

## **Appendix G      Noise Monitoring Results**

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File Translated: P:\Projects - All Users\100030000+\100035136 El Segundo 888 Sepulveda Hotel EIR\Data\Noise Measurements  
 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: 898 Sepulveda Boulevard  
 Note1: Walnut Street btwn Sepulveda and Selby Street  
 Note2: Traffic on Walnut  
 Octave Filters: None

## Overall Measurement

Start Time: 12-Jun-2013 15:03:05  
 Elapsed Time: 00:15:00.0  
 Leq: 64.7 dBA  
 SEL: 94.3 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.29 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 12-Jun-2013 15:03:05  
 Elapsed Time: 00:15:00.0  
 Leq: 64.7 dBA  
 SEL: 94.3 dBA  
 Dose: 0.00 %  
 Proj. Dose: 0.29 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 52.7 dBA 12-Jun-2013 15:06:20  
 Max: 89.8 dBA 12-Jun-2013 15:05:34  
 Peak-1: 110.3 dBF 12-Jun-2013 15:05:33  
 Peak-2: 104.9 dBA 12-Jun-2013 15:05:33

Min: 52.7 dBA 12-Jun-2013 15:06:20  
 Max: 89.8 dBA 12-Jun-2013 15:05:34  
 Peak-1: 110.3 dBF 12-Jun-2013 15:05:33  
 Peak-2: 104.9 dBA 12-Jun-2013 15:05:33

L 1.67 71.4 dBA L 50.00 58.1 dBA  
 L 8.33 64.7 dBA L 66.67 57.4 dBA  
 L 33.33 59.1 dBA L 90.00 55.8 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: 01-Jan-2001 11:56:00  
 Checked: 12-Jun-2013 14:58:46  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 8.8 dB  
 Level: 113.50 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: 474847 bytes 90.57% free

Battery Level: 97% Source: INT

File Translated: P:\Projects - All Users\100030000+\100035136 El Segundo 888 Sepulveda Hotel EIR\Data\Noise Measurements  
 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: Front of 898 Sepulveda  
 Note1: SW corner of Sepulveda and Walnut  
 Note2: Traffic on Sepulveda  
 Octave Filters: None

## Overall Measurement

Start Time: 12-Jun-2013 15:19:34  
 Elapsed Time: 00:15:00.0  
 Leq: 73.1 dBA  
 SEL: 102.6 dBA  
 Dose: 0.06 %  
 Proj. Dose: 2.03 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 12-Jun-2013 15:19:34  
 Elapsed Time: 00:15:00.0  
 Leq: 73.1 dBA  
 SEL: 102.6 dBA  
 Dose: 0.06 %  
 Proj. Dose: 2.03 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 56.7 dBA 12-Jun-2013 15:29:07  
 Max: 87.1 dBA 12-Jun-2013 15:23:28  
 Peak-1: 113.5 dBF 12-Jun-2013 15:23:28  
 Peak-2: 100.5 dBA 12-Jun-2013 15:30:43

Min: 56.7 dBA 12-Jun-2013 15:29:07  
 Max: 87.1 dBA 12-Jun-2013 15:23:28  
 Peak-1: 113.5 dBF 12-Jun-2013 15:23:28  
 Peak-2: 100.5 dBA 12-Jun-2013 15:30:43

L 1.67 79.0 dBA L 50.00 71.6 dBA  
 L 8.33 76.5 dBA L 66.67 69.8 dBA  
 L 33.33 73.4 dBA L 90.00 61.2 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: 01-Jan-2001 11:56:00  
 Checked: 12-Jun-2013 14:58:46  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 8.8 dB  
 Level: 113.50 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: 474847 bytes 90.57% free

Battery Level: 97% Source: INT

File Translated: P:\Projects - All Users\100030000+\100035136 El Segundo 888 Sepulveda Hotel EIR\Data\Noise Measurements  
 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: SW Corner of Sepulveda and Maple  
 Note1: Front of Mobile Gas Station  
 Note2: Traffic on Sepulveda  
 Octave Filters: None

## Overall Measurement

Start Time: 12-Jun-2013 15:55:52  
 Elapsed Time: 00:15:00.0  
 Leq: 73.5 dBA  
 SEL: 103.1 dBA  
 Dose: 0.07 %  
 Proj. Dose: 2.27 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 12-Jun-2013 15:55:52  
 Elapsed Time: 00:15:00.0  
 Leq: 73.5 dBA  
 SEL: 103.1 dBA  
 Dose: 0.07 %  
 Proj. Dose: 2.27 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 56.6 dBA 12-Jun-2013 15:59:44  
 Max: 81.6 dBA 12-Jun-2013 16:00:23  
 Peak-1: 106.2 dBF 12-Jun-2013 16:10:10  
 Peak-2: 101.8 dBA 12-Jun-2013 16:05:31

Min: 56.6 dBA 12-Jun-2013 15:59:44  
 Max: 81.6 dBA 12-Jun-2013 16:00:23  
 Peak-1: 106.2 dBF 12-Jun-2013 16:10:10  
 Peak-2: 101.8 dBA 12-Jun-2013 16:05:31

L 1.67 79.5 dBA L 50.00 72.1 dBA  
 L 8.33 77.4 dBA L 66.67 67.7 dBA  
 L 33.33 74.6 dBA L 90.00 63.1 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: 01-Jan-2001 11:56:00  
 Checked: 12-Jun-2013 14:58:46  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 8.8 dB  
 Level: 113.50 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: 474847 bytes 90.57% free

Battery Level: 95% Source: INT

File Translated: P:\Projects - All Users\100030000+\100035136 El Segundo 888 Sepulveda Hotel EIR\Data\Noise Measurements  
 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: SW Corner of Sepulveda and Sycamore  
 Note1: Front of Travellodge Hotel  
 Note2: Traffic on Sepulveda  
 Octave Filters: None

## Overall Measurement

Start Time: 12-Jun-2013 15:37:59  
 Elapsed Time: 00:15:00.0  
 Leq: 71.9 dBA  
 SEL: 101.5 dBA  
 Dose: 0.00 %  
 Proj. Dose: 1.57 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

## Current Measurement

Start Time: 12-Jun-2013 15:37:59  
 Elapsed Time: 00:15:00.0  
 Leq: 71.9 dBA  
 SEL: 101.5 dBA  
 Dose: 0.00 %  
 Proj. Dose: 1.57 %  
 Threshold: 0 dB  
 Criterion: 90 dB  
 Exchange Rate: 3 dB

Min: 53.1 dBA 12-Jun-2013 15:45:57  
 Max: 81.1 dBA 12-Jun-2013 15:44:50  
 Peak-1: 102.1 dBF 12-Jun-2013 15:51:44  
 Peak-2: 96.4 dBA 12-Jun-2013 15:48:37

Min: 53.1 dBA 12-Jun-2013 15:45:57  
 Max: 81.1 dBA 12-Jun-2013 15:44:50  
 Peak-1: 102.1 dBF 12-Jun-2013 15:51:44  
 Peak-2: 96.4 dBA 12-Jun-2013 15:48:37

L 1.67 77.6 dBA L 50.00 70.2 dBA  
 L 8.33 76.0 dBA L 66.67 64.5 dBA  
 L 33.33 73.3 dBA L 90.00 59.8 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: 01-Jan-2001 11:56:00  
 Checked: 12-Jun-2013 14:58:46  
 Calibrator LD 0504  
 Cal Records Count: 0

Offset: 8.8 dB  
 Level: 113.50 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: 474847 bytes 90.57% free

Battery Level: 97% Source: INT

## TRAFFIC NOISE LEVELS

Project Number: 100035136

Project Name: 888 N. Sepulveda Project (City of El Segundo)

### Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.

Analysis Scenario(s): Existing Project

Source of Traffic Volumes: Kimley-Horn

Community Noise Descriptor:  $L_{dn}$ : \_\_\_\_\_ 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 Roadway Segment	Land Use	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 Hou	24-Hou
										Medium Trucks	Heavy Trucks	dB(A) L <sub>eq</sub>	dB(A) CNEL
Sepulveda Blvd)	Commercial	4	15	1,969	19,690	40	75	0	0	1.8%	0.7%	68.4	67.6
Selby)	Commercial	6	15	2,667	26,670	40	75	0	0	1.8%	0.7%	70.1	69.3
Ave	Commercial	8	16	6,000	60,000	45	75	0	0	1.8%	0.7%	75.5	74.8
Ave)	Commercial	8	16	5,861	58,610	45	75	0	0	1.8%	0.7%	75.4	74.7
Ave)	Commercial	8	16	5,828	58,280	45	75	0	0	1.8%	0.7%	74.8	74.1
Ave)	Commercial	8	16	4,731	47,310	45	75	0	0	1.8%	0.7%	74.5	73.8

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

## TRAFFIC NOISE LEVELS

Project Number: 100035136

Project Name: 888 N. Sepulveda Project (City of El Segundo)

### Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.  
 Analysis Scenario(s): Existing Plus Project  
 Source of Traffic Volumes: Kimley-Horn  
 Community Noise Descriptor:  $L_{dn}$ : \_\_\_\_\_ 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	Land Use	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 Medium Trucks	Vehicle Mix Heavy Trucks	Peak Hour $L_{eq}$ dB(A)	24-Hour CNEL dB(A)
Sepulveda Blvd)	Commercial	4	15	1,971	19,710	40	75	0	0	1.8%	0.7%	68.4	67.6
Selby)	Commercial	6	15	2,667	26,670	40	75	0	0	1.8%	0.7%	70.1	69.3
Ave	Commercial	8	16	6,000	60,000	45	75	0	0	1.8%	0.7%	75.5	74.8
Ave)	Commercial	8	16	5,958	59,580	45	75	0	0	1.8%	0.7%	75.5	74.8
Ave)	Commercial	8	16	5,649	56,490	45	75	0	0	1.8%	0.7%	75.3	74.5
Ave)	Commercial	8	16	5,064	50,640	45	75	0	0	1.8%	0.7%	74.8	74.0
Ave)	Commercial	8	16	4,709	47,090	45	75	0	0	1.8%	0.7%	74.5	73.7

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



## TRAFFIC NOISE LEVELS

Project Number: 100035136

Project Name: 888 N. Sepulveda Project (City of El Segundo)

### Background Information

Model Description: FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.  
 Analysis Scenario(s): Future No Project  
 Source of Traffic Volumes: Kimley-Horn  
 Community Noise Descriptor:  $L_{dn}$ : \_\_\_\_\_ 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	Land Use	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 Medium Trucks	Vehicle Mix Heavy Trucks	Peak Hour $L_{eq}$ dB(A)	24-Hour CNEL dB(A)
Sepulveda Blvd)	Commercial	4	15	2,097	20,970	40	75	0	0	1.8%	0.7%	68.7	67.9
Selby)	Commercial	6	15	3,925	39,250	40	75	0	0	1.8%	0.7%	71.7	71.0
Ave	Commercial	8	16	6,465	64,650	45	75	0	0	1.8%	0.7%	75.9	75.1
Ave)	Commercial	8	16	6,300	63,000	45	75	0	0	1.8%	0.7%	75.8	75.0
Ave)	Commercial	8	16	6,126	61,260	45	75	0	0	1.8%	0.7%	75.6	74.9
Ave)	Commercial	8	16	5,464	54,640	45	75	0	0	1.8%	0.7%	75.1	74.4
Ave)	Commercial	8	16	5,248	52,480	45	75	0	0	1.8%	0.7%	75.0	74.2

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

## TRAFFIC NOISE LEVELS

Project Number: 100035136

Project Name: 888 N. Sepulveda Project (City of El Segundo)

### 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: Kimley-Horn  
 Community Noise Descriptor:  $L_{dn}$ : \_\_\_\_\_ 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	Roadway Segment	Land Use	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 Medium Trucks	Vehicle Mix Heavy Trucks	Peak Hour $L_{eq}$ dB(A)	24-Hour CNEL dB(A)
Analysis Condition	Sepulveda Blvd)	Commercial	4	15	2,097	20,970	40	75	0	0	1.8%	0.7%	68.7	67.9
	Selby)	Commercial	6	15	3,925	39,250	40	75	0	0	1.8%	0.7%	71.7	71.0
	Ave	Commercial	8	16	6,465	64,650	45	75	0	0	1.8%	0.7%	75.9	75.1
	Ave)	Commercial	8	16	6,346	63,460	45	75	0	0	1.8%	0.7%	75.8	75.0
	Ave)	Commercial	8	16	6,368	63,680	45	75	0	0	1.8%	0.7%	75.8	75.0
	Ave)	Commercial	8	16	5,501	55,010	45	75	0	0	1.8%	0.7%	75.2	74.4
	Ave)	Commercial	8	16	5,292	52,920	45	75	0	0	1.8%	0.7%	75.0	74.2

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