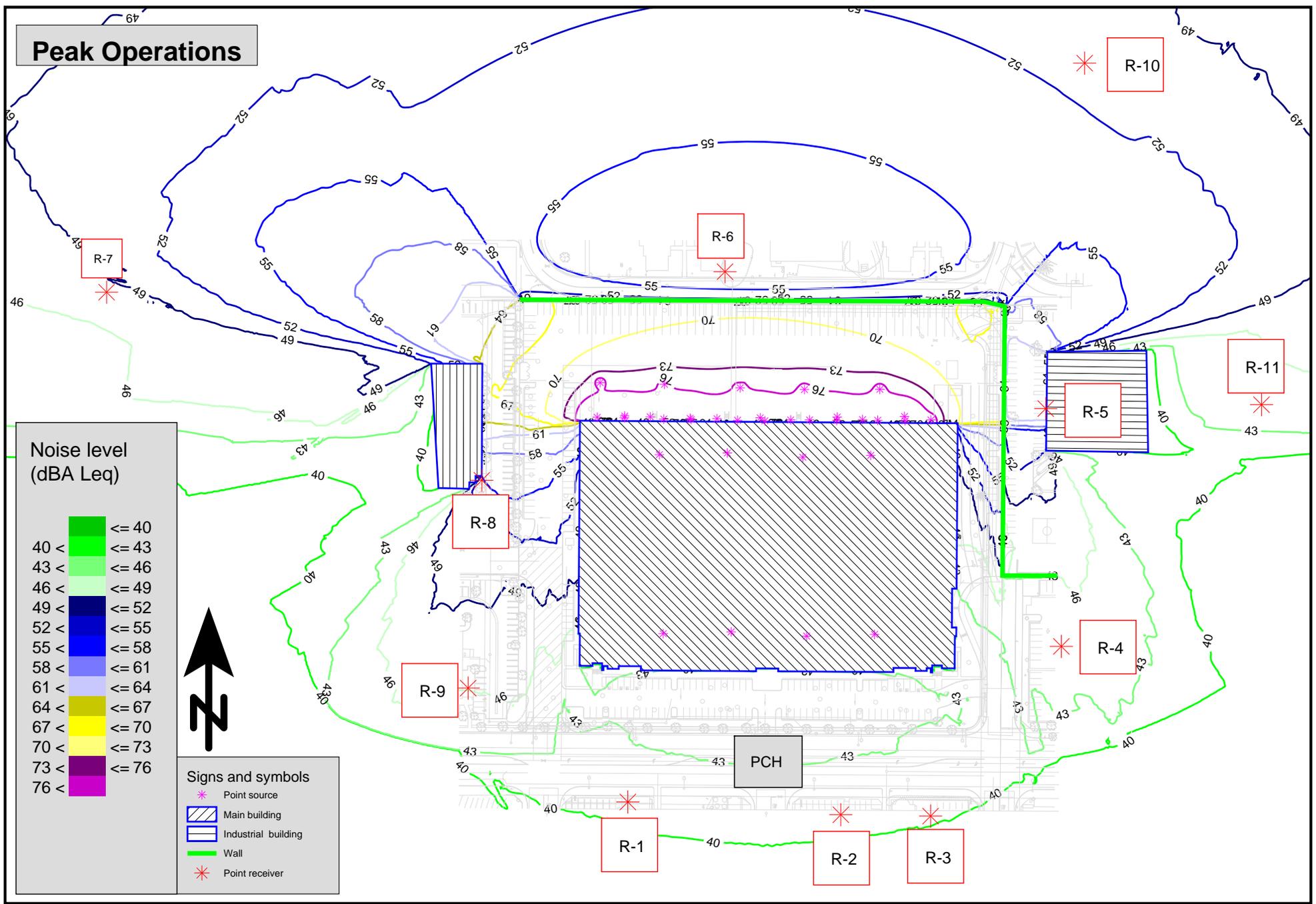
Noise level (dBA Leq)

≤ 40	≤ 40
40 <	≤ 43
43 <	≤ 46
46 <	≤ 49
49 <	≤ 52
52 <	≤ 55
55 <	≤ 58
58 <	≤ 61
61 <	≤ 64
64 <	≤ 67
67 <	≤ 70
70 <	≤ 73
73 <	≤ 76
76 <	



Signs and symbols

- Point source
- Main building
- Industrial building
- Wall
- Point receiver



Nighttime Operations

Noise level
(dBA Leq)

<= 40
40 < <= 43
43 < <= 46
46 < <= 49
49 < <= 52
52 < <= 55
55 < <= 58
58 < <= 61
61 < <= 64
64 < <= 67
67 < <= 70
70 < <= 73
73 < <= 76
76 <



Signs and symbols

- Point source
- Main building
- Industrial building
- Wall
- Point receiver

