

**Appendix F      Noise Data**



File Translated: P:\Projects - All Users\100000000+\100018607 San Pedro NCP EIR\Data\Noise Data\Measurements\Location 1  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: PBS&J/EIP  
 Descr1: 12301 Wilshire Blvd., Ste. 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: N of W 25th St  
 Note1: Primary: Traffic on S Western Ave/W 25th St  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 26-Jan-2011 13:09:25  
 Elapsed Time: 00:15:00.0  
 Leq: 68.2 dBA  
 SEL: 97.7 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.65 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 26-Jan-2011 13:09:25  
 Elapsed Time: 00:15:00.0  
 Leq: 68.2 dBA  
 SEL: 97.7 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.65 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 57.4 dBA 26-Jan-2011 13:14:25  
 Max: 84.5 dBA 26-Jan-2011 13:16:33  
 Peak-1: 105.2 dBF 26-Jan-2011 13:09:43  
 Peak-2: 99.6 dBA 26-Jan-2011 13:18:08

Min: 57.4 dBA 26-Jan-2011 13:14:25  
 Max: 84.5 dBA 26-Jan-2011 13:16:33  
 Peak-1: 105.2 dBF 26-Jan-2011 13:09:43  
 Peak-2: 99.6 dBA 26-Jan-2011 13:18:08

L 1.67 76.6 dBA L 50.00 64.5 dBA  
 L 8.33 71.6 dBA L 66.67 63.3 dBA  
 L 33.33 66.0 dBA L 90.00 61.0 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times  
 SPL Exceedance level 2: 120 Exceeded: 0 times  
 Peak-1 Exceedance Level: 140 Exceeded: 0 times  
 Peak-2 Exceedance Level: 140 Exceeded: 0 times  
 Hysteresis: 2  
 Overloaded: 0 time(s)  
 Paused: 0 times for 00:00:00.0

Calibrated: 22-Jun-2010 09:15:35  
 Checked: 27-Jan-2011 11:13:55  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.7 dB  
 Level: 114.30 dB  
 Level: 114.0 dB

Interval Records: Enabled  
 History Records: Disabled

Number Interval Records: 1  
 Number History Records: 18

814 Memory: 524288 bytes  
 Free Memory: 389887 bytes 74.37% free

Battery Level: 97% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018607 San Pedro NCP EIR\Data\Noise Data\Measurements\Location 2  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: PBS&J/EIP  
 Descr1: 12301 Wilshire Blvd., Ste. 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: 780 W 30th St  
 Note1: Primary: Traffic on W 30th St  
 Note2: Secondary: Airplane  
 Octave Filters: None

Overall Measurement

Start Time: 26-Jan-2011 13:58:53  
 Elapsed Time: 00:15:00.0  
 Leq: 56.5 dBA  
 SEL: 86.0 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.00 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Current Measurement

Start Time: 26-Jan-2011 13:58:53  
 Elapsed Time: 00:15:00.0  
 Leq: 56.5 dBA  
 SEL: 86.0 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.00 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 37.6 dBA 26-Jan-2011 14:02:50  
 Max: 75.2 dBA 26-Jan-2011 14:00:55  
 Peak-1: 101.9 dBF 26-Jan-2011 14:00:55  
 Peak-2: 102.2 dBA 26-Jan-2011 14:00:55

Min: 37.6 dBA 26-Jan-2011 14:02:50  
 Max: 75.2 dBA 26-Jan-2011 14:00:55  
 Peak-1: 101.9 dBF 26-Jan-2011 14:00:55  
 Peak-2: 102.2 dBA 26-Jan-2011 14:00:55

L 1.67 66.2 dBA L 50.00 49.2 dBA  
 L 8.33 60.1 dBA L 66.67 45.7 dBA  
 L 33.33 52.3 dBA L 90.00 40.7 dBA

Detector: Slow  
 Weighting: A  
 SPL Exceedance Level 1: 115.00 Exceeded: 0 times  
 SPL Exceedance level 2: 120 Exceeded: 0 times  
 Peak-1 Exceedance Level: 140 Exceeded: 0 times  
 Peak-2 Exceedance Level: 140 Exceeded: 0 times  
 Hysteresis: 2  
 Overloaded: 0 time(s)  
 Paused: 0 times for 00:00:00.0

Calibrated: 22-Jun-2010 09:15:35  
 Checked: 27-Jan-2011 11:13:55  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.7 dB  
 Level: 114.30 dB  
 Level: 114.0 dB

Interval Records: Enabled  
 History Records: Disabled

Number Interval Records: 1  
 Number History Records: 18

814 Memory: 524288 bytes  
 Free Memory: 389887 bytes 74.37% free

Battery Level: 97% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018607 San Pedro NCP EIR\Data\Noise Data\Measurements\Location 3  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: PBS&J/EIP  
 Descr1: 12301 Wilshire Blvd., Ste. 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: 815 S Gaffey St  
 Note1: Primary: Traffic on S Gaffey St  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 26-Jan-2011 14:24:19  
 Elapsed Time: 00:15:00.0  
 Leq: 71.4 dBA  
 SEL: 100.9 dBA  
 Dose: 0.00 %  
 Proj. Dose: 1.37 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 26-Jan-2011 14:24:19  
 Elapsed Time: 00:15:00.0  
 Leq: 71.4 dBA  
 SEL: 100.9 dBA  
 Dose: 0.00 %  
 Proj. Dose: 1.37 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 57.5 dBA 26-Jan-2011 14:37:21  
 Max: 82.9 dBA 26-Jan-2011 14:29:27  
 Peak-1: 108.8 dBF 26-Jan-2011 14:27:36  
 Peak-2: 101.0 dBA 26-Jan-2011 14:26:49

Min: 57.5 dBA 26-Jan-2011 14:37:21  
 Max: 82.9 dBA 26-Jan-2011 14:29:27  
 Peak-1: 108.8 dBF 26-Jan-2011 14:27:36  
 Peak-2: 101.0 dBA 26-Jan-2011 14:26:49

L 1.67 78.7 dBA L 50.00 68.7 dBA  
 L 8.33 75.4 dBA L 66.67 66.7 dBA  
 L 33.33 70.9 dBA L 90.00 63.8 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times  
 SPL Exceedance level 2: 120 Exceeded: 0 times  
 Peak-1 Exceedance Level: 140 Exceeded: 0 times  
 Peak-2 Exceedance Level: 140 Exceeded: 0 times  
 Hysteresis: 2  
 Overloaded: 0 time(s)  
 Paused: 0 times for 00:00:00.0

Calibrated: 22-Jun-2010 09:15:35  
 Checked: 27-Jan-2011 11:13:55  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.7 dB  
 Level: 114.30 dB  
 Level: 114.0 dB

Interval Records: Enabled  
 History Records: Disabled

Number Interval Records: 1  
 Number History Records: 18

814 Memory: 524288 bytes  
 Free Memory: 389887 bytes 74.37% free

Battery Level: 97% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018607 San Pedro NCP EIR\Data\Noise Data\Measurements\Location 4  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: PBS&J/EIP  
 Descr1: 12301 Wilshire Blvd., Ste. 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: 255 W 5th St  
 Note1: Primary: Traffic on W 5th St  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 26-Jan-2011 15:00:30  
 Elapsed Time: 00:15:00.0  
 Leq: 65.2 dBA  
 SEL: 94.7 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.32 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 26-Jan-2011 15:00:30  
 Elapsed Time: 00:15:00.0  
 Leq: 65.2 dBA  
 SEL: 94.7 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.32 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 54.3 dBA 26-Jan-2011 15:15:01  
 Max: 82.0 dBA 26-Jan-2011 15:13:35  
 Peak-1: 104.8 dBF 26-Jan-2011 15:13:35  
 Peak-2: 102.0 dBA 26-Jan-2011 15:00:42

Min: 54.3 dBA 26-Jan-2011 15:15:01  
 Max: 82.0 dBA 26-Jan-2011 15:13:35  
 Peak-1: 104.8 dBF 26-Jan-2011 15:13:35  
 Peak-2: 102.0 dBA 26-Jan-2011 15:00:42

L 1.67 74.4 dBA L 50.00 61.5 dBA  
 L 8.33 68.0 dBA L 66.67 59.8 dBA  
 L 33.33 63.6 dBA L 90.00 57.2 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times  
 SPL Exceedance level 2: 120 Exceeded: 0 times  
 Peak-1 Exceedance Level: 140 Exceeded: 0 times  
 Peak-2 Exceedance Level: 140 Exceeded: 0 times  
 Hysteresis: 2  
 Overloaded: 0 time(s)  
 Paused: 0 times for 00:00:00.0

Calibrated: 22-Jun-2010 09:15:35  
 Checked: 27-Jan-2011 11:13:55  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.7 dB  
 Level: 114.30 dB  
 Level: 114.0 dB

Interval Records: Enabled  
 History Records: Disabled

Number Interval Records: 1  
 Number History Records: 18

814 Memory: 524288 bytes  
 Free Memory: 389887 bytes 74.37% free

Battery Level: 97% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018607 San Pedro NCP EIR\Data\Noise Data\Measurements\Location 5  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: PBS&J/EIP  
 Descr1: 12301 Wilshire Blvd., Ste. 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: Pacific Ave and 2nd St  
 Note1: Primary: Traffic  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 26-Jan-2011 15:22:59  
 Elapsed Time: 00:15:00.0  
 Leq: 72.6 dBA  
 SEL: 102.2 dBA  
 Dose: 0.00 %  
 Proj. Dose: 1.84 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 26-Jan-2011 15:22:59  
 Elapsed Time: 00:15:00.0  
 Leq: 72.6 dBA  
 SEL: 102.2 dBA  
 Dose: 0.00 %  
 Proj. Dose: 1.84 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 59.7 dBA 26-Jan-2011 15:30:42  
 Max: 89.8 dBA 26-Jan-2011 15:29:20  
 Peak-1: 108.3 dBF 26-Jan-2011 15:29:20  
 Peak-2: 105.0 dBA 26-Jan-2011 15:29:19

Min: 59.7 dBA 26-Jan-2011 15:30:42  
 Max: 89.8 dBA 26-Jan-2011 15:29:20  
 Peak-1: 108.3 dBF 26-Jan-2011 15:29:20  
 Peak-2: 105.0 dBA 26-Jan-2011 15:29:19

L 1.67 81.2 dBA L 50.00 69.0 dBA  
 L 8.33 76.0 dBA L 66.67 67.4 dBA  
 L 33.33 70.8 dBA L 90.00 64.3 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times  
 SPL Exceedance level 2: 120 Exceeded: 0 times  
 Peak-1 Exceedance Level: 140 Exceeded: 0 times  
 Peak-2 Exceedance Level: 140 Exceeded: 0 times  
 Hysteresis: 2  
 Overloaded: 0 time(s)  
 Paused: 0 times for 00:00:00.0

Calibrated: 22-Jun-2010 09:15:35  
 Checked: 27-Jan-2011 11:13:55  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.7 dB  
 Level: 114.30 dB  
 Level: 114.0 dB

Interval Records: Enabled  
 History Records: Disabled

Number Interval Records: 1  
 Number History Records: 18

814 Memory: 524288 bytes  
 Free Memory: 389887 bytes 74.37% free

Battery Level: 97% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018607 San Pedro NCP EIR\Data\Noise Data\Measurements\Location 6  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: PBS&J/EIP  
 Descr1: 12301 Wilshire Blvd., Ste. 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: N Palos Verde St and W Ofarrell St  
 Note1: Primary: Traffic on W Ofarrell St  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 26-Jan-2011 15:47:57  
 Elapsed Time: 00:15:00.0  
 Leq: 65.0 dBA  
 SEL: 94.5 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.31 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 26-Jan-2011 15:47:57  
 Elapsed Time: 00:15:00.0  
 Leq: 65.0 dBA  
 SEL: 94.5 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.31 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 49.6 dBA 26-Jan-2011 15:47:57  
 Max: 80.7 dBA 26-Jan-2011 16:01:05  
 Peak-1: 106.9 dBF 26-Jan-2011 16:01:04  
 Peak-2: 95.3 dBA 26-Jan-2011 16:01:04

Min: 49.6 dBA 26-Jan-2011 15:47:57  
 Max: 80.7 dBA 26-Jan-2011 16:01:05  
 Peak-1: 106.9 dBF 26-Jan-2011 16:01:04  
 Peak-2: 95.3 dBA 26-Jan-2011 16:01:04

L 1.67 74.8 dBA L 50.00 60.6 dBA  
 L 8.33 68.3 dBA L 66.67 58.4 dBA  
 L 33.33 62.8 dBA L 90.00 53.3 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times  
 SPL Exceedance level 2: 120 Exceeded: 0 times  
 Peak-1 Exceedance Level: 140 Exceeded: 0 times  
 Peak-2 Exceedance Level: 140 Exceeded: 0 times  
 Hysteresis: 2  
 Overloaded: 0 time(s)  
 Paused: 0 times for 00:00:00.0

Calibrated: 22-Jun-2010 09:15:35  
 Checked: 27-Jan-2011 11:13:55  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.7 dB  
 Level: 114.30 dB  
 Level: 114.0 dB

Interval Records: Enabled  
 History Records: Disabled

Number Interval Records: 1  
 Number History Records: 18

814 Memory: 524288 bytes  
 Free Memory: 389887 bytes 74.37% free

Battery Level: 97% Source: INT



File Translated: P:\Projects - All Users\100000000+\100018607 San Pedro NCP EIR\Data\Noise Data\Measurements\Location 7  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: PBS&J/EIP  
 Descr1: 12301 Wilshire Blvd., Ste. 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: 802 Barrywood Ave  
 Note1: Primary: Traffic on Barrywood Ave  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 26-Jan-2011 16:46:33  
 Elapsed Time: 00:15:00.0  
 Leq: 56.2 dBA  
 SEL: 85.7 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.00 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 26-Jan-2011 16:46:33  
 Elapsed Time: 00:15:00.0  
 Leq: 56.2 dBA  
 SEL: 85.7 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.00 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 41.6 dBA 26-Jan-2011 17:01:03  
 Max: 72.0 dBA 26-Jan-2011 16:52:48  
 Peak-1: 95.2 dBF 26-Jan-2011 16:55:49  
 Peak-2: 95.5 dBA 26-Jan-2011 16:55:49

Min: 41.6 dBA 26-Jan-2011 17:01:03  
 Max: 72.0 dBA 26-Jan-2011 16:52:48  
 Peak-1: 95.2 dBF 26-Jan-2011 16:55:49  
 Peak-2: 95.5 dBA 26-Jan-2011 16:55:49

L 1.67 66.9 dBA L 50.00 49.2 dBA  
 L 8.33 60.4 dBA L 66.67 47.6 dBA  
 L 33.33 51.1 dBA L 90.00 44.9 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times  
 SPL Exceedance level 2: 120 Exceeded: 0 times  
 Peak-1 Exceedance Level: 140 Exceeded: 0 times  
 Peak-2 Exceedance Level: 140 Exceeded: 0 times  
 Hysteresis: 2  
 Overloaded: 0 time(s)  
 Paused: 0 times for 00:00:00.0

Calibrated: 22-Jun-2010 09:15:35  
 Checked: 27-Jan-2011 11:13:55  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.7 dB  
 Level: 114.30 dB  
 Level: 114.0 dB

Interval Records: Enabled  
 History Records: Disabled

Number Interval Records: 1  
 Number History Records: 18

814 Memory: 524288 bytes  
 Free Memory: 389887 bytes 74.37% free

Battery Level: 96% Source: INT

File Translated: P:\Projects - All Users\100000000+\100018607 San Pedro NCP EIR\Data\Noise Data\Measurements\Location 8  
 Model/Serial Number: 814 / A0174  
 Firmware/Software Revs: 1.026 / 1.07  
 Name: PBS&J/EIP  
 Descr1: 12301 Wilshire Blvd., Ste. 430  
 Descr2: Los Angeles, CA 90025  
 Setup/Setup Descr: 15minute.slm / 15 Minute  
 Location: S Weymouth Ave and Le Grande Terrace  
 Note1: Primary: Traffic on S Weymouth Ave  
 Note2:  
 Octave Filters: None

## Overall Measurement

Start Time: 26-Jan-2011 17:18:22  
 Elapsed Time: 00:15:00.0  
 Leq: 58.7 dBA  
 SEL: 88.3 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.07 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 26-Jan-2011 17:18:22  
 Elapsed Time: 00:15:00.0  
 Leq: 58.7 dBA  
 SEL: 88.3 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.07 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 44.9 dBA 26-Jan-2011 17:31:47  
 Max: 74.0 dBA 26-Jan-2011 17:19:50  
 Peak-1: 117.3 dBF 26-Jan-2011 17:33:07  
 Peak-2: 108.3 dBA 26-Jan-2011 17:32:48

Min: 44.9 dBA 26-Jan-2011 17:31:47  
 Max: 74.0 dBA 26-Jan-2011 17:19:50  
 Peak-1: 117.3 dBF 26-Jan-2011 17:33:07  
 Peak-2: 108.3 dBA 26-Jan-2011 17:32:48

L 1.67 67.2 dBA L 50.00 53.3 dBA  
 L 8.33 63.4 dBA L 66.67 50.8 dBA  
 L 33.33 56.5 dBA L 90.00 48.0 dBA

Detector: Slow

Weighting: A

SPL Exceedance Level 1: 115.00 Exceeded: 0 times  
 SPL Exceedance level 2: 120 Exceeded: 0 times  
 Peak-1 Exceedance Level: 140 Exceeded: 0 times  
 Peak-2 Exceedance Level: 140 Exceeded: 0 times  
 Hysteresis: 2  
 Overloaded: 0 time(s)  
 Paused: 0 times for 00:00:00.0

Calibrated: 22-Jun-2010 09:15:35  
 Checked: 27-Jan-2011 11:13:55  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 9.7 dB  
 Level: 114.30 dB  
 Level: 114.0 dB

Interval Records: Enabled  
 History Records: Disabled

Number Interval Records: 1  
 Number History Records: 18

814 Memory: 524288 bytes  
 Free Memory: 389887 bytes 74.37% free

Battery Level: 95% Source: INT

## TRAFFIC NOISE LEVELS

Project Number: 100018607

Project Name: San Pedro NCP

### Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.  
 Analysis Scenario(s): Existing  
 Source of Traffic Volumes: Iteris  
 Community Noise Descriptor: L<sub>dn</sub>: \_\_\_\_\_ CNEL:  X

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

### Traffic Noise Levels

Analysis Condition		Lanes	Median Width	Peak Hour Volume	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor <sup>1</sup>	Alpha Factor	Barrier Attn. dB(A)	Vehicle Mix		Peak Hour L <sub>eq</sub> dB(A)	24-Hour CNEL dB(A)
Roadway Segment	Land Use									Medium Trucks	Heavy Trucks		
Gaffey - Summerland to Miraflores	Commercial	4	5	0	15,440	40	75	0	0	1.8%	0.7%	0.0	66.5
Gaffey - Channel to Capitol	Commercial	4	5	0	15,100	40	75	0	0	1.8%	0.7%	0.0	66.4
Gaffey - 1st to Sepulveda	Commercial	6	15	0	41,580	35	75	0	0	1.8%	0.7%	0.0	69.8
Gaffey - Summerland to 110 terminus	Commercial	6	15	0	58,660	35	75	0	0	1.8%	0.7%	0.0	71.3
Gaffey - 3rd to 5th	Commercial	4	15	0	28,290	35	75	0	0	1.8%	0.7%	0.0	67.8
Gaffey - 7th to 9th	Residential	4	15	0	27,290	35	75	0	0	1.8%	0.7%	0.0	67.6
Gaffey - 22nd to 23rd	Residential	2	0	0	14,930	30	75	0	0	1.8%	0.7%	0.0	63.4
Gaffey - 25th to 26th	Residential	2	0	0	10,860	30	75	0	0	1.8%	0.7%	0.0	62.0
Channel - Gaffey to John S. Gibson	Industrial	4	15	0	17,250	35	75	0	0	1.8%	0.7%	0.0	65.6
Western - Capitol to Westmont	Residential	4	15	0	15,620	35	75	0	0	1.8%	0.7%	0.0	65.2
Western - Westmont to northern borde	Residential	4	15	0	17,990	35	75	0	0	1.8%	0.7%	0.0	65.8
Western - 9th to Dodson	Residential	4	15	0	23,930	40	75	0	0	1.8%	0.7%	0.0	68.5
Summerland - Cabrillo to Gaffey	Residential	2	0	0	14,340	30	75	0	0	1.8%	0.7%	0.0	63.3
25th - Western to Patton	Residential	2	10	0	1,740	35	75	0	0	1.8%	0.7%	0.0	55.4
25th - Patton to Walker	Residential	2	10	0	1,740	35	75	0	0	1.8%	0.7%	0.0	55.4
25th - Mermaid to Anchovy	Residential	4	10	0	10,790	35	75	0	0	1.8%	0.7%	0.0	63.5
Pacific - 5th to 7th	Commercial	4	0	0	17,350	35	75	0	0	1.8%	0.7%	0.0	65.5
Pacific - 22nd to 23rd	Commercial	2	0	0	8,930	35	75	0	0	1.8%	0.7%	0.0	62.5
Pacific - O'Farrell to Bonita	Commercial	4	0	0	13,170	35	75	0	0	1.8%	0.7%	0.0	64.3
Harbor - Swinford to O'Farrell	Commercial	4	10	0	20,950	35	75	0	0	1.8%	0.7%	0.0	66.4
Centre - 6th to 7th	Commercial	2	10	0	7,340	35	75	0	0	1.8%	0.7%	0.0	61.7
9th - Cabrillo to Gaffey	Commercial	2	0	0	7,720	35	75	0	0	1.8%	0.7%	0.0	61.9
1st - Cabrillo to Grand	Residential	2	0	0	11,380	35	75	0	0	1.8%	0.7%	0.0	63.6

<sup>1</sup> Distance is from the centerline of the roadway segment to the receptor location.

## TRAFFIC NOISE LEVELS

Project Number: 100018607

Project Name: San Pedro NCP

### Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.  
 Analysis Scenario(s): Future with Project  
 Source of Traffic Volumes: Iteris  
 Community Noise Descriptor: L<sub>dn</sub>: \_\_\_\_\_ CNEL:  X

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

### Traffic Noise Levels

Analysis Condition		Lanes	Median Width	Peak Hour Volume	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor <sup>1</sup>	Alpha Factor	Barrier Attn. dB(A)	Vehicle Mix		Peak Hour L <sub>eq</sub> dB(A)	24-Hour CNEL dB(A)
Roadway Segment	Land Use									Medium Trucks	Heavy Trucks		
Gaffey - Summerland to Miraflores	Commercial	4	5	0	36,801	40	75	0	0	1.8%	0.7%	0.0	70.2
Gaffey - Channel to Capitol	Commercial	4	5	0	18,401	40	75	0	0	1.8%	0.7%	0.0	67.2
Gaffey - 1st to Sepulveda	Commercial	6	15	0	42,445	35	75	0	0	1.8%	0.7%	0.0	69.9
Gaffey - Summerland to 110 terminus	Commercial	6	15	0	45,430	35	75	0	0	1.8%	0.7%	0.0	70.2
Gaffey - 3rd to 5th	Commercial	4	15	0	23,685	35	75	0	0	1.8%	0.7%	0.0	67.0
Gaffey - 7th to 9th	Residential	4	15	0	22,024	35	75	0	0	1.8%	0.7%	0.0	66.7
Gaffey - 22nd to 23rd	Residential	2	0	0	17,896	30	75	0	0	1.8%	0.7%	0.0	64.2
Gaffey - 25th to 26th	Residential	2	0	0	11,680	30	75	0	0	1.8%	0.7%	0.0	62.4
Channel - Gaffey to John S. Gibson	Industrial	4	15	0	27,893	35	75	0	0	1.8%	0.7%	0.0	67.7
Western - Capitol to Westmont	Residential	4	15	0	38,788	35	75	0	0	1.8%	0.7%	0.0	69.1
Western - Westmont to northern borde	Residential	4	15	0	48,212	35	75	0	0	1.8%	0.7%	0.0	70.1
Western - 9th to Dodson	Residential	4	15	0	36,734	40	75	0	0	1.8%	0.7%	0.0	70.3
Summerland - Cabrillo to Gaffey	Residential	2	0	0	11,938	30	75	0	0	1.8%	0.7%	0.0	62.5
25th - Western to Patton	Residential	2	10	0	8,696	35	75	0	0	1.8%	0.7%	0.0	62.4
25th - Patton to Walker	Residential	2	10	0	8,696	35	75	0	0	1.8%	0.7%	0.0	62.4
25th - Mermaid to Anchovy	Residential	4	10	0	14,306	35	75	0	0	1.8%	0.7%	0.0	64.7
Pacific - 5th to 7th	Commercial	4	0	0	27,444	35	75	0	0	1.8%	0.7%	0.0	67.5
Pacific - 22nd to 23rd	Commercial	2	0	0	4,880	35	75	0	0	1.8%	0.7%	0.0	59.9
Pacific - O'Farrell to Bonita	Commercial	4	0	0	22,294	35	75	0	0	1.8%	0.7%	0.0	66.6
Harbor - Swinford to O'Farrell	Commercial	4	10	0	36,992	35	75	0	0	1.8%	0.7%	0.0	68.9
Centre - 6th to 7th	Commercial	2	10	0	12,723	35	75	0	0	1.8%	0.7%	0.0	64.1
9th - Cabrillo to Gaffey	Commercial	2	0	0	15,293	35	75	0	0	1.8%	0.7%	0.0	64.8
1st - Cabrillo to Grand	Residential	2	0	0	16,864	35	75	0	0	1.8%	0.7%	0.0	65.3

<sup>1</sup> Distance is from the centerline of the roadway segment to the receptor location.

## TRAFFIC NOISE LEVELS

Project Number: 100018607

Project Name: San Pedro NCP

### Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.  
 Analysis Scenario(s): Future with Project  
 Source of Traffic Volumes: Iteris  
 Community Noise Descriptor: L<sub>dn</sub>: \_\_\_\_\_ CNEL:  X

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

### Traffic Noise Levels

Analysis Condition		Lanes	Median Width	Peak Hour Volume	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor <sup>1</sup>	Alpha Factor	Barrier Attn. dB(A)	Vehicle Mix		Peak Hour L <sub>eq</sub> dB(A)	24-Hour CNEL dB(A)
Roadway Segment	Land Use									Medium Trucks	Heavy Trucks		
Gaffey - Summerland to Miraflores	Commercial	4	5	0	35,511	40	75	0	0	1.8%	0.7%	0.0	70.1
Gaffey - Channel to Capitol	Commercial	4	5	0	20,869	40	75	0	0	1.8%	0.7%	0.0	67.8
Gaffey - 1st to Sepulveda	Commercial	6	15	0	42,266	35	75	0	0	1.8%	0.7%	0.0	69.9
Gaffey - Summerland to 110 terminus	Commercial	6	15	0	45,609	35	75	0	0	1.8%	0.7%	0.0	70.2
Gaffey - 3rd to 5th	Commercial	4	15	0	23,248	35	75	0	0	1.8%	0.7%	0.0	66.9
Gaffey - 7th to 9th	Residential	4	15	0	22,160	35	75	0	0	1.8%	0.7%	0.0	66.7
Gaffey - 22nd to 23rd	Residential	2	0	0	18,545	30	75	0	0	1.8%	0.7%	0.0	64.4
Gaffey - 25th to 26th	Residential	2	0	0	11,961	30	75	0	0	1.8%	0.7%	0.0	62.5
Channel - Gaffey to John S. Gibson	Industrial	4	15	0	28,364	35	75	0	0	1.8%	0.7%	0.0	67.8
Western - Capitol to Westmont	Residential	4	15	0	39,147	35	75	0	0	1.8%	0.7%	0.0	69.2
Western - Westmont to northern borde	Residential	4	15	0	48,987	35	75	0	0	1.8%	0.7%	0.0	70.1
Western - 9th to Dodson	Residential	4	15	0	36,959	40	75	0	0	1.8%	0.7%	0.0	70.4
Summerland - Cabrillo to Gaffey	Residential	2	0	0	12,409	30	75	0	0	1.8%	0.7%	0.0	62.6
25th - Western to Patton	Residential	2	10	0	9,604	35	75	0	0	1.8%	0.7%	0.0	62.8
25th - Patton to Walker	Residential	2	10	0	9,604	35	75	0	0	1.8%	0.7%	0.0	62.8
25th - Mermaid to Anchovy	Residential	4	10	0	14,216	35	75	0	0	1.8%	0.7%	0.0	64.7
Pacific - 5th to 7th	Commercial	4	0	0	26,434	35	75	0	0	1.8%	0.7%	0.0	67.3
Pacific - 22nd to 23rd	Commercial	2	0	0	4,746	35	75	0	0	1.8%	0.7%	0.0	59.8
Pacific - O'Farrell to Bonita	Commercial	4	0	0	24,168	35	75	0	0	1.8%	0.7%	0.0	66.9
Harbor - Swinford to O'Farrell	Commercial	4	10	0	36,128	35	75	0	0	1.8%	0.7%	0.0	68.8
Centre - 6th to 7th	Commercial	2	10	0	11,680	35	75	0	0	1.8%	0.7%	0.0	63.7
9th - Cabrillo to Gaffey	Commercial	2	0	0	14,608	35	75	0	0	1.8%	0.7%	0.0	64.6
1st - Cabrillo to Grand	Residential	2	0	0	17,099	35	75	0	0	1.8%	0.7%	0.0	65.3

<sup>1</sup> Distance is from the centerline of the roadway segment to the receptor location.

