

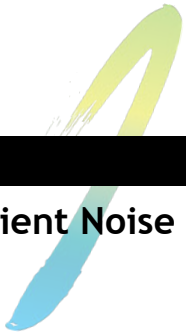


APPENDIX D

Noise Analysis Worksheets



Ambient Noise AM



Record #	Date	Time	un Duratio	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim	LASmax	ASmax Tim	Apeak (ma
1	2/7/2023	11:33:45	15:00.0	15:00.0	00:00.0	49.8	79.3	43.8	11:40:58	61.3	11:45:05	89.4
2	2/7/2023	11:48:45	00:01.5	00:01.5	00:00.0	47.4	49.2	47.5	11:48:46	48.1	11:48:45	60.5

Peak (max) T	SPL 1 Count	L 1 Duration	SPL 2 Count	L 2 Duration	Peak 1 Count	L 1 Duration	Peak 2 Count	L 2 Duration	Peak 3 Count	L 3 Duration	A(Projection)	A(Projection)
11:45:05	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9
11:48:45	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9

LAS0.00	LAS1.70	LAS8.30	LAS25.00	LAS50.00	LAS99.99	SEA	LCeq	LAeq	LCeq - LAec	LA1eq	LAeq	.A1eq - LAer
-99.9	53.6	52	50.7	49.3	43.9	-99.9	62.5	49.8	12.7	53.2	49.8	3.4
-99.9	48.1	48.1	47.9	47.7	47.5	-99.9	58.8	47.4	11.3	48.1	47.4	0.7

rerload	Courload	Dura	Overload	Overload	Du./1	L Aeq 8./1	L Aeq 16/1	L Aeq 31/1	L Aeq 63/1	L Aeq 12/1	L Aeq 25/1	L Aeq 50/1	L Aeq 100/1	L Aeq 200/1
0	0	0	0	0	-11.8	4.9	21.6	34.4	36.5	37.3	42.7	46.8	42	
0	0	0	0	0	-16.1	1.4	16.4	31	29.6	33.8	41.6	45	39.5	

1 LAeq 40	1 LAeq 80	1 LAeq 160	1 LASmax 8	1 LASmax 11	1 LASmax 31	1 LASmax 61	1 LASmax 11	1 LASmax 21	1 LASmax 5	1 LASmax 11	1 LASmax 21	1 LASmax 41
39.3	38.8	36.9	7.1	26.2	38.8	47.7	50.8	49.3	56.2	55	56.4	52.1
37.9	38.6	37	-19.9	2	17.8	31.1	31.6	36.5	41.7	45.5	40.1	38.1

LASmax 8	LASmax 16	LASmin 8	LASmin 16	LASmin 31	LASmin 61	LASmin 111	LASmin 211	LASmin 511	LASmin 1011	LASmin 2011	LASmin 4011	LASmin 8011
47.7	39.5	-23.3	-2.9	13.1	25.1	26.1	30.2	37.7	39.4	36.4	37.6	37.5
38.7	37	-22	-0.9	16.5	30.2	30.1	34.4	41.3	45.1	39.4	37.8	38.6

LASmin	16./3	LAeq 6./3	LAeq 8./3	LAeq 10./3	LAeq 12./3	LAeq 16./3	LAeq 20./3	LAeq 25./3	LAeq 31./3	LAeq 40./3	LAeq 50./3	LAeq 63./3	LAeq 80.
36.8	-16.4	-16.2	-13.2	-8.7	-1.2	3.5	10.3	14.1	20.4	26.6	29.1	31.7	
36.9	-16.6	-17.6	-17.5	-16.5	-5.7	-1.9	4	10.4	15.2	22.3	24.3	28.4	

/3 LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3
33.2	32	29.2	29.6	33.1	33.9	35.7	37.7	39.6	41.8	42.9	41.5	39.5
24.3	24.5	26.3	24.4	28.7	31	33.3	36.2	38.7	40.2	40.4	39.8	35.9

1/3 LAeq 20'	1/3 LAeq 25'	1/3 LAeq 31'	1/3 LAeq 40'	1/3 LAeq 50'	1/3 LAeq 63'	1/3 LAeq 80'	1/3 LAeq 100'	1/3 LAeq 125'	1/3 LAeq 160'	1/3 LAeq 200'	1/3 LASmax	1/3 LASmax
36.5	34.5	34.8	34.7	34.1	34.1	34.2	33.8	33.3	32	30.8	-10.7	-1.3
34.5	33	32.8	33	33.5	33.8	34	33.8	33.3	32.1	30.8	-20.9	-22.5

3 LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 1
6.1	11.8	14.3	27.6	29.8	35.2	37.3	40.2	41.6	44.5	50.6	48.1	46.1
-24	-16.8	-3.9	-0.2	4.3	11.7	16.7	22.2	25.1	29.1	27.7	25.4	27.5

3 LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 103	LASmax 123	LASmax 143	LASmax 163	LASmax 203	LASmax 243	LASmax 303
47.9	47.4	45.3	51.6	52	51.7	49.7	51	51.1	56.1	53.7	51	48.9	
25.3	29.8	35.1	33.9	36.4	39.2	40.9	40.9	40.9	37.1	34.9	33.1	33	

LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20	LASmin 6	LASmin 8	LASmin 10	LASmin 12	LASmin 16
48.1	46.8	43.7	43.5	38.7	36.9	34.7	33.2	-27.5	-27.8	-26.9	-26.7	-13.8
33.5	33.7	34	34.2	33.9	33.4	32.2	30.8	-20.9	-22.5	-25.1	-25.1	-7.6

3 LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 3
-5.4	1	6	4.7	15.8	20.3	22.2	22.1	21.1	20.4	8.6	24	27.4
-2.5	3.3	9.5	15.3	19	24	27.6	25.3	24.1	26.4	24.2	28.5	32.2

3 LASmin 43 LASmin 53 LASmin 63 LASmin 83 LASmin 103 LASmin 123 LASmin 143 LASmin 203 LASmin 253 LASmin 333 LASmin 403 LASmin 503 LASmin 603

30.2	30.8	32.8	32.9	34.6	32.6	31.4	31.3	31.3	32.2	32.8	33.1	30.1
33.1	35.5	38.5	40.1	40.3	40	36.1	34.3	32.7	32.7	33	33.3	33.7

LASmin 8(LASmin 10 LASmin 12 LASmin 16 LASmin 20000

33.7 33.5 33.1 31.8 30.6

34 33.8 33.3 32 30.7

Record #	Date	Time	un Duratio	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim	LASmax	ASmax Tim	Apeak (ma
1	2/7/2023	7:19:29	15:00.0	15:00.0	00:00.0	68.4	97.9	63.7	7:26:11	73.7	7:23:51	95.6
2	2/7/2023	7:34:29	00:02.9	00:02.9	00:00.0	68.8	73.4	68.5	7:34:32	70.4	7:34:29	84.7

Peak (max)	SPL 1 Count	L 1 Duration	SPL 2 Count	L 2 Duration	Peak 1 Count	L 1 Duration	Peak 2 Count	L 2 Duration	Peak 3 Count	L 3 Duration	A(Projection)	A(Projection)
7:34:06	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9
7:34:29	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9

LAS0.00	LAS1.70	LAS8.30	LAS25.00	LAS50.00	LAS99.99	SEA	LCeq	LAeq	LCeq - LAec	LA1eq	LAeq	.A1eq - LAer
-99.9	71.2	69.9	69.1	68.2	63.7	-99.9	78.5	68.4	10.1	69	68.4	0.6
-99.9	70.4	70.3	70	69.5	68.5	-99.9	75.3	68.8	6.5	69.4	68.8	0.6

rerload	Courload	Dura	Overload	Overload	Du./1	L Aeq 8./1	L Aeq 16/1	L Aeq 31/1	L Aeq 63/1	L Aeq 12/1	L Aeq 25/1	L Aeq 50/1	L Aeq 10/1	L Aeq 20/1
0	0	0	0	0	-2.6	25.3	37.7	48.6	53.1	56.2	61.1	65.3	61.5	
0	0	0	0	0	-5.8	22.9	33.9	46.8	50.2	56.1	61	65.3	63.4	

1 LAeq 40	1 LAeq 80	1 LAeq 160	1 LASmax 1	1 LASmax 1L	1 LASmax 3L	1 LASmax 6L	1 LASmax 1L	1 LASmax 2L	1 LASmax 5	1 LASmax 1L	1 LASmax 2L	1 LASmax 4L
50.3	40.1	36.7	10.2	39.3	50.8	60.8	65.7	67.3	71.2	69.4	67.3	62.8
52.4	40	36.7	-4.5	25.8	37.3	50	52.9	59.2	65	66.3	63.9	54

. LASmax 8	LASmax 16	LASmin 8	LASmin 16	LASmin 31	LASmin 61	LASmin 111	LASmin 211	LASmin 511	LASmin 1011	LASmin 2011	LASmin 4011	LASmin 8011
53.4	39.7	-14.4	12.1	26.1	31.5	46.5	49.2	54.6	61.2	56	43	38.5
41.5	36.8	-7.2	20.1	33.1	46.1	49.7	55.5	60.6	65	62.7	51.3	39.6

LASmin	16./3 LAeq	6./3 LAeq	8./3 LAeq	10./3 LAeq	12./3 LAeq	16./3 LAeq	20./3 LAeq	25./3 LAeq	31./3 LAeq	40./3 LAeq	50./3 LAeq	63./3 LAeq	80.
36.6	-16	-8.2	-4.1	7.8	18.1	24.2	27.6	32.1	35.7	38.6	43	46.6	
36.7	-17.5	-12.5	-5.9	7.3	19	21.6	22.7	28	33.2	35.7	43.2	44.5	

/3 LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3
49.4	48	47.6	49.3	51.2	53.1	54.5	55.9	57.9	60.7	61.2	59.7	58.8
45.8	46.2	44.7	47.1	51.3	53.5	57.7	55.2	56	59.2	61.4	60.8	60.3

1/3 LAeq 20'	1/3 LAeq 25'	1/3 LAeq 31'	1/3 LAeq 40'	1/3 LAeq 50'	1/3 LAeq 63'	1/3 LAeq 80'	1/3 LAeq 100'	1/3 LAeq 125'	1/3 LAeq 160'	1/3 LAeq 200'	1/3 LASmax	1/3 LASmax
56.6	53	48.6	43.7	39.5	36.7	34.9	33.8	33.1	31.8	30.6	-9.9	2.2
59	54.7	51	45.8	40.3	36.8	34.6	33.6	33.1	31.8	30.5	-25.9	-4.4

3 LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 1
9.8	20.9	34.2	37.7	42.1	46.8	48.5	50.6	55.9	60.6	62.4	61.7	65.4
-6.1	7.9	21.1	24.1	23.7	30.2	36.1	37.9	44.8	47.9	50.5	48.9	46.1

3 LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 103	LASmax 113	LASmax 123	LASmax 133	LASmax 203	LASmax 213	LASmax 303
58.4	63.2	66.6	70.2	65.7	67.2	66.4	66.2	63.3	63.7	62.7	62.5	60.5	
52.7	53.2	57.3	61.8	60.1	58.8	61	62.3	61.8	61	59.5	55.6	52.3	

LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20	LASmin 6	LASmin 8	LASmin 10	LASmin 12	LASmin 16
57.4	54.2	50.6	48.8	39.4	36.5	37.2	31	-27.5	-27.8	-18.1	-4.1	3.6
47.7	42.7	38.8	35.9	34.3	33.3	31.9	30.6	-27.5	-13.8	-7.8	4.7	16.1

3 LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 3
10.6	16.6	22	27.1	14.9	34.5	39.4	41.9	40.3	39.5	42.2	33.2	44.5
19.6	20.3	26.8	32.4	34.4	40.7	44	45.3	45.2	44	47.4	49.5	53

3 LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 123	LASmin 143	LASmin 163	LASmin 183	LASmin 203	LASmin 223	LASmin 243	LASmin 263	LASmin 283	LASmin 303
46.1	49.2	47.5	53.3	57	55	53.8	50.7	46.2	40.6	36.2	34.1	33.8		
56.4	54.9	55.8	58.8	61.2	60.2	59.6	58.3	54.2	49.9	44.4	39.4	36		

3 LASmin 8(LASmin 10 LASmin 12 LASmin 16 LASmin 20000

33.7 33.4 32.8 30.4 30.4

34.5 33.6 33.1 31.7 30.5

Record #	Date	Time	un Duratio	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim	LASmax	ASmax Tim	Apeak (ma
1	2/7/2023	7:42:10	15:00.0	15:00.0	00:00.0	67.4	96.9	63.6	7:42:46	75.3	7:47:45	87
2	2/7/2023	7:57:10	00:22.8	00:22.8	00:00.0	66.7	80.3	65.4	7:57:33	68.4	7:57:26	83.1

Peak (max)	SPL 1 Count	L 1 Duration	SPL 2 Count	L 2 Duration	Peak 1 Count	L 1 Duration	Peak 2 Count	L 2 Duration	Peak 3 Count	L 3 Duration	A(Projection)	A(Projection)
7:47:44	1	2.6	0	0	0	0	0	0	0	0	-99.9	-99.9
7:57:27	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9

LAS0.00	LAS1.70	LAS8.30	LAS25.00	LAS50.00	LAS99.99	SEA	LCeq	LAeq	LCeq - LAec	LA1eq	LAeq	.A1eq - LAer
-99.9	70.3	68.7	67.8	67.1	63.6	-99.9	76.6	67.4	9.3	67.9	67.4	0.6
-99.9	68.4	68.1	67	66.5	65.4	-99.9	76.4	66.7	9.6	67.4	66.7	0.7

rerload	Courload	Dura	Overload	Overload	Du./1	L Aeq 8./1	L Aeq 16/1	L Aeq 31/1	L Aeq 63/1	L Aeq 12/1	L Aeq 25/1	L Aeq 50/1	L Aeq 100/1	L Aeq 200/1
0	0	0	0	0	-3.1	22	35.5	47.3	52.3	55.9	59.5	64.6	60	
0	0	0	0	0	-4.1	21.1	35.5	48.1	52.3	53.6	58.5	64.2	59.1	

1 LAeq 40'	1 LAeq 80'	1 LAeq 160'	LASmax 8'	LASmax 11'	LASmax 31'	LASmax 61'	LASmax 111'	LASmax 211'	LASmax 511'	LASmax 1111'	LASmax 2111'	LASmax 4111'
49.1	39.7	36.7	7.1	33.1	45.4	61.8	69.1	72.5	65.2	68.5	63.2	55.2
48.6	40	36.8	0	26.4	38.1	54.6	57.8	55.5	62.2	66	60.5	52.3

LASmax 8	LASmax 16	LASmin 8	LASmin 16	LASmin 31	LASmin 61	LASmin 111	LASmin 211	LASmin 511	LASmin 1011	LASmin 2011	LASmin 4011	LASmin 8011
44.9	37.2	-20	12	22.3	40.4	45.6	50.2	54	61	56.4	45.4	38.7
44.1	37.7	-11.7	13.4	32.3	43.2	47.6	51.5	55.9	62.8	58	46.9	39

LASmin	16./3 LAeq	6./3 LAeq	8./3 LAeq	10./3 LAeq	12./3 LAeq	16./3 LAeq	20./3 LAeq	25./3 LAeq	31./3 LAeq	40./3 LAeq	50./3 LAeq	63./3 LAeq	80.
36.6	-16.7	-12	-3.5	4.6	15.8	20.7	24.6	29.7	33.7	37.6	42.1	45.2	
36.6	-16.6	-13.2	-4.7	1.5	11.9	20.4	24.8	27.7	34.3	36.8	40.2	46.8	

/3 LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3
45.8	46.4	49.5	50.2	51.8	51.4	52.4	53.9	56.7	59.8	60.7	58.9	57.2
45.2	49	47.7	47.5	49.1	49.7	51.8	53.4	55.3	60	60.2	58	56.4

1/3 LAeq 20'	1/3 LAeq 25'	1/3 LAeq 31'	1/3 LAeq 40'	1/3 LAeq 50'	1/3 LAeq 63'	1/3 LAeq 80'	1/3 LAeq 100'	1/3 LAeq 125'	1/3 LAeq 160'	1/3 LAeq 200'	LASmax (3	LASmax (3
55.1	51.5	47.3	42.8	39	36.2	34.5	33.7	33.1	31.8	30.6	-13.9	-0.5
54.3	50.9	46.5	42.8	38.6	36.3	34.9	34	33.3	31.8	30.6	-20.5	-11.4

3 LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 1
7	14.2	30.1	31.2	37.3	42.1	44.9	45.4	58.9	62.3	60	59.7	68.9
-0.8	7.5	16	25.9	29.2	31.7	37	39.2	43.8	54.2	50.2	56.2	53.2

3 LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 103	LASmax 113	LASmax 123	LASmax 133	LASmax 203	LASmax 213	LASmax 303
68.5	70.1	62.3	62.6	62.3	63.9	66	64.1	63	60.8	58.2	55.9	52.8	
50	51.4	51.8	56.1	58.1	58.4	63.1	61.5	59.1	57.6	56	52.5	48.1	

LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20	LASmin 6	LASmin 8	LASmin 10	LASmin 12	LASmin 16
49.8	47.1	43	39.4	35.8	34.1	32.2	30.8	-27.5	-27.8	-18.5	-7.4	2
49	42.8	41.7	38	36.1	35.1	32.4	30.7	-27.5	-27.8	-12.9	-3.5	7

3 LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 3
10	17.4	20.1	26.1	31.3	33.8	37.2	38.8	40	41.4	43.3	41.8	45.5
11.3	18.2	24	29.7	34.4	36.3	39.9	41.3	42.1	43.6	44.8	46	47.5

3 LASmin 8(LASmin 10 LASmin 12 LASmin 16 LASmin 20000

33.8 33.4 32.8 31.6 29.6

34.1 33.6 32.9 31.6 30.5

Record #	Date	Time	un Duratio	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim	LASmax	ASmax Tim	Apeak (ma
1	2/7/2023	8:02:32	15:00.0	15:00.0	00:00.0	57.6	87.2	48.8	8:06:01	74.2	8:04:32	92.2
2	2/7/2023	8:17:32	00:02.5	00:02.5	00:00.0	54.6	58.6	54.1	8:17:34	58.1	8:17:32	76.3

Peak (max) T	SPL 1 Count	L 1 Duration	SPL 2 Count	L 2 Duration	Peak 1 Count	L 1 Duration	Peak 2 Count	L 2 Duration	Peak 3 Count	L 3 Duration	A(Projection)	A(Projection)
8:16:48	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9
8:17:32	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9

LAS0.00	LAS1.70	LAS8.30	LAS25.00	LAS50.00	LAS99.99	SEA	LCeq	LAeq	LCeq - LAec	LA1eq	LAeq	.A1eq - LAer
-99.9	66.2	60.1	57.2	54.6	48.8	-99.9	73	57.6	15.4	59.8	57.6	2.2
-99.9	58	57.9	57.4	56.3	54.1	-99.9	64.9	54.6	10.3	65.3	54.6	10.7

rerload	Courload	Dura	Overload	Overload	Du./1	L Aeq 8./1	L Aeq 16/1	L Aeq 31/1	L Aeq 63/1	L Aeq 12/1	L Aeq 25/1	L Aeq 50/1	L Aeq 100/1	L Aeq 200/1
0	0	0	0	0	-12.1	10.4	26.9	47.3	51	48.8	49.5	52.1	47.7	
0	0	0	0	0	-17.4	4	23.1	34.7	40	41	51.4	52	44.9	

1 LAeq 40	1 LAeq 80	1 LAeq 160	1 LASmax 8	1 LASmax 11	1 LASmax 31	1 LASmax 61	1 LASmax 11	1 LASmax 21	1 LASmax 5	1 LASmax 11	1 LASmax 21	1 LASmax 41
41.8	38.9	36.8	-3.5	26.3	44.6	68.4	72.6	66.6	64.9	60	59.3	56.7
39	38.5	36.8	-22.6	5.4	23.8	35.2	40.8	41.8	52	55.6	48.2	46.6

LASmax 8	LASmax 16	LASmin 8	LASmin 16	LASmin 31	LASmin 61	LASmin 111	LASmin 211	LASmin 511	LASmin 1011	LASmin 2011	LASmin 4011	LASmin 8011
52.1	38.3	-23.3	0.6	19.7	33.2	35.7	38.1	41.4	44.8	39	37.8	38.3
41.2	36.8	-23.3	1.8	22	34.1	39.9	40.9	46.7	50	44.6	40.4	38.8

LASmin	16./3	LAeq 6./3	LAeq 8./3	LAeq 10./3	LAeq 12./3	LAeq 16./3	LAeq 20./3	LAeq 25./3	LAeq 31./3	LAeq 40./3	LAeq 50./3	LAeq 63./3	LAeq 80.
36.6	-16.6	-16.6	-13.2	-6.9	0.4	9.8	15.7	21.4	25.1	29.3	38.4	46.6	
36.8	-16.5	-18.1	-14.8	-12.7	-3.8	2.3	14.3	16.9	20.3	25	30.8	32.3	

/3 LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3
48.3	45.5	44.2	44.7	44.9	42.1	43.5	44.6	45.8	47.6	48	46.6	44.7
35.8	34.7	35.5	34.8	37	36.7	43.7	47.3	47.7	52.6	45	44.3	42.3

1/3 LAeq 20'	1/3 LAeq 25'	1/3 LAeq 31'	1/3 LAeq 40'	1/3 LAeq 50'	1/3 LAeq 63'	1/3 LAeq 80'	1/3 LAeq 100'	1/3 LAeq 125'	1/3 LAeq 160'	1/3 LAeq 200'	1/3 LASmax	1/3 LASmax
42.9	40	38.3	37.2	35.2	34.6	34.1	33.6	33.2	31.8	30.6	-17.1	-11.4
39.6	37.6	35.1	34.1	33.5	33.8	33.9	33.6	33.2	31.9	30.7	-21.8	-23.9

3 LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 1
-4.7	1.5	16.6	25.7	31.6	38.3	43.5	45.7	58.2	68.2	72.5	65	63.5
-15.8	-10.4	-2.4	3.9	15.8	17.8	21.7	25.7	31.6	33.1	36.4	35.6	36.4

3 LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 103	LASmax 123	LASmax 143	LASmax 163	LASmax 203	LASmax 243	LASmax 303
63.9	65.6	58.4	58.5	62.9	56.2	56.4	56.4	56	54.7	59.1	54.3	54.7	
36.5	37.4	37.7	44.6	48	49.3	55.6	46.6	46.2	45.6	42.8	41.7	41.4	

LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20	LASmin 6	LASmin 8	LASmin 10	LASmin 12	LASmin 16
54.9	54.1	50.3	44.8	36.7	35.6	32.9	33.2	-27.5	-27.8	-26.9	-19.9	-15.3
42.8	39.9	38.2	35.6	34.1	33.3	31.9	30.7	-21.8	-25.1	-26.1	-16.1	-5.5

3 LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 3
-1.6	3.4	13	17.9	21.4	18.8	29.3	29.8	30.8	30.4	32.4	33.4	32.2
0.2	13.7	15.7	19.4	23.8	29.6	30.9	34.8	34.5	34.9	34.6	36.5	36.4

3	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 123	LASmin 143	LASmin 163	LASmin 183	LASmin 203	LASmin 223	LASmin 243	LASmin 263	LASmin 283	LASmin 303
34	36.2	38.2	40.4	40.3	38.3	35.4	33.1	32.2	32.8	32.7	33.1	33.5			
39	41.2	43.9	47.9	44	42.9	41.6	39.2	37.6	35.9	35.9	34.7	34.4			

3 LASmin 8(LASmin 10 LASmin 12 LASmin 16 LASmin 20000

32.9	33	32.9	31.6	30.4
34.1	33.6	33.2	31.8	30.6

Record #	Date	Time	un Duratio	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim	LASmax	ASmax Tim	Apeak (ma
1	2/7/2023	8:20:41	15:00.0	15:00.0	00:00.0	53.1	82.6	43.4	8:29:13	68.3	8:32:35	88.4
2	2/7/2023	8:35:41	00:45.6	00:45.6	00:00.0	45.9	62.5	43.7	8:36:23	49.7	8:35:42	73.3

Peak (max)	SPL 1 Count	L 1 Duration	SPL 2 Count	L 2 Duration	Peak 1 Count	L 1 Duration	Peak 2 Count	L 2 Duration	Peak 3 Count	L 3 Duration	A(Projection)	A(Projection)
8:25:13	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9
8:36:25	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9

LAS0.00	LAS1.70	LAS8.30	LAS25.00	LAS50.00	LAS99.99	SEA	LCeq	LAeq	LCeq - LAec	LA1eq	LAeq	.A1eq - LAer
-99.9	62.5	57.1	51.4	47.7	43.4	-99.9	65.7	53.1	12.6	56.8	53.1	3.7
-99.9	49.3	48.5	46.4	45.3	43.7	-99.9	59.4	45.9	13.4	46.9	45.9	0.9

rerload	Courload	Dura	Overload	Overload	Du./1	L Aeq 8./1	L Aeq 16/1	L Aeq 31/1	L Aeq 63/1	L Aeq 12/1	L Aeq 25/1	L Aeq 50/1	L Aeq 100/1	L Aeq 200/1
0	0	0	0	0	-13.4	5.2	23.3	38.1	40.4	42.2	46.5	49.3	45	
0	0	0	0	0	-13.5	1.2	18.6	31.4	35.5	35.3	40.8	42.5	37.4	

1 LAeq 40	1 LAeq 80	1 LAeq 160	1 LASmax 8	1 LASmax 11	1 LASmax 31	1 LASmax 61	1 LASmax 111	1 LASmax 211	1 LASmax 511	1 LASmax 1111	1 LASmax 2111	1 LASmax 4111
41.8	39.5	36.8	2.2	29.4	39.2	48.9	53.1	56.8	63.5	65.2	60.5	54.3
37.7	38.6	36.8	-11.5	5.1	22.6	37.1	40.1	40.7	46.8	45.1	39.5	39.4

LASmax 8	LASmax 16	LASmin 8	LASmin 16	LASmin 32	LASmin 64	LASmin 128	LASmin 256	LASmin 512	LASmin 1024	LASmin 2048	LASmin 4096	LASmin 8192
51.1	39.5	-23.3	-3.2	14	27.7	32.1	32.4	37.5	39.9	35.9	37.3	37.9
40.1	37	-23.3	-2	15.6	28.1	32.6	32.5	38.2	40.4	35.8	37.4	38.4

LASmin	16./3	LAeq 6./3	LAeq 8./3	LAeq 10./3	LAeq 12./3	LAeq 16./3	LAeq 20./3	LAeq 25./3	LAeq 31./3	LAeq 40./3	LAeq 50./3	LAeq 63./3	LAeq 80.
36.7	-16.6	-16.9	-14.9	-7.8	-2.5	4.4	11.9	18.7	20.9	27.9	36.1	32.6	
36.7	-16.6	-16.9	-15	-10.1	-4.5	-0.5	5.1	13.6	16.6	20.1	28.5	27.6	

/3 LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3
33.4	36.7	36.1	36.2	38.1	38	40.1	41.7	43.1	44.4	45.4	43.7	41.8
29.8	31.4	31.3	31.2	31	29.7	32.6	37	37.2	38.9	38	35.5	33.6

1/3 LAeq 20' 3 LAeq 25' 3 LAeq 31' 3 LAeq 40' 3 LAeq 50' 3 LAeq 63' 3 LAeq 80' 3 LAeq 100' 3 LAeq 125' 3 LAeq 160' 3 LAeq 200' 3 LASmax (3 LASmax (

39.9	38.3	37.5	37	36.4	35	35.2	33.9	33.3	31.9	30.7	-15.6	-7.4
32.2	31.9	32.4	32.9	33.5	33.9	34	33.6	33.3	31.9	30.7	-22.4	-21.3

LASmax 1	LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 83	LASmax 13	LASmax 13	LASmax 1
1.7	5.8	9.7	22.3	32.8	30	39.2	43.5	47.3	46.8	47.2	49.6	52.1
-14	-6.5	0.8	2.6	8.4	17.8	20.8	24.3	36.2	30.5	34.2	37.5	36.5

3 LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 103	LASmax 113	LASmax 123	LASmax 133	LASmax 203	LASmax 213	LASmax 303
51.8	54.5	53.4	57.2	57.2	61.9	62.2	61.4	59.2	58.4	55.1	53.3	49.7	
38.5	36.6	32.6	37.8	45.6	40.1	41.5	41	38.2	36.4	34.5	33.1	34	

LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20	LASmin 6	LASmin 8	LASmin 10	LASmin 12	LASmin 16
50.8	51	46.6	48.8	42.2	37.5	33.1	31.3	-24.9	-27.8	-26.9	-25.9	-12.4
34.1	36.1	35.9	36.5	34	33.5	32	30.8	-22.4	-27.8	-26.9	-18.7	-9.6

3 LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 3
-5.4	1.8	6.4	11.2	16.1	21.1	24.5	25.9	27.8	26	26.6	27	27.3
-4.4	1	9.6	11.8	15.3	22.5	24.5	26.2	28.4	27.5	26.1	28.2	27.1

3 LASmin 43 LASmin 53 LASmin 63 LASmin 83 LASmin 103 LASmin 123 LASmin 143 LASmin 163 LASmin 183 LASmin 203 LASmin 223 LASmin 243 LASmin 263 LASmin 283 LASmin 303 LASmin 323 LASmin 343 LASmin 363 LASmin 383 LASmin 403 LASmin 423 LASmin 443 LASmin 463 LASmin 483 LASmin 503 LASmin 523 LASmin 543 LASmin 563 LASmin 583 LASmin 603 LASmin 623 LASmin 643 LASmin 663 LASmin 683 LASmin 703 LASmin 723 LASmin 743 LASmin 763 LASmin 783 LASmin 803 LASmin 823 LASmin 843 LASmin 863 LASmin 883 LASmin 903 LASmin 923 LASmin 943 LASmin 963 LASmin 983 LASmin 1003

29.5	31.9	34.8	36.5	35.1	32.9	31.1	30.6	31	31.8	32.3	33.1	33.4
29.9	32.5	35.3	37.2	35.6	32.8	31	30.8	31.1	31.8	32.5	33.1	33.6

LASmin 8 LASmin 10 LASmin 12 LASmin 16 LASmin 20000

33.6	33.4	33	31	30.5
33.7	33.5	33.1	31.7	30.6

Record #	Date	Time	un Duratio	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim	LASmax	ASmax Tim	Apeak (ma
1	2/7/2023	8:46:28	15:00.0	15:00.0	00:00.0	63.7	93.2	44.9	8:58:41	79.3	8:47:13	98.1
2	2/7/2023	9:01:28	00:02.9	00:02.9	00:00.0	52.9	57.5	52.7	9:01:29	56	9:01:28	90.3

Peak (max)	SPL 1 Count	L 1 Duration	SPL 2 Count	L 2 Duration	Peak 1 Count	L 1 Duration	Peak 2 Count	L 2 Duration	Peak 3 Count	L 3 Duration	A(Projection)	A(Projection)
8:56:41	2	8.7	0	0	0	0	0	0	0	0	-99.9	-99.9
9:01:28	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9

LAS0.00	LAS1.70	LAS8.30	LAS25.00	LAS50.00	LAS99.99	SEA	LCeq	LAeq	LCeq - LAec	LA1eq	LAeq	.A1eq - LAer
-99.9	72	67.4	64.1	59	44.9	-99.9	72.6	63.7	8.9	65.9	63.7	2.2
-99.9	55.9	55.3	54.2	53.4	52.7	-99.9	62.2	52.9	9.3	65.1	52.9	12.3

rerload Courload Dura Overload Overload Du./1 LAeq 8./1 LAeq 16/1 LAeq 31/1 LAeq 63/1 LAeq 12/1 LAeq 25/1 LAeq 50/1 LAeq 10/1 LAeq 20/1														
0	0	0	0	-11.1	10.9	28.7	43.9	50.9	55.3	57.1	59.7	55.1		
0	0	0	0	-14.6	2.6	21.5	32.6	40	43.3	47.5	49.3	43.4		

1 LAeq 40	1 LAeq 80	1 LAeq 160	1 LASmax 8	1 LASmax 11	1 LASmax 31	1 LASmax 61	1 LASmax 11	1 LASmax 21	1 LASmax 5	1 LASmax 11	1 LASmax 21	1 LASmax 41
47.9	42.7	37.3	8.4	31.9	42.2	60.8	70.6	75.8	74.1	76.6	68.9	65.3
38.7	38.7	36.8	-16.4	6.3	22.6	33.8	40.7	44.1	48.7	50.5	50.3	51.8

LASmax 8	LASmax 16	LASmin 8	LASmin 16	LASmin 31	LASmin 61	LASmin 111	LASmin 211	LASmin 511	LASmin 1011	LASmin 2011	LASmin 4011	LASmin 8011
61.3	49.4	-23.3	-1.5	17	30.5	37.5	36.6	37.7	39	36.7	37.4	37.1
43.3	37.2	-19.9	2.3	19.6	32.3	39.9	42.7	45	47.1	44.7	42.1	39.2

LASmin	16./3	LAeq 6./3	LAeq 8./3	LAeq 10./3	LAeq 12./3	LAeq 16./3	LAeq 20./3	LAeq 25./3	LAeq 31./3	LAeq 40./3	LAeq 50./3	LAeq 63./3	LAeq 80.
36.1	-16.6	-15.1	-12.6	-4.7	4.4	9.6	13.8	21.8	27.6	31.4	37.6	42.4	
36.8	-16.6	-17.4	-16.8	-10.6	-0.5	1.2	6.8	11.9	20.9	21.4	27.6	30.6	

/3 LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3
45.8	47.1	46	48.5	51.7	50.9	50.8	52	53.9	55.2	55.4	54.1	52.3
32.1	35.9	36.8	38.9	36.9	39.4	42.5	41.9	43.5	46.1	44	43	40.5

1/3 LAeq 20'	1/3 LAeq 25'	1/3 LAeq 31'	1/3 LAeq 40'	1/3 LAeq 50'	1/3 LAeq 63'	1/3 LAeq 80'	1/3 LAeq 100'	1/3 LAeq 125'	1/3 LAeq 160'	1/3 LAeq 200'	1/3 LASmax	1/3 LASmax
50	47.3	44.9	42.7	40.5	40.1	37.1	35.4	34.1	32.1	30.7	-11.3	5.5
37.9	35.6	34.2	33.9	33.8	34	34.1	33.7	33.3	31.9	30.7	-20.9	-23.9

3 LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 1
5.5	12.1	24.7	31.3	33	40.1	42.1	52.8	54.6	60.4	67.8	68.1	62.4
-20.5	-10.7	1.7	3.7	10.9	13.7	21.7	24.4	28.2	31.9	34.4	36.6	37.7

3	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 103	LASmax 113	LASmax 123	LASmax 203	LASmax 213	LASmax 303
68.4	73.2	71.1	68.1	68.7	72.2	73.3	71.6	70.4	67	63.3	62.3	61.6	
40.8	38.7	40.6	43.5	43.5	44.9	47.5	45.1	44.2	44.5	48.3	43.8	43.6	

LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20	LASmin 6	LASmin 8	LASmin 10	LASmin 12	LASmin 16
61.6	60	60.9	51.8	48.8	49.7	39.4	33.9	-27.5	-27.8	-26.9	-21.1	-10.8
47.4	43.4	39.4	39.8	34.8	33.9	32.4	30.8	-20.9	-23.9	-26.9	-16	-2.6

3 LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 3
-4.7	3.7	8.8	15.7	19.3	24.2	27.3	30.1	32.7	33	23.6	28.7	31.1
0.4	5.2	11.2	19.1	21.2	25.9	30.2	32	35	36.3	38.6	36.3	37.7

3 LASmin 43 LASmin 53 LASmin 63 LASmin 83 LASmin 103 LASmin 123 LASmin 143 LASmin 203 LASmin 253 LASmin 333 LASmin 403 LASmin 503 LASmin 603

32.5	32.3	32.9	34.4	34.3	33.2	32.2	31.6	31.5	31.9	32.6	33.1	33.6
40.2	39.2	40.8	42.8	41.9	41.2	40.7	40.2	37.4	36.1	37.5	35.5	34.5

3 LASmin 8(LASmin 10 LASmin 12 LASmin 16 LASmin 20000

33.5	31.6	33	31.7	29.3
34.7	33.7	33.3	31.8	30.7

Record #	Date	Time	un Duratio	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim	LASmax	ASmax Tim	Apeak (ma
1	2/7/2023	9:04:02	15:00.0	15:00.0	00:00.0	64	93.6	47.8	9:09:02	88	9:12:40	104.9
2	2/7/2023	9:19:02	00:00.7	00:00.7	00:00.0	58.3	56.8	57.7	9:19:02	58.1	9:19:02	69.9

Peak (max) T	SPL 1 Count	L 1 Duration	SPL 2 Count	L 2 Duration	Peak 1 Count	L 1 Duration	Peak 2 Count	L 2 Duration	Peak 3 Count	L 3 Duration	A(Projection)	A(Projection)
9:12:41	1	7.1	2	3.1	0	0	0	0	0	0	-99.9	47
9:19:02	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9

LAS0.00	LAS1.70	LAS8.30	LAS25.00	LAS50.00	LAS99.99	SEA	LCeq	LAeq	LCeq - LAec	LAleq	LAeq	.Aleq - LAer
-99.9	67.7	62.1	59.5	56.9	47.9	-99.9	71.4	64	7.3	70.1	64	6.1
-99.9	58.1	58.1	58	57.8	57.7	-99.9	69.6	58.3	11.3	58.8	58.3	0.5

rerload	Courload	Dura	Overload	Overload	Du./1	L Aeq 8./1	L Aeq 16/1	L Aeq 31/1	L Aeq 63/1	L Aeq 12/1	L Aeq 25/1	L Aeq 50/1	L Aeq 100/1	L Aeq 200/1
0	0	0	0	0	-13.3	7.3	27.9	41.9	49.9	50.2	57.5	59.8	58.5	
0	0	0	0	0	-15.2	6.6	27.6	41.5	44.7	47.8	50.7	54.6	51.5	

1 LAeq 40'	1 LAeq 80'	1 LAeq 160'	LASmax 8'	LASmax 11'	LASmax 31'	LASmax 61'	LASmax 111'	LASmax 211'	LASmax 511'	LASmax 1111'	LASmax 2111'	LASmax 4111'
49.7	40.7	36.9	-1.7	27.7	41.6	61.4	68.3	65.2	81.6	84.7	82.9	74.1
42.4	38.7	36.9	-15.4	7.2	27.5	44	48.4	47.6	50.1	54.2	51.5	42.1

LASmax 8	LASmax 16	LASmin 8	LASmin 16	LASmin 32	LASmin 64	LASmin 128	LASmin 256	LASmin 512	LASmin 1024	LASmin 2048	LASmin 4096	LASmin 8192
61.6	44.7	-23.3	-0.6	14.9	16.2	38.4	36.8	38.6	41.4	39.1	38.4	38.2
38.7	36.9	-19.3	6.4	25.6	42.9	46.8	47.2	49.3	53.7	51.1	41.8	38.7

LASmin	16./3	LAeq 6./3	LAeq 8./3	LAeq 10./3	LAeq 12./3	LAeq 16./3	LAeq 20./3	LAeq 25./3	LAeq 31./3	LAeq 40./3	LAeq 50./3	LAeq 63./3	LAeq 80.
36.7	-16.6	-16.6	-14.8	-7.8	-0.6	6.5	13.1	22.7	26.1	29.9	36.6	40	
36.9	-16.8	-19.8	-13.7	-9.6	2.1	3.9	15.6	18.3	25	39.4	38.1	39.9	

/3 LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3
45.8	44.6	44.9	44.8	44.9	46.5	51.6	55.1	49.8	54.6	56.1	54.2	56.6
35.4	40.1	41.5	40.1	43.5	43.9	46.2	46.7	44.8	48.1	51.5	49.9	48.1

1/3 LAeq 20'	1/3 LAeq 25'	1/3 LAeq 31'	1/3 LAeq 40'	1/3 LAeq 50'	1/3 LAeq 63'	1/3 LAeq 80'	1/3 LAeq 100'	1/3 LAeq 125'	1/3 LAeq 160'	1/3 LAeq 200'	1/3 LASmax	1/3 LASmax
52	49.6	46.6	44.6	41	37.6	35.3	34.1	33.4	32	30.7	-16.2	-8
47.5	43.4	39.9	36.2	34.5	34	34.1	33.6	33.2	32.1	30.7	-26	-25.1

LASmax 1	LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 13	LASmax 13	LASmax 1
-2.5	4.8	13.5	27.5	30.1	36	41.5	44.5	54.2	61.4	68.1	60.8	63.7
-18	-9	2.1	6.5	15.4	19.1	25.4	39.8	38.2	39.8	40.5	46.7	42.3

3 LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 103	LASmax 113	LASmax 123	LASmax 133	LASmax 203	LASmax 213	LASmax 303
57.6	55.3	63.7	76.8	79.5	67.4	79.2	81.2	79.5	81.1	76.6	74.4	71.1	
41.2	44.5	42.8	45	45.9	45	47.7	50.8	49.6	48.5	47	42.8	39.5	

LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20	LASmin 6	LASmin 8	LASmin 10	LASmin 12	LASmin 16
69.1	65.3	60.2	54.2	48.5	43	37.8	32.8	-26	-27.8	-26.9	-25.4	-8
36	34.5	34.1	34.1	33.7	33.3	32.1	30.8	-26	-25.1	-22.8	-10.3	1

3 LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 3
-3.1	3	9.3	12	11.2	25.1	23.4	29.1	34.5	34	35.2	34.7	34
5.5	14.8	18	23.8	38.3	37.5	37.7	38.3	44.4	41.8	40.6	44	41

3 LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 123	LASmin 143	LASmin 163	LASmin 183	LASmin 203	LASmin 223	LASmin 333	LASmin 403	LASmin 503	LASmin 603
31.3	36.2	36.4	35.5	36.6	37.1	35	34	32.9	33.7	33.6	33.5	33.7		
43.3	44.8	44.6	47.1	50	49	48.3	46.2	42.2	39.1	35.8	34.2	33.9		

LASmin 8(LASmin 10 LASmin 12 LASmin 16 LASmin 20000

33.4 33.1 32.9 31.3 30.5

34.1 33.7 33.3 32 30.7

Record #	Date	Time	un Duratio	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim	LASmax	ASmax Tim	Apeak (ma
1	2/7/2023	9:21:01	15:00.0	15:00.0	00:00.0	57.5	87.1	52.2	9:21:05	69.2	9:30:21	102.2
2	2/7/2023	9:36:01	00:01.1	00:01.1	00:00.0	59.7	60.1	60.2	9:36:02	61.1	9:36:01	75.9

Peak (max)	SPL 1 Count	L 1 Duration	SPL 2 Count	L 2 Duration	Peak 1 Count	L 1 Duration	Peak 2 Count	L 2 Duration	Peak 3 Count	L 3 Duration	A(Projection)	A(Projection)
9:30:21	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9
9:36:01	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9

LAS0.00	LAS1.70	LAS8.30	LAS25.00	LAS50.00	LAS99.99	SEA	LCeq	LAeq	LCeq - LAec	LA1eq	LAeq	.A1eq - LAer
-99.9	62.7	60.4	57.9	56.5	52.2	-99.9	69.8	57.5	12.3	61.2	57.5	3.6
-99.9	61.1	61	60.8	60.5	60.2	-99.9	72.1	59.7	12.4	60.8	59.7	1.1

rerload	Courload	Dura	Overload	Overload	Du./1	L Aeq 8./1	L Aeq 16/1	L Aeq 31/1	L Aeq 63/1	L Aeq 12/1	L Aeq 25/1	L Aeq 50/1	L Aeq 100/1	L Aeq 200/1
0	0	0	0	0	-13.7	6.7	29.4	40.5	49.3	49.8	49.7	51.8	50.1	
0	0	0	0	0	-12.7	5.1	26.9	40.3	54.4	52.4	54.3	51.3	47.6	

1 LAeq 40	1 LAeq 80	1 LAeq 160	1 LASmax 8	1 LASmax 11	1 LASmax 31	1 LASmax 61	1 LASmax 11	1 LASmax 21	1 LASmax 5	1 LASmax 11	1 LASmax 21	1 LASmax 41
45.1	39.1	36.9	-5.9	13.9	43.5	50.8	56.6	62.8	60.1	65.3	66.3	60.3
43.1	38.7	36.7	-15.5	5.9	26.6	40.7	55.4	53.5	56.7	53.3	48.2	43.1

LASmax 8	LASmax 16	LASmin 8	LASmin 16	LASmin 31	LASmin 61	LASmin 111	LASmin 211	LASmin 511	LASmin 1011	LASmin 2011	LASmin 4011	LASmin 8011
53.4	44.9	-23.3	-2.3	17.7	28.7	43.9	44.4	44	44.6	43	39.9	38.5
38.8	36.8	-23.3	5	24.5	40	54.5	52.5	55.2	52.1	47.6	42.5	38.7

LASmin	16./3	LAeq 6./3	LAeq 8./3	LAeq 10./3	LAeq 12./3	LAeq 16./3	LAeq 20./3	LAeq 25./3	LAeq 31./3	LAeq 40./3	LAeq 50./3	LAeq 63./3	LAeq 80.
36.7	-16.6	-16.8	-15.1	-8.1	-0.5	5.6	10.8	22.3	28.4	31.3	34.7	38.5	
36.7	-16.4	-14.4	-15.7	-9.3	0.1	3.4	10.8	23.4	23.6	24.2	34.5	38.4	

/3 LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3
41.3	45.1	46	43.8	45.2	46	45	45.3	44.7	46.1	47.6	47.5	45.9
45.7	47.3	52.8	45.3	46.3	49.2	51.4	48.3	49.4	45.8	46.8	46.4	43.5

1/3 LAeq 20'	1/3 LAeq 25'	1/3 LAeq 31'	1/3 LAeq 40'	1/3 LAeq 50'	1/3 LAeq 63'	1/3 LAeq 80'	1/3 LAeq 100'	1/3 LAeq 125'	1/3 LAeq 160'	1/3 LAeq 200'	1/3 LASmax	1/3 LASmax
45.2	44.8	42.7	39.4	36.7	34.8	34.3	33.8	33.3	32	30.7	-12.9	-5.3
42	43.2	40.8	36.9	34.8	34.1	34	33.8	33.3	31.7	30.6	-22.4	-22.2

3 LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 1
-7.9	-1.3	6.6	13.9	21.3	33.5	43.5	47.9	45.2	50.6	53	54.2	55.8
-21	-8.5	0.4	5.6	11.1	23.9	23	28.1	34.7	39.2	45.4	48.7	54

3 LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 103	LASmax 123	LASmax 143	LASmax 163	LASmax 203	LASmax 243	LASmax 303
54.7	57.6	60.9	54.6	59.7	56.7	58.2	61.8	61.9	59.9	61.5	63.2	58.4	40.8
46	47	51	52.1	50.7	53	49.6	48.4	47	44.7	42.7	43.1	40.8	40.8

LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20	LASmin 6	LASmin 8	LASmin 10	LASmin 12	LASmin 16
54.4	54.8	50	48.2	47.3	41.2	40.8	33.9	-22.4	-27.8	-26.9	-23.2	-14
36.8	34.9	34.2	34.2	33.8	33.2	31.9	30.7	-22.4	-27.8	-26.9	-10.2	-1.3

3 LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 3
-2.3	2.6	11.4	15.8	20.4	28.6	29.7	33.7	38.9	39.9	36.8	38.5	38.4
3.9	10.4	21.4	20.5	25.7	33.2	38.2	43.5	47.6	52.8	44.9	46.2	49.8

3 LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 123	LASmin 143	LASmin 163	LASmin 183	LASmin 203	LASmin 223	LASmin 243	LASmin 263	LASmin 283	LASmin 303
38.5	28.8	34.8	38.4	38.4	35.9	37.4	37.2	32.6	36.3	35	33.9	33.8		
51.3	49.1	50.6	47.4	47.4	46.2	43.8	42.2	42.1	39.8	36.5	34.7	34		

3 LASmin 8(LASmin 10 LASmin 12 LASmin 16 LASmin 20000

32.8	33.4	33	31.3	30.5
34	33.6	33.2	31.7	30.6

Record #	Date	Time	un Duratio	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim	LASmax	ASmax Tim	Apeak (ma
1	2/7/2023	9:51:17	15:00.0	15:00.0	00:00.0	68.1	97.6	53.8	10:03:04	79.7	9:56:24	93
2	2/7/2023	10:06:17	00:02.1	00:02.1	00:00.0	57.8	61	55.3	10:06:18	58.2	10:06:19	71.9

Peak (max)	SPL 1	Count 1	Duration 1	SPL 2	Count 2	Duration 2	Peak 1	Count 1	Duration 1	Peak 2	Count 2	Duration 2	Peak 3	Count 3	Duration 3	A(Projection)	A(Projection)
9:57:10	3	56.5	0	0	0	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9
10:06:19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-99.9	-99.9

LAS0.00	LAS1.70	LAS8.30	LAS25.00	LAS50.00	LAS99.99	SEA	LCeq	LAeq	LCeq - LAec	LA1eq	LAeq	.A1eq - LAer
-99.9	77.7	72.1	67.6	64.2	53.9	-99.9	74.8	68.1	6.7	69.5	68.1	1.4
-99.9	58.2	57.6	57.1	56.6	55.3	-99.9	72.5	57.8	14.7	59.3	57.8	1.5

rerload Courload Dura Overload Overload Du./1 LAeq 8./1 LAeq 16/1 LAeq 31/1 LAeq 63/1 LAeq 12/1 LAeq 25/1 LAeq 50/1 LAeq 10/1 LAeq 20/1														
0	0	0	0	-12.6	8.5	35.4	43.4	52.2	55.1	60	64.8	61.6		
0	0	0	0	-14.5	5.3	34.5	45.9	42.6	43.2	50	54	52.2		

1 LAeq 40	1 LAeq 80	1 LAeq 160	1 LASmax 8	1 LASmax 11	1 LASmax 31	1 LASmax 61	1 LASmax 11	1 LASmax 21	1 LASmax 5	1 LASmax 11	1 LASmax 21	1 LASmax 41
55.5	45.8	37.7	4.1	22	47.7	55.2	69.6	69.2	74.2	76.8	76.2	68.4
43.6	39.1	36.8	-16.6	6.4	34.6	45.8	43.1	43.8	50.4	54.3	53.5	43.7

LASmax 8	LASmax 16	LASmin 8	LASmin 16	LASmin 31	LASmin 61	LASmin 111	LASmin 211	LASmin 511	LASmin 1011	LASmin 2011	LASmin 4011	LASmin 8011
58.3	51.8	-23.3	-4.8	21.2	33	37.6	41	43.7	47.4	46.4	39.9	38.7
39.2	36.9	-23.3	4.6	32.6	44.8	41.5	42.3	48.1	51.2	48.1	42.6	39

LASmin	16./3	LAeq 6./3	LAeq 8./3	LAeq 10./3	LAeq 12./3	LAeq 16./3	LAeq 20./3	LAeq 25./3	LAeq 31./3	LAeq 40./3	LAeq 50./3	LAeq 63./3	LAeq 80.
35.9	-13.7	-7.5	-13.6	-7	0.7	7.6	22.8	24.8	34.8	34.5	39	40.4	
36.7	-16.6	-14.6	-14.8	-9.3	2.3	2.1	26.2	25.6	32.7	25.4	35.7	45.4	

/3 LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3
45.6	48.3	48	45	48.9	53.2	55.3	52.7	56.4	63.1	58.9	55.5	56.1
37.3	37.6	36.7	36.3	39.2	39.5	40.4	44.5	47.9	45.3	50	50.6	49.8

1/3 LAeq 20'	1/3 LAeq 25'	1/3 LAeq 31'	1/3 LAeq 40'	1/3 LAeq 50'	1/3 LAeq 63'	1/3 LAeq 80'	1/3 LAeq 100'	1/3 LAeq 125'	1/3 LAeq 160'	1/3 LAeq 200'	1/3 LASmax	1/3 LASmax
59.1	54	53.5	49.7	46.3	43.7	40.1	35.9	34.9	32.2	30.7	11	19.9
46.4	44.4	40.8	38	35.4	34.9	34.3	33.7	33.2	31.9	30.7	-22.2	-19.7

LASmax 1	LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 83	LASmax 13	LASmax 13	LASmax 1
6.3	8.7	13	21.6	30	43.3	47.9	50.4	55	54.3	63.7	68.2	63
-17.9	-8.4	3.4	3.6	26.4	26.3	33.2	28.2	36	45.4	37.6	38.2	38.2

3 LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 83	LASmax 103	LASmax 113	LASmax 123	LASmax 133	LASmax 203	LASmax 213	LASmax 303
58.2	67.7	68.8	72.4	66.2	68.3	76.2	70.6	67	69.4	75.1	67.9	67.1	
37.2	39.6	40.1	41.1	45	48.7	45.8	50.8	51.5	51.4	47.8	44.7	41	

LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20	LASmin 6	LASmin 8	LASmin 10	LASmin 12	LASmin 16
63.4	59.6	56.8	52.5	47.2	51.7	41.8	35	-27.5	-27.8	-26.9	-22.8	-9.9
38.5	35.8	35	34.4	33.7	33.2	31.9	30.8	-22.2	-19.7	-26.9	-11.7	0

3 LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 3
-3.4	10	13.2	18.6	20	27.2	28.5	29.5	32.3	33	33.8	35.9	36.7
2	25.3	24.5	31.4	25.7	32.4	44.7	35.3	37	36.2	35.4	37.1	38.6

3 LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 123	LASmin 143	LASmin 163	LASmin 183	LASmin 203	LASmin 223	LASmin 243	LASmin 263	LASmin 283
36.8	38.5	40.5	42.4	42.3	42.6	41.9	40.9	38.6	36.4	34.7	34	34	
40.2	43.4	44.4	44.3	47.5	46.1	44.4	42.6	42.8	39.8	36.8	35	34.6	

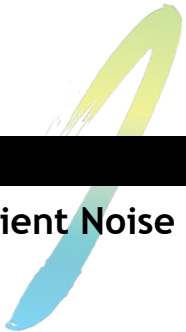
3 LASmin 8(LASmin 10 LASmin 12 LASmin 16 LASmin 20000

33.8 33.4 31.6 31.1 30.5

34.2 33.6 33.1 31.8 30.6



Ambient Noise PM



Record #	Latitude	Longitude	Elevation	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim
1	No Sync	No Sync	No Sync	2/8/2023	13:18:31	15:00.0	15:00.0	00:00.0	59.1	88.7	51.9	13:18:56
2	No Sync	No Sync	No Sync	2/8/2023	13:33:31	00:01.3	00:01.3	00:00.0	57.3	58.5	56.8	13:33:32

ak 3 Durati	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	LAFTM5	SEA	LCeq	LAeq	LCeq - LAec	LAeq
0	61.6	60	57.3	55.9	55	53.3	65.4	-99.9	67.7	59.1	8.5	63
0	57.3	57.3	57	57	56.9	56.9	-99.9	-99.9	68.6	57.3	11.3	58.2

LAeq	.Aeq - LAeq	erload	Cou	rload	Dura	Overload	Overload	Dt./3	LAeq 6./3	LAeq 8./3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25.
59.1	3.8	0	0	0	0	0	0	-26.3	-18	-10.6	0.1	6.8	10.4	16.3	
57.3	0.8	0	0	0	0	0	0	-28.1	-24.1	-17.2	-8	6	14.8	18.7	

/3 LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50
22.5	26	27.1	29.9	33.5	35.7	40.1	40.5	40.1	40.9	43	44.2	48.4
24.2	25.3	28.5	29.4	31.4	32.3	38.3	37.8	41.4	39	43	44.9	47.4

/3 LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 100
50.7	53	51.4	49.8	48.7	44.5	37.8	35.9	31.7	24	21.6	16.4	12.2
47.6	50.7	50.8	47.1	42.9	38.7	29.8	27.7	26.9	20.6	21.8	18.2	21.8

3 LAeq 1253	LAeq 1603	LAeq 2003	LASmax (3	LASmax 8	LASmax 1}	LASmax 1}	LASmax 1}	LASmax 2}	LASmax 2}	LASmax 3}	LASmax 4}	LASmax 5
8.6	4.2	-0.9	-3.2	2.5	7.2	13.6	18.4	25.1	33.6	39.1	43.5	44.9
26.3	12.2	15.6	-27.8	-22.2	-10.8	-2.6	6.8	14.6	18.7	27.2	26.7	28.5

LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 8	LASmax 10
46.4	49.7	50.9	56.4	58.2	49.3	53.8	55.3	59	67.6	69.4	71.1	64.5
29.6	33.2	33.1	38.8	40.1	42.2	40.5	42.9	44.6	47.4	48.5	50.7	50.9

LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20
66.1	66.3	66.5	58	55.3	43.2	40.1	39.8	34.2	29.1	26.9	20.6	17
48.3	43.1	39	30.4	28.6	27.9	21	22.5	18.7	22.6	27.3	13.1	16.6

'3 LASmin €3	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 1
-40.8	-29.2	-20.1	-9.1	-2.7	0.9	9.8	15.8	20.4	21.6	24.2	26.7	27.8
-30.6	-23.8	-14.5	-5.8	5.5	11.1	17.8	24.8	25.7	27	28.3	31.7	31.6

3	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 133	LASmin 163	LASmin 203
31.9	31.2	33.6	34.1	35.5	37.5	40.3	42.3	44.3	44.6	41.7	38.8	34.1	
37.9	38.2	41	39.4	40.2	42.7	46.3	47.7	50.2	50.3	47.2	42.3	35.9	

‡ LASmin 2‡ LASmin 3‡ LASmin 4‡ LASmin 5‡ LASmin 6‡ LASmin 8‡ LASmin 10‡ LASmin 12‡ LASmin 16‡ LASmin 20000

28.6	23.4	17.3	12	8.7	6.6	4.3	1.9	-0.7	-4.2
29.5	24.6	22.5	18	14.4	11.7	8.6	5	0.8	-3.1

Record #	Latitude	Longitude	Elevation	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim
1	No Sync	No Sync	No Sync	2/8/2023	13:00:01	15:00.0	15:00.0	00:00.0	70.4	99.9	65.8	13:05:01
2	No Sync	No Sync	No Sync	2/8/2023	13:15:01	00:03.2	00:03.2	00:00.0	71.7	76.7	71.2	13:15:01

LASmax	ASmax	Time	Peak (max)	SPL 1 Count	SPL 1 Duration	SPL 2 Count	SPL 2 Duration	Peak 1 Count	Peak 1 Duration	Peak 2 Count	Peak 2 Duration	Peak 3 Count
76.5	13:07:26	100.9	13:08:20	1	899.9	0	0	0	0	0	0	0
71.8	13:15:02	91.2	13:15:04	0	3.2	0	0	0	0	0	0	0

ak 3 Durati	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	LAFTM5	SEA	LCeq	LAeq	LCeq - LAec	LAeq
0	72.6	72.1	70.7	70.1	69.5	68.2	72.4	-99.9	79.6	70.4	9.2	71.2
0	71.8	71.8	71.7	71.6	71.5	71.4	-99.9	-99.9	79	71.7	7.3	72.5

LAeq	.Aeq - LAeq	erload	Cou	rload	Dura	Overload	Overload	Dt./3	LAeq 6./3	LAeq 8./3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25.
70.4	0.9	0	0	0	0	0	0	-21.2	-10.6	-4.4	8.1	18.3	24.1	28.6	
71.7	0.8	0	0	0	0	0	0	-26.5	-11.7	-8.2	5.7	17.4	26.4	25.5	

/3 LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50
32.2	36.5	40.3	43.6	47.3	50	53	50.7	51.8	52.4	53.1	54.8	58.5
31	35.9	40.1	43.1	48.3	48.6	50.9	49.9	53.4	50.4	52.4	55.1	63.6

/3 LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 100
61	62.7	63.2	62.2	60.3	57.5	53.9	49.8	44.8	39.7	34.4	28.6	23.2
62.9	64.4	63.8	62.7	60.7	58.4	54.2	49.8	45.9	42.6	35.8	34.7	34.4

3 LAeq 1253	3 LAeq 1603	3 LAeq 2003	LASmax (3	LASmax 8	LASmax 1}	LASmax 1}	LASmax 1}	LASmax 2}	LASmax 2}	LASmax 3}	LASmax 4}	LASmax 5
16	10.8	2.8	-9.8	0	10.4	19.4	35.6	34.7	44.4	46.6	49.2	51.7
27.8	22.1	10.4	-24.7	-10.5	-7.3	6.2	18	27.1	26.1	32.1	37.8	40.6

3 LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 81	LASmax 101
52.3	61.7	62.8	71.2	65.9	62	66.6	66.8	68.6	70.1	69.1	68.1	67.9
43.9	49.3	49.2	51.3	52.4	54.3	52.2	53.5	55.7	65.5	63.3	65	64.1

LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20
66.5	64.4	63	61.8	61.2	58.9	54.7	51.6	47.3	42.7	37.2	32.5	24.2
63.2	61.1	59	54.7	50.1	46.8	44.8	38.2	39.2	39.2	32.7	27	15.1

'3 LASmin €3	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 1
-37.1	-23.3	-15.1	-3.4	1.3	11.1	17.9	21.5	26.4	31.7	35.8	38.7	40.8
-29.2	-16.4	-10.7	3.6	5.8	21.8	19.2	27.2	32.2	37.6	41.1	45.8	47.8

3 LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 133	LASmin 163	LASmin 203
43.2	43.1	45	45.7	45.5	47.3	50.4	53.6	56.9	58.5	57.8	55.1	52.1
49.5	48.9	52.5	49.9	51.7	54	59.7	62.2	63.6	63.3	61.9	60.1	57.4

‡ LASmin 2‡ LASmin 3‡ LASmin 4‡ LASmin 5‡ LASmin 6‡ LASmin 8‡ LASmin 10‡ LASmin 12‡ LASmin 16‡ LASmin 20000

47.6 42.1 36.7 30.7 23.7 16.3 8.4 2.5 -1.1 -4.6

53.5 49.4 44.8 40 33.2 25.4 17.1 8.7 2.3 -3.7

Record #	Latitude	Longitude	Elevation	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim
1	No Sync	No Sync	No Sync	2/8/2023	13:39:01	15:00.0	15:00.0	00:00.0	68.1	97.6	63.4	13:40:04
2	No Sync	No Sync	No Sync	2/8/2023	13:54:01	00:03.0	00:03.0	00:00.0	67.6	72.4	67.1	13:54:01

LASmax	ASmax	TimApeak (max)	Peak (max)	SPL 1 Count	L 1 Durasi	SPL 2 Count	L 2 Durasi	Peak 1 Count	L 1 Durasi	Peak 2 Count	L 2 Durasi	Peak 3 Count
79.2	13:45:32	95.1	13:51:46	1	899.9	0	0	0	0	0	0	0
67.7	13:54:03	80.6	13:54:02	0	3	0	0	0	0	0	0	0

ak 3 Durati	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	LAFTM5	SEA	LCeq	LAeq	LCeq - LAec	LAeq
0	69.9	69.4	68.2	67.6	67	65.8	70.4	-99.9	78.2	68.1	10.2	69.1
0	67.6	67.6	67.6	67.5	67.4	67.3	-99.9	-99.9	80.5	67.6	12.8	68.2

LAeq	.Aeq - LAeq	erload	Cou	rload	Dura	Overload	Overload	Dt./3	LAeq 6./3	LAeq 8./3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25.
68.1	1.1	0	0	0	0	-25.7	-16.7	-3.3	8.7	16.3	23.3	26.7			
67.6	0.5	0	0	0	0	-30.9	-19.3	-4.1	12.4	14.1	20.2	24.5			

/3 LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50
31.3	34.8	39.4	43.5	45.6	47.4	49.9	52	53.1	52.6	53.7	54.5	55.3
30.8	32.9	45.4	49.2	44.3	45.4	47	47.2	52.4	52.3	51.6	56.2	56.1

/3 LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 100
57.6	60.5	61	59.4	57.2	54.6	50.8	46.8	42.4	37.5	32.5	26.3	19.8
56.9	60.7	60.4	58.8	56.6	53.7	49.6	45	41	36.9	32.5	25.9	18.4

3 LAeq 1253	3 LAeq 1603	3 LAeq 2003	3 LASmax	8 LASmax	1 LASmax	1 LASmax	1 LASmax	2 LASmax	2 LASmax	3 LASmax	4 LASmax	5 LASmax
14.6	8.2	1.9	-13.8	-5.7	7.7	21.9	30.2	36.4	38.2	43.5	44.7	55.4
12.4	6.3	-0.9	-27.8	-17.1	-2.2	14.9	15.4	21.6	26.1	32.1	35.5	46.1

LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 8	LASmax 10
53.7	57.3	60.7	67.5	75.2	72.9	66.7	71.9	70.8	67.3	68.1	72.2	69.7
51.5	45	47.4	48.2	48.2	53.2	52.7	52.5	56.8	57.1	57.2	60.8	60.8

LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20
67.7	69	67.3	63.6	62.3	57.4	50.8	49.5	43.6	38.7	37.6	30.3	23.6
59.1	57	54.3	50.1	45.6	41.6	37.8	33.6	26.9	20	14.7	8.7	0.7

'3 LASmin €3	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 1
-37.2	-26.3	-13.7	-4.2	4.5	10.9	15.2	22	26.2	31.3	34.3	38.2	40.4
-32.2	-21.9	-9	5.3	13.1	14.5	19.7	28.8	32.9	40.3	46.4	43.3	45.1

3 LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 133	LASmin 163	LASmin 203
41.5	42	45.6	45.2	45.7	47	49	51.9	55.6	57.3	54.8	52.3	49.1
46	46.5	50.8	51	51.1	55.7	55.5	56.2	59.7	59.1	57.7	55.7	52.8

‡ LASmin 2‡ LASmin 3‡ LASmin 4‡ LASmin 5‡ LASmin 6‡ LASmin 8‡ LASmin 10‡ LASmin 12‡ LASmin 16‡ LASmin 20000

44.8 40.3 34.8 28.8 22.7 16 8.3 2.6 -0.9 -4.1

48.9 44.3 40.2 35.7 30.7 24.2 15.7 8.3 2.2 -3.1

Record #	Latitude	Longitude	Elevation	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim
1	No Sync	No Sync	No Sync	2/8/2023	14:00:31	15:00.0	15:00.0	00:00.0	56.2	85.7	50.6	14:01:29
2	No Sync	No Sync	No Sync	2/8/2023	14:15:31	00:01.9	00:01.9	00:00.0	53.9	56.7	51.9	14:15:31

ak 3 Durati	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	LAFTM5	SEA	LCeq	LAeq	LCeq - LAec	LAeq
0	60.3	58.9	55.9	54.3	53.4	52.1	60	-99.9	68	56.2	11.8	57.7
0	54.1	53.9	53.4	53	52.1	52	-99.9	-99.9	62.8	53.9	8.8	57.8

L _{Aeq}	L _{Aeq} - L _{Aer}	Overload	Overload	Overload	Overload	Overload	L _{Aeq} 6h/3	L _{Aeq} 8h/3	L _{Aeq} 10h/3	L _{Aeq} 12h/3	L _{Aeq} 16h/3	L _{Aeq} 20h/3	L _{Aeq} 25h/3
56.2	1.5	0	0	0	0	0	-29.1	-20.4	-14.1	-6.1	1.1	8	14.9
53.9	3.8	0	0	0	0	0	-33.2	-20.7	-17.1	-9.1	-2.2	4.1	10.1

/3 LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50
19.7	24.7	28.9	33	37.2	39.9	44.4	41.1	42.2	42.8	41.7	42.4	45.5
12.6	19	22.8	29.4	30.8	31.2	35.4	35.7	34.8	37.4	38.4	38.2	39.1

/3 LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 100
46.3	48.4	48.3	45.7	42.4	39.4	36.3	33.9	31.1	35.3	24	31.2	30
43.6	47.3	47.5	44.5	44.3	40.2	33.8	37.8	33.1	32.7	31.6	30.2	25.7

3 LAeq 1253	3 LAeq 1603	3 LAeq 2003	LASmax (3	LASmax 8	LASmax 1}	LASmax 1}	LASmax 1}	LASmax 2}	LASmax 2}	LASmax 3}	LASmax 4}	LASmax 5
22.6	10.4	8.2	-16.2	-8.8	-3.1	3.1	18.2	22.5	27.2	32.1	41.8	43.9
21.6	17.6	10.2	-29.6	-20.7	-14.6	-8.1	0.1	5.5	10.8	15.3	20	24

LASmax 6	LASmax 8	LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 8	LASmax 10
51.5	53.3	55.9	61.8	61	57.4	55.9	58.7	57.1	68.9	59.6	61.3	55
30.1	31.7	31.4	35.6	36.2	36.2	38.1	39	38.6	39.3	44	47.6	47.6

LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20
56.5	53.6	51.9	50.1	51.3	46.6	60.9	41.8	57.3	55.5	47	35.6	31.6
44.8	44.5	41.2	34.8	38.8	34.8	33.4	33	31.8	27.4	22.9	19.8	12.4

'3 LASmin €3	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 1
-40.7	-31.2	-23.1	-14.4	-8	0.8	8.4	11.8	15.1	19.7	24.3	25.9	26.8
-32.7	-26.2	-18	-9.8	-2	4.1	8.6	12.9	18.9	21.9	27	29.7	29.5

3	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 133	LASmin 163	LASmin 203
29.4	29.4	32.7	34.7	32.7	34.9	37.5	40.5	43.2	43.7	40.9	36.6	31.8	
33.2	35	34.9	36.3	36.8	36.8	38.5	43.3	45.7	45.5	41.8	36.9	32	

‡ LASmin 2‡ LASmin 3‡ LASmin 4‡ LASmin 5‡ LASmin 6‡ LASmin 8‡ LASmin 10‡ LASmin 12‡ LASmin 16‡ LASmin 20000

25.6 20.2 15.8 12.2 9.2 6.6 4.8 1.6 -1 -3.7

25.9 22.4 21.5 22.7 20.7 13.6 10.4 6.2 1.8 -0.8

Record #	Latitude	Longitude	Elevation	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim
1	No Sync	No Sync	No Sync	2/8/2023	14:18:42	15:00.0	15:00.0	00:00.0	56.8	86.3	45.7	14:24:55
2	No Sync	No Sync	No Sync	2/8/2023	14:33:42	00:03.6	00:03.6	00:00.0	56.6	62.2	54.9	14:33:42

ak 3 Durati	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	LAFTM5	SEA	LCeq	LAeq	LCeq - LAec	LAeq
0	62	59.1	54.4	53.1	51.9	48.9	61.5	-99.9	65.9	56.8	9.1	58.9
0	56.8	56.7	56.5	56.2	56	55.6	-99.9	-99.9	64.4	56.6	7.8	58.8

LAeq	.Aeq - LAeq	erload	Cou	rload	Dura	Overload	Overload	Dt./3	LAeq 6./3	LAeq 8./3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25.
56.8	2.1	0	0	0	0	0	0	-26.1	-19.8	-14.1	-7.6	-1.9	4.2	10.9	
56.6	2.2	0	0	0	0	0	0	-33.6	-26.6	-18.6	-12.3	-5.3	1.1	6.1	

/3 LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50
16.9	22.3	24.4	29.2	32.9	34.2	43	40.8	42.7	44.8	43.1	44.6	44.6
16.7	16.7	28.9	29.7	33.3	33	36.3	37.8	40.1	37.2	39.3	40.3	44.1

/3 LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 100
47.1	49.1	48.6	46.6	43.6	40.6	39.6	41.3	34.8	31.4	28.9	25.5	19.8
47	47.6	47	49.1	47.7	44.2	41.7	41.5	40.7	38	34.8	33.8	27.6

3 LAeq 1253	3 LAeq 1603	3 LAeq 2003	LASmax (3	LASmax 8	LASmax 1}	LASmax 1}	LASmax 1}	LASmax 2}	LASmax 2}	LASmax 3}	LASmax 4}	LASmax 5
14.6	9.3	1	-10.3	-2.4	-0.9	2.5	8.1	20.7	24.3	29.3	42.5	38.7
22.1	18.9	13	-30	-24.7	-16.7	-9	-4.3	2.5	13.4	17.6	18.8	31.6

3 LASmax 63	3 LASmax 83	3 LASmax 13	3 LASmax 13	3 LASmax 13	3 LASmax 23	3 LASmax 23	3 LASmax 33	3 LASmax 43	3 LASmax 53	3 LASmax 63	3 LASmax 8	3 LASmax 10
39.6	48.3	46.1	54.3	59.4	58.4	57.4	62.6	60.2	60.7	65.2	66.3	64.6
30.8	34.3	34.6	37.2	38.4	40.4	37.8	40.1	41	45.5	47.3	48	47.3

LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20
63.6	59.4	56.4	57.2	63.3	55	52.7	52.4	48.4	43.3	38.8	33	19.7
49.9	48.4	45.2	43.7	43.6	42.9	39.7	38.4	34.4	28.5	24.3	22.4	16.5

'3 LASmin €3	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 1
-45	-34.1	-25.2	-18.1	-11	-4.5	1	7.8	9.8	14.4	20	21.1	24.5
-36.2	-28.1	-22.4	-12.8	-6.6	-0.1	6	16.1	15.5	24.4	26.7	29.7	30.9

3	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 133	LASmin 163	LASmin 203
29.8	29.8	30.8	32.1	29	30.7	32.4	34.9	37.3	36.5	33.7	30.9	27.1	
35.6	36.4	37.4	35.7	38.7	39.9	41	44.5	47	45.4	45.3	44.7	42.9	

‡ LASmin 2‡ LASmin 3‡ LASmin 4‡ LASmin 5‡ LASmin 6‡ LASmin 8‡ LASmin 10‡ LASmin 12‡ LASmin 16‡ LASmin 20000

24.2 22.8 19.5 13.5 8.3 5.9 3.6 1.2 -1.4 -4.9

40.7 40.4 39.1 37.1 33 31.7 26.1 20.2 16.5 8.9

Record #	Latitude	Longitude	Elevation	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim
1	No Sync	No Sync	No Sync	2/8/2023	14:37:51	15:00.0	15:00.0	00:00.0	66	95.6	52.1	14:52:10
2	No Sync	No Sync	No Sync	2/8/2023	14:52:51	00:02.6	00:02.6	00:00.0	62.2	66.3	63.5	14:52:54

ak 3 Durati	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	LAFTM5	SEA	LCeq	LAeq	LCeq - LAec	LAeq
0	70.8	69.7	66.4	63.4	61.5	56.7	69.6	-99.9	73.3	66	7.2	67.4
0	70.3	69.8	68	66.6	65.5	64	-99.9	-99.9	69.2	62.2	7	70.8

LAeq	.Aeq - LAeq	erload	Courload	Dura	Overload	Overload	Dt./3	LAeq 6./3	LAeq 8./3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25.
66	1.4	0	0	0	0	0	-27	-21	-14.1	-5.2	2.3	8.1	14.1	
62.2	8.7	0	0	0	0	0	-27.9	-23.3	-16.8	-4.4	4.4	7.7	14.1	

/3 LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50
21.5	27.9	33.4	40.5	42.6	43.9	45.7	47.5	50.1	50.4	50.8	51.2	53.4
20.6	29.8	32.1	34.8	34	36.9	41.2	43.4	45.4	48	44.3	48	52.4

/3 LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 100
55.7	58.4	59.1	57.6	55.6	52.9	49.6	46.9	43.2	39.9	36.7	32.5	28.4
53.1	54.1	55.9	53.6	51.1	47.4	43.6	39.6	36.5	32.6	27.8	23.5	16.8

3 LAeq 1253	LAeq 1603	LAeq 2003	LASmax (3	LASmax 8	LASmax 1}	LASmax 1}	LASmax 1}	LASmax 2}	LASmax 2}	LASmax 3}	LASmax 4}	LASmax 5
23.9	18.3	11.4	-10.5	-6.9	-0.2	11.9	19.7	24.8	26.5	32.4	43.1	52.2
11.7	6	-0.4	-24.2	-15.5	-12.2	-3.1	6.3	9.4	15.3	22.4	30.5	35.8

3 LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 81	LASmax 101
59.6	57.9	61.5	63.7	61.1	65.8	64.5	68.4	66.3	66.8	66	67.8	67.9
37.6	37.9	40.9	45.4	48	52.5	54.8	48.1	52.6	57.3	57.7	61.7	66.3

LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20
69	65.9	65.3	65.7	64.4	60.3	56.7	54.2	51	47.7	44.1	39.3	35.2
63.8	60.5	57.5	52.8	48.2	44.1	39.6	35.2	30.1	24.1	18.4	12.1	5.1

'3 LASmin €	'3 LASmin 8	'3 LASmin 18	'3 LASmin 13	'3 LASmin 18	'3 LASmin 28	'3 LASmin 23	'3 LASmin 33	'3 LASmin 48	'3 LASmin 53	'3 LASmin 63	'3 LASmin 83	'3 LASmin 1
-49.5	-33.8	-25.5	-17.5	-7.4	-1.3	5.5	11.2	16.9	20.3	25.9	26.8	32
-27.7	-23.2	-18.2	-7.9	2.8	6.2	12.8	19.8	28.4	30.5	33.3	33.6	36.9

3	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 133	LASmin 163	LASmin 203
35	36.6	36.6	37.4	36.6	37.1	39.9	41	44.1	43.5	40.6	37.8	34.1	
41.5	43.2	46.1	48.5	44.1	48.2	52.5	53	55.2	58.1	55.6	52.7	49.3	

‡ LASmin 2‡ LASmin 3‡ LASmin 4‡ LASmin 5‡ LASmin 6‡ LASmin 8‡ LASmin 10‡ LASmin 12‡ LASmin 16‡ LASmin 20000

31.4 28 24.1 18.9 15.2 9.2 5.1 1.6 -1.4 -4.9

45.2 41.2 37.6 33.6 29 24.3 18 12.7 6.8 0.3

Record #	Latitude	Longitude	Elevation	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim
1	No Sync	No Sync	No Sync	2/8/2023	15:00:43	15:00.0	15:00.0	00:00.0	83.7	113.2	51.2	15:13:11
2	No Sync	No Sync	No Sync	2/8/2023	15:15:43	00:08.0	00:08.0	00:00.0	55.6	64.6	54.8	15:15:43

ak 3 Durati	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	LAFTM5	SEA	LCeq	LAeq	LCeq - LAec	LAeq
0	77.1	72.9	59.9	58.3	56.2	53.2	87.7	-99.9	88.1	83.7	4.4	86.9
0	56.4	56.3	55.5	55.3	55	54.9	56.7	-99.9	66.1	55.6	10.5	56.4

LAeq	.Aeq - LAeq	erload	Cou	rload	Dura	Overload	Overload	Dt./3	LAeq 6./3	LAeq 8./3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25.
83.7	3.2	0	0	4	17.5	-2.1	-2.3	-2.6	4.4	11.6	17.6	21.3			
55.6	0.8	0	0	0	0	-25.6	-20.3	-14.6	-6	-0.6	4	12.6			

/3 LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50
25.8	36.8	47.9	58.2	49.4	47.7	49.3	49.7	51.3	51.2	64.1	64.6	73
16.2	20.3	23.9	34.8	28.9	33.5	39.8	41.6	46	43.1	40.3	41.5	43.9

/3 LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 100
73.7	75.8	72.9	72.8	72.1	69.2	69.6	67.5	64	61.1	56.1	50.6	44.9
46.3	46.2	46.9	45.7	44	41.6	38.6	36	32.1	27.7	24.6	21.4	15.8

3 LAeq 1253	LAeq 1603	LAeq 2003	LASmax (3	LASmax 8	LASmax 1}	LASmax 1}	LASmax 1}	LASmax 2}	LASmax 2}	LASmax 3}	LASmax 4}	LASmax 5
39.3	34.5	33.5	24.8	25.1	20.3	27.3	33	42.5	44.3	44	57.5	69.5
11.5	10	4.4	-22.2	-16.2	-11	-3.3	1.9	6.1	16.5	18.2	22.2	25.5

3 LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 81	LASmax 101
80.3	67.2	62.6	65.1	66.2	73.8	70.8	88.3	87.8	97.6	97.8	100.4	97.1
35.9	31.2	35.5	40.7	44	47.3	44.9	41.8	42.8	44.8	48	47.6	47.8

LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20
97.2	95.5	92.9	93.2	91.2	87.6	83.9	79.6	74	68.5	63.1	58.2	54
47.5	47.1	43.7	39.4	37.1	33.8	28.9	26.8	25.7	19.9	16	12.7	6.1

'3 LASmin €3	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 1
-45.2	-32.8	-23.6	-13.7	-6.3	-0.8	5.3	10.9	15.4	19.2	33.1	25.7	29
-30	-25.2	-18.6	-7.8	-3.3	0.6	10.8	14.1	17.1	20.6	33.5	27.4	31.3

3 LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 133	LASmin 163	LASmin 203
37.9	36.9	37.1	36.8	36.1	37.9	38	40.1	41.6	41.9	39.3	36.6	34.9
38.8	39.9	44.7	41.4	38.9	40.5	42.6	44	44.5	45.8	43.7	40.7	38.9

‡ LASmin 2‡ LASmin 3‡ LASmin 4‡ LASmin 5‡ LASmin 6‡ LASmin 8‡ LASmin 10‡ LASmin 12‡ LASmin 16‡ LASmin 20000

33	31	28.1	22.2	16.4	9.6	4.8	1.3	-1.5	-5
37.4	34	29.8	25.3	21.3	17.7	11.4	6.3	7.9	2.8

Record #	Latitude	Longitude	Elevation	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim
1	No Sync	No Sync	No Sync	2/8/2023	15:19:05	15:00.0	15:00.0	00:00.0	57.1	86.6	52.4	15:26:32
2	No Sync	No Sync	No Sync	2/8/2023	15:34:05	00:01.1	00:01.1	00:00.0	56.2	56.7	56.5	15:34:06

ak 3 Durati	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	LAFTM5	SEA	LCeq	LAeq	LCeq - LAec	LAeq
0	62	58.9	55.7	55.1	54.5	53.6	64.1	-99.9	69	57.1	11.9	62.9
0	57	57	56.8	56.7	56.7	56.6	-99.9	-99.9	68.7	56.2	12.5	57.1

LAeq	.Aeq - LAeq	erload	Cou	rload	Dura	Overload	Overload	Dt./3	LAeq 6./3	LAeq 8./3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25.
57.1	5.8	0	0	0	0	0	0	-31.9	-25.4	-15.8	-7.2	-0.8	4.7	14	
56.2	0.8	0	0	0	0	0	0	-35	-32.2	-17.2	-6.8	-2.3	4.1	13.6	

/3 LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50
19.5	25.3	27.2	36.1	35.5	40.5	47.2	44	42.7	39.8	39.8	42.5	46.4
16.2	27.7	32.2	35.9	35.3	44.3	47.3	44.4	44.7	39.2	38.7	41.6	43.9

/3 LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 100
45.7	48.8	49.1	47.3	46.4	41	37.4	36	33.9	32	30.4	28	23.5
45.9	48.5	47.8	44.9	42.2	39.1	36.7	34.4	30.2	28.3	21.6	14.8	8.5

3 LAeq 1253	LAeq 1603	LAeq 2003	LASmax (3	LASmax 8	LASmax 1}	LASmax 1}	LASmax 1}	LASmax 2}	LASmax 2}	LASmax 3}	LASmax 4}	LASmax 5
18.8	13.5	6.2	-14.6	-12.2	-6.4	8.1	8.1	12.4	31.8	31.7	43.8	38
6.4	3.7	-2.6	-34.7	-31.1	-13.2	-6.4	-1.4	7.9	15.5	17.1	26.5	32.1

3 LASmax 63	LASmax 83	LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 81	LASmax 101
44.9	52.2	58.1	60.2	59.8	53.4	53.3	52	54.6	70	57.5	61.5	64.6
35.8	35.6	43.8	47.4	45.6	46.4	39.9	39.7	43.7	45.9	47.1	50	48.5

LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20
65.4	64.8	59.9	50	50.2	54.7	51.8	52.8	50.4	44.1	39.6	34.5	28.3
45.2	42.5	39.5	36.9	35.2	31.4	28.7	21.7	16.3	8.7	6.4	3.7	-2.6

'3 LASmin €3	LASmin 83	LASmin 13	LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 1
-52.1	-36.8	-25.8	-16.5	-8.2	-2.8	4.8	10.7	15.2	19.9	32.5	28.2	33.7
-35.9	-32.2	-15.5	-8.6	-2.8	5.6	13.6	15.5	20.9	28.4	34.3	34.1	40

3 LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 133	LASmin 163	LASmin 203
43.3	39.2	38.1	33.9	33.4	37	38.4	40.8	44.1	43.5	39.7	36.4	34.6
46.5	44.6	45.1	39.2	38.9	42.5	44.7	46.4	49.1	48	44.8	42.1	39.1

‡ LASmin 2‡ LASmin 3‡ LASmin 4‡ LASmin 5‡ LASmin 6‡ LASmin 8‡ LASmin 10‡ LASmin 12‡ LASmin 16‡ LASmin 20000

33.6 32.3 28.5 24.1 19.4 12 5.9 1.7 -1.4 -4.9

36.4 34.5 30.5 27 21 15 6.8 2.2 -1.1 -4.8

Record #	Latitude	Longitude	Elevation	Date	Time	Run Duration	Run Time	Pause	LAeq	LAE	LASmin	ASmin Tim
1	No Sync	No Sync	No Sync	2/8/2023	15:47:39	15:00.0	15:00.0	00:00.0	63.6	93.1	53.5	15:58:08
2	No Sync	No Sync	No Sync	2/8/2023	16:02:39	00:01.1	00:01.1	00:00.0	65.7	66.2	66.3	16:02:40

ak 3 Durati	LAS5.00	LAS10.00	LAS33.30	LAS50.00	LAS66.60	LAS90.00	LAFTM5	SEA	LCeq	LAeq	LCeq - LAec	LAeq
0	66.9	65.6	62.2	60.3	59	56.1	68	-99.9	77.7	63.6	14.1	65.3
0	66.9	66.8	66.5	66.4	66.3	66.3	-99.9	-99.9	75.9	65.7	10.2	66.3

LAeq	.Aeq	- LAeq	erload	Cou	rload	Dura	Overload	Overload	Dt./3	LAeq 6./3	LAeq 8./3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25.
63.6	1.7	0	0	0	0	0	-31.6	-24.7	-16.4	-7.8	1.4	11.9	29.3			
65.7	0.6	0	0	0	0	0	-38.2	-20.7	-11.9	-11.9	1.6	10.2	24.3			

/3 LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50
23.2	37.3	40.8	45	45.6	47.2	52.1	50	49.6	50.3	52.3	50.5	51.4
25.4	31.9	34	37.6	43.2	54.9	50.9	47.7	51.1	48.6	49.6	51.7	54.1

/3 LAeq 63/3	LAeq 80/3	LAeq 10/3	LAeq 12/3	LAeq 16/3	LAeq 20/3	LAeq 25/3	LAeq 31/3	LAeq 40/3	LAeq 50/3	LAeq 63/3	LAeq 80/3	LAeq 100
53.2	53.2	53.6	53.5	51.3	49.9	48.7	47.8	43.7	41.2	38.4	37.4	26.8
56.9	56.2	55.3	56.3	55	54.2	52.6	52	45.4	40.9	37.5	33	25.7

3 LAeq 1253	LAeq 1603	LAeq 2003	LASmax (3	LASmax 8	LASmax 1}	LASmax 1}	LASmax 1}	LASmax 2}	LASmax 2}	LASmax 3}	LASmax 4}	LASmax 5
21.8	19	16	-14.6	-8.5	-2.3	8.1	11.4	20.6	36.2	34.7	52.1	56.9
17.6	10.2	2.8	-35.9	-22.1	-11	-6.6	4.2	16.1	24.7	25.6	31.7	34

LASmax 6	LASmax 8	LASmax 13	LASmax 13	LASmax 13	LASmax 23	LASmax 23	LASmax 33	LASmax 43	LASmax 53	LASmax 63	LASmax 8	LASmax 10
69.1	67.1	63.6	71.5	67	67.7	69.1	75.7	71.1	71.2	74.6	71	72.2
41.8	44.1	54.4	62	50.1	51.4	50.4	54.3	53.7	54.4	56.9	56	55.6

LASmax 1	LASmax 1	LASmax 2	LASmax 2	LASmax 3	LASmax 4	LASmax 5	LASmax 6	LASmax 8	LASmax 10	LASmax 12	LASmax 16	LASmax 20
72.1	70.3	68.6	67.4	66	63.3	62.8	58.9	62.6	48.3	43.9	42.2	38.1
56.2	55.3	54.2	53.8	52.2	45.9	41.2	37.8	33.1	25.7	17.8	10.7	3.1

'3 LASmin €	'3 LASmin 8	'3 LASmin 13	'3 LASmin 13	'3 LASmin 13	'3 LASmin 23	'3 LASmin 23	'3 LASmin 33	'3 LASmin 43	'3 LASmin 53	'3 LASmin 63	'3 LASmin 83	'3 LASmin 1
-50.7	-36.3	-25.7	-17	-6.4	0.6	11	12.7	18.4	25.5	27.6	28	31.7
-38.2	-26.7	-13.1	-9.5	2	13	22.7	22.3	26.4	32.7	39.2	42.9	52.7

3 LASmin 13	LASmin 13	LASmin 23	LASmin 23	LASmin 33	LASmin 43	LASmin 53	LASmin 63	LASmin 83	LASmin 103	LASmin 133	LASmin 163	LASmin 203
36.1	35.9	38.6	37.6	36.9	37.6	39.8	41	43.2	43.9	43	40.5	38.2
57.8	48.4	49.8	49.2	51.9	52.4	53.8	55.7	54.6	54.8	55.6	54.7	53.8

‡ LASmin 2‡ LASmin 3‡ LASmin 4‡ LASmin 5‡ LASmin 6‡ LASmin 8‡ LASmin 10‡ LASmin 12‡ LASmin 16‡ LASmin 20000

35.7	31.5	26.6	22.4	18.2	12	5.7	2.4	-1	-4.1
53	51.6	45.3	40.4	36.9	31.2	23.9	16.8	10	1.9



Construction Noise



Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 8/2/2023

Case Descr San Dimas - Architectural Coating

---- Receptor #1 ----

Baselines (dBA)

Descriptor Land Use	Daytime	Evening	Night
Sensitive R Residential	50	50	50

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Compressor (air)	No	40		77.7	25	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)	83.7	79.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	83.7	79.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 8/2/2023

Case Descr San Dimas - Building Construction

---- Receptor #1 ----

Baselines (dBA)

Descriptor Land Use	Daytime	Evening	Night
Sensitive R Residential	50	50	50

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Front End Loader	No	40		79.1	25	0
Generator	No	50		80.6	25	0
Crane	No	16		80.6	25	0
Welder / Torch	No	40		74	25	0
Tractor	No	40	84		25	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Front End Loader	85.1	81.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	86.7	83.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crane	86.6	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Welder / Torch	80	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	90	86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	90	89.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date 8/2/2023

Case Description San Dimas - Demolition

---- Receptor #1 ----

Baselines (dBA)

Descriptor Land Use	Daytime	Evening	Night
Sensitive Residential	50	50	50

Equipment

Description	Impact Device	Usage(%)	Equipment Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Dozer	No	40		81.7	25	0
Excavator	No	40		80.7	25	0
Concrete Saw	No	20		89.6	25	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Dozer	87.7	83.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	86.7	82.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	95.6	88.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	95.6	90.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 8/2/2023

Case Descr San Dimas - Grading

---- Receptor #1 ----

Baselines (dBA)

Descriptor Land Use	Daytime	Evening	Night
Sensitive R Residential	50	50	50

Equipment

Description	Impact Device	Usage(%)	Equipment Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Grader	No	40	85		25	0
Excavator	No	40		80.7	25	0
Tractor	No	40	84		25	0
Scraper	No	40		83.6	25	0
Dozer	No	40		81.7	25	0

Results

Equipment	Calculated (dBA)			Noise Limits (dBA)					Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day	Evening		Night		Day	Evening		Night			
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq		
Grader	91	87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	86.7	82.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	90	86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	89.6	85.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	87.7	83.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	91	92.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM), Version 1.1

Report date 8/2/2023

Case Description San Dimas - Paving

---- Receptor #1 ----

Baselines (dBA)

Descriptor Land Use	Daytime	Evening	Night
Sensitive Residential	50	50	50

Equipment

Description	Impact Device	Usage(%)	Equipment Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Paver	No	50		77.2	25	0
Roller	No	20		80	25	0
All Other Equipment > No		50		85	25	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Paver	83.2	80.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	86	79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment >	91	88	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	91	89.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 8/2/2023

Case Descr Site Preparation

---- Receptor #1 ----

Baselines (dBA)

Descriptor Land Use	Daytime	Evening	Night
Sensitive R Residential	50	50	50

Equipment

Description	Impact Device	Usage(%)	Spec	Actual	Receptor	Estimated
			Lmax (dBA)	Lmax (dBA)	Distance (feet)	Shielding (dBA)
Dozer	No	40		81.7	25	0
Backhoe	No	40		77.6	25	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Day		Evening		Night		Day		Evening		Night	
			Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Dozer	87.7	83.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	83.6	79.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	87.7	85.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.



Vibration

**San Dimas Downtown Specific Plan
Construction Vibration Model
(50 feet)**

Equipment		Pieces of Equipment	PPV at 25 feet (in/sec)	Distance from Equipment	PPV at adjusted distance	RMS velocity amplitude in in/sec at adjusted distance ^a	RMS Vibration level in VdB at adjusted distance
Caisson drilling		1	0.089	50	0.031	0.008	78
Jackhammer		1	0.035	50	0.012	0.003	70
Large bulldozer		1	0.089	50	0.031	0.008	78
Loaded trucks		1	0.076	50	0.027	0.007	77
Pile Drive (impact)		1	0.644	50	0.228	0.057	95
Vibratory Roller		1	0.210	50	0.074	0.019	85
Small bulldozer		1	0.003	50	0.001	0.000	48

* Suggested Vibration Thresholds per the Federal Transit Administration, United States Department of Transportation, Transit Noise and Vibration Impact Assessment (FTA-VA-90-1003-06), May 2006, pg. 12-12.

-Fragile Buildings- 0.20 in/sec

**San Dimas Downtown Specific Plan
Construction Vibration Model
(75 feet)**

Equipment		Pieces of Equipment	PPV at 25 feet (in/sec)	Distance from Equipment	PPV at adjusted distance	RMS velocity amplitude in in/sec at adjusted distance ^a	RMS Vibration level in VdB at adjusted distance
Caisson drilling		1	0.089	75	0.017	0.004	73
Jackhammer		1	0.035	75	0.007	0.002	65
Large bulldozer		1	0.089	75	0.017	0.004	73
Loaded trucks		1	0.076	75	0.015	0.004	71
Pile Drive (impact)		1	0.644	75	0.124	0.031	90
Vibratory Roller		1	0.210	75	0.040	0.010	80
Small bulldozer		1	0.003	75	0.001	0.000	43

* Suggested Vibration Thresholds per the Federal Transit Administration, United States Department of Transportation, Transit Noise and Vibration Impact Assessment (FTA-VA-90-1003-06), May 2006, pg. 12-12.

-Fragile Buildings- 0.20 in/sec

Equipment		Pieces of Equipment	PPV at 25 feet (in/sec)	Distance from Equipment	PPV at adjusted distance	RMS velocity amplitude in in/sec at adjusted distance ^a	RMS Vibration level in VdB at adjusted distance
Caisson drilling		1	0.089	100	0.011	0.003	69
Jackhammer		1	0.035	100	0.004	0.001	61
Large bulldozer		1	0.089	100	0.011	0.003	69
Loaded trucks		1	0.076	100	0.010	0.002	68
Pile Drive (impact)		1	0.644	100	0.081	0.020	86
Vibratory Roller		1	0.210	100	0.026	0.007	76
Small bulldozer		1	0.003	100	0.000	0.000	39

* Suggested Vibration Thresholds per the Federal Transit Administration, United States Department of Transportation, Transit Noise and Vibration Impact Assessment (FTA-VA-90-1003-06), May 2006, pg. 12-12.

-Fragile Buildings- 0.20 in/sec