

Appendix H: Noise Supporting Data

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\1 AM.slm_{dl}
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rta.ssa / SLM & Real-Time Analyzer
 Location: 60' W of 7th St. CL
 Notel: 50' S of Lathrop Rd CL
 Note2: 170' W of Southern Pacific RR

Overall Any Data

Start Time: 05-Mar-2010 07:14:29
 Elapsed Time: 00:13:00.6

	A Weight	C Weight	Flat
Leq:	68.7 dBA	77.6 dBC	78.1 dBF
SEL:	97.6 dBA	106.6 dBC	107.1 dBF
Peak:	95.3 dBA	107.0 dBC	107.1 dBF
05-Mar-2010 07:16:54	05-Mar-2010 07:16:27	05-Mar-2010 07:16:27	
Lmax (slow):	81.1 dBA	95.5 dBC	95.7 dBF
05-Mar-2010 07:16:27	05-Mar-2010 07:16:27	05-Mar-2010 07:16:27	
Lmin (slow):	53.0 dBA	64.9 dBC	66.5 dBF
05-Mar-2010 07:15:35	05-Mar-2010 07:20:34	05-Mar-2010 07:20:34	
Lmax (fast):	84.5 dBA	99.5 dBC	99.7 dBF
05-Mar-2010 07:16:27	05-Mar-2010 07:16:27	05-Mar-2010 07:16:27	
Lmin (fast):	52.6 dBA	63.8 dBC	65.2 dBF
05-Mar-2010 07:15:35	05-Mar-2010 07:20:32	05-Mar-2010 07:20:32	
Lmax (impulse):	85.2 dBA	100.4 dBC	100.5 dBF
05-Mar-2010 07:16:27	05-Mar-2010 07:16:27	05-Mar-2010 07:16:27	
Lmin (impulse):	52.9 dBA	66.0 dBC	67.6 dBF
05-Mar-2010 07:15:35	05-Mar-2010 07:20:51	05-Mar-2010 07:20:51	

Spectra

Date: 05-Mar-2010
 Time: 07:14:29
 Run Time: 00:13:00.6

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	60.8		64.0		38.3		630	59.9		66.9		43.5	
16.0	63.5	67.3	66.8	71.1	46.1	48.7	800	60.6		67.1		44.0	
20.0	62.9		67.4		44.3		1000	60.4	65.0	67.9	72.2	43.1	47.8
25.0	63.2		68.0		42.8		1250	59.6		67.1		41.6	
31.5	63.0	68.1	73.2	78.5	46.5	51.0	1600	59.0		66.6		39.8	
40.0	63.7		76.4		47.9		2000	56.1	61.4	63.5	69.1	36.1	42.0
50.0	65.7		73.7		49.3		2500	52.8		61.5		33.5	
63.0	65.6	73.0	75.3	88.4	51.3	55.1	3150	49.3		56.3		30.4	
80.0	71.0		88.0		50.1		4000	46.1	51.5	52.7	58.3	27.7	32.7
100	70.9		84.8		50.9		5000	42.0		48.1		22.5	
125	70.4	74.1	94.6	95.4	49.0	53.6	6300	38.0		46.1		18.9	
160	63.4		83.9		44.5		8000	34.3	40.1	43.1	48.5	16.8	22.4
200	64.1		85.7		42.3		10000	31.3		39.7		16.8	
250	61.9	67.0	72.7	86.1	41.5	46.5	12500	29.2		36.1		17.1	
315	59.7		71.6		41.3		16000	24.5	31.2	32.8	38.2	18.6	23.6
400	58.3		70.7		41.2		20000	23.1		27.5		20.2	
500	58.4	63.7	64.8	72.9	42.3	47.2							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 1 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\1 AM.slm1
Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 07:14:29
Elapsed Time: 00:13:00.6

	A Weight	C Weight	Flat
Leq:	68.7 dBA	77.6 dBC	78.1 dBF
SEL:	97.6 dBA	106.6 dBC	107.1 dBF
Peak:	95.3 dBA	107.0 dBC	107.1 dBF
05-Mar-2010 07:16:54		05-Mar-2010 07:16:27	05-Mar-2010 07:16:27
Lmax (slow):	81.1 dBA	95.5 dBC	95.7 dBF
05-Mar-2010 07:16:27		05-Mar-2010 07:16:27	05-Mar-2010 07:16:27
Lmin (slow):	53.0 dBA	64.9 dBC	66.5 dBF
05-Mar-2010 07:15:35		05-Mar-2010 07:20:34	05-Mar-2010 07:20:34
Lmax (fast):	84.5 dBA	99.5 dBC	99.7 dBF
05-Mar-2010 07:16:27		05-Mar-2010 07:16:27	05-Mar-2010 07:16:27
Lmin (fast):	52.6 dBA	63.8 dBC	65.2 dBF
05-Mar-2010 07:15:35		05-Mar-2010 07:20:32	05-Mar-2010 07:20:32
Lmax (impulse):	85.2 dBA	100.4 dBC	100.5 dBF
05-Mar-2010 07:16:27		05-Mar-2010 07:16:27	05-Mar-2010 07:16:27
Lmin (impulse):	52.9 dBA	66.0 dBC	67.6 dBF
05-Mar-2010 07:15:35		05-Mar-2010 07:20:51	05-Mar-2010 07:20:51

Calibrated:	05-Mar-2010 07:12:52	Offset:	-47.9 dB
Checked:	05-Mar-2010 07:12:52	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	1		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

SLM & RTA Summary

Translated: 09-Mar-2010 11:43:49

 File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\1 PM.slm
 Model Number: 824
 Serial Number: A3176
 Firmware Rev: 4.283
 Software Version: 3.120
 Name:
 Descr1: 1021 Dirdirkson Way
 Descr2: Laguna Beach, CA 92651
 Setup: SLM&RTA.ssa
 Setup Descr: SLM & Real-Time Analyzer
 Location: 60' W of 7th St CL
 Note 1: 50' S of Lathrop RD CL
 Note 2: 170' W of Southern Pacific RR

Overall Any Data

Start Time: 05-Mar-2010 15:58:22
 Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	67.9 dBA	75.7 dBC	76.1 dBF
SEL:	96.1 dBA	103.9 dBC	104.3 dBF
Peak:	95.8 dBA	101.9 dBC	102.1 dBF
	05-Mar-2010 16:00:30	05-Mar-2010 16:00:25	05-Mar-2010 16:00:25
Lmax (slow):	80.0 dBA	90.4 dBC	90.6 dBF
	05-Mar-2010 16:00:31	05-Mar-2010 16:00:26	05-Mar-2010 16:00:26
Lmin (slow):	49.3 dBA	61.8 dBC	63.2 dBF
	05-Mar-2010 16:04:41	05-Mar-2010 16:03:14	05-Mar-2010 16:03:14
Lmax (fast):	81.8 dBA	92.9 dBC	93.1 dBF
	05-Mar-2010 16:00:31	05-Mar-2010 16:00:25	05-Mar-2010 16:00:25
Lmin (fast):	48.7 dBA	60.5 dBC	61.6 dBF
	05-Mar-2010 16:04:41	05-Mar-2010 16:03:12	05-Mar-2010 16:03:12
Lmax (impulse):	82.6 dBA	93.5 dBC	93.8 dBF
	05-Mar-2010 16:00:31	05-Mar-2010 16:00:25	05-Mar-2010 16:00:25
Lmin (impulse):	49.1 dBA	62.8 dBC	64.5 dBF
	05-Mar-2010 16:04:40	05-Mar-2010 16:03:09	05-Mar-2010 16:03:09

Spectra

Start Time: 05-Mar-2010 15:58:22 Run Time: 00:11:00.6

Freq	Leq 1/3	Leq 1/1	Max 1/3	Max 1/1	Min 1/3	Min 1/1
12.5 Hz	57.1		60.0		38.0	
16.0 Hz	57.6	62.5	65.6	67.7	39.2	43.2
20.0 Hz	58.5		61.2		38.1	
25.0 Hz	57.3		63.0		39.6	
31.5 Hz	58.0	64.7	65.1	68.9	43.2	49.2
40.0 Hz	62.5		63.9		47.2	
50.0 Hz	63.3		65.0		48.5	
63.0 Hz	65.8	71.3	74.6	82.1	47.6	53.0
80.0 Hz	68.8		81.2		48.6	
100 Hz	67.4		83.5		46.4	
125 Hz	67.8	71.7	86.0	88.2	46.1	49.9
160 Hz	65.2		75.7		41.1	
200 Hz	61.3		81.1		40.7	
250 Hz	60.2	64.9	75.7	82.7	39.8	44.0
315 Hz	58.2		72.6		35.8	
400 Hz	57.3		75.7		36.2	
500 Hz	57.6	62.9	71.5	78.2	38.0	42.5
630 Hz	59.3		71.6		38.6	

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800 Hz	60.3		73.5		37.7	
1000 Hz	60.0	64.6	72.8	77.6	37.8	42.3
1250 Hz	59.0		71.9		37.2	
1600 Hz	58.3		72.8		37.6	
2000 Hz	55.0	60.6	64.6	73.7	34.6	40.1
2500 Hz	52.1		61.1		32.3	
3150 Hz	48.6		56.7		28.1	
4000 Hz	45.3	50.9	53.0	58.8	24.3	30.0
5000 Hz	42.0		49.2		19.3	
6300 Hz	39.0		46.3		16.6	
8000 Hz	35.3	41.1	43.0	48.5	15.8	20.9
10000 Hz	31.6		38.8		16.0	
12500 Hz	27.7		35.3		16.4	
16000 Hz	24.1	30.2	31.3	37.1	17.8	22.9
20000 Hz	23.0		26.5		19.5	

Ln Start Level: 15 dB

L (1.00)	0.0
L (5.00)	0.0
L (50.00)	0.0
L (90.00)	0.0
L (95.00)	0.0
L (99.00)	0.0

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance Level 2: 120.0 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105.0 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100.0 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

Current Any Data
 Start Time: 05-Mar-2010 15:58:22
 Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	67.9 dBA	75.7 dBC	76.1 dBF
SEL:	96.1 dBA	103.9 dBC	104.3 dBF
Peak:	95.8 dBA	101.9 dBC	102.1 dBF
	05-Mar-2010 16:00:30	05-Mar-2010 16:00:25	05-Mar-2010 16:00:25
Lmax (slow):	80.0 dBA	90.4 dBC	90.6 dBF
	05-Mar-2010 16:00:31	05-Mar-2010 16:00:26	05-Mar-2010 16:00:26
Lmin (slow):	49.3 dBA	61.8 dBC	63.2 dBF
	05-Mar-2010 16:04:41	05-Mar-2010 16:03:14	05-Mar-2010 16:03:14
Lmax (fast):	81.8 dBA	92.9 dBC	93.1 dBF
	05-Mar-2010 16:00:31	05-Mar-2010 16:00:25	05-Mar-2010 16:00:25
Lmin (fast):	48.7 dBA	60.5 dBC	61.6 dBF
	05-Mar-2010 16:04:41	05-Mar-2010 16:03:12	05-Mar-2010 16:03:12
Lmax (impulse):	82.6 dBA	93.5 dBC	93.8 dBF
	05-Mar-2010 16:00:31	05-Mar-2010 16:00:25	05-Mar-2010 16:00:25
Lmin (impulse):	49.1 dBA	62.8 dBC	64.5 dBF
	05-Mar-2010 16:04:40	05-Mar-2010 16:03:09	05-Mar-2010 16:03:09

Calibrated: 05-Mar-2010 14:20:42 Offset: -48.5 dB
 Checked: 05-Mar-2010 14:20:42 Level: 94.0 dB
 Calibrator not set Level: 94.0 dB

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Cal Records Count: 0

Interval Records: Di sabl ed
Ti me Hi story: Di sabl ed

Run/Stop Records:

Number Interval Records: 0
Number Hi story Records: 0
Number Run/Stop Records: 2

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\2AM.slm1
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rta.ssa / SLM & Real-Time Analyzer
 Location: 2416 Lathrop Rd
 Notel: 40' S of Lathrop Rd
 Note2: 510' W of Airport Way

Overall Any Data

Start Time: 05-Mar-2010 07:32:17
 Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	71.5 dBA	77.2 dBC	77.8 dBF
SEL:	99.7 dBA	105.5 dBC	106.0 dBF
Peak:	98.6 dBA	103.4 dBC	103.9 dBF
05-Mar-2010 07:38:06		05-Mar-2010 07:38:03	05-Mar-2010 07:38:04
Lmax (slow):	82.6 dBA	94.3 dBC	94.4 dBF
05-Mar-2010 07:40:02		05-Mar-2010 07:38:04	05-Mar-2010 07:38:04
Lmin (slow):	50.7 dBA	63.3 dBC	64.6 dBF
05-Mar-2010 07:33:08		05-Mar-2010 07:36:47	05-Mar-2010 07:36:48
Lmax (fast):	85.2 dBA	96.5 dBC	96.6 dBF
05-Mar-2010 07:40:01		05-Mar-2010 07:38:03	05-Mar-2010 07:38:03
Lmin (fast):	49.9 dBA	62.0 dBC	63.1 dBF
05-Mar-2010 07:33:07		05-Mar-2010 07:36:50	05-Mar-2010 07:36:50
Lmax (impulse):	85.8 dBA	97.2 dBC	97.4 dBF
05-Mar-2010 07:40:01		05-Mar-2010 07:38:03	05-Mar-2010 07:38:03
Lmin (impulse):	50.3 dBA	64.3 dBC	65.6 dBF
05-Mar-2010 07:33:08		05-Mar-2010 07:36:47	05-Mar-2010 07:36:48

Spectra

Date: 05-Mar-2010
 Time: 07:32:17
 Run Time: 00:11:00.6

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	62.7		62.3		40.8		630	62.7		74.1		39.5	
16.0	63.2	67.7	65.6	71.5	43.7	47.6	800	64.6		80.4		40.2	
20.0	63.0		69.5		43.5		1000	64.0	68.5	75.4	81.9	40.8	45.0
25.0	64.3		64.3		46.1		1250	62.4		70.6		39.6	
31.5	64.1	68.5	69.9	71.8	45.1	50.2	1600	61.9		68.1		36.8	
40.0	62.7		64.1		45.0		2000	59.4	64.4	65.5	70.5	31.4	38.3
50.0	64.8		69.1		48.1		2500	55.4		61.2		27.5	
63.0	65.7	70.4	66.8	72.4	50.5	54.8	3150	51.9		58.6		22.7	
80.0	66.3		66.6		50.9		4000	48.1	54.0	55.7	61.1	19.3	25.3
100	69.8		66.6		47.9		5000	44.8		53.0		18.4	
125	69.7	73.3	66.7	70.7	46.3	50.9	6300	41.9		50.9		17.5	
160	63.7		63.9		43.0		8000	37.6	43.7	46.9	52.7	16.9	22.0
200	62.2		64.5		39.3		10000	32.9		41.3		17.4	
250	62.6	66.6	62.5	74.1	38.2	43.6	12500	28.3		36.8		17.7	
315	60.3		73.2		38.8		16000	27.4	31.6	32.3	38.5	19.2	24.2
400	61.1		80.8		38.1		20000	23.4		27.8		20.8	
500	62.0	66.8	76.0	82.7	38.8	43.6							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\2AM.slmdl
 Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 07:32:17
 Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	71.5 dBA	77.2 dBC	77.8 dBF
SEL:	99.7 dBA	105.5 dBC	106.0 dBF
Peak:	98.6 dBA	103.4 dBC	103.9 dBF
05-Mar-2010 07:38:06		05-Mar-2010 07:38:03	05-Mar-2010 07:38:04
Lmax (slow):	82.6 dBA	94.3 dBC	94.4 dBF
05-Mar-2010 07:40:02		05-Mar-2010 07:38:04	05-Mar-2010 07:38:04
Lmin (slow):	50.7 dBA	63.3 dBC	64.6 dBF
05-Mar-2010 07:33:08		05-Mar-2010 07:36:47	05-Mar-2010 07:36:48
Lmax (fast):	85.2 dBA	96.5 dBC	96.6 dBF
05-Mar-2010 07:40:01		05-Mar-2010 07:38:03	05-Mar-2010 07:38:03
Lmin (fast):	49.9 dBA	62.0 dBC	63.1 dBF
05-Mar-2010 07:33:07		05-Mar-2010 07:36:50	05-Mar-2010 07:36:50
Lmax (impulse):	85.8 dBA	97.2 dBC	97.4 dBF
05-Mar-2010 07:40:01		05-Mar-2010 07:38:03	05-Mar-2010 07:38:03
Lmin (impulse):	50.3 dBA	64.3 dBC	65.6 dBF
05-Mar-2010 07:33:08		05-Mar-2010 07:36:47	05-Mar-2010 07:36:48

Calibrated:	05-Mar-2010 07:12:52	Offset:	-47.9 dB
Checked:	05-Mar-2010 07:12:52	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\2 PM.slm_{dl}
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rt.a.ssa / SLM & Real-Time Analyzer
 Location: 2416 Lathrop Rd
 Notel: 40' S of Lathrop Rd
 Note2: 510' W of Airport Way

Overall Any Data

Start Time: 05-Mar-2010 16:15:20
 Elapsed Time: 00:12:00.6

	A Weight	C Weight	Flat
Leq:	72.2 dBA	79.6 dBC	79.8 dBF
SEL:	100.8 dBA	108.2 dBC	108.4 dBF
Peak:	107.2 dBA	114.6 dBC	114.1 dBF
	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28
Lmax (slow):	91.4 dBA	100.4 dBC	100.5 dBF
	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28
Lmin (slow):	48.9 dBA	60.8 dBC	61.9 dBF
	05-Mar-2010 16:19:36	05-Mar-2010 16:24:00	05-Mar-2010 16:24:00
Lmax (fast):	94.2 dBA	103.5 dBC	103.6 dBF
	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28
Lmin (fast):	47.3 dBA	59.5 dBC	60.7 dBF
	05-Mar-2010 16:19:35	05-Mar-2010 16:24:00	05-Mar-2010 16:24:00
Lmax (impulse):	94.7 dBA	104.4 dBC	104.5 dBF
	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28
Lmin (impulse):	49.2 dBA	61.6 dBC	62.8 dBF
	05-Mar-2010 16:19:36	05-Mar-2010 16:24:02	05-Mar-2010 16:24:02

Spectra

Date: 05-Mar-2010
 Time: 16:15:20
 Run Time: 00:12:00.6

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	55.3		62.2		37.1		630	62.8		78.9		35.6	
16.0	57.2	61.2	56.8	67.5	38.1	43.5	800	64.3		78.0		37.0	
20.0	56.5		65.5		40.4		1000	63.9	68.4	75.9	81.0	38.6	42.7
25.0	57.5		63.8		42.3		1250	62.6		73.8		37.9	
31.5	60.2	66.3	76.8	82.1	43.2	47.7	1600	62.1		73.5		36.3	
40.0	64.3		80.5		43.2		2000	59.4	64.6	72.3	77.1	32.9	38.3
50.0	66.6		77.4		44.5		2500	55.8		70.7		27.8	
63.0	69.6	74.8	90.8	91.8	45.6	50.8	3150	52.5		69.0		23.7	
80.0	72.2		84.3		47.5		4000	50.0	55.2	70.1	75.1	20.7	26.1
100	71.4		93.0		44.8		5000	47.5		71.6		17.5	
125	68.9	75.0	94.3	100.4	43.1	47.7	6300	45.1		67.7		15.8	
160	69.9		98.0		39.3		8000	42.8	47.9	63.3	69.9	15.8	20.7
200	68.4		94.3		37.3		10000	39.8		62.2		16.3	
250	66.4	71.5	88.8	96.7	34.3	39.9	12500	36.3		56.7		16.6	
315	64.5		90.7		32.5		16000	34.0	38.6	54.3	59.2	18.1	23.1
400	64.4		91.8		32.8		20000	26.7		49.5		19.7	
500	64.0	68.6	89.8	94.1	34.4	39.2							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 1 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 1 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 1 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\2 PM.slm1
 Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 16:15:20
 Elapsed Time: 00:12:00.6

	A Weight	C Weight	Flat
Leq:	72.2 dBA	79.6 dBC	79.8 dBF
SEL:	100.8 dBA	108.2 dBC	108.4 dBF
Peak:	107.2 dBA	114.6 dBC	114.1 dBF
	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28
Lmax (slow):	91.4 dBA	100.4 dBC	100.5 dBF
	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28
Lmin (slow):	48.9 dBA	60.8 dBC	61.9 dBF
	05-Mar-2010 16:19:36	05-Mar-2010 16:24:00	05-Mar-2010 16:24:00
Lmax (fast):	94.2 dBA	103.5 dBC	103.6 dBF
	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28
Lmin (fast):	47.3 dBA	59.5 dBC	60.7 dBF
	05-Mar-2010 16:19:35	05-Mar-2010 16:24:00	05-Mar-2010 16:24:00
Lmax (impulse):	94.7 dBA	104.4 dBC	104.5 dBF
	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28	05-Mar-2010 16:26:28
Lmin (impulse):	49.2 dBA	61.6 dBC	62.8 dBF
	05-Mar-2010 16:19:36	05-Mar-2010 16:24:02	05-Mar-2010 16:24:02

Calibrated:	05-Mar-2010 14:20:42	Offset:	-48.5 dB
Checked:	05-Mar-2010 14:20:42	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\3AM.slm1
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rtta.ssa / SLM & Real-Time Analyzer
 Location: 70' E of Airport Way CL
 Notel: 255' N of Lathrop Rd CL
 Note2:

Overall Any Data

Start Time: 05-Mar-2010 07:46:58
 Elapsed Time: 00:10:00.3

	A Weight	C Weight	Flat
Leq:	65.0 dBA	78.0 dBC	78.6 dBF
SEL:	92.8 dBA	105.8 dBC	106.4 dBF
Peak:	95.1 dBA	101.0 dBC	100.3 dBF
05-Mar-2010 07:49:03	05-Mar-2010 07:49:03	05-Mar-2010 07:49:02	05-Mar-2010 07:49:02
Lmax (slow):	78.3 dBA	90.3 dBC	90.7 dBF
05-Mar-2010 07:49:03	05-Mar-2010 07:49:03	05-Mar-2010 07:49:06	05-Mar-2010 07:49:06
Lmin (slow):	54.4 dBA	65.3 dBC	66.5 dBF
05-Mar-2010 07:49:48	05-Mar-2010 07:49:48	05-Mar-2010 07:49:53	05-Mar-2010 07:49:52
Lmax (fast):	81.1 dBA	91.7 dBC	92.1 dBF
05-Mar-2010 07:49:03	05-Mar-2010 07:56:26	05-Mar-2010 07:56:26	05-Mar-2010 07:56:26
Lmin (fast):	53.4 dBA	63.7 dBC	64.8 dBF
05-Mar-2010 07:49:48	05-Mar-2010 07:49:49	05-Mar-2010 07:49:49	05-Mar-2010 07:49:49
Lmax (impulse):	83.2 dBA	92.6 dBC	93.0 dBF
05-Mar-2010 07:49:03	05-Mar-2010 07:56:26	05-Mar-2010 07:56:26	05-Mar-2010 07:56:26
Lmin (impulse):	53.7 dBA	65.9 dBC	67.4 dBF
05-Mar-2010 07:55:18	05-Mar-2010 07:49:51	05-Mar-2010 07:49:51	05-Mar-2010 07:49:52

Spectra

Date: 05-Mar-2010
 Time: 07:46:58
 Run Time: 00:10:00.3

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	57.6		73.2		38.7		630	55.7		71.7		42.7	
16.0	59.7	63.8	71.6	76.0	40.9	46.1	800	56.4		68.8		44.3	
20.0	59.4		66.7		43.3		1000	55.6	60.3	70.4	73.7	44.4	48.4
25.0	60.5		75.1		43.0		1250	54.3		66.8		41.9	
31.5	62.3	68.3	72.8	78.0	44.2	49.7	1600	54.0		67.8		41.4	
40.0	65.9		70.8		46.7		2000	52.1	57.2	68.6	73.1	37.7	43.4
50.0	64.9		77.6		47.9		2500	50.7		68.6		33.6	
63.0	70.8	76.6	82.7	91.6	51.4	55.0	3150	47.9		68.7		28.8	
80.0	74.9		90.8		50.6		4000	45.5	50.7	68.0	72.9	25.2	31.0
100	69.8		79.5		48.8		5000	43.2		67.5		22.1	
125	66.8	72.0	74.0	81.8	48.0	52.3	6300	40.8		67.6		19.0	
160	61.7		75.5		44.8		8000	38.8	43.8	67.5	71.7	18.2	23.1
200	59.0		68.6		42.3		10000	36.4		65.4		17.7	
250	58.0	62.3	71.9	75.5	38.9	44.8	12500	35.0		61.6		18.0	
315	54.2		71.0		37.2		16000	30.0	36.6	58.6	63.7	19.4	24.4
400	56.1		73.6		38.3		20000	25.7		52.3		21.0	
500	57.4	61.2	75.1	78.5	41.4	45.9							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\3AM.slmdl
Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 07:46:58
Elapsed Time: 00:10:00.3

	A Weight	C Weight	Flat
Leq:	65.0 dBA	78.0 dBC	78.6 dBF
SEL:	92.8 dBA	105.8 dBC	106.4 dBF
Peak:	95.1 dBA	101.0 dBC	100.3 dBF
05-Mar-2010 07:49:03		05-Mar-2010 07:49:02	05-Mar-2010 07:49:02
Lmax (slow):	78.3 dBA	90.3 dBC	90.7 dBF
05-Mar-2010 07:49:03		05-Mar-2010 07:49:06	05-Mar-2010 07:49:06
Lmin (slow):	54.4 dBA	65.3 dBC	66.5 dBF
05-Mar-2010 07:49:48		05-Mar-2010 07:49:53	05-Mar-2010 07:49:52
Lmax (fast):	81.1 dBA	91.7 dBC	92.1 dBF
05-Mar-2010 07:49:03		05-Mar-2010 07:56:26	05-Mar-2010 07:56:26
Lmin (fast):	53.4 dBA	63.7 dBC	64.8 dBF
05-Mar-2010 07:49:48		05-Mar-2010 07:49:49	05-Mar-2010 07:49:49
Lmax (impulse):	83.2 dBA	92.6 dBC	93.0 dBF
05-Mar-2010 07:49:03		05-Mar-2010 07:56:26	05-Mar-2010 07:56:26
Lmin (impulse):	53.7 dBA	65.9 dBC	67.4 dBF
05-Mar-2010 07:55:18		05-Mar-2010 07:49:51	05-Mar-2010 07:49:52

Calibrated:	05-Mar-2010 07:12:52	Offset:	-47.9 dB
Checked:	05-Mar-2010 07:12:52	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\3 PM.slmddl
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rtta.ssa / SLM & Real-Time Analyzer
 Location: 70' E of Airport Way CL
 Notel: 255' N of Lathrop Rd CL
 Note2:

Overall Any Data

Start Time: 05-Mar-2010 16:47:48
 Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	62.2 dBA	73.9 dBC	74.5 dBF
SEL:	90.4 dBA	102.1 dBC	102.7 dBF
Peak:	89.6 dBA	95.9 dBC	95.6 dBF
05-Mar-2010 16:57:56	05-Mar-2010 16:53:31	05-Mar-2010 16:53:31	
Lmax (slow):	73.9 dBA	84.5 dBC	84.7 dBF
05-Mar-2010 16:53:32	05-Mar-2010 16:57:37	05-Mar-2010 16:57:37	
Lmin (slow):	47.7 dBA	62.7 dBC	63.9 dBF
05-Mar-2010 16:51:03	05-Mar-2010 16:51:03	05-Mar-2010 16:50:58	
Lmax (fast):	75.3 dBA	87.8 dBC	87.9 dBF
05-Mar-2010 16:53:32	05-Mar-2010 16:57:37	05-Mar-2010 16:57:37	
Lmin (fast):	47.2 dBA	59.6 dBC	61.0 dBF
05-Mar-2010 16:51:03	05-Mar-2010 16:50:58	05-Mar-2010 16:50:58	
Lmax (impulse):	75.8 dBA	88.8 dBC	88.9 dBF
05-Mar-2010 16:53:32	05-Mar-2010 16:57:37	05-Mar-2010 16:57:37	
Lmin (impulse):	47.9 dBA	63.4 dBC	64.3 dBF
05-Mar-2010 16:51:03	05-Mar-2010 16:52:41	05-Mar-2010 16:52:42	

Spectra

Date: 05-Mar-2010
 Time: 16:47:48
 Run Time: 00:11:00.6

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	54.9		67.2		36.2		630	51.2		66.4		33.5	
16.0	56.4	61.2	63.2	70.8	36.2	41.1	800	52.9		64.6		35.7	
20.0	57.5		66.6		36.7		1000	53.1	57.6	63.6	68.4	36.1	40.7
25.0	59.1		68.2		41.4		1250	52.4		62.6		36.0	
31.5	59.5	64.6	68.1	73.8	42.8	48.3	1600	52.3		62.3		34.9	
40.0	60.6		70.3		45.5		2000	50.0	55.4	59.8	65.5	31.9	37.2
50.0	63.4		77.7		46.7		2500	48.8		59.4		27.7	
63.0	66.7	71.0	76.5	82.3	46.5	51.5	3150	45.4		57.1		23.5	
80.0	67.5		78.3		47.1		4000	42.6	47.9	56.8	61.4	20.2	25.9
100	65.5		73.9		47.4		5000	39.5		56.0		17.8	
125	66.6	70.1	75.7	79.2	44.0	49.6	6300	38.1		52.5		16.4	
160	63.4		73.3		40.1		8000	35.9	40.7	48.4	54.6	16.3	21.2
200	59.3		75.3		37.2		10000	31.7		45.9		16.5	
250	55.4	61.1	73.3	77.7	33.3	38.9	12500	30.0		42.7		16.8	
315	49.5		64.8		25.4		16000	26.6	32.3	38.6	44.3	18.2	23.3
400	48.2		64.8		29.0		20000	23.8		29.1		19.9	
500	49.4	54.5	64.5	70.1	30.6	36.2							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\3 PM.slm1
 Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 16:47:48
 Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	62.2 dBA	73.9 dBC	74.5 dBF
SEL:	90.4 dBA	102.1 dBC	102.7 dBF
Peak:	89.6 dBA	95.9 dBC	95.6 dBF
05-Mar-2010 16:57:56	05-Mar-2010 16:53:31	05-Mar-2010 16:53:31	
Lmax (slow):	73.9 dBA	84.5 dBC	84.7 dBF
05-Mar-2010 16:53:32	05-Mar-2010 16:57:37	05-Mar-2010 16:57:37	
Lmin (slow):	47.7 dBA	62.7 dBC	63.9 dBF
05-Mar-2010 16:51:03	05-Mar-2010 16:51:03	05-Mar-2010 16:50:58	
Lmax (fast):	75.3 dBA	87.8 dBC	87.9 dBF
05-Mar-2010 16:53:32	05-Mar-2010 16:57:37	05-Mar-2010 16:57:37	
Lmin (fast):	47.2 dBA	59.6 dBC	61.0 dBF
05-Mar-2010 16:51:03	05-Mar-2010 16:50:58	05-Mar-2010 16:50:58	
Lmax (impulse):	75.8 dBA	88.8 dBC	88.9 dBF
05-Mar-2010 16:53:32	05-Mar-2010 16:57:37	05-Mar-2010 16:57:37	
Lmin (impulse):	47.9 dBA	63.4 dBC	64.3 dBF
05-Mar-2010 16:51:03	05-Mar-2010 16:52:41	05-Mar-2010 16:52:42	

Calibrated:	05-Mar-2010 14:20:42	Offset:	-48.5 dB
Checked:	05-Mar-2010 14:20:42	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\4AM.slm1
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rtta.ssa / SLM & Real-Time Analyzer
 Location: 13170 Airport Way
 Notel: 110' E of Airport Way CL
 Note2: 1,700' S of Lovelace Rd

Overall Any Data

Start Time: 05-Mar-2010 08:02:09
 Elapsed Time: 00:12:00.8

	A Weight	C Weight	Flat
Leq:	63.2 dBA	72.2 dBC	72.9 dBF
SEL:	91.8 dBA	100.8 dBC	101.5 dBF
Peak:	90.5 dBA	97.4 dBC	97.4 dBF
05-Mar-2010 08:06:21	05-Mar-2010 08:06:21	05-Mar-2010 08:06:21	
Lmax (slow):	76.0 dBA	86.0 dBC	86.2 dBF
05-Mar-2010 08:06:21	05-Mar-2010 08:07:09	05-Mar-2010 08:07:09	
Lmin (slow):	47.1 dBA	60.9 dBC	62.3 dBF
05-Mar-2010 08:08:46	05-Mar-2010 08:02:10	05-Mar-2010 08:02:10	
Lmax (fast):	78.9 dBA	87.9 dBC	88.2 dBF
05-Mar-2010 08:12:24	05-Mar-2010 08:07:08	05-Mar-2010 08:07:08	
Lmin (fast):	45.3 dBA	60.5 dBC	62.0 dBF
05-Mar-2010 08:08:44	05-Mar-2010 08:08:00	05-Mar-2010 08:08:38	
Lmax (impulse):	79.7 dBA	88.8 dBC	89.0 dBF
05-Mar-2010 08:12:23	05-Mar-2010 08:07:08	05-Mar-2010 08:07:08	
Lmin (impulse):	47.2 dBA	61.2 dBC	62.6 dBF
05-Mar-2010 08:08:53	05-Mar-2010 08:02:10	05-Mar-2010 08:02:09	

Spectra

Date: 05-Mar-2010
 Time: 08:02:09
 Run Time: 00:12:00.8

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	57.6		66.1		38.6		630	53.9		69.5		34.7	
16.0	60.2	64.2	74.7	77.4	42.7	47.3	800	54.7		68.7		35.4	
20.0	60.1		73.3		44.5		1000	54.6	59.2	66.9	72.4	34.0	38.9
25.0	58.7		67.1		45.7		1250	54.0		67.1		32.5	
31.5	58.3	64.2	70.2	75.7	46.2	50.4	1600	53.8		66.8		29.9	
40.0	60.9		73.4		45.0		2000	51.2	56.3	62.5	68.6	26.0	32.3
50.0	59.8		70.8		46.0		2500	47.7		58.1		25.3	
63.0	65.2	68.4	69.6	81.0	47.6	52.4	3150	45.4		55.2		26.8	
80.0	64.3		80.2		48.8		4000	46.3	49.7	52.5	57.6	24.2	29.4
100	64.6		70.8		43.2		5000	41.9		47.9		21.0	
125	64.0	67.9	81.4	82.0	42.6	46.8	6300	37.6		47.3		18.3	
160	58.6		69.2		39.6		8000	35.3	40.1	46.2	50.0	18.0	22.8
200	57.0		74.4		37.2		10000	30.4		37.4		17.7	
250	56.2	60.5	72.7	78.3	35.7	40.7	12500	25.7		31.6		18.2	
315	53.2		73.2		34.5		16000	22.5	28.5	26.0	33.2	19.3	24.5
400	51.9		67.3		34.2		20000	22.2		23.7		21.1	
500	53.8	58.1	67.8	73.1	34.3	39.2							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\4AM.slmdl
 Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 08:02:09
 Elapsed Time: 00:12:00.8

	A Weight	C Weight	Flat
Leq:	63.2 dBA	72.2 dBC	72.9 dBF
SEL:	91.8 dBA	100.8 dBC	101.5 dBF
Peak:	90.5 dBA	97.4 dBC	97.4 dBF
05-Mar-2010 08:06:21	05-Mar-2010 08:06:21	05-Mar-2010 08:06:21	05-Mar-2010 08:06:21
Lmax (slow):	76.0 dBA	86.0 dBC	86.2 dBF
05-Mar-2010 08:06:21	05-Mar-2010 08:06:21	05-Mar-2010 08:07:09	05-Mar-2010 08:07:09
Lmin (slow):	47.1 dBA	60.9 dBC	62.3 dBF
05-Mar-2010 08:08:46	05-Mar-2010 08:02:10	05-Mar-2010 08:02:10	05-Mar-2010 08:02:10
Lmax (fast):	78.9 dBA	87.9 dBC	88.2 dBF
05-Mar-2010 08:12:24	05-Mar-2010 08:07:08	05-Mar-2010 08:07:08	05-Mar-2010 08:07:08
Lmin (fast):	45.3 dBA	60.5 dBC	62.0 dBF
05-Mar-2010 08:08:44	05-Mar-2010 08:08:00	05-Mar-2010 08:08:00	05-Mar-2010 08:08:38
Lmax (impulse):	79.7 dBA	88.8 dBC	89.0 dBF
05-Mar-2010 08:12:23	05-Mar-2010 08:07:08	05-Mar-2010 08:07:08	05-Mar-2010 08:07:08
Lmin (impulse):	47.2 dBA	61.2 dBC	62.6 dBF
05-Mar-2010 08:08:53	05-Mar-2010 08:02:10	05-Mar-2010 08:02:10	05-Mar-2010 08:02:09

Calibrated:	05-Mar-2010 07:12:52	Offset:	-47.9 dB
Checked:	05-Mar-2010 07:12:52	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\4 PM.slm_{dl}
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rt.a.ssa / SLM & Real-Time Analyzer
 Location: 13170 Airport Way
 Notel: 110' E of Airport Way
 Note2: 1,700' S of Lovelace Rd

Overall Any Data

Start Time: 05-Mar-2010 17:02:54
 Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	63.0 dBA	70.2 dBC	70.9 dBF
SEL:	91.2 dBA	98.4 dBC	99.1 dBF
Peak:	87.5 dBA	96.3 dBC	96.8 dBF
05-Mar-2010 17:12:22		05-Mar-2010 17:08:42	05-Mar-2010 17:08:42
Lmax (slow):	73.7 dBA	84.3 dBC	84.7 dBF
05-Mar-2010 17:08:44		05-Mar-2010 17:08:41	05-Mar-2010 17:08:41
Lmin (slow):	44.6 dBA	60.5 dBC	62.0 dBF
05-Mar-2010 17:05:52		05-Mar-2010 17:05:54	05-Mar-2010 17:11:20
Lmax (fast):	76.1 dBA	87.4 dBC	87.8 dBF
05-Mar-2010 17:09:33		05-Mar-2010 17:08:41	05-Mar-2010 17:08:41
Lmin (fast):	42.9 dBA	58.8 dBC	59.9 dBF
05-Mar-2010 17:05:51		05-Mar-2010 17:05:53	05-Mar-2010 17:05:53
Lmax (impulse):	76.4 dBA	88.4 dBC	88.7 dBF
05-Mar-2010 17:09:33		05-Mar-2010 17:08:41	05-Mar-2010 17:08:41
Lmin (impulse):	45.0 dBA	61.2 dBC	62.8 dBF
05-Mar-2010 17:05:52		05-Mar-2010 17:11:20	05-Mar-2010 17:11:20

Spectra

Date: 05-Mar-2010
 Time: 17:02:54
 Run Time: 00:11:00.6

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	57.7		83.3		32.3		630	54.1		69.7		31.2	
16.0	58.4	63.2	73.3	84.6	41.0	46.0	800	55.5		65.5		32.8	
20.0	59.1		77.4		44.0		1000	55.2	59.8	65.8	69.6	31.5	36.5
25.0	59.3		72.0		43.7		1250	54.2		62.5		30.5	
31.5	57.8	62.9	73.8	76.7	42.6	47.4	1600	53.5		63.0		26.9	
40.0	56.9		68.6		41.4		2000	50.3	55.9	59.0	65.2	22.9	29.7
50.0	58.2		71.8		45.0		2500	47.5		57.0		23.8	
63.0	59.1	65.9	72.9	79.2	43.6	48.7	3150	44.6		55.4		25.9	
80.0	63.8		76.8		42.9		4000	42.5	47.3	53.6	58.5	25.0	29.3
100	61.2		72.7		46.5		5000	38.7		51.2		21.8	
125	60.5	64.7	78.7	80.9	37.8	47.3	6300	34.3		46.1		17.0	
160	57.3		74.9		34.7		8000	30.5	36.2	42.8	48.1	16.5	21.5
200	57.0		76.8		34.0		10000	25.8		37.2		16.7	
250	55.2	60.0	73.3	79.1	29.5	36.3	12500	21.7		32.5		17.0	
315	52.5		70.6		29.5		16000	20.2	25.7	24.7	33.5	18.4	23.4
400	52.0		68.1		31.3		20000	20.9		22.0		20.0	
500	52.5	57.7	65.2	72.8	31.1	36.0							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\4 PM.slm1
Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 17:02:54
Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	63.0 dBA	70.2 dBC	70.9 dBF
SEL:	91.2 dBA	98.4 dBC	99.1 dBF
Peak:	87.5 dBA	96.3 dBC	96.8 dBF
05-Mar-2010 17:12:22		05-Mar-2010 17:08:42	05-Mar-2010 17:08:42
Lmax (slow):	73.7 dBA	84.3 dBC	84.7 dBF
05-Mar-2010 17:08:44		05-Mar-2010 17:08:41	05-Mar-2010 17:08:41
Lmin (slow):	44.6 dBA	60.5 dBC	62.0 dBF
05-Mar-2010 17:05:52		05-Mar-2010 17:05:54	05-Mar-2010 17:11:20
Lmax (fast):	76.1 dBA	87.4 dBC	87.8 dBF
05-Mar-2010 17:09:33		05-Mar-2010 17:08:41	05-Mar-2010 17:08:41
Lmin (fast):	42.9 dBA	58.8 dBC	59.9 dBF
05-Mar-2010 17:05:51		05-Mar-2010 17:05:53	05-Mar-2010 17:05:53
Lmax (impulse):	76.4 dBA	88.4 dBC	88.7 dBF
05-Mar-2010 17:09:33		05-Mar-2010 17:08:41	05-Mar-2010 17:08:41
Lmin (impulse):	45.0 dBA	61.2 dBC	62.8 dBF
05-Mar-2010 17:05:52		05-Mar-2010 17:11:20	05-Mar-2010 17:11:20

Calibrated:	05-Mar-2010 14:20:42	Offset:	-48.5 dB
Checked:	05-Mar-2010 14:20:42	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\5AM.slm1
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rt.a.ssa / SLM & Real-Time Analyzer
 Location: 11630 Airport Way
 Notel: 100' E of Airport Way CL
 Note2: 185' S of Roth Rd CL

Overall Any Data

Start Time: 05-Mar-2010 08:19:36
 Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	62.6 dBA	73.6 dBC	74.3 dBF
SEL:	90.8 dBA	101.8 dBC	102.5 dBF
Peak:	90.6 dBA	98.7 dBC	98.0 dBF
05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	
Lmax (slow):	76.4 dBA	86.6 dBC	87.1 dBF
05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:08	
Lmin (slow):	47.6 dBA	64.0 dBC	65.7 dBF
05-Mar-2010 08:21:04	05-Mar-2010 08:25:08	05-Mar-2010 08:25:08	
Lmax (fast):	78.0 dBA	88.5 dBC	89.0 dBF
05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	
Lmin (fast):	47.3 dBA	62.5 dBC	64.4 dBF
05-Mar-2010 08:21:03	05-Mar-2010 08:24:46	05-Mar-2010 08:25:08	
Lmax (impulse):	78.7 dBA	89.0 dBC	89.3 dBF
05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	
Lmin (impulse):	47.8 dBA	64.6 dBC	66.9 dBF
05-Mar-2010 08:21:03	05-Mar-2010 08:25:08	05-Mar-2010 08:25:08	

Spectra

Date: 05-Mar-2010
 Time: 08:19:36
 Run Time: 00:11:00.6

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	58.3		67.3		39.0		630	54.1		71.2		37.4	
16.0	62.5	65.6	70.1	73.7	45.8	49.2	800	54.3		69.5		38.3	
20.0	60.8		69.0		45.7		1000	52.9	57.8	64.5	71.9	37.1	41.5
25.0	60.2		67.2		46.1		1250	51.3		65.7		33.8	
31.5	60.1	65.0	67.3	71.4	46.4	51.4	1600	51.5		64.0		32.4	
40.0	60.5		64.9		47.2		2000	49.2	54.4	60.2	66.8	27.7	34.1
50.0	62.0		63.4		49.4		2500	47.2		61.0		24.0	
63.0	66.7	69.6	86.4	86.5	51.6	55.1	3150	44.4		58.1		21.1	
80.0	64.7		70.7		49.7		4000	42.6	47.4	60.2	63.5	18.4	23.9
100	65.6		69.3		46.3		5000	39.7		57.4		16.9	
125	67.0	70.1	78.1	79.0	47.1	50.8	6300	36.7		53.3		16.9	
160	61.9		68.2		44.2		8000	33.6	40.0	49.8	55.5	17.1	22.1
200	57.4		71.7		42.1		10000	34.8		46.8		17.8	
250	56.7	61.6	74.8	76.8	39.0	44.6	12500	26.6		38.8		17.8	
315	56.3		64.6		36.5		16000	23.4	29.2	32.7	39.9	19.4	24.3
400	53.6		64.0		35.8		20000	22.1		26.1		20.9	
500	54.0	58.7	73.2	75.6	36.9	41.5							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\5AM.slmdl
Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 08:19:36
Elapsed Time: 00:11:00.6

	A Weight	C Weight	Flat
Leq:	62.6 dBA	73.6 dBC	74.3 dBF
SEL:	90.8 dBA	101.8 dBC	102.5 dBF
Peak:	90.6 dBA	98.7 dBC	98.0 dBF
05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07
Lmax (slow):	76.4 dBA	86.6 dBC	87.1 dBF
05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:08
Lmin (slow):	47.6 dBA	64.0 dBC	65.7 dBF
05-Mar-2010 08:21:04	05-Mar-2010 08:25:08	05-Mar-2010 08:25:08	05-Mar-2010 08:25:08
Lmax (fast):	78.0 dBA	88.5 dBC	89.0 dBF
05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07
Lmin (fast):	47.3 dBA	62.5 dBC	64.4 dBF
05-Mar-2010 08:21:03	05-Mar-2010 08:24:46	05-Mar-2010 08:25:08	05-Mar-2010 08:25:08
Lmax (impulse):	78.7 dBA	89.0 dBC	89.3 dBF
05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07	05-Mar-2010 08:22:07
Lmin (impulse):	47.8 dBA	64.6 dBC	66.9 dBF
05-Mar-2010 08:21:03	05-Mar-2010 08:25:08	05-Mar-2010 08:25:08	05-Mar-2010 08:25:08

Calibrated:	05-Mar-2010 07:12:52	Offset:	-47.9 dB
Checked:	05-Mar-2010 07:12:52	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\5 PM.slmddl
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rt.a.ssa / SLM & Real-Time Analyzer
 Location: 11630 Airport Way
 Notel: 100' E of Airport Way CL
 Note2: 185' S of Roth Rd CL

Overall Any Data

Start Time: 05-Mar-2010 17:17:12
 Elapsed Time: 00:11:00.1

	A Weight	C Weight	Flat
Leq:	61.1 dBA	71.8 dBC	72.5 dBF
SEL:	89.3 dBA	100.0 dBC	100.7 dBF
Peak:	88.5 dBA	93.7 dBC	95.7 dBF
05-Mar-2010 17:25:57		05-Mar-2010 17:27:08	05-Mar-2010 17:27:08
Lmax (slow):	76.2 dBA	82.8 dBC	83.0 dBF
05-Mar-2010 17:25:58		05-Mar-2010 17:27:58	05-Mar-2010 17:27:58
Lmin (slow):	41.8 dBA	59.7 dBC	62.1 dBF
05-Mar-2010 17:26:26		05-Mar-2010 17:26:33	05-Mar-2010 17:26:13
Lmax (fast):	78.9 dBA	84.9 dBC	85.1 dBF
05-Mar-2010 17:25:57		05-Mar-2010 17:27:58	05-Mar-2010 17:27:58
Lmin (fast):	41.1 dBA	58.0 dBC	60.0 dBF
05-Mar-2010 17:26:25		05-Mar-2010 17:26:33	05-Mar-2010 17:26:30
Lmax (impulse):	80.2 dBA	85.7 dBC	87.3 dBF
05-Mar-2010 17:25:57		05-Mar-2010 17:27:58	05-Mar-2010 17:27:08
Lmin (impulse):	41.5 dBA	60.4 dBC	62.7 dBF
05-Mar-2010 17:26:25		05-Mar-2010 17:26:30	05-Mar-2010 17:26:13

Spectra

Date: 05-Mar-2010
 Time: 17:17:12
 Run Time: 00:11:00.1

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	60.8		68.0		48.7		630	53.0		69.1		30.7	
16.0	57.1	63.5	69.2	73.3	38.8	50.0	800	52.5		68.0		32.0	
20.0	57.3		68.3		42.6		1000	52.0	56.5	69.8	72.7	30.2	35.4
25.0	57.9		68.1		41.5		1250	50.4		64.1		29.2	
31.5	58.1	63.7	65.2	71.0	44.2	48.1	1600	49.9		63.3		27.2	
40.0	60.4		64.6		43.9		2000	47.1	52.7	58.7	65.2	22.4	28.9
50.0	61.9		63.4		43.5		2500	45.5		56.5		18.8	
63.0	64.1	68.8	72.7	73.6	43.6	48.9	3150	42.5		52.5		16.1	
80.0	65.3		63.7		45.1		4000	39.3	44.9	49.8	55.0	15.4	20.4
100	63.4		63.9		42.2		5000	36.6		46.5		15.5	
125	63.8	67.4	64.6	69.4	40.3	45.2	6300	34.5		42.5		15.7	
160	59.3		65.2		37.5		8000	34.4	37.9	40.4	45.0	16.1	21.0
200	56.5		63.1		33.2		10000	27.4		34.2		16.7	
250	54.7	59.8	60.4	67.7	31.0	36.4	12500	23.1		31.3		17.0	
315	53.3		64.3		30.1		16000	21.0	26.6	23.3	32.4	18.5	23.5
400	51.0		67.1		28.3		20000	21.1		22.7		20.1	
500	54.6	57.9	76.9	77.9	28.4	34.1							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\5 PM.slm1
Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 17:17:12
Elapsed Time: 00:11:00.1

	A Weight	C Weight	Flat
Leq:	61.1 dBA	71.8 dBC	72.5 dBF
SEL:	89.3 dBA	100.0 dBC	100.7 dBF
Peak:	88.5 dBA	93.7 dBC	95.7 dBF
05-Mar-2010 17:25:57		05-Mar-2010 17:27:08	05-Mar-2010 17:27:08
Lmax (slow):	76.2 dBA	82.8 dBC	83.0 dBF
05-Mar-2010 17:25:58		05-Mar-2010 17:27:58	05-Mar-2010 17:27:58
Lmin (slow):	41.8 dBA	59.7 dBC	62.1 dBF
05-Mar-2010 17:26:26		05-Mar-2010 17:26:33	05-Mar-2010 17:26:13
Lmax (fast):	78.9 dBA	84.9 dBC	85.1 dBF
05-Mar-2010 17:25:57		05-Mar-2010 17:27:58	05-Mar-2010 17:27:58
Lmin (fast):	41.1 dBA	58.0 dBC	60.0 dBF
05-Mar-2010 17:26:25		05-Mar-2010 17:26:33	05-Mar-2010 17:26:30
Lmax (impulse):	80.2 dBA	85.7 dBC	87.3 dBF
05-Mar-2010 17:25:57		05-Mar-2010 17:27:58	05-Mar-2010 17:27:08
Lmin (impulse):	41.5 dBA	60.4 dBC	62.7 dBF
05-Mar-2010 17:26:25		05-Mar-2010 17:26:30	05-Mar-2010 17:26:13

Calibrated:	05-Mar-2010 14:20:42	Offset:	-48.5 dB
Checked:	05-Mar-2010 14:20:42	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\6AM.slm1
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rta.ssa / SLM & Real-Time Analyzer
 Location: 2085 Pasado Ave
 Notel: 35' W of Pasado Ave CL
 Note2: 55' S of Lathrop Rd

Overall Any Data

Start Time: 05-Mar-2010 08:46:25
 Elapsed Time: 00:11:00.8

	A Weight	C Weight	Flat
Leq:	67.7 dBA	73.8 dBC	74.2 dBF
SEL:	95.9 dBA	102.0 dBC	102.4 dBF
Peak:	93.4 dBA	100.0 dBC	100.3 dBF
05-Mar-2010 08:48:15	05-Mar-2010 08:48:15	05-Mar-2010 08:48:41	05-Mar-2010 08:48:41
Lmax (slow):	77.3 dBA	90.9 dBC	91.2 dBF
05-Mar-2010 08:48:15	05-Mar-2010 08:48:15	05-Mar-2010 08:48:42	05-Mar-2010 08:48:42
Lmin (slow):	48.1 dBA	60.2 dBC	61.7 dBF
05-Mar-2010 08:49:56	05-Mar-2010 08:49:56	05-Mar-2010 08:47:45	05-Mar-2010 08:47:45
Lmax (fast):	81.5 dBA	93.1 dBC	93.5 dBF
05-Mar-2010 08:48:15	05-Mar-2010 08:48:15	05-Mar-2010 08:48:41	05-Mar-2010 08:48:41
Lmin (fast):	47.5 dBA	58.9 dBC	60.5 dBF
05-Mar-2010 08:47:57	05-Mar-2010 08:47:57	05-Mar-2010 08:47:44	05-Mar-2010 08:47:42
Lmax (impulse):	83.5 dBA	94.1 dBC	94.3 dBF
05-Mar-2010 08:48:15	05-Mar-2010 08:48:15	05-Mar-2010 08:48:41	05-Mar-2010 08:48:41
Lmin (impulse):	47.8 dBA	61.3 dBC	63.1 dBF
05-Mar-2010 08:49:55	05-Mar-2010 08:49:55	05-Mar-2010 08:56:52	05-Mar-2010 08:56:51

Spectra

Date: 05-Mar-2010
 Time: 08:46:25
 Run Time: 00:11:00.8

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	56.8		64.0		39.4		630	58.6		71.4		37.4	
16.0	56.8	61.6	62.2	67.6	39.1	43.6	800	60.2		70.5		37.2	
20.0	56.8		62.1		37.8		1000	60.3	64.6	67.8	73.3	36.9	41.1
25.0	56.2		66.4		39.8		1250	59.0		65.9		34.6	
31.5	56.5	61.8	64.1	70.0	41.9	45.5	1600	58.1		64.0		32.4	
40.0	58.2		65.0		40.3		2000	55.9	60.9	61.9	68.8	27.4	34.4
50.0	60.9		67.0		41.4		2500	52.8		65.5		26.8	
63.0	60.6	69.8	63.5	73.6	44.3	48.1	3150	49.7		61.5		25.0	
80.0	68.6		72.0		43.8		4000	47.3	52.5	63.2	68.3	21.4	27.4
100	65.1		73.8		44.9		5000	44.7		65.1		19.5	
125	65.3	68.6	72.7	76.9	44.2	48.1	6300	46.9		74.9		17.2	
160	58.2		68.0		38.8		8000	38.6	47.8	53.8	74.9	17.3	22.1
200	60.2		74.2		39.6		10000	36.2		48.0		17.4	
250	57.9	63.1	64.4	75.0	36.4	42.3	12500	35.4		48.2		17.8	
315	55.7		64.5		35.3		16000	27.6	36.3	34.8	48.4	19.2	24.1
400	55.4		68.4		33.7		20000	23.6		29.0		20.6	
500	56.7	61.9	72.5	75.9	37.3	41.2							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: V:\Vista Env\2009\090202-Manteca\Noise Measurements\6AM.slmdl
Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 08:46:25
Elapsed Time: 00:11:00.8

	A Weight	C Weight	Flat
Leq:	67.7 dBA	73.8 dBC	74.2 dBF
SEL:	95.9 dBA	102.0 dBC	102.4 dBF
Peak:	93.4 dBA	100.0 dBC	100.3 dBF
05-Mar-2010 08:48:15		05-Mar-2010 08:48:41	05-Mar-2010 08:48:41
Lmax (slow):	77.3 dBA	90.9 dBC	91.2 dBF
05-Mar-2010 08:48:15		05-Mar-2010 08:48:42	05-Mar-2010 08:48:42
Lmin (slow):	48.1 dBA	60.2 dBC	61.7 dBF
05-Mar-2010 08:49:56		05-Mar-2010 08:47:45	05-Mar-2010 08:47:45
Lmax (fast):	81.5 dBA	93.1 dBC	93.5 dBF
05-Mar-2010 08:48:15		05-Mar-2010 08:48:41	05-Mar-2010 08:48:41
Lmin (fast):	47.5 dBA	58.9 dBC	60.5 dBF
05-Mar-2010 08:47:57		05-Mar-2010 08:47:44	05-Mar-2010 08:47:42
Lmax (impulse):	83.5 dBA	94.1 dBC	94.3 dBF
05-Mar-2010 08:48:15		05-Mar-2010 08:48:41	05-Mar-2010 08:48:41
Lmin (impulse):	47.8 dBA	61.3 dBC	63.1 dBF
05-Mar-2010 08:49:55		05-Mar-2010 08:56:52	05-Mar-2010 08:56:51

Calibrated:	05-Mar-2010 07:12:52	Offset:	-47.9 dB
Checked:	05-Mar-2010 07:12:52	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\6 PM.slm_{dl}
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rt.a.ssa / SLM & Real-Time Analyzer
 Location: 2085 Pasado Ave
 Notel: 35' W of Pasado Ave CL
 Note2: 55' S of Lathrop Rd

Overall Any Data

Start Time: 05-Mar-2010 16:30:36
 Elapsed Time: 00:12:00.8

	A Weight	C Weight	Flat
Leq:	67.9 dBA	75.3 dBC	75.7 dBF
SEL:	96.5 dBA	103.9 dBC	104.3 dBF
Peak:	92.1 dBA	97.8 dBC	98.5 dBF
05-Mar-2010 16:33:53		05-Mar-2010 16:30:49	05-Mar-2010 16:30:49
Lmax (slow):	77.1 dBA	87.4 dBC	87.8 dBF
05-Mar-2010 16:37:19		05-Mar-2010 16:30:50	05-Mar-2010 16:30:50
Lmin (slow):	44.7 dBA	58.2 dBC	59.3 dBF
05-Mar-2010 16:36:29		05-Mar-2010 16:36:28	05-Mar-2010 16:31:59
Lmax (fast):	78.6 dBA	90.3 dBC	90.7 dBF
05-Mar-2010 16:37:18		05-Mar-2010 16:30:49	05-Mar-2010 16:30:49
Lmin (fast):	42.9 dBA	56.8 dBC	57.9 dBF
05-Mar-2010 16:36:29		05-Mar-2010 16:37:50	05-Mar-2010 16:31:57
Lmax (impulse):	79.2 dBA	91.1 dBC	91.5 dBF
05-Mar-2010 16:37:18		05-Mar-2010 16:30:49	05-Mar-2010 16:30:49
Lmin (impulse):	45.3 dBA	58.6 dBC	60.2 dBF
05-Mar-2010 16:36:29		05-Mar-2010 16:38:03	05-Mar-2010 16:38:03

Spectra

Date: 05-Mar-2010
 Time: 16:30:36
 Run Time: 00:12:00.8

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	56.6		68.5		35.3		630	59.0		68.3		32.3	
16.0	56.3	62.3	72.6	77.0	29.3	39.3	800	60.5		69.9		33.2	
20.0	59.1		73.9		36.4		1000	60.3	64.8	69.2	73.7	32.5	37.0
25.0	56.9		68.4		37.9		1250	59.2		67.3		30.7	
31.5	58.2	63.4	69.8	76.4	36.5	42.2	1600	58.0		66.7		31.3	
40.0	60.2		74.4		37.8		2000	54.4	60.2	63.2	69.0	27.7	33.4
50.0	62.9		76.1		39.8		2500	51.3		60.6		23.9	
63.0	67.7	70.7	77.8	84.3	42.2	46.2	3150	47.7		55.9		20.5	
80.0	66.0		82.3		42.0		4000	44.5	50.0	53.4	58.6	18.2	23.4
100	67.1		73.8		41.0		5000	40.8		50.4		16.3	
125	66.6	70.7	80.3	84.2	40.7	44.8	6300	37.9		47.7		15.4	
160	63.2		81.2		37.6		8000	34.1	39.9	46.1	51.0	16.0	20.7
200	64.0		73.0		33.2		10000	30.2		44.3		16.3	
250	63.0	67.2	75.1	77.6	31.8	36.6	12500	27.0		39.1		16.7	
315	59.0		67.7		29.9		16000	23.6	29.6	36.3	42.5	18.1	23.2
400	56.7		68.3		30.7		20000	22.6		37.4		19.8	
500	57.3	62.6	66.2	72.5	30.7	36.1							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\6 PM.slm1
 Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 16:30:36
 Elapsed Time: 00:12:00.8

	A Weight	C Weight	Flat
Leq:	67.9 dBA	75.3 dBC	75.7 dBF
SEL:	96.5 dBA	103.9 dBC	104.3 dBF
Peak:	92.1 dBA	97.8 dBC	98.5 dBF
05-Mar-2010 16:33:53	05-Mar-2010 16:30:49	05-Mar-2010 16:30:49	
Lmax (slow):	77.1 dBA	87.4 dBC	87.8 dBF
05-Mar-2010 16:37:19	05-Mar-2010 16:30:50	05-Mar-2010 16:30:50	
Lmin (slow):	44.7 dBA	58.2 dBC	59.3 dBF
05-Mar-2010 16:36:29	05-Mar-2010 16:36:28	05-Mar-2010 16:31:59	
Lmax (fast):	78.6 dBA	90.3 dBC	90.7 dBF
05-Mar-2010 16:37:18	05-Mar-2010 16:30:49	05-Mar-2010 16:30:49	
Lmin (fast):	42.9 dBA	56.8 dBC	57.9 dBF
05-Mar-2010 16:36:29	05-Mar-2010 16:37:50	05-Mar-2010 16:31:57	
Lmax (impulse):	79.2 dBA	91.1 dBC	91.5 dBF
05-Mar-2010 16:37:18	05-Mar-2010 16:30:49	05-Mar-2010 16:30:49	
Lmin (impulse):	45.3 dBA	58.6 dBC	60.2 dBF
05-Mar-2010 16:36:29	05-Mar-2010 16:38:03	05-Mar-2010 16:38:03	

Calibrated:	05-Mar-2010 14:20:42	Offset:	-48.5 dB
Checked:	05-Mar-2010 14:20:42	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	0		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\7.slm.dl
 Model/Serial Number: 824 / A3176
 Firmware/Software Revs: 4.283 / 3.120
 Name:
 Descr1: 1021 Didrikson Way
 Descr2: Laguna Beach, CA 92651
 Setup/Setup Descr: slm&rtta.ssa / SLM & Real-Time Analyzer
 Location: 30' SE of UP Terminal middle corner
 Note1: A train was slowly passing during measurement
 Note2: Noise primarily from trucks and loading equipment

Overall Any Data

Start Time: 05-Mar-2010 14:21:24
 Elapsed Time: 00:20:00.6

	A Weight	C Weight	Flat
Leq:	56.5 dBA	73.9 dBC	76.2 dBF
SEL:	87.3 dBA	104.7 dBC	107.0 dBF
Peak:	85.4 dBA	100.7 dBC	102.4 dBF
05-Mar-2010 14:22:50	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46
Lmax (slow):	70.0 dBA	87.8 dBC	90.6 dBF
05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46
Lmin (slow):	47.7 dBA	65.1 dBC	67.4 dBF
05-Mar-2010 14:34:06	05-Mar-2010 14:34:02	05-Mar-2010 14:33:21	
Lmax (fast):	72.3 dBA	90.4 dBC	93.0 dBF
05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	
Lmin (fast):	47.1 dBA	63.2 dBC	65.6 dBF
05-Mar-2010 14:34:06	05-Mar-2010 14:33:53	05-Mar-2010 14:33:24	
Lmax (impulse):	74.0 dBA	93.2 dBC	95.7 dBF
05-Mar-2010 14:22:50	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	
Lmin (impulse):	47.7 dBA	65.7 dBC	68.9 dBF
05-Mar-2010 14:34:04	05-Mar-2010 14:34:04	05-Mar-2010 14:33:21	

Spectra

Date: 05-Mar-2010
 Time: 14:21:24
 Run Time: 00:20:00.6

Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1	Hz	Leq1/3	Leq1/1	Max1/3	Max1/1	Min1/3	Min1/1
12.5	67.6		84.3		39.1		630	45.4		62.3		34.5	
16.0	67.6	73.0	81.0	88.9	41.6	48.0	800	45.2		59.6		34.9	
20.0	69.2		85.9		46.1		1000	44.7	49.8	58.0	63.3	33.5	38.2
25.0	68.9		86.1		42.9		1250	45.3		57.8		31.2	
31.5	67.6	72.6	83.4	90.4	45.7	50.7	1600	45.3		57.0		29.8	
40.0	66.7		86.8		47.8		2000	43.6	48.8	54.9	60.2	27.6	32.6
50.0	64.6		77.7		50.6		2500	42.8		53.7		24.5	
63.0	65.9	69.8	78.6	84.1	50.1	54.6	3150	41.2		50.3		23.0	
80.0	64.6		81.0		48.6		4000	37.8	43.5	46.7	52.4	19.6	25.5
100	62.3		78.8		49.2		5000	34.9		43.3		18.1	
125	60.7	65.7	73.3	80.7	48.6	53.1	6300	31.3		39.8		16.7	
160	59.2		73.3		46.8		8000	26.4	32.8	33.1	40.7	16.2	21.2
200	54.6		73.9		42.2		10000	21.4		24.6		16.3	
250	51.8	57.1	68.1	75.5	38.2	44.0	12500	18.7		20.8		16.6	
315	48.8		66.8		33.2		16000	19.0	24.2	19.2	25.2	17.9	23.0
400	45.5		62.7		33.6		20000	20.4		21.0		19.6	
500	45.8	50.3	61.1	66.9	34.9	39.1							

Ln Start Level: 15 dB
 L1.00 0.0 dBA L50.00 0.0 dBA L95.00 0.0 dBA
 L5.00 0.0 dBA L90.00 0.0 dBA L99.00 0.0 dBA

Detector: Slow
 Weighting: A
 SPL Exceedance Level 1: 85.0 dB Exceeded: 0 times
 SPL Exceedance level 2: 120 dB Exceeded: 0 times
 Peak-1 Exceedance Level: 105 dB Exceeded: 0 times
 Peak-2 Exceedance Level: 100 dB Exceeded: 0 times
 Hysteresis: 2
 Overloaded: 0 time(s)
 Paused: 0 times for 00:00:00.0

File Translated: Z:\Vista Env\2009\090202-Manteca\Noise Measurements\7.slmdl
 Model/Serial Number: 824 / A3176

Current Any Data

Start Time: 05-Mar-2010 14:21:24
 Elapsed Time: 00:20:00.6

	A Weight	C Weight	Flat
Leq:	56.5 dBA	73.9 dBC	76.2 dBF
SEL:	87.3 dBA	104.7 dBC	107.0 dBF
Peak:	85.4 dBA	100.7 dBC	102.4 dBF
05-Mar-2010 14:22:50	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46
Lmax (slow):	70.0 dBA	87.8 dBC	90.6 dBF
05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46
Lmin (slow):	47.7 dBA	65.1 dBC	67.4 dBF
05-Mar-2010 14:34:06	05-Mar-2010 14:34:02	05-Mar-2010 14:33:21	05-Mar-2010 14:33:21
Lmax (fast):	72.3 dBA	90.4 dBC	93.0 dBF
05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46
Lmin (fast):	47.1 dBA	63.2 dBC	65.6 dBF
05-Mar-2010 14:34:06	05-Mar-2010 14:33:53	05-Mar-2010 14:33:24	05-Mar-2010 14:33:24
Lmax (impulse):	74.0 dBA	93.2 dBC	95.7 dBF
05-Mar-2010 14:22:50	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46	05-Mar-2010 14:22:46
Lmin (impulse):	47.7 dBA	65.7 dBC	68.9 dBF
05-Mar-2010 14:34:04	05-Mar-2010 14:34:04	05-Mar-2010 14:33:21	05-Mar-2010 14:33:21

Calibrated:	05-Mar-2010 14:20:42	Offset:	-48.5 dB
Checked:	05-Mar-2010 14:20:42	Level:	94.0 dB
Calibrator	not set	Level:	94.0 dB
Cal Records Count:	2		

Interval Records:	Disabled	Number Interval Records:	0
History Records:	Disabled	Number History Records:	0
Run/Stop Records:		Number Run/Stop Records:	2

Site A

Date Time=03/04/10 7:44:00 PM
Sampling Time=3 Freq Weighting=A
Record Num= 28400 Weighting=Slow CNEL(24hr): 67.6
Leq 62.0 SEL Value=111.3 Ldn(24hr)= 67.4
MAX 86.5 Min Leq1 hr = 53.9 1:09 AM
MIN 36.9 Max Leq1 hr = 66.2 6:15 AM

Site A

SPL	Time	Leq (1 hour Avg.)	Ldn	CNEL
58.3	19:44:00		58.3	63.07
60.4	19:44:03		60.4	65.17
56	19:44:06		56	60.77
62.2	19:44:09		62.2	66.97
59.5	19:44:12		59.5	64.27
59.7	19:44:15		59.7	64.47
47.1	19:44:18		47.1	51.87
46.4	19:44:21		46.4	51.17
47.2	19:44:24		47.2	51.97
47.9	19:44:27		47.9	52.67
49.2	19:44:30		49.2	53.97
49.8	19:44:33		49.8	54.57
50.2	19:44:36		50.2	54.97
49.9	19:44:39		49.9	54.67
47.1	19:44:42		47.1	51.87
51.6	19:44:45		51.6	56.37
50.6	19:44:48		50.6	55.37
50.8	19:44:51		50.8	55.57
54.4	19:44:54		54.4	59.17
47.8	19:44:57		47.8	52.57
48.3	19:45:00		48.3	53.07
47.4	19:45:03		47.4	52.17
55.6	19:45:06		55.6	60.37
61	19:45:09		61	65.77
50.7	19:45:12		50.7	55.47
52.7	19:45:15		52.7	57.47
50.6	19:45:18		50.6	55.37
59.1	19:45:21		59.1	63.87
68.9	19:45:24		68.9	73.67
65.5	19:45:27		65.5	70.27
59.2	19:45:30		59.2	63.97
62.4	19:45:33		62.4	67.17
68	19:45:36		68	72.77
62.8	19:45:39		62.8	67.57
60.5	19:45:42		60.5	65.27
59.1	19:45:45		59.1	63.87
62.8	19:45:48		62.8	67.57
64.5	19:45:51		64.5	69.27
58.5	19:45:54		58.5	63.27
61.6	19:45:57		61.6	66.37
68	19:46:00		68	72.77
63.8	19:46:03		63.8	68.57
63.2	19:46:06		63.2	67.97
59.5	19:46:09		59.5	64.27
55.6	19:46:12		55.6	60.37
56.7	19:46:15		56.7	61.47
61.7	19:46:18		61.7	66.47
64.3	19:46:21		64.3	69.07
57.4	19:46:24		57.4	62.17
59.7	19:46:27		59.7	64.47
54.2	19:46:30		54.2	58.97
49.2	19:46:33		49.2	53.97
47.3	19:46:36		47.3	52.07
48.2	19:46:39		48.2	52.97
47.5	19:46:42		47.5	52.27
47.4	19:46:45		47.4	52.17
47.3	19:46:48		47.3	52.07
45.7	19:46:51		45.7	50.47
45.6	19:46:54		45.6	50.37
45.2	19:46:57		45.2	49.97
46.3	19:47:00		46.3	51.07
45	19:47:03		45	49.77
44.8	19:47:06		44.8	49.57
45	19:47:09		45	49.77
45.5	19:47:12		45.5	50.27
45.9	19:47:15		45.9	50.67
46.9	19:47:18		46.9	51.67
46.6	19:47:21		46.6	51.37
46.1	19:47:24		46.1	50.87
46.4	19:47:27		46.4	51.17
48.3	19:47:30		48.3	53.07
46.4	19:47:33		46.4	51.17
45.8	19:47:36		45.8	50.57
44.9	19:47:39		44.9	49.67
45.1	19:47:42		45.1	49.87
45.3	19:47:45		45.3	50.07
46	19:47:48		46	50.77
45.6	19:47:51		45.6	50.37
45.4	19:47:54		45.4	50.17
45.8	19:47:57		45.8	50.57
46.2	19:48:00		46.2	50.97
46.4	19:48:03		46.4	51.17

**Northwest Airport Way Master Plan
Assessed receiver levels - Existing Conditions**

Name	Usage	Floor	Dir	Lden dB(A)	Ld dB(A)	Ln dB(A)
01	IA	1. Floor	W	64.6	60.2	58.4
02	IA	1. Floor	W	59.2	54.8	53.0
03	IA	1. Floor	W	63.4	59.1	57.2
04	IA	1. Floor	W	63.2	58.8	56.9
05	IA	1. Floor	W	65.9	61.5	59.6
06	IA	1. Floor	W	58.3	52.7	52.3
07	IA	1. Floor	W	66.4	62.1	60.2
08	IA	1. Floor	NW	62.0	56.7	56.0
09	IA	1. Floor	N	70.7	66.7	64.3
10	IA	1. Floor	N	69.6	65.7	63.2
A	GR	1. Floor		65.7	61.3	59.5
M2	GR	1. Floor		74.1	70.2	67.7
M3	GR	1. Floor		68.3	64.0	62.0
M4	GR	1. Floor		66.1	61.7	59.9
M5	GR	1. Floor		65.8	61.5	59.5
M6	GR	1. Floor		70.1	66.2	63.8
M7	GR	1. Floor		60.5	56.5	54.0

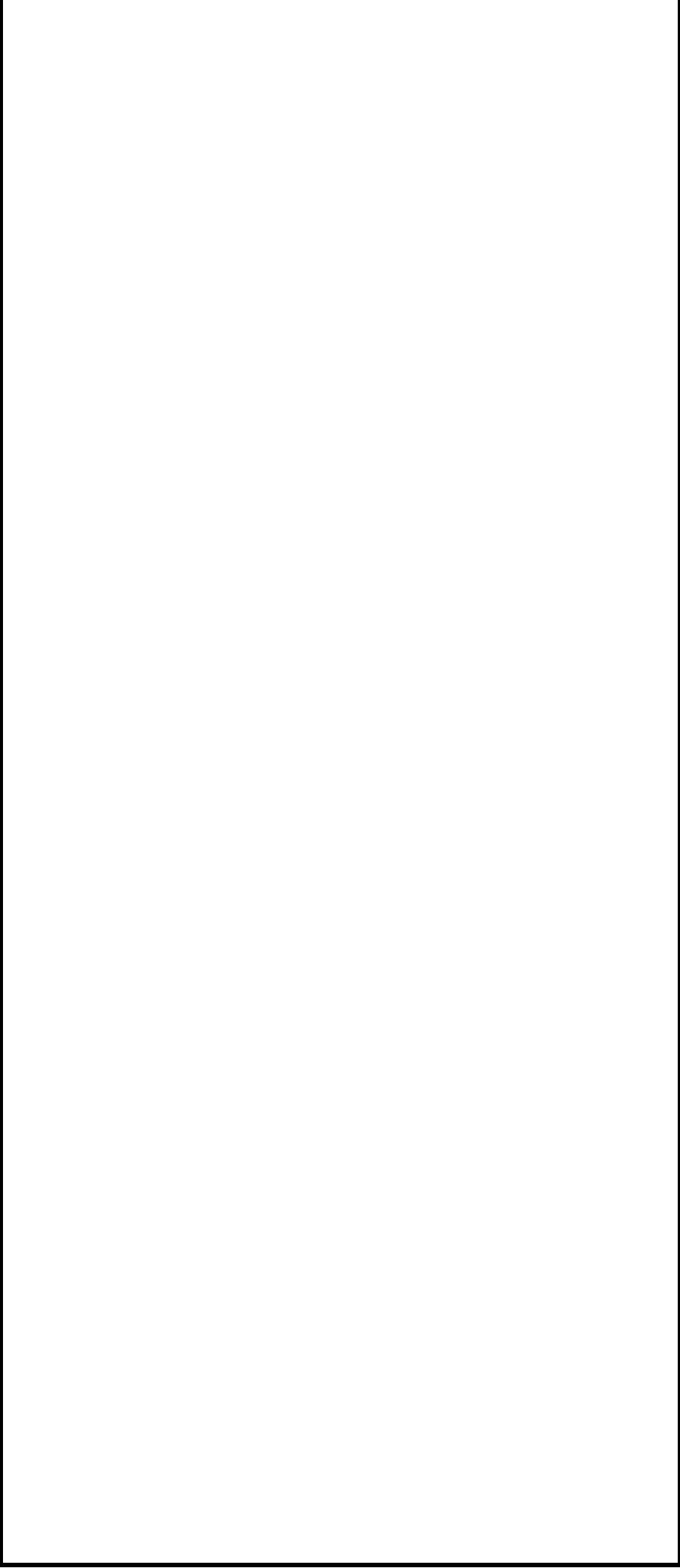
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Northwest Airport Way Master Plan

4

3rd octave spectras of the sources in dB(A) - Existing Conditions

Source	I or S	Lw	Li	R'w	KI	KT	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz	10 kHz
UPRR Intermodal	648061.1	116.1	0.0	0.0	0	0	93.9	99.2	101.6	102.7	104.1	105.3	103.2	102.7	101.7	100.2	102.1	103.0	103.9	104.2	105.4	105.8	104.3	103.6	101.9	98.3	94.9	90.7	84.8	78.4





Noise Measurement M1 - Looking north



Noise Measurement M1 - Looking east



Noise Measurement M1 - Looking southeast



Noise Measurement M1 - Looking southwest



Noise Measurement M1 - Looking northwest



Noise Measurement M2 - Looking north



Noise Measurement M2 - Looking northeast



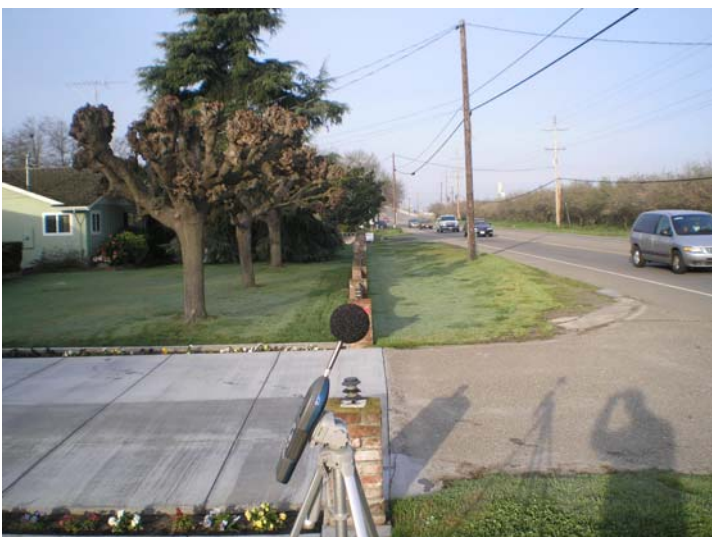
Noise Measurement M2 - Looking southeast



Noise Measurement M2 - Looking south



Noise Measurement M2 - Looking southwest



Noise Measurement M2 - Looking west



Noise Measurement M3 - Looking north



Noise Measurement M3 - Looking east



Noise Measurement M3 - Looking south



Noise Measurement M3 - Looking southwest



Noise Measurement M3 - Looking northwest



Noise Measurement M4 - Looking northeast



Noise Measurement M4 - Looking southeast



Noise Measurement M4 - Looking southwest



Noise Measurement M4 - Looking west



Noise Measurement M4 - Looking northwest



Noise Measurement M5 - Looking north



Noise Measurement M5 - Looking east



Noise Measurement M5 - Looking southwest



Noise Measurement M5 - Looking west



Noise Measurement M5 - Looking northwest



Noise Measurement M6 - Looking northwest



Noise Measurement M6 - Looking northeast



Noise Measurement M6 - Looking east



Noise Measurement M6 - Looking southwest



Noise Measurement M6 - Looking west



Noise Measurement A - Looking north



Noise Measurement A - Looking northeast



Noise Measurement A - Looking east



Noise Measurement A - Looking south



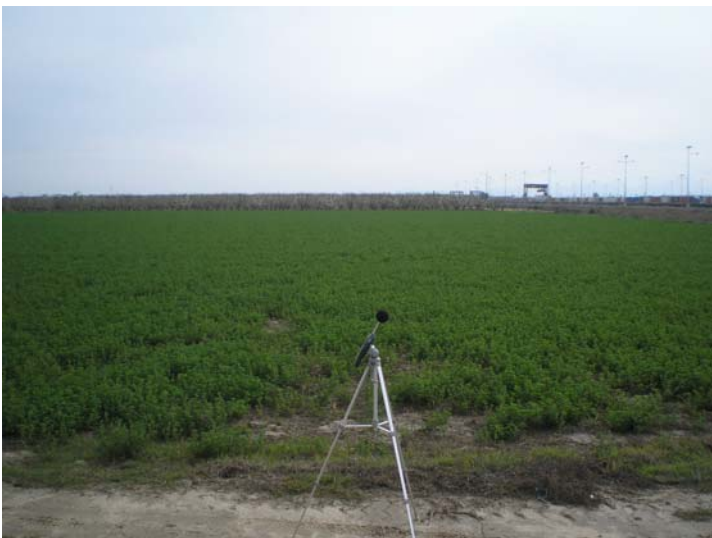
Noise Measurement A - Looking southwest



Noise Measurement M7 - Looking north



Noise Measurement M7 - Looking east



Noise Measurement M7 - Looking south



Noise Measurement M7 - Looking southwest



Noise Measurement M7 - Looking west



Noise Measurement M7 - Looking northwest

**Northwest Airport Way Master Plan
Assessed receiver levels - Grading of Phase 1 -
Centerpoint and Reilla Trust Properties**

Name	Usage	Floor	Dir	Lden dB(A)	Ld dB(A)	Ln dB(A)	
03	IA	1. Floor	W	70.0	72.1	57.2	

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Northwest Airport Way Master Plan

4

3rd octave spectras of the sources in dB(A) - Grading of Phase 1 - Centerpoint and Reilla Trust Properties

Source	I or S	Lw	Li	Rw	KI	KT	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz	10 kHz		
UPRR Intermodal	648061.1	116.1	0.0	0.0	0	0	93.9	99.2	101.6	102.7	104.1	105.3	103.2	102.7	101.7	100.2	102.1	103.0	103.9	104.2	105.4	105.8	104.3	103.6	101.9	98.3	94.9	90.7	84.8	78.4		
Excavator		119.0	0.0	0.0	0	0											119.0															
Grader 1		119.0	0.0	0.0	0	0											119.0															
Grader 2		119.0	0.0	0.0	0	0											119.0															
Dozer		119.0	0.0	0.0	0	0											119.0															
Scraper 1		119.0	0.0	0.0	0	0											119.0															
Scraper 2		119.0	0.0	0.0	0	0											119.0															
Scraper 3		120.0	0.0	0.0	0	0											120.0															
Scraper 4		120.0	0.0	0.0	0	0											120.0															
Water Truck		118.0	0.0	0.0	0	0		99.6			103.6			107.6			110.6			113.6		111.6				106.6					101.6	
Tractor		118.0	0.0	0.0	0	0											118.0															

Northwest Airport Way Master Plan
Assessed receiver levels - Phase 1 Mitigated with 10-foot
Sound Wall

Name	Usage	Floor	Dir	Lden dB(A)	Ld dB(A)	Ln dB(A)	
03	IA	1. Floor	W	67.3	68.6	57.2	

Northwest Airport Way Master Plan

4

3rd octave spectras of the sources in dB(A) - Phase 1 Mitigated with 10-foot Sound Wall

Source	I or S	Lw	Li	Rw	KI	KT	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz	10 kHz			
UPRR Intermodal	648061.1	116.1	0.0	0.0	0	0	93.9	99.2	101.6	102.7	104.1	105.3	103.2	102.7	101.7	100.2	102.1	103.0	103.9	104.2	105.4	105.8	104.3	103.6	101.9	98.3	94.9	90.7	84.8	78.4			
Excavator		119.0	0.0	0.0	0	0											119.0																
Grader 1		119.0	0.0	0.0	0	0											119.0																
Grader 2		119.0	0.0	0.0	0	0											119.0																
Dozer		119.0	0.0	0.0	0	0											119.0																
Scraper 1		119.0	0.0	0.0	0	0											119.0																
Scraper 2		119.0	0.0	0.0	0	0											119.0																
Scraper 3		120.0	0.0	0.0	0	0											120.0																
Scraper 4		120.0	0.0	0.0	0	0											120.0																
Water Truck		118.0	0.0	0.0	0	0		99.6			103.6			107.6			110.6			113.6			111.6			106.6					101.6		
Tractor		118.0	0.0	0.0	0	0											118.0																

Northwest Airport Way Master Plan
Assessed receiver levels - Phase 2 Construction - RCCI
PTP Property

Name	Usage	Floor	Dir	Lden dB(A)	Ld dB(A)	Ln dB(A)	
05	IA	1. Floor	W	71.8	73.9	59.6	

Northwest Airport Way Master Plan

4

3rd octave spectras of the sources in dB(A) - Phase 2 Construction - RCCI PTP Property

Source	I or S	Lw	Li	Rw	KI	KT	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz	10 kHz
UPRR Intermodal	648061.1	116.1	0.0	0.0	0	0	93.9	99.2	101.6	102.7	104.1	105.3	103.2	102.7	101.7	100.2	102.1	103.0	103.9	104.2	105.4	105.8	104.3	103.6	101.9	98.3	94.9	90.7	84.8	78.4
Water Truck		118.0	0.0	0.0	0	0	99.6	99.6			103.6			107.6			110.6			113.6			111.6			106.6			101.6	
Tractor 1		118.0	0.0	0.0	0	0											118.0													
Dozer		119.0	0.0	0.0	0	0											119.0													
Scraper 1		119.0	0.0	0.0	0	0											119.0													
Scraper 2		119.0	0.0	0.0	0	0											119.0													
Grader 1		119.0	0.0	0.0	0	0											119.0													
Tractor 2		118.0	0.0	0.0	0	0											118.0													

Northwest Airport Way Master Plan
Assessed receiver levels - Phase 2 Mitigated with 10 foot
Soundwall

Name	Usage	Floor	Dir	Lden dB(A)	Ld dB(A)	Ln dB(A)	
05	IA	1. Floor	W	67.7	67.4	59.6	

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Northwest Airport Way Master Plan

4

3rd octave spectras of the sources in dB(A) - Phase 2 Mitigated with 10 foot Soundwall

Source	I or S	Lw	Li	Rw	KI	KT	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz	10 kHz	
UPRR Intermodal	648061.1	116.1	0.0	0.0	0	0	93.9	99.2	101.6	102.7	104.1	105.3	103.2	102.7	101.7	100.2	102.1	103.0	103.9	104.2	105.4	105.8	104.3	103.6	101.9	98.3	94.9	90.7	84.8	78.4	
Water Truck		118.0	0.0	0.0	0	0	99.6				103.6			107.6			110.6			113.6			111.6			106.6			101.6		
Tractor 1		118.0	0.0	0.0	0	0											118.0														
Dozer		119.0	0.0	0.0	0	0											119.0														
Scraper 1		119.0	0.0	0.0	0	0											119.0														
Scraper 2		119.0	0.0	0.0	0	0											119.0														
Grader 1		119.0	0.0	0.0	0	0											119.0														
Tractor 2		118.0	0.0	0.0	0	0											118.0														

Northwest Airport Way Master Plan
Assessed receiver levels - Grading of Phase 3 - Ed Cardoza
Property

Name	Usage	Floor	Dir	Lden dB(A)	Ld dB(A)	Ln dB(A)	
10	IA	1. Floor	N	72.9	73.9	63.2	

Northwest Airport Way Master Plan

4

3rd octave spectras of the sources in dB(A) - Grading of Phase 3 - Ed Cardoza Property

Source	I or S	Lw	Li	Rw	KI	KT	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz	10 kHz		
UPRR Intermodal	648061.1	116.1	0.0	0.0	0	0	93.9	99.2	101.6	102.7	104.1	105.3	103.2	102.7	101.7	100.2	102.1	103.0	103.9	104.2	105.4	105.8	104.3	103.6	101.9	98.3	94.9	90.7	84.8	78.4		
Dozer		119.0	0.0	0.0	0	0		99.6			103.6			107.6			119.0			113.6			111.6									
Water Truck		118.0	0.0	0.0	0	0											110.6									106.6						
Grader 1		119.0	0.0	0.0	0	0											119.0															
Tractor 2		118.0	0.0	0.0	0	0											118.0															
Tractor 1		118.0	0.0	0.0	0	0											118.0															

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITHOUT PROJECT

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Airport Way		Segment: North of Roth Road		Roadway Classification: 6-Lane Arterial								
Average Daily Traffic: 6500 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
Noise Adjustments			Unmitigated Noise Levels									
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL	
Automobiles	69.34	-4.07	0.06	-1.20	64.14	61.77	60.47	54.42	62.85	63.48	70 dBA: 21	23
Medium Trucks	77.62	-18.94	0.06	-1.20	57.55	38.80	41.81	35.79	42.99	43.80	65 dBA: 45	50
Heavy Trucks	82.14	-16.72	0.06	-1.20	64.29	48.94	49.52	41.73	50.26	51.15	60 dBA: 97	107
Total:				67.67	62.01	60.86	54.70	63.12	63.77		55 dBA: 209	231

Road Name: Airport Way		Segment: South of Roth Road		Roadway Classification: 6-Lane Arterial								
Average Daily Traffic: 6600 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
Noise Adjustments			Unmitigated Noise Levels									
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL	
Automobiles	69.34	-4.00	0.06	-1.20	64.20	61.83	60.54	54.48	62.92	63.55	70 dBA: 21	23
Medium Trucks	77.62	-18.87	0.06	-1.20	57.62	38.86	41.87	35.85	43.06	43.87	65 dBA: 45	50
Heavy Trucks	82.14	-16.65	0.06	-1.20	64.35	49.00	49.58	41.80	50.33	51.22	60 dBA: 98	108
Total:				67.73	62.07	60.93	54.77	63.19	63.84		55 dBA: 211	233

Road Name: Airport Way		Segment: South of Daisyywood Drive		Roadway Classification: 6-Lane Arterial								
Average Daily Traffic: 6400 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
Noise Adjustments			Unmitigated Noise Levels									
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL	
Automobiles	69.34	-4.14	0.06	-1.20	64.07	61.70	60.41	54.35	62.78	63.41	70 dBA: 21	23
Medium Trucks	77.62	-19.00	0.06	-1.20	57.48	38.73	41.74	35.72	42.92	43.74	65 dBA: 45	49
Heavy Trucks	82.14	-16.79	0.06	-1.20	64.22	48.87	49.45	41.67	50.19	51.09	60 dBA: 96	106
Total:				67.60	61.94	60.79	54.63	63.06	63.70		55 dBA: 207	228

Road Name: Airport Way		Segment: South of Lathrop Road		Roadway Classification: 6-Lane Arterial								
Average Daily Traffic: 7600 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
Noise Adjustments			Unmitigated Noise Levels									
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL	
Automobiles	69.34	-3.39	0.06	-1.20	64.82	62.44	61.15	55.10	63.53	64.16	70 dBA: 23	26
Medium Trucks	77.62	-18.26	0.06	-1.20	58.23	39.48	42.49	36.47	43.67	44.48	65 dBA: 50	55
Heavy Trucks	82.14	-16.04	0.06	-1.20	64.97	49.61	50.19	42.41	50.94	51.83	60 dBA: 108	119
Total:				68.35	62.69	61.54	55.38	63.80	64.45		55 dBA: 232	256

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITHOUT PROJECT

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Airport Way		Segment: South of Hastings Drive		Roadway Classification: 6-Lane Arterial								
Average Daily Traffic: 7500 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
Noise Adjustments			Unmitigated Noise Levels									
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL	
Automobiles	69.34	-3.45	0.06	-1.20	64.76	62.39	61.09	55.04	63.47	64.10	70 dBA: 23	25
Medium Trucks	77.62	-18.32	0.06	-1.20	58.17	39.42	42.43	36.41	43.61	44.42	65 dBA: 49	55
Heavy Trucks	82.14	-16.10	0.06	-1.20	64.91	49.56	50.14	42.36	50.88	51.77	60 dBA: 107	118
Total:				68.29	62.63	61.48	55.32	63.75	64.39		55 dBA: 230	254

Road Name: Airport Way		Segment: South of Louise Way		Roadway Classification: 6-Lane Arterial								
Average Daily Traffic: 11100 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
Noise Adjustments			Unmitigated Noise Levels									
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL	
Automobiles	69.34	-1.75	0.06	-1.20	66.46	64.09	62.80	56.74	65.17	65.80	70 dBA: 30	33
Medium Trucks	77.62	-16.61	0.06	-1.20	59.87	41.12	44.13	38.11	45.31	46.13	65 dBA: 64	71
Heavy Trucks	82.14	-14.39	0.06	-1.20	66.61	51.26	51.84	44.06	52.59	53.48	60 dBA: 138	153
Total:				69.99	64.33	63.19	57.03	65.45	66.10		55 dBA: 298	329

Road Name: Union Road		Segment: North of Lathrop Road		Roadway Classification: 4-Lane Arterial								
Average Daily Traffic: 6000 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)												
Noise Adjustments			Unmitigated Noise Levels									
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL	
Automobiles	69.34	-4.42	-0.77	-1.20	62.95	60.58	59.29	53.23	61.66	62.30	70 dBA: 17	19
Medium Trucks	77.62	-19.28	-0.77	-1.20	56.36	37.61	40.62	34.60	41.80	42.62	65 dBA: 38	41
Heavy Trucks	82.14	-17.07	-0.77	-1.20	63.10	47.75	48.33	40.55	49.08	49.97	60 dBA: 81	89
Total:				66.48	60.82	59.68	53.52	61.94	62.59		55 dBA: 174	192

Road Name: Union Road		Segment: South of Lathrop Road		Roadway Classification: 4-Lane Arterial								
Average Daily Traffic: 9600 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)												
Noise Adjustments			Unmitigated Noise Levels									
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL	
Automobiles	69.34	-2.38	-0.77	-1.20	64.99	62.62	61.33	55.27	63.71	64.34	70 dBA: 24	26
Medium Trucks	77.62	-17.24	-0.77	-1.20	58.41	39.65	42.66	36.64	43.85	44.66	65 dBA: 51	57
Heavy Trucks	82.14	-15.03	-0.77	-1.20	65.14	49.79	50.37	42.59	51.12	52.01	60 dBA: 111	122
Total:				68.52	62.86	61.72	55.56	63.98	64.63		55 dBA: 238	263

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITHOUT PROJECT

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: French Camp Road		Segment:		West of Airport Way									
Average Daily Traffic: 8700 Vehicles		Vehicle Speed: 55 MPH		Vehicle Mix: 1									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL		
Automobiles	72.73	-3.68	-0.77	-1.20	67.08	64.70	63.41	57.36	65.79	66.42	70 dBA:	32	36
Medium Trucks	79.85	-18.54	-0.77	-1.20	59.34	40.59	43.60	37.58	44.78	45.59	65 dBA:	70	77
Heavy Trucks	83.81	-16.32	-0.77	-1.20	65.52	50.17	50.75	42.96	51.49	52.38	60 dBA:	150	166
Total:				69.79	64.87	63.68	57.56	65.98	66.62		55 dBA:	324	357

Road Name: French Camp Road		Segment:		East of Airport Way									
Average Daily Traffic: 9300 Vehicles		Vehicle Speed: 55 MPH		Vehicle Mix: 1									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL		
Automobiles	72.73	-3.39	-0.77	-1.20	67.37	64.99	63.70	57.65	66.08	66.71	70 dBA:	34	37
Medium Trucks	79.85	-18.25	-0.77	-1.20	59.63	40.88	43.89	37.87	45.07	45.88	65 dBA:	73	80
Heavy Trucks	83.81	-16.03	-0.77	-1.20	65.81	50.46	51.04	43.25	51.78	52.67	60 dBA:	157	173
Total:				70.08	65.16	63.97	57.85	66.27	66.91		55 dBA:	338	373

Road Name: Roth Road		Segment:		West of Lathrop Intermodal Driveway									
Average Daily Traffic: 6100 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL		
Automobiles	69.34	-4.62	0.06	-1.20	63.59	60.57	59.29	53.24	61.66	62.29	70 dBA:	22	24
Medium Trucks	77.62	-18.68	0.06	-1.20	57.81	39.57	44.88	26.58	40.03	42.64	65 dBA:	47	51
Heavy Trucks	82.14	-13.91	0.06	-1.20	67.10	54.17	54.17	51.61	58.49	58.91	60 dBA:	101	110
Total:				69.04	61.49	60.57	55.52	63.39	63.96		55 dBA:	218	238

Road Name: Roth Road		Segment:		West of Airport Way									
Average Daily Traffic: 3600 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL		
Automobiles	69.34	-6.91	0.06	-1.20	61.30	58.28	57.00	50.95	59.37	60.00	70 dBA:	15	17
Medium Trucks	77.62	-20.97	0.06	-1.20	55.52	37.28	42.59	24.29	37.74	40.35	65 dBA:	33	36
Heavy Trucks	82.14	-16.20	0.06	-1.20	64.81	51.88	51.88	49.32	56.20	56.62	60 dBA:	71	78
Total:				66.75	59.20	58.28	53.23	61.10	61.67		55 dBA:	153	167

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITHOUT PROJECT

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Daisywood Drive		Segment: East of Airport Way				Roadway Classification: Collector					
Average Daily Traffic: 700 Vehicles		Vehicle Speed: 25 MPH		Vehicle Mix: 2		Roadway Classification: Collector					
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 59.32 ft)											
Noise Adjustments					Unmitigated Noise Levels						
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	Centerline Distance to Noise Contour (in feet)	Ldn CNEL	
Automobiles	59.44	-10.95	-1.22	-1.20	46.07	43.95	42.64	36.63	45.05	45.67	70 dBA: 1
Medium Trucks	71.09	-28.19	-1.22	-1.20	40.48	19.24	25.26	6.96	20.11	22.86	65 dBA: 3
Heavy Trucks	78.74	-32.14	-1.22	-1.20	44.18	18.83	15.43	20.08	26.28	26.37	60 dBA: 6
Total:				48.91	43.98	42.73	36.73	45.12	45.75		55 dBA: 13

Road Name: Lathrop Road		Segment: West of 5th Street				Roadway Classification: 4-Lane Arterial					
Average Daily Traffic: 14600 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1		Roadway Classification: 4-Lane Arterial					
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)											
Noise Adjustments					Unmitigated Noise Levels						
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	Centerline Distance to Noise Contour (in feet)	Ldn CNEL	
Automobiles	69.34	-0.56	-0.77	-1.20	66.82	64.44	63.15	57.10	65.53	66.16	70 dBA: 31
Medium Trucks	77.62	-15.42	-0.77	-1.20	60.23	41.48	44.49	38.47	45.67	46.48	65 dBA: 68
Heavy Trucks	82.14	-13.20	-0.77	-1.20	66.96	51.61	52.19	44.41	52.94	53.83	60 dBA: 146
Total:				70.35	64.68	63.54	57.38	65.80	66.45		55 dBA: 315

Road Name: Lathrop Road		Segment: West of McKinley Avenue				Roadway Classification: 4-Lane Arterial					
Average Daily Traffic: 14900 Vehicles		Vehicle Speed: 50 MPH		Vehicle Mix: 1		Roadway Classification: 4-Lane Arterial					
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)											
Noise Adjustments					Unmitigated Noise Levels						
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	Centerline Distance to Noise Contour (in feet)	Ldn CNEL	
Automobiles	71.12	-0.93	-0.77	-1.20	68.22	65.85	64.56	58.50	66.93	67.56	70 dBA: 39
Medium Trucks	78.79	-15.79	-0.77	-1.20	61.03	42.28	45.29	39.27	46.47	47.28	65 dBA: 84
Heavy Trucks	83.02	-13.57	-0.77	-1.20	67.47	52.12	52.70	44.92	53.45	54.34	60 dBA: 180
Total:				71.30	66.05	64.88	58.74	67.16	67.80		55 dBA: 388

Road Name: Lathrop Road		Segment: West of Airport Way				Roadway Classification: 4-Lane Arterial					
Average Daily Traffic: 12800 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 1		Roadway Classification: 4-Lane Arterial					
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)											
Noise Adjustments					Unmitigated Noise Levels						
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	Centerline Distance to Noise Contour (in feet)	Ldn CNEL	
Automobiles	69.34	-1.13	-0.77	-1.20	66.24	63.87	62.58	56.52	64.96	65.59	70 dBA: 29
Medium Trucks	77.62	-15.99	-0.77	-1.20	59.65	40.90	43.91	37.89	45.10	45.91	65 dBA: 62
Heavy Trucks	82.14	-13.78	-0.77	-1.20	66.39	51.04	51.62	43.84	52.37	53.26	60 dBA: 134
Total:				69.77	64.11	62.97	56.81	65.23	65.88		55 dBA: 289

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITHOUT PROJECT

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name:	Lathrop Road	Segment:	East of Airport Way			Roadway Classification:	4-Lane Arterial			
Average Daily Traffic:	10500 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1			(Equiv. Lane Dist: 55.42 ft)	Centerline Distance to			
		Noise Adjustments		Unmitigated Noise Levels		Noise Contour (in feet)				
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	
Automobiles	69.34	-1.99	-0.77	-1.20	65.38	63.01	61.72	55.66	64.10	64.73
Medium Trucks	77.62	-16.85	-0.77	-1.20	58.79	40.04	43.05	37.03	44.24	45.05
Heavy Trucks	82.14	-14.64	-0.77	-1.20	65.53	50.18	50.76	42.98	51.51	52.40
Total:	68.91	63.25	62.11	55.95	64.37	65.02			70 dBA:	25
									65 dBA:	54
									60 dBA:	117
									55 dBA:	253
									55 dBA:	279

Road Name:	Lathrop Road	Segment:	East of Union Road			Roadway Classification:	4-Lane Arterial			
Average Daily Traffic:	13400 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1			(Equiv. Lane Dist: 55.42 ft)	Centerline Distance to			
		Noise Adjustments		Unmitigated Noise Levels		Noise Contour (in feet)				
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	
Automobiles	69.34	-0.93	-0.77	-1.20	66.44	64.07	62.78	56.72	65.15	65.79
Medium Trucks	77.62	-15.80	-0.77	-1.20	59.85	41.10	44.11	38.09	45.29	46.11
Heavy Trucks	82.14	-13.58	-0.77	-1.20	66.59	51.24	51.82	44.04	52.57	53.46
Total:	69.97	64.31	63.17	57.01	65.43	66.08			70 dBA:	30
									65 dBA:	64
									60 dBA:	138
									55 dBA:	297
									55 dBA:	329

Road Name:	Hastings Drive	Segment:	East of Airport Way			Roadway Classification:	Collector			
Average Daily Traffic:	1200 Vehicles	Vehicle Speed: 25 MPH	Vehicle Mix: 2			(Equiv. Lane Dist: 59.32 ft)	Centerline Distance to			
		Noise Adjustments		Unmitigated Noise Levels		Noise Contour (in feet)				
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	
Automobiles	59.44	-8.61	-1.22	-1.20	48.42	46.29	44.98	38.97	47.39	48.01
Medium Trucks	71.09	-25.84	-1.22	-1.20	42.83	21.58	27.60	9.30	22.45	25.20
Heavy Trucks	78.74	-29.80	-1.22	-1.20	46.52	21.17	17.77	22.42	28.62	28.72
Total:	51.25	46.32	45.07	39.07	47.46	48.09			70 dBA:	2
									65 dBA:	4
									60 dBA:	9
									55 dBA:	19
									55 dBA:	21

Road Name:	Louise Avenue	Segment:	West of Airport Way			Roadway Classification:	4-Lane Arterial			
Average Daily Traffic:	11200 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1			(Equiv. Lane Dist: 55.42 ft)	Centerline Distance to			
		Noise Adjustments		Unmitigated Noise Levels		Noise Contour (in feet)				
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	
Automobiles	69.34	-1.71	-0.77	-1.20	65.66	63.29	62.00	55.94	64.38	65.01
Medium Trucks	77.62	-16.57	-0.77	-1.20	59.07	40.32	43.33	37.31	44.52	45.33
Heavy Trucks	82.14	-14.36	-0.77	-1.20	65.81	50.46	51.04	43.26	51.79	52.68
Total:	69.19	63.53	62.39	56.23	64.65	65.30			70 dBA:	26
									65 dBA:	57
									60 dBA:	123
									55 dBA:	264
									55 dBA:	292

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITHOUT PROJECT

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Louise Avenue	Segment: East of Airport Way							Roadway Classification: 4-Lane Arterial					
Average Daily Traffic: 11500 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1				(Equiv. Lane Dist: 55.42 ft)	Centerline Distance to Noise Contour (in feet)						
		NOISE PARAMETERS AT 60 FEET FROM CENTERLINE											
		Noise Adjustments			Unmitigated Noise Levels								
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	69.34	-1.59	-0.77	-1.20	65.78	63.41	62.11	56.06	64.49	65.12	70 dBA:	27	30
Medium Trucks	77.62	-16.46	-0.77	-1.20	59.19	40.44	43.45	37.43	44.63	45.44	65 dBA:	58	64
Heavy Trucks	82.14	-14.24	-0.77	-1.20	65.93	50.58	51.16	43.37	51.90	52.79	60 dBA:	125	138
				Total:	69.31	63.65	62.50	56.34	64.77	65.41	55 dBA:	269	297

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan Site Conditions: Soft

Vehicle Type	Vehicle Mix 1 (Arterials)			Vehicle Mix 2 (Collectors)			Vehicle Mix 3 (Arterials With Project)					
	Day	Evening	Night	Day	Evening	Night	Day	Evening	Night			
Automobiles	69.50%	12.90%	9.60%	92.00%	73.60%	13.60%	10.22%	97.40%	59.82%	11.15%	8.30%	86.43%
Medium Trucks	1.60%	0.80%	0.60%	3.00%	0.90%	0.90%	0.04%	1.84%	1.80%	1.53%	0.07%	3.39%
Heavy Trucks	3.50%	1.00%	0.50%	5.00%	0.35%	0.04%	0.35%	0.74%	6.11%	1.53%	2.55%	10.18%

Road Name: 5th Street		Segment: North of Lathrop Road		Roadway Classification: Collector														
Average Daily Traffic: 4300 Vehicles		Vehicle Speed: 25 MPH		Vehicle Mix: 2														
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 59.32 ft)																		
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)											
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL									
Automobiles	59.44	-3.06	-1.22	-1.20	53.96	51.84	50.52	44.51	52.93	53.56	70 dBA:	4	5					
Medium Trucks	71.09	-20.30	-1.22	-1.20	48.37	27.12	33.14	14.85	27.99	30.74	65 dBA:	10	10					
Heavy Trucks	78.74	-24.26	-1.22	-1.20	52.07	26.71	23.32	27.96	34.16	34.26	60 dBA:	20	23					
Total:											56.80	51.86	50.61	44.61	53.00	53.63	44	49

Road Name: McKinley Avenue		Segment: South of Lathrop Road		Roadway Classification: 4-Lane Arterial														
Average Daily Traffic: 1800 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3														
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)																		
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)											
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL									
Automobiles	69.34	-9.92	-0.77	-1.20	57.45	54.43	53.15	47.10	55.52	56.16	70 dBA:	8	9					
Medium Trucks	77.62	-23.98	-0.77	-1.20	51.67	33.43	38.74	20.44	33.89	36.51	65 dBA:	18	20					
Heavy Trucks	82.14	-19.21	-0.77	-1.20	60.96	48.03	48.03	45.48	52.36	52.77	60 dBA:	39	43					
Total:											62.90	55.35	54.44	49.38	57.25	57.83	85	93

Road Name: Airport Way		Segment: North of French Camp Road		Roadway Classification: 6-Lane Arterial														
Average Daily Traffic: 8700 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3														
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)																		
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)											
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL									
Automobiles	69.34	-3.08	0.06	-1.20	65.13	62.11	60.83	54.78	63.20	63.84	70 dBA:	28	30					
Medium Trucks	77.62	-17.14	0.06	-1.20	59.35	41.11	46.42	28.12	41.57	44.19	65 dBA:	59	65					
Heavy Trucks	82.14	-12.36	0.06	-1.20	68.64	55.71	55.71	53.16	60.04	60.45	60 dBA:	128	140					
Total:											70.58	63.03	62.12	57.06	64.93	65.51	276	301

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Airport Way		Segment: North of Roth Road		Roadway Classification: 6-Lane Arterial									
Average Daily Traffic: 6800 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-4.15	0.06	-1.20	64.06	61.04	59.76	53.71	62.13	62.77	70 dBA:	23	26
Medium Trucks	77.62	-18.21	0.06	-1.20	58.28	40.04	45.35	27.05	40.50	43.11	65 dBA:	50	55
Heavy Trucks	82.14	-13.43	0.06	-1.20	67.57	54.64	54.64	52.09	58.97	59.38	60 dBA:	109	119
Total: 69.51 61.96 61.05 55.99 63.86 64.44													

Road Name: Airport Way		Segment: South of Roth Road		Roadway Classification: 6-Lane Arterial									
Average Daily Traffic: 7000 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-4.02	0.06	-1.20	64.19	61.17	59.89	53.83	62.26	62.89	70 dBA:	24	26
Medium Trucks	77.62	-18.08	0.06	-1.20	58.41	40.16	45.47	27.18	40.63	43.24	65 dBA:	51	56
Heavy Trucks	82.14	-13.31	0.06	-1.20	67.70	54.76	54.76	52.21	59.09	59.50	60 dBA:	111	121
Total: 69.64 62.09 61.17 56.11 63.99 64.56													

Road Name: Airport Way		Segment: South of Daisyywood Drive		Roadway Classification: 6-Lane Arterial									
Average Daily Traffic: 8500 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-3.18	0.06	-1.20	65.03	62.01	60.73	54.68	63.10	63.73	70 dBA:	27	30
Medium Trucks	77.62	-17.24	0.06	-1.20	59.25	41.01	46.32	28.02	41.47	44.08	65 dBA:	58	64
Heavy Trucks	82.14	-12.47	0.06	-1.20	68.54	55.61	55.61	53.05	59.93	60.35	60 dBA:	126	138
Total: 70.48 62.93 62.01 56.96 64.83 65.41													

Road Name: Airport Way		Segment: South of Lathrop Road		Roadway Classification: 6-Lane Arterial									
Average Daily Traffic: 8200 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-3.33	0.06	-1.20	64.88	61.85	60.58	54.52	62.95	63.58	70 dBA:	26	29
Medium Trucks	77.62	-17.39	0.06	-1.20	59.09	40.85	46.16	27.87	41.32	43.93	65 dBA:	57	62
Heavy Trucks	82.14	-12.62	0.06	-1.20	68.38	55.45	55.45	52.90	59.78	60.19	60 dBA:	123	134
Total: 70.32 62.78 61.86 56.80 64.68 65.25													

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Airport Way		Segment: South of Hastings Drive		Roadway Classification: 6-Lane Arterial									
Average Daily Traffic: 8300 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-3.28	0.06	-1.20	64.93	61.90	60.63	54.57	63.00	63.63	70 dBA:	27	29
Medium Trucks	77.62	-17.34	0.06	-1.20	59.15	40.90	46.21	27.92	41.37	43.98	65 dBA:	58	63
Heavy Trucks	82.14	-12.57	0.06	-1.20	68.44	55.50	55.50	52.95	59.83	60.24	60 dBA:	124	135
Total:				70.38	62.83	61.91	56.85	64.73	65.30		55 dBA:	267	292

Road Name: Airport Way		Segment: South of Louise Way		Roadway Classification: 6-Lane Arterial									
Average Daily Traffic: 11700 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-1.79	0.06	-1.20	66.42	63.40	62.12	56.07	64.49	65.12	70 dBA:	34	37
Medium Trucks	77.62	-15.85	0.06	-1.20	60.64	42.39	47.70	29.41	42.86	45.47	65 dBA:	72	79
Heavy Trucks	82.14	-11.08	0.06	-1.20	69.93	56.99	56.99	54.44	61.32	61.74	60 dBA:	156	170
Total:				71.87	64.32	63.40	58.35	66.22	66.79		55 dBA:	336	367

Road Name: Union Road		Segment: North of Lathrop Road		Roadway Classification: 4-Lane Arterial									
Average Daily Traffic: 6000 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-4.69	-0.77	-1.20	62.68	59.66	58.38	52.33	60.75	61.38	70 dBA:	19	21
Medium Trucks	77.62	-18.75	-0.77	-1.20	56.90	38.66	43.97	25.67	39.12	41.73	65 dBA:	41	45
Heavy Trucks	82.14	-13.98	-0.77	-1.20	66.19	53.26	53.26	50.70	57.58	58.00	60 dBA:	88	96
Total:				68.13	60.58	59.66	54.61	62.48	63.06		55 dBA:	189	207

Road Name: Union Road		Segment: South of Lathrop Road		Roadway Classification: 4-Lane Arterial									
Average Daily Traffic: 9800 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-2.56	-0.77	-1.20	64.81	61.79	60.51	54.46	62.88	63.52	70 dBA:	26	29
Medium Trucks	77.62	-16.62	-0.77	-1.20	59.03	40.79	46.10	27.80	41.25	43.87	65 dBA:	57	62
Heavy Trucks	82.14	-11.85	-0.77	-1.20	68.32	55.39	55.39	52.84	59.72	60.13	60 dBA:	122	133
Total:				70.26	62.71	61.80	56.74	64.61	65.19		55 dBA:	262	287

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: French Camp Road		Segment:		West of Airport Way															
Average Daily Traffic: 8700 Vehicles		Vehicle Speed: 55 MPH		Vehicle Mix: 3															
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)																			
Noise Adjustments			Unmitigated Noise Levels																
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL							
Automobiles	72.73	-3.95	-0.77	-1.20	66.81	63.78	62.51	56.45	64.88	65.51	70 dBA:	33	36						
Medium Trucks	79.85	-18.01	-0.77	-1.20	59.87	41.63	46.94	28.65	42.10	44.71	65 dBA:	71	78						
Heavy Trucks	83.81	-13.24	-0.77	-1.20	68.61	55.67	55.67	53.12	60.00	60.41	60 dBA:	153	168						
Total:											71.14	64.43	63.42	58.11	66.12	66.71	55 dBA:	331	362

Road Name: French Camp Road		Segment:		East of Airport Way															
Average Daily Traffic: 9300 Vehicles		Vehicle Speed: 55 MPH		Vehicle Mix: 3															
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)																			
Noise Adjustments			Unmitigated Noise Levels																
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL							
Automobiles	72.73	-3.66	-0.77	-1.20	67.09	64.07	62.80	56.74	65.17	65.80	70 dBA:	35	38						
Medium Trucks	79.85	-17.72	-0.77	-1.20	60.16	41.92	47.23	28.94	42.39	45.00	65 dBA:	74	82						
Heavy Trucks	83.81	-12.95	-0.77	-1.20	68.90	55.96	55.96	53.41	60.29	60.70	60 dBA:	160	176						
Total:											71.43	64.72	63.71	58.40	66.41	67.00	55 dBA:	346	378

Road Name: Roth Road		Segment:		West of Lathrop Intermodal Driveway															
Average Daily Traffic: 7500 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3															
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)																			
Noise Adjustments			Unmitigated Noise Levels																
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL							
Automobiles	69.34	-3.72	0.06	-1.20	64.49	61.46	60.19	54.13	62.56	63.19	70 dBA:	25	27						
Medium Trucks	77.62	-17.78	0.06	-1.20	58.71	40.46	45.77	27.48	40.93	43.54	65 dBA:	54	59						
Heavy Trucks	82.14	-13.01	0.06	-1.20	68.00	55.06	55.06	52.51	59.39	59.80	60 dBA:	116	127						
Total:											69.94	62.39	61.47	56.41	64.29	64.86	55 dBA:	250	273

Road Name: Roth Road		Segment:		West of Airport Way															
Average Daily Traffic: 5000 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3															
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)																			
Noise Adjustments			Unmitigated Noise Levels																
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)	Ldn	CNEL							
Automobiles	69.34	-5.48	0.06	-1.20	62.73	59.70	58.43	52.37	60.80	61.43	70 dBA:	19	21						
Medium Trucks	77.62	-19.54	0.06	-1.20	56.94	38.70	44.01	25.72	39.17	41.78	65 dBA:	41	45						
Heavy Trucks	82.14	-14.77	0.06	-1.20	66.24	53.30	53.30	50.75	57.63	58.04	60 dBA:	88	97						
Total:											68.18	60.63	59.71	54.65	62.53	63.10	55 dBA:	191	208

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name:	Daisywood Drive		Segment:		East of Airport Way		Roadway Classification: Collector			
	Average Daily Traffic:	800 Vehicles	Vehicle Speed:	25 MPH	Vehicle Mix:	2	Centerline Distance to Noise Contour (in feet)			
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 59.32 ft)										
Noise Adjustments			Unmitigated Noise Levels							
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	
Automobiles	59.44	-10.37	-1.22	-1.20	46.65	44.53	43.22	37.21	45.63	46.25
Medium Trucks	71.09	-27.61	-1.22	-1.20	41.06	19.82	25.84	7.54	20.69	23.44
Heavy Trucks	78.74	-31.56	-1.22	-1.20	44.76	19.41	16.01	20.66	26.86	26.95
Total:				49.49	44.56	43.31	37.31	45.70	46.33	

Road Name:	Lathrop Road		Segment:		West of 5th Street		Roadway Classification: 4-Lane Arterial			
	Average Daily Traffic:	15400 Vehicles	Vehicle Speed:	45 MPH	Vehicle Mix:	3	Centerline Distance to Noise Contour (in feet)			
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)										
Noise Adjustments			Unmitigated Noise Levels							
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	
Automobiles	69.34	-0.60	-0.77	-1.20	66.78	63.75	62.48	56.42	64.85	65.48
Medium Trucks	77.62	-14.66	-0.77	-1.20	60.99	42.75	48.06	29.77	43.22	45.83
Heavy Trucks	82.14	-9.88	-0.77	-1.20	70.28	57.35	54.80	61.68	62.09	62.09
Total:				72.22	64.68	63.76	58.70	66.58	67.15	

Road Name:	Lathrop Road		Segment:		West of McKinley Avenue		Roadway Classification: 4-Lane Arterial			
	Average Daily Traffic:	15700 Vehicles	Vehicle Speed:	50 MPH	Vehicle Mix:	3	Centerline Distance to Noise Contour (in feet)			
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)										
Noise Adjustments			Unmitigated Noise Levels							
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	
Automobiles	71.12	-0.97	-0.77	-1.20	68.18	65.15	63.88	57.82	66.25	66.88
Medium Trucks	78.79	-15.03	-0.77	-1.20	61.79	43.55	48.86	30.57	44.01	46.63
Heavy Trucks	83.02	-10.26	-0.77	-1.20	70.79	57.86	54.30	62.18	62.60	62.60
Total:				73.03	65.92	64.95	59.76	67.70	68.29	

Road Name:	Lathrop Road		Segment:		West of Airport Way		Roadway Classification: 4-Lane Arterial			
	Average Daily Traffic:	13500 Vehicles	Vehicle Speed:	45 MPH	Vehicle Mix:	3	Centerline Distance to Noise Contour (in feet)			
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)										
Noise Adjustments			Unmitigated Noise Levels							
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL	
Automobiles	69.34	-1.17	-0.77	-1.20	66.20	63.18	61.90	55.85	64.27	64.91
Medium Trucks	77.62	-15.23	-0.77	-1.20	60.42	42.18	47.49	29.20	42.64	45.26
Heavy Trucks	82.14	-10.46	-0.77	-1.20	69.71	56.78	54.23	61.11	61.52	61.52
Total:				71.65	64.10	63.19	58.13	66.00	66.58	

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name:	Lathrop Road	Segment:	East of Airport Way	Roadway Classification:
Average Daily Traffic:	11300 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 3	4-Lane Arterial
	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)			
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Ldn CNEL
Automobiles	69.34	-1.94	-0.77	29
Medium Trucks	77.62	-16.00	-0.77	62
Heavy Trucks	82.14	-11.23	-0.77	134
Total:	70.88	63.33	62.41	289
				65.81
				70 dBA:
				62
				60 dBA:
				134
				55 dBA:
				289

Road Name:	Lathrop Road	Segment:	East of Union Road	Roadway Classification:
Average Daily Traffic:	14300 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 3	4-Lane Arterial
	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)			
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Ldn CNEL
Automobiles	69.34	-0.92	-1.20	34
Medium Trucks	77.62	-14.98	-0.77	73
Heavy Trucks	82.14	-10.21	-0.77	157
Total:	71.90	64.35	63.44	338
				66.83
				70 dBA:
				34
				65 dBA:
				73
				60 dBA:
				157
				55 dBA:
				338

Road Name:	Hastings Drive	Segment:	East of Airport Way	Roadway Classification:
Average Daily Traffic:	1300 Vehicles	Vehicle Speed: 25 MPH	Vehicle Mix: 2	Collector
	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 59.32 ft)			
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Ldn CNEL
Automobiles	59.44	-8.26	-1.22	2
Medium Trucks	71.09	-25.50	-1.22	4
Heavy Trucks	78.74	-29.45	-1.22	9
Total:	51.60	46.67	45.41	20
				48.43
				70 dBA:
				2
				65 dBA:
				4
				60 dBA:
				9
				55 dBA:
				20

Road Name:	Louise Avenue	Segment:	West of Airport Way	Roadway Classification:
Average Daily Traffic:	11300 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 3	4-Lane Arterial
	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)			
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Ldn CNEL
Automobiles	69.34	-1.94	-0.77	29
Medium Trucks	77.62	-16.00	-0.77	62
Heavy Trucks	82.14	-11.23	-0.77	134
Total:	70.88	63.33	62.41	289
				65.81
				70 dBA:
				29
				65 dBA:
				62
				60 dBA:
				134
				55 dBA:
				289

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: EXISTING WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Louise Avenue	Segment: East of Airport Way	Roadway Classification: 4-Lane Arterial							
Average Daily Traffic: 11700 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 3	Roadway Classification: 4-Lane Arterial						
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)									
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	-1.79	-0.77	-1.20	65.58	62.56	61.28	55.23	63.65	64.29
Medium Trucks	-15.85	-0.77	-1.20	59.80	41.56	46.87	28.57	42.02	44.63
Heavy Trucks	-11.08	-0.77	-1.20	69.09	56.16	56.16	53.61	60.48	60.90
Total:				71.03	63.48	62.57	57.51	65.38	65.96
								70 dBA:	30
								65 dBA:	64
								60 dBA:	137
								55 dBA:	295
									323

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITHOUT PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name:	Airport Way	Segment:	North of Roth Road	Roadway Classification:								
Average Daily Traffic:	17000 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1	6-Lane Arterial								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)								
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj.	Ldn	CNEL							
Automobiles	69.34	0.10	-1.20	68.31	65.94	64.65	58.59	67.03	67.66	70 dBA:	40	44
Medium Trucks	77.62	-14.76	0.06	61.72	42.97	45.98	39.96	47.16	47.98	65 dBA:	85	94
Heavy Trucks	82.14	-12.54	0.06	68.46	53.11	53.69	45.91	54.44	55.33	60 dBA:	184	203
Total:				71.84	66.18	65.04	58.88	67.30	67.95	55 dBA:	396	438

Road Name:	Airport Way	Segment:	South of Roth Road	Roadway Classification:								
Average Daily Traffic:	14700 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1	6-Lane Arterial								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)								
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj.	Ldn	CNEL							
Automobiles	69.34	-0.53	-1.20	67.68	65.31	64.02	57.96	66.39	67.02	70 dBA:	36	40
Medium Trucks	77.62	-15.39	0.06	61.09	42.34	45.35	39.33	46.53	47.35	65 dBA:	78	86
Heavy Trucks	82.14	-13.17	0.06	67.83	52.48	53.06	45.28	53.81	54.70	60 dBA:	167	184
Total:				71.21	65.55	64.41	58.25	66.67	67.32	55 dBA:	360	397

Road Name:	Airport Way	Segment:	South of Daisyywood Drive	Roadway Classification:								
Average Daily Traffic:	26900 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1	6-Lane Arterial								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)								
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj.	Ldn	CNEL							
Automobiles	69.34	2.10	-1.20	70.31	67.93	66.64	60.59	69.02	69.65	70 dBA:	54	59
Medium Trucks	77.62	-12.77	0.06	63.72	44.97	47.98	41.96	49.16	49.97	65 dBA:	116	128
Heavy Trucks	82.14	-10.55	0.06	70.46	55.10	55.68	47.90	56.43	57.32	60 dBA:	250	276
Total:				73.84	68.18	67.03	60.87	69.29	69.94	55 dBA:	538	594

Road Name:	Airport Way	Segment:	South of Lathrop Road	Roadway Classification:								
Average Daily Traffic:	20400 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1	6-Lane Arterial								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)												
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)								
Vehicle Type	REME L Traffic Adj.	Dist Adj.	Finite Adj.	Ldn	CNEL							
Automobiles	69.34	0.90	-1.20	69.10	66.73	65.44	59.39	67.82	68.45	70 dBA:	45	49
Medium Trucks	77.62	-13.97	0.06	62.52	43.77	46.78	40.76	47.96	48.77	65 dBA:	96	107
Heavy Trucks	82.14	-11.75	0.06	69.25	53.90	54.48	46.70	55.23	56.12	60 dBA:	208	229
Total:				72.63	66.97	65.83	59.67	68.09	68.74	55 dBA:	448	494

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITHOUT PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Airport Way **Segment:** South of Hastings Drive

Average Daily Traffic: 20300 Vehicles Vehicle Speed: 45 MPH Vehicle Mix: 1 Roadway Classification: 6-Lane Arterial

Vehicle Type	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)					Centerline Distance to Noise Contour (in feet)			
	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	69.34	0.88	-1.20	69.08	66.71	65.42	59.36	67.80	68.43
Medium Trucks	77.62	-13.99	0.06	62.49	43.74	46.75	40.73	47.94	48.75
Heavy Trucks	82.14	-11.77	0.06	69.23	53.88	54.46	46.68	55.21	56.10
Total:	72.61	66.95	65.81	59.65	68.07	68.72			

Road Name: Airport Way **Segment:** South of Louise Way

Average Daily Traffic: 24000 Vehicles Vehicle Speed: 45 MPH Vehicle Mix: 1 Roadway Classification: 6-Lane Arterial

Vehicle Type	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)					Centerline Distance to Noise Contour (in feet)			
	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	69.34	1.60	-1.20	69.81	67.44	66.15	60.09	68.52	69.15
Medium Trucks	77.62	-13.26	0.06	63.22	44.47	47.48	41.46	48.66	49.48
Heavy Trucks	82.14	-11.05	0.06	69.96	54.61	55.19	47.41	55.93	56.83
Total:	73.34	67.68	66.53	60.38	68.80	69.44			

Road Name: Union Road

Segment: North of Lathrop Road

Average Daily Traffic: 21400 Vehicles Vehicle Speed: 45 MPH Vehicle Mix: 1 Roadway Classification: 4-Lane Arterial

Vehicle Type	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)					Centerline Distance to Noise Contour (in feet)			
	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	69.34	1.10	-0.77	68.48	66.10	64.81	58.76	67.19	67.82
Medium Trucks	77.62	-13.76	-0.77	61.89	43.14	46.15	40.13	47.33	48.14
Heavy Trucks	82.14	-11.54	-0.77	68.62	53.27	53.85	46.07	54.60	55.49
Total:	72.01	66.35	65.20	59.04	67.46	68.11			

Road Name: Union Road

Segment: South of Lathrop Road

Average Daily Traffic: 18000 Vehicles Vehicle Speed: 45 MPH Vehicle Mix: 1 Roadway Classification: 4-Lane Arterial

Vehicle Type	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)					Centerline Distance to Noise Contour (in feet)			
	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	69.34	0.35	-0.77	67.72	65.35	64.06	58.00	66.44	67.07
Medium Trucks	77.62	-14.51	-0.77	61.14	42.38	45.39	39.37	46.58	47.39
Heavy Trucks	82.14	-12.30	-0.77	67.87	52.52	53.10	45.32	53.85	54.74
Total:	71.25	65.59	64.45	58.29	66.71	67.36			

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITHOUT PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: French Camp Road		Segment: West of Airport Way		Roadway Classification: 4-Lane Arterial									
Average Daily Traffic: 12500 Vehicles		Vehicle Speed: 55 MPH		Vehicle Mix: 1									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	72.73	-2.10	-0.77	-1.20	68.65	66.28	64.99	58.93	67.36	67.99	70 dBA:	41	45
Medium Trucks	79.85	-16.97	-0.77	-1.20	60.91	42.16	45.17	39.15	46.35	47.17	65 dBA:	89	98
Heavy Trucks	83.81	-14.75	-0.77	-1.20	67.09	51.74	52.32	44.54	53.07	53.96	60 dBA:	191	211
Total:				71.36	66.44	65.26	59.13	67.55	68.20		55 dBA:	412	455

Road Name: French Camp Road		Segment: East of Airport Way		Roadway Classification: 4-Lane Arterial									
Average Daily Traffic: 15600 Vehicles		Vehicle Speed: 55 MPH		Vehicle Mix: 1									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	72.73	-1.14	-0.77	-1.20	69.61	67.24	65.95	59.89	68.32	68.96	70 dBA:	48	53
Medium Trucks	79.85	-16.01	-0.77	-1.20	61.87	43.12	46.13	40.11	47.31	48.13	65 dBA:	103	114
Heavy Trucks	83.81	-13.79	-0.77	-1.20	68.05	52.70	53.28	45.50	54.03	54.92	60 dBA:	222	245
Total:				72.32	67.41	66.22	60.09	68.52	69.16		55 dBA:	478	527

Road Name: Roth Road		Segment: West of Lathrop Intermodal Driveway		Roadway Classification: 6-Lane Arterial									
Average Daily Traffic: 14800 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-0.77	0.06	-1.20	67.44	64.42	63.14	57.09	65.51	66.14	70 dBA:	39	43
Medium Trucks	77.62	-14.83	0.06	-1.20	61.66	43.42	48.73	30.43	43.88	46.49	65 dBA:	85	92
Heavy Trucks	82.14	-10.06	0.06	-1.20	70.95	58.02	58.02	55.46	62.34	62.76	60 dBA:	182	199
Total:				72.89	65.34	64.42	59.37	67.24	67.81		55 dBA:	393	429

Road Name: Roth Road		Segment: West of Airport Way		Roadway Classification: 6-Lane Arterial									
Average Daily Traffic: 9200 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-2.83	0.06	-1.20	65.38	62.35	61.08	55.02	63.45	64.08	70 dBA:	29	31
Medium Trucks	77.62	-16.89	0.06	-1.20	59.59	41.35	46.66	28.37	41.82	44.43	65 dBA:	62	67
Heavy Trucks	82.14	-12.12	0.06	-1.20	68.88	55.95	55.95	53.40	60.28	60.69	60 dBA:	133	145
Total:				70.82	63.28	62.36	57.30	65.18	65.75		55 dBA:	286	312

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITHOUT PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name:	Daisywood Drive		East of Airport Way		Northwest Airport Way								
	Average Daily Traffic: 7000 Vehicles	Vehicle Speed: 25 MPH	Segment: 25 MPH	Vehicle Mix: 2	Roadway Classification: Collector	Centerline Distance to Noise Contour (in feet)							
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 59.32 ft)													
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels									
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	59.44	-0.95	-1.22	-1.20	56.07	53.95	52.64	46.63	55.05	55.67	70 dBA:	6	7
Medium Trucks	71.09	-18.19	-1.22	-1.20	50.48	29.24	35.26	16.96	30.11	32.86	65 dBA:	13	14
Heavy Trucks	78.74	-22.14	-1.22	-1.20	54.18	28.83	25.43	30.08	36.28	36.37	60 dBA:	28	31
Total:	58.91	53.98	52.73	46.73	55.12	55.75					55 dBA:	61	67

Road Name:	Lathrop Road		West of 5th Street		Northwest Airport Way								
	Average Daily Traffic: 28800 Vehicles	Vehicle Speed: 45 MPH	Segment: 45 MPH	Vehicle Mix: 1	Roadway Classification: 4-Lane Arterial	Centerline Distance to Noise Contour (in feet)							
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels									
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	69.34	2.39	-0.77	-1.20	69.77	67.39	66.10	60.05	68.48	69.11	70 dBA:	50	55
Medium Trucks	77.62	-12.47	-0.77	-1.20	63.18	44.43	47.44	41.42	48.62	49.43	65 dBA:	107	118
Heavy Trucks	82.14	-10.25	-0.77	-1.20	69.91	54.56	55.14	47.36	55.89	56.78	60 dBA:	230	254
Total:	73.30	67.63	66.49	60.33	68.75	69.40					55 dBA:	495	547

Road Name:	Lathrop Road		West of McKinley Avenue		Northwest Airport Way								
	Average Daily Traffic: 29200 Vehicles	Vehicle Speed: 50 MPH	Segment: 50 MPH	Vehicle Mix: 1	Roadway Classification: 4-Lane Arterial	Centerline Distance to Noise Contour (in feet)							
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels									
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	71.12	2.00	-0.77	-1.20	71.14	68.77	67.48	61.42	69.86	70.49	70 dBA:	61	67
Medium Trucks	78.79	-12.87	-0.77	-1.20	63.95	45.20	48.21	42.19	49.39	50.20	65 dBA:	131	145
Heavy Trucks	83.02	-10.65	-0.77	-1.20	70.40	55.04	55.62	47.84	56.37	57.26	60 dBA:	282	311
Total:	74.22	68.97	67.80	61.66	70.08	70.73					55 dBA:	608	671

Road Name:	Lathrop Road		West of Airport Way		Northwest Airport Way								
	Average Daily Traffic: 25800 Vehicles	Vehicle Speed: 45 MPH	Segment: 45 MPH	Vehicle Mix: 1	Roadway Classification: 4-Lane Arterial	Centerline Distance to Noise Contour (in feet)							
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels									
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	69.34	1.92	-0.77	-1.20	69.29	66.92	65.62	59.57	68.00	68.63	70 dBA:	46	51
Medium Trucks	77.62	-12.95	-0.77	-1.20	62.70	43.95	46.96	40.94	48.14	48.95	65 dBA:	99	110
Heavy Trucks	82.14	-10.73	-0.77	-1.20	69.44	54.09	54.67	46.88	55.41	56.30	60 dBA:	214	236
Total:	72.82	67.16	66.01	59.85	68.27	68.92					55 dBA:	460	508

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITHOUT PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name:	Lathrop Road	Segment:	East of Airport Way	Roadway Classification:
Average Daily Traffic:	21100 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1	4-Lane Arterial
	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)			
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Ldn CNEL
Automobiles	69.34	1.04	-0.77	40
Medium Trucks	77.62	-13.82	-0.77	87
Heavy Trucks	82.14	-11.60	-0.77	187
	Total:			403
				445

Road Name:	Lathrop Road	Segment:	East of Union Road	Roadway Classification:
Average Daily Traffic:	26500 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1	4-Lane Arterial
	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)			
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Ldn CNEL
Automobiles	69.34	2.03	-0.77	47
Medium Trucks	77.62	-12.83	-0.77	101
Heavy Trucks	82.14	-10.62	-0.77	218
	Total:			469
				518

Road Name:	Hastings Drive	Segment:	East of Airport Way	Roadway Classification:
Average Daily Traffic:	1800 Vehicles	Vehicle Speed: 25 MPH	Vehicle Mix: 2	Collector
	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 59.32 ft)			
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Ldn CNEL
Automobiles	59.44	-6.85	-1.22	2
Medium Trucks	71.09	-24.08	-1.22	5
Heavy Trucks	78.74	-28.04	-1.22	11
	Total:			25
				27

Road Name:	Louise Avenue	Segment:	West of Airport Way	Roadway Classification:
Average Daily Traffic:	22600 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 1	4-Lane Arterial
	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)			
	Noise Adjustments			Centerline Distance to Noise Contour (in feet)
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Ldn CNEL
Automobiles	69.34	1.34	-0.77	42
Medium Trucks	77.62	-13.53	-0.77	91
Heavy Trucks	82.14	-11.31	-0.77	196
	Total:			422
				465

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITHOUT PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: **Louise Avenue** Segment: **East of Airport Way**
 Average Daily Traffic: 23000 Vehicles Vehicle Speed: 45 MPH Vehicle Mix: 1 Roadway Classification: 4-Lane Arterial

Vehicle Type	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)				Centerline Distance to Noise Contour (in feet)											
	RECEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL							
Automobiles	69.34	1.42	-0.77	-1.20	68.79	66.42	65.12	59.07	67.50	68.13	70 dBA:	43	47			
Medium Trucks	77.62	-13.45	-0.77	-1.20	62.20	43.45	46.46	40.44	47.64	48.45	65 dBA:	92	101			
Heavy Trucks	82.14	-11.23	-0.77	-1.20	68.94	53.59	54.17	46.38	54.91	55.80	60 dBA:	198	219			
Total:											65.51	59.35	67.78	68.42	426	471

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Airport Way **Segment:** South of Hastings Drive

Average Daily Traffic: 23400 Vehicles Vehicle Speed: 45 MPH Vehicle Mix: 3 Roadway Classification: 6-Lane Arterial

Vehicle Type	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)					Centerline Distance to Noise Contour (in feet)							
	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	69.34	1.22	0.06	-1.20	69.43	66.41	65.13	59.08	67.50	68.13	70 dBA:	53	58
Medium Trucks	77.62	-12.84	0.06	-1.20	63.65	45.40	50.71	32.42	45.87	48.48	65 dBA:	115	125
Heavy Trucks	82.14	-8.07	0.06	-1.20	72.94	60.01	60.01	57.45	64.33	64.75	60 dBA:	247	270
Total:					74.88	67.33	66.41	61.36	69.23	69.80	55 dBA:	533	582

Road Name: Airport Way **Segment:** South of Louise Way

Average Daily Traffic: 26000 Vehicles Vehicle Speed: 45 MPH Vehicle Mix: 3 Roadway Classification: 6-Lane Arterial

Vehicle Type	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)					Centerline Distance to Noise Contour (in feet)							
	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	69.34	1.68	0.06	-1.20	69.89	66.86	65.59	59.53	67.96	68.59	70 dBA:	57	62
Medium Trucks	77.62	-12.38	0.06	-1.20	64.10	45.86	51.17	32.88	46.33	48.94	65 dBA:	123	135
Heavy Trucks	82.14	-7.61	0.06	-1.20	73.40	60.46	60.46	57.91	64.79	65.20	60 dBA:	265	290
Total:					75.34	67.79	66.87	61.81	69.69	70.26	55 dBA:	572	625

Road Name: Union Road

Segment: North of Lathrop Road

Average Daily Traffic: 21900 Vehicles Vehicle Speed: 45 MPH Vehicle Mix: 3 Roadway Classification: 4-Lane Arterial

Vehicle Type	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)					Centerline Distance to Noise Contour (in feet)							
	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	69.34	0.93	-0.77	-1.20	68.30	65.28	64.01	57.95	66.38	67.01	70 dBA:	45	49
Medium Trucks	77.62	-13.13	-0.77	-1.20	62.52	44.28	49.59	31.30	44.75	47.36	65 dBA:	97	106
Heavy Trucks	82.14	-8.36	-0.77	-1.20	71.81	58.88	58.88	56.33	63.21	63.62	60 dBA:	208	227
Total:					73.75	66.21	65.29	60.23	68.10	68.68	55 dBA:	449	490

Road Name: Union Road

Segment: South of Lathrop Road

Average Daily Traffic: 18700 Vehicles Vehicle Speed: 45 MPH Vehicle Mix: 3 Roadway Classification: 4-Lane Arterial

Vehicle Type	NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)					Centerline Distance to Noise Contour (in feet)							
	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL				
Automobiles	69.34	0.25	-0.77	-1.20	67.62	64.60	63.32	57.27	65.69	66.32	70 dBA:	40	44
Medium Trucks	77.62	-13.81	-0.77	-1.20	61.84	43.59	48.90	30.61	44.06	46.67	65 dBA:	87	95
Heavy Trucks	82.14	-9.04	-0.77	-1.20	71.13	58.19	58.19	55.64	62.52	62.93	60 dBA:	187	205
Total:					73.07	65.52	64.60	59.54	67.42	67.99	55 dBA:	404	441

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: French Camp Road		Segment:		West of Airport Way									
Average Daily Traffic: 12700 Vehicles		Vehicle Speed: 55 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	72.73	-2.30	-0.77	-1.20	68.45	65.42	64.15	58.09	66.52	67.15	43	47	
Medium Trucks	79.85	-16.36	-0.77	-1.20	61.52	43.27	48.58	30.29	43.74	46.35	92	100	
Heavy Trucks	83.81	-11.59	-0.77	-1.20	70.25	57.32	54.76	61.64	62.06	62.06	197	216	
Total:				72.79	66.07	65.07	59.76	67.76	68.35				466

Road Name: French Camp Road		Segment:		East of Airport Way									
Average Daily Traffic: 15800 Vehicles		Vehicle Speed: 55 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	72.73	-1.36	-0.77	-1.20	69.40	66.37	65.10	59.04	67.47	68.10	49	54	
Medium Trucks	79.85	-15.42	-0.77	-1.20	62.46	44.22	49.53	31.24	44.69	47.30	106	116	
Heavy Trucks	83.81	-10.64	-0.77	-1.20	71.20	58.26	55.71	62.59	63.00	63.00	228	250	
Total:				73.74	67.02	66.01	60.70	68.71	69.30				539

Road Name: Roth Road		Segment:		West of Lathrop Intermodal Driveway									
Average Daily Traffic: 19200 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	0.36	0.06	-1.20	68.57	65.55	64.27	58.22	66.64	67.27	47	51	
Medium Trucks	77.62	-13.70	0.06	-1.20	62.79	44.55	49.86	31.56	45.01	47.62	101	110	
Heavy Trucks	82.14	-8.93	0.06	-1.20	72.08	59.15	59.15	56.59	63.47	63.89	217	237	
Total:				74.02	66.47	65.55	60.50	68.37	68.94				510

Road Name: Roth Road		Segment:		West of Airport Way									
Average Daily Traffic: 11300 Vehicles		Vehicle Speed: 45 MPH		Vehicle Mix: 3									
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 48.73 ft)													
Noise Adjustments			Unmitigated Noise Levels										
Vehicle Type	REML Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve. Night	Ldn	CNEL	Centerline Distance to Noise Contour (in feet)				
Automobiles	69.34	-1.94	0.06	-1.20	66.27	63.24	61.97	55.91	64.34	64.97	33	36	
Medium Trucks	77.62	-16.00	0.06	-1.20	60.49	42.24	47.55	29.26	42.71	45.32	71	77	
Heavy Trucks	82.14	-11.23	0.06	-1.20	69.78	56.84	56.84	54.29	61.17	61.58	152	166	
Total:				71.72	64.17	63.25	58.19	66.07	66.64				358

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name:	Daisywood Drive		Segment:		East of Airport Way		Roadway Classification: Collector		
	Average Daily Traffic:	7300 Vehicles	Vehicle Speed:	25 MPH	Vehicle Mix:	2	Centerline Distance to Noise Contour (in feet)		
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 59.32 ft)									
Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)			
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	59.44	-0.77	-1.22	56.26	54.13	52.82	46.81	55.23	55.86
Medium Trucks	71.09	-18.00	-1.22	50.67	29.42	35.44	17.15	30.29	33.04
Heavy Trucks	78.74	-21.96	-1.22	54.36	29.01	25.61	30.26	36.46	36.56
Total:	59.10	54.16	52.91	46.91	55.30	55.93			

Road Name:	Lathrop Road		Segment:		West of 5th Street		Roadway Classification: 4-Lane Arterial		
	Average Daily Traffic:	31400 Vehicles	Vehicle Speed:	45 MPH	Vehicle Mix:	3	Centerline Distance to Noise Contour (in feet)		
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)									
Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)			
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	69.34	2.50	-0.77	69.87	66.85	65.57	59.52	67.94	68.57
Medium Trucks	77.62	-11.56	-0.77	64.09	45.84	51.15	32.86	46.31	48.92
Heavy Trucks	82.14	-6.79	-0.77	73.38	60.45	60.45	57.89	64.77	65.19
Total:	75.32	67.77	66.85	61.80	69.67	70.24			

Road Name:	Lathrop Road		Segment:		West of McKinley Avenue		Roadway Classification: 4-Lane Arterial		
	Average Daily Traffic:	31900 Vehicles	Vehicle Speed:	50 MPH	Vehicle Mix:	3	Centerline Distance to Noise Contour (in feet)		
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)									
Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)			
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	71.12	2.11	-0.77	71.26	68.23	66.96	60.90	69.33	69.96
Medium Trucks	78.79	-11.95	-0.77	64.87	46.63	51.94	33.64	47.09	49.70
Heavy Trucks	83.02	-7.18	-0.77	73.87	60.93	60.93	58.38	65.26	65.67
Total:	76.11	69.00	68.03	62.84	70.78	71.37			

Road Name:	Lathrop Road		Segment:		West of Airport Way		Roadway Classification: 4-Lane Arterial		
	Average Daily Traffic:	28600 Vehicles	Vehicle Speed:	45 MPH	Vehicle Mix:	3	Centerline Distance to Noise Contour (in feet)		
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)									
Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)			
Vehicle Type	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	69.34	2.09	-0.77	69.46	66.44	65.16	59.11	67.54	68.17
Medium Trucks	77.62	-11.97	-0.77	63.68	45.44	50.75	32.46	45.90	48.52
Heavy Trucks	82.14	-7.20	-0.77	72.97	60.04	60.04	57.49	64.37	64.78
Total:	74.91	67.36	66.45	61.39	69.26	69.84			

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name:	Lathrop Road		Segment:		East of Airport Way		Roadway Classification: 4-Lane Arterial		
	Average Daily Traffic:	24500 Vehicles	Vehicle Speed:	45 MPH	Vehicle Mix:	3	(Equiv. Lane Dist:	55.42 ft)	
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE									
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	69.34	1.42	-0.77	68.79	65.77	64.49	58.44	66.86	67.50
Medium Trucks	77.62	-12.64	-0.77	63.01	44.77	50.08	31.78	45.23	47.84
Heavy Trucks	82.14	-7.87	-0.77	72.30	59.37	59.37	56.81	63.69	64.11
Total:				74.24	66.69	65.77	60.72	68.59	69.17

Road Name:	Lathrop Road		Segment:		East of Union Road		Roadway Classification: 4-Lane Arterial		
	Average Daily Traffic:	28900 Vehicles	Vehicle Speed:	45 MPH	Vehicle Mix:	3	(Equiv. Lane Dist:	55.42 ft)	
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE									
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	69.34	2.14	-0.77	69.51	66.49	65.21	59.16	67.58	68.21
Medium Trucks	77.62	-11.92	-0.77	63.73	45.48	50.79	32.50	45.95	48.56
Heavy Trucks	82.14	-7.15	-0.77	73.02	60.08	60.08	57.53	64.41	64.83
Total:				74.96	67.41	66.49	61.44	69.31	69.88

Road Name:	Hastings Drive		Segment:		East of Airport Way		Roadway Classification: Collector		
	Average Daily Traffic:	2000 Vehicles	Vehicle Speed:	25 MPH	Vehicle Mix:	2	(Equiv. Lane Dist:	59.32 ft)	
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE									
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	59.44	-6.39	-1.22	50.63	48.51	47.20	41.19	49.61	50.23
Medium Trucks	71.09	-23.63	-1.22	45.04	23.79	29.82	11.52	24.67	27.42
Heavy Trucks	78.74	-27.58	-1.22	48.74	23.39	19.99	24.64	30.84	30.93
Total:				53.47	48.54	47.29	41.29	49.68	50.31

Road Name:	Louise Avenue		Segment:		West of Airport Way		Roadway Classification: 4-Lane Arterial		
	Average Daily Traffic:	22900 Vehicles	Vehicle Speed:	45 MPH	Vehicle Mix:	3	(Equiv. Lane Dist:	55.42 ft)	
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE									
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels			Centerline Distance to Noise Contour (in feet)		
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL
Automobiles	69.34	1.13	-0.77	68.50	65.48	64.20	58.15	66.57	67.20
Medium Trucks	77.62	-12.93	-0.77	62.72	44.47	49.78	31.49	44.94	47.55
Heavy Trucks	82.14	-8.16	-0.77	72.01	59.07	59.07	56.52	63.40	63.81
Total:				73.95	66.40	65.48	60.42	68.30	68.87

FHWA-RD-77-108 HIGHWAY TRAFFIC NOISE PREDICTION MODEL

Scenario: CUMULATIVE WITH PROJECT CONDITIONS

Northwest Airport Way Master Plan
Site Conditions: Soft

Road Name: Louise Avenue	Segment: East of Airport Way	Roadway Classification: 4-Lane Arterial									
Average Daily Traffic: 23600 Vehicles	Vehicle Speed: 45 MPH	Vehicle Mix: 3	Roadway Classification: 4-Lane Arterial								
NOISE PARAMETERS AT 60 FEET FROM CENTERLINE (Equiv. Lane Dist: 55.42 ft)											
Vehicle Type	Noise Adjustments			Unmitigated Noise Levels		Centerline Distance to Noise Contour (in feet)					
	REMEL Traffic Adj.	Dist Adj.	Finite Adj.	Leq Peak	Leq Day	Leq Eve.	Leq Night	Ldn	CNEL		
Automobiles	1.26	-0.77	-1.20	68.63	65.61	64.33	58.28	66.70	67.33	70 dBA: 47	51
Medium Trucks	-12.80	-0.77	-1.20	62.85	44.60	49.91	31.62	45.07	47.68	65 dBA: 102	111
Heavy Trucks	-8.03	-0.77	-1.20	72.14	59.21	59.21	56.65	63.53	63.95	60 dBA: 219	239
Total:				74.08	66.53	65.61	60.56	68.43	69.00	55 dBA: 471	515

Northwest Airport Way Master Plan
Assessed receiver levels - Cumulative Without Project

Name	Usage	Floor	Dir	Lden dB(A)	Ld dB(A)	Ln dB(A)	
01	IA	1. Floor	W	68.7	64.4	62.5	
02	IA	1. Floor	W	62.7	58.2	56.4	
03	IA	1. Floor	W	66.9	62.5	60.7	
04	IA	1. Floor	W	66.6	62.2	60.4	
05	IA	1. Floor	W	69.4	65.0	63.1	
06	IA	1. Floor	W	63.8	58.2	57.8	
07	IA	1. Floor	W	72.5	68.1	66.2	
08	IA	1. Floor	NW	65.2	59.9	59.2	
09	IA	1. Floor	N	74.1	70.1	67.8	
10	IA	1. Floor	N	72.7	68.7	66.3	

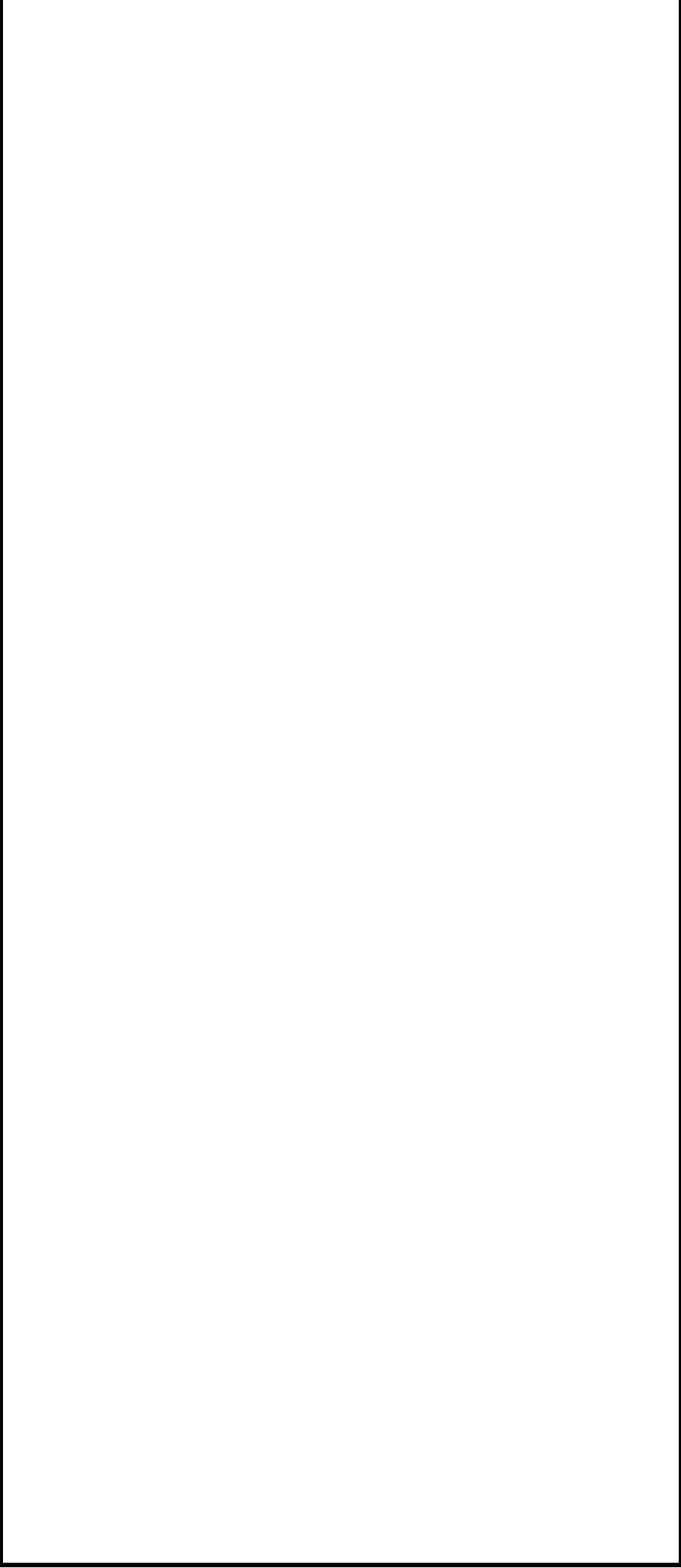
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Northwest Airport Way Master Plan

3rd octave spectras of the sources in dB(A) - Cumulative Without Project

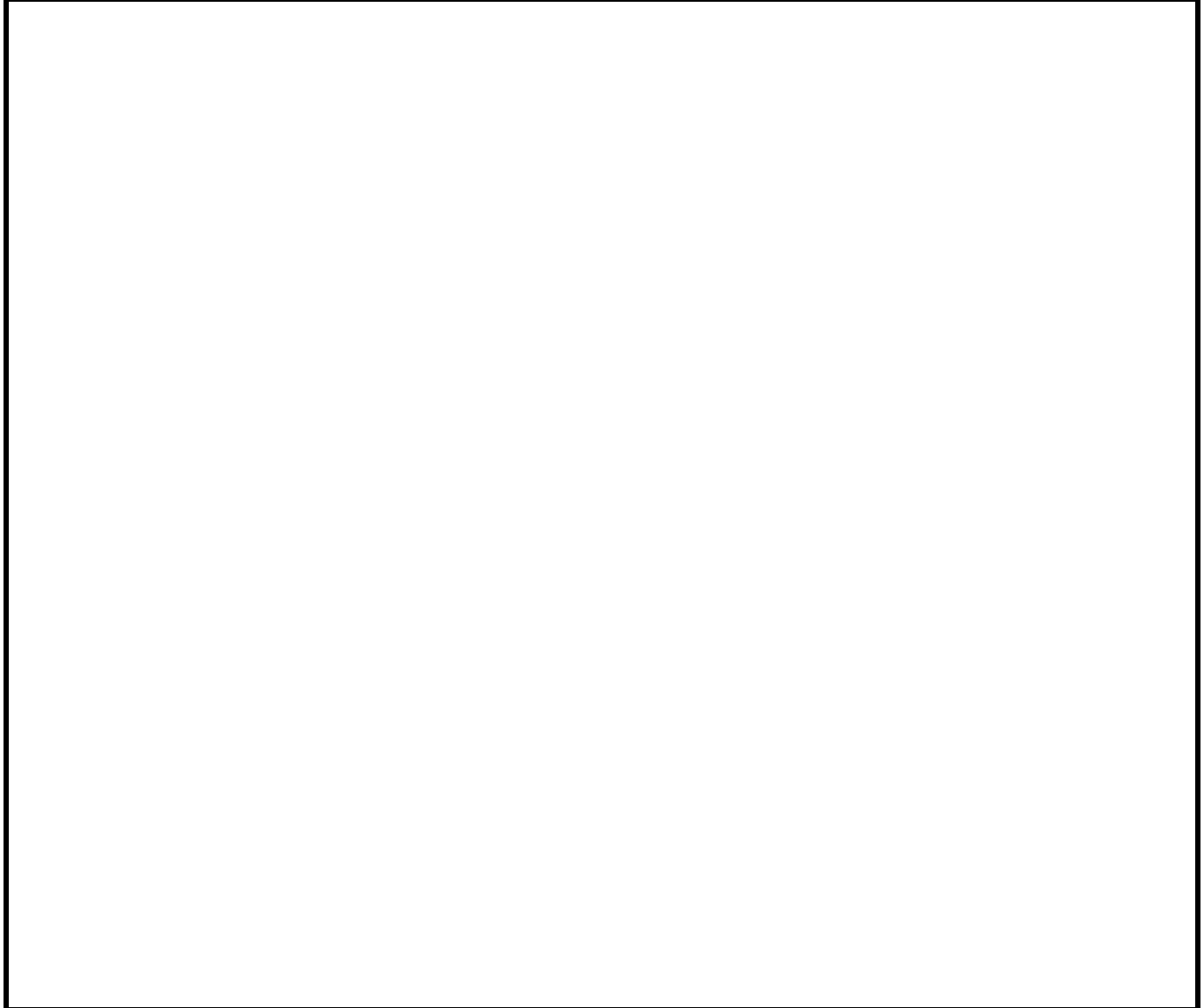
4

Source	I or S	Lw	Li	R'w	KI	KT	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz	10 kHz
UPRR New	10933	118.4	0.0	0.0	0	0	96.2	101.5	103.9	105.0	106.4	107.6	105.5	105.0	104.0	102.5	104.4	105.3	106.2	106.5	107.7	108.1	106.6	105.9	104.2	100.6	97.2	93.0	87.1	80.7



Northwest Airport Way Master Plan
Assessed receiver levels - Cumulative With Project

Name	Usage	Floor	Dir	Lden dB(A)	Ld dB(A)	Ln dB(A)	
01	IA	1. Floor	W	69.1	64.8	62.9	
02	IA	1. Floor	W	63.3	58.9	57.1	
03	IA	1. Floor	W	67.9	63.5	61.6	
04	IA	1. Floor	W	67.9	63.5	61.6	
05	IA	1. Floor	W	70.3	66.0	64.1	
06	IA	1. Floor	W	65.3	60.1	59.3	
07	IA	1. Floor	W	73.4	69.1	67.2	
08	IA	1. Floor	NW	65.9	60.6	59.9	
09	IA	1. Floor	N	74.7	70.7	68.4	
10	IA	1. Floor	N	73.5	69.6	67.1	



Northwest Airport Way Master Plan 3rd octave spectras of the sources in dB(A) - Cumulative With Project

4

Source	I or S	Lw	Li	Rw	KI	KT	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1	1,25	1,6	2	2.5	3,15	4	5	6,3	8	10
Drive Thru Speaker	1.03	77.3	0.0	0.0	0	0	52.0	58.3	62.2	63.7	66.6	64.4	62.0	63.6	62.9	63.5	65.0	65.8	66.5	67.0	66.8	66.2	64.6	63.0	61.4	59.2	57.4	53.4	50.5	45.8
Drive Thru Speaker	1.03	77.3	0.0	0.0	0	0	52.0	58.3	62.2	63.7	66.6	64.4	62.0	63.6	62.9	63.5	65.0	65.8	66.5	67.0	66.8	66.2	64.6	63.0	61.4	59.2	57.4	53.4	50.5	45.8
UPRR New	1093316	118.4	0.0	0.0	0	0	96.2	101.5	103.9	105.0	106.4	107.6	105.5	105.0	104.0	102.5	104.4	105.3	106.2	106.5	107.7	108.1	106.6	105.9	104.2	100.6	97.2	93.0	87.1	80.7
Truck Loading 1	10170.03	100.1	0.0	0.0	0	0	63.6	69.1	73.1	77.3	82.2	77.4	77.1	80.0	83.7	85.2	87.9	91.5	90.3	90.2	92.6	90.6	89.5	88.0	84.8	80.8	79.0	76.2	71.8	67.5
Truck Loading 2	1983.21	93.0	0.0	0.0	0	0	56.5	62.0	66.0	70.2	75.1	70.3	70.0	72.9	76.6	78.1	80.8	84.4	83.2	83.1	85.5	83.5	82.4	80.9	77.7	73.7	71.9	69.1	64.7	60.4
Truck Loading 3	4728.90	96.7	0.0	0.0	0	0	60.2	65.7	69.7	73.9	78.8	74.0	73.7	76.6	80.3	81.8	84.5	88.1	86.9	86.8	87.5	87.2	86.1	84.6	81.4	77.4	75.6	72.8	68.4	64.1
Truck Loading 4	5437.54	97.4	0.0	0.0	0	0	60.9	66.4	70.4	74.6	79.5	74.7	74.4	77.3	81.0	82.5	85.2	88.8	87.6	87.5	89.2	87.9	86.8	85.3	82.1	78.1	76.3	73.5	69.1	64.8
Truck Loading 5	8536.33	99.3	0.0	0.0	0	0	62.8	68.3	72.3	76.5	81.4	76.6	76.3	79.2	82.9	84.4	87.1	90.7	89.5	89.4	91.8	89.8	88.7	87.2	84.0	80.0	78.2	75.4	71.0	66.7
Truck Loading 6	705.64	88.5	0.0	0.0	0	0	52.0	57.5	61.5	65.7	70.6	65.8	65.5	68.4	72.1	73.6	76.3	79.9	78.7	78.6	81.0	79.0	77.9	76.4	73.2	69.2	67.4	64.6	60.2	55.9
Truck Loading 7	861.63	89.4	0.0	0.0	0	0	52.9	58.4	62.4	66.6	71.5	66.7	66.4	69.3	73.0	74.5	77.2	80.8	79.6	79.5	81.9	79.9	78.8	77.3	74.1	70.1	68.3	65.5	61.1	56.8
Truck Loading 8	2805.49	94.5	0.0	0.0	0	0	58.0	63.5	67.5	71.9	76.6	71.8	71.5	74.4	78.1	79.6	82.3	85.9	84.7	84.6	87.0	85.0	83.9	82.4	79.2	75.2	73.4	70.6	66.2	61.9
Truck Loading 9	845.00	89.3	0.0	0.0	0	0	52.8	58.3	62.3	66.5	71.4	66.6	66.3	69.2	72.9	74.4	77.1	80.7	79.5	79.4	81.8	79.8	78.7	77.2	74.0	70.0	68.2	65.4	61.0	56.7
Truck Loading 10	1117.26	90.5	0.0	0.0	0	0	54.0	59.5	63.5	67.7	72.6	67.8	67.5	70.4	74.1	75.6	78.3	81.9	80.7	80.6	83.0	81.0	79.9	78.4	75.2	71.2	69.4	66.6	62.2	57.9
Truck Loading 11	3047.51	94.8	0.0	0.0	0	0	58.3	63.8	67.8	72.0	76.9	72.1	71.8	74.7	78.4	79.9	82.6	86.2	85.0	84.9	87.3	85.3	84.2	82.7	79.5	75.5	73.7	70.9	66.5	62.2
Truck Loading 12	2219.33	93.5	0.0	0.0	0	0	57.0	62.5	66.5	70.7	75.6	70.8	70.5	73.4	77.1	78.6	81.3	84.9	83.7	83.6	86.0	84.0	82.9	81.4	78.2	74.2	72.4	69.6	65.2	60.9
Truck Loading 13	539.51	87.3	0.0	0.0	0	0	50.8	56.3	60.3	64.5	69.4	64.6	64.3	67.2	70.9	72.4	75.1	78.7	77.5	77.4	79.8	77.8	76.7	75.2	72.0	68.0	66.2	63.4	59.0	54.7
Truck Loading 14	2953.98	94.1	0.0	0.0	0	0	58.2	63.7	67.7	71.9	76.8	72.0	71.7	74.6	78.3	79.8	82.5	86.1	84.9	84.8	87.2	85.2	84.1	82.6	79.4	75.4	73.6	70.8	66.4	62.1
Truck Loading 15	2576.96	94.1	0.0	0.0	0	0	57.6	63.1	67.1	71.3	76.2	71.4	71.1	74.0	77.7	79.2	81.9	85.5	84.3	84.2	86.6	84.6	83.5	82.0	78.8	74.8	73.0	70.2	65.8	61.5
Truck Loading 16	374.25	85.7	0.0	0.0	0	0	49.2	54.7	58.7	62.9	67.8	63.0	62.7	65.6	69.3	70.8	73.5	77.1	75.9	75.8	78.2	76.2	75.1	73.6	70.4	66.4	64.6	61.8	57.4	53.1
Truck Loading 17	453.92	86.6	0.0	0.0	0	0	50.1	55.6	59.6	63.8	68.7	63.9	63.6	66.5	70.2	71.7	74.4	78.0	76.8	76.7	79.1	77.1	76.0	74.5	71.3	67.3	65.5	62.7	58.3	54.0
Truck Loading 18	2339.86	93.7	0.0	0.0	0	0	57.2	62.7	66.7	70.9	75.8	71.0	70.7	73.6	77.3	78.8	81.5	85.1	83.9	83.8	86.2	84.2	83.1	81.6	78.4	74.4	72.6	69.8	65.4	61.1
Truck Loading 19	4488.05	96.5	0.0	0.0	0	0	60.0	65.5	69.5	73.7	78.6	73.8	73.5	76.4	80.1	81.6	84.3	87.9	86.7	86.6	89.0	87.0	85.9	84.4	81.2	77.2	75.4	72.6	68.2	63.9
Truck Loading 20	3737.18	95.7	0.0	0.0	0	0	59.2	64.7	68.7	72.9	77.8	73.0	72.7	75.6	79.3	80.8	83.5	87.1	85.9	85.8	88.2	86.2	85.1	83.6	80.4	76.4	74.6	71.8	67.4	63.1
HVAC 1	4135.82	116.2	0.0	0.0	0	0	86.1	86.6	91.9	95.1	103.7	101.2	102.4	105.0	102.1	105.5	104.4	105.6	107.9	106.6	104.5	101.8	101.5	104.8	98.5	93.9	88.1	84.6	81.9	77.5
HVAC 2	3307.07	103.2	0.0	0.0	0	0	73.1	73.6	78.9	82.1	90.7	88.2	89.4	92.0	89.1	92.5	91.4	92.6	94.9	93.6	91.5	88.8	88.5	91.8	85.5	80.9	75.1	71.6	68.9	64.5
HVAC 3	836.93	97.2	0.0	0.0	0	0	67.2	67.7	73.0	76.2	84.8	82.3	83.5	86.1	83.2	86.6	85.5	86.7	89.0	87.7	85.6	82.9	82.6	85.9	79.6	75.0	69.2	65.7	63.0	58.6
HVAC 4	187.99	90.7	0.0	0.0	0	0	60.7	61.2	66.5	69.7	78.3	75.8	77.0	79.6	76.7	80.1	79.0	80.2	82.5	81.2	79.1	76.4	76.1	79.4	73.1	68.5	62.7	59.2	56.5	52.1
HVAC 5	153.00	89.8	0.0	0.0	0	0	59.8	60.3	65.6	68.8	77.4	74.9	76.1	78.7	75.8	79.2	78.1	79.3	81.6	80.3	78.2	75.5	75.2	78.5	72.2	68.6	61.8	58.3	55.6	51.2
HVAC 6	153.00	89.8	0.0	0.0	0	0	59.8	60.3	65.6	68.8	77.4	74.9	76.1	78.7	75.8	79.2	78.1	79.3	81.6	80.3	78.2	75.5	75.2	78.5	72.2	68.6	61.8	58.3	55.6	51.2
HVAC 7	205.04	91.1	0.0	0.0	0	0	61.1	61.6	66.9	70.1	78.7	76.2	77.4	80.0	77.1	80.5	79.4	80.6	82.9	81.6	79.5	76.8	76.5	79.8	73.5	68.9	63.1	59.6	56.9	52.5
HVAC 8	875.64	97.4	0.0	0.0	0	0	67.4	67.9	73.2	76.4	85.0	82.5	83.7	86.3	83.4	86.8	85.7	86.9	89.2	87.9	85.8	83.1	82.8	86.1	79.8	75.2	69.4	65.9	63.2	58.8
HVAC 9	587.33	107.7	0.0	0.0	0	0	77.6	78.1	83.4	86.6	95.2	92.7	93.9	96.5	93.6	97.0	95.9	97.1	99.4	98.1	96.0	93.3	93.0	96.3	90.0	85.4	79.6	76.1	73.4	69.0
HVAC 10	806.11	97.1	0.0	0.0	0	0	67.0	67.5	72.8	76.0	84.6	82.1	83.3	85.9	83.0	86.4	85.3	86.5	88.8	87.5	85.4	82.7	82.4	85.7	79.4	74.8	69.0	65.5	62.8	58.4
HVAC 11	96.92	87.1	0.0	0.0	0	0	57.8	58.3	63.6	66.8	75.4	72.9	74.1	76.7	73.8	77.2	76.1	77.3	79.6	78.3	76.2	73.5	73.2	76.5	70.2	65.6	59.8	56.3	53.6	49.2
HVAC 12	140.93	89.5	0.0	0.0	0	0	59.4	59.9	65.2	68.4	77.0	74.5	75.7	78.3	75.4	78.8	77.7	78.9	81.2	79.9	77.8	75.1	74.8	78.1	71.8	67.2	61.4	57.9	55.2	50.8
HVAC 13	879.20	97.4	0.0	0.0	0	0	67.4	67.9	73.2	76.4	85.0	82.5	83.7	86.3	83.4	86.8	85.7	86.9	89.2	87.9	85.8	83.1	82.8	86.1	79.8	75.2	69.4	65.9	63.2	58.8

Northwest Airport Way Master Plan 3rd octave spectras of the sources in dB(A) - Cumulative With Project

4

Source	L or S	Lw	Li	Rw	KI	KT	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1	1,25 kHz	1,6 kHz	2 kHz	2,5 kHz	3,15 kHz	4 kHz	5 kHz	6,3 kHz	8 kHz	10 kHz
HVAC 14	179.64	90.5	0.0	0.0	0	0	60.5	61.0	66.3	69.5	78.1	75.6	76.8	79.4	76.5	79.9	78.8	80.0	82.3	81.0	78.9	76.2	75.9	79.2	72.9	68.3	62.5	59.0	56.3	51.9
HVAC 15	225.22	91.5	0.0	0.0	0	0	61.5	62.0	67.3	70.5	79.1	76.6	77.8	80.4	77.5	80.9	79.8	81.0	83.3	82.0	79.9	77.2	76.9	80.2	73.9	69.3	63.5	60.0	57.3	52.9
HVAC 16	672.52	96.3	0.0	0.0	0	0	66.2	66.7	72.0	75.2	83.8	81.3	82.5	85.1	82.2	85.6	84.5	85.7	88.0	86.7	84.6	81.9	81.6	84.9	78.6	74.0	68.2	64.7	62.0	57.6
HVAC 17	170.95	90.3	0.0	0.0	0	0	60.3	60.8	66.1	69.3	77.9	75.4	76.6	79.2	76.3	79.7	78.6	79.8	82.1	80.8	78.7	76.0	75.7	79.0	72.7	68.1	62.3	58.8	56.1	51.7
HVAC 19	493.42	94.9	0.0	0.0	0	0	64.9	65.4	70.7	73.9	82.5	80.0	81.2	83.8	80.9	84.3	83.2	84.4	86.7	85.4	83.3	80.6	80.3	83.6	77.3	72.7	66.9	63.4	60.7	56.3
HVAC 20	175.42	90.4	0.0	0.0	0	0	60.4	60.9	66.2	69.4	78.0	75.5	76.7	79.3	76.4	79.8	78.7	79.9	82.2	80.9	78.8	76.1	75.8	79.1	72.8	68.2	62.4	58.9	56.2	51.8
HVAC 21	18.59	80.7	0.0	0.0	0	0	50.6	51.1	56.4	59.6	68.2	65.7	66.9	69.5	66.6	70.0	68.9	70.1	72.4	71.1	69.0	66.3	66.0	69.3	63.0	58.4	52.6	49.1	46.4	42.0
HVAC 22	18.80	80.7	0.0	0.0	0	0	50.7	51.2	56.5	59.7	68.3	65.8	67.0	69.6	66.7	70.1	69.0	70.2	72.5	71.2	69.1	66.4	66.1	69.4	63.1	58.5	52.7	49.2	46.5	42.1
HVAC 23	22.32	81.5	0.0	0.0	0	0	51.4	51.9	57.2	60.4	69.0	66.5	67.7	70.3	67.4	70.8	69.7	70.9	73.2	71.9	69.8	67.1	66.8	70.1	63.8	59.2	53.4	49.9	47.2	42.8
HVAC 24	205.36	91.1	0.0	0.0	0	0	61.1	61.6	66.9	70.1	78.7	76.2	77.4	80.0	77.1	80.5	79.4	80.6	82.9	81.6	79.5	76.8	76.5	79.8	73.5	68.9	63.1	59.6	56.9	52.5
HVAC 25	472.48	94.7	0.0	0.0	0	0	64.7	65.2	70.5	73.7	82.3	79.8	81.0	83.6	80.7	84.1	83.0	84.2	86.5	85.2	83.1	80.4	80.1	83.4	77.1	72.5	66.7	63.2	60.5	56.1
HVAC 18	973.94	97.9	0.0	0.0	0	0	67.8	68.3	73.6	76.8	85.4	82.9	84.1	86.7	83.8	87.2	86.1	87.3	89.6	88.3	86.2	83.5	83.2	86.5	80.2	75.6	69.8	66.3	63.6	59.2
Parking Lot 1	92831.23	103.1	0.0	0.0	0	0										103.1	103.1	87.3	89.6											
Parking Lot 2	43954.54	102.9	0.0	0.0	0	0										102.9	102.9	87.3	89.6											
Parking Lot 3	11010.47	94.6	0.0	0.0	0	0										94.6	94.6	87.3	89.6											
Parking Lot 4 5	2031.62	90.1	0.0	0.0	0	0										90.1	90.1	87.3	89.6											
Parking Lot 5	2338.80	89.0	0.0	0.0	0	0										89.0	89.0	87.3	89.6											
Parking Lot 7 8 9	25184.70	100.0	0.0	0.0	0	0										100.0	100.0	87.3	89.6											
Parking Lot 10 11	1909.55	89.0	0.0	0.0	0	0										89.0	89.0	87.3	89.6											
Parking lot 11 12	5483.74	87.5	0.0	0.0	0	0										87.5	87.5	87.3	89.6											
Parking Lot 15	17754.53	93.3	0.0	0.0	0	0										93.3	93.3	87.3	89.6											
Parking Lot 12 14	6591.02	89.1	0.0	0.0	0	0										89.1	89.1	87.3	89.6											
Parking Lot 13 15	7857.31	94.8	0.0	0.0	0	0										94.8	94.8	87.3	89.6											
Parking Lot 16	2883.12	87.3	0.0	0.0	0	0										87.3	87.3	87.3	89.6											
Parking Lot 17	9429.98	90.6	0.0	0.0	0	0										90.6	90.6	87.3	89.6											
Parking Lot 18	17257.84	95.7	0.0	0.0	0	0										95.7	95.7	87.3	89.6											
Parking Lot 19	11920.06	91.7	0.0	0.0	0	0										91.7	91.7	87.3	89.6											
Parking Retail 1	23069.07	99.1	0.0	0.0	0	0										99.1	99.1	87.3	89.6											
	3594.17	91.9	0.0	0.0	0	0										91.9	91.9	87.3	89.6											
Parking Retail 2	5682.88	89.8	0.0	0.0	0	0										89.8	89.8	87.3	89.6											
Parking Retail 3	275.97	76.5	0.0	0.0	0	0										76.5	76.5	87.3	89.6											
Parking Lot 20	4372.13	85.8	0.0	0.0	0	0										85.8	85.8	87.3	89.6											