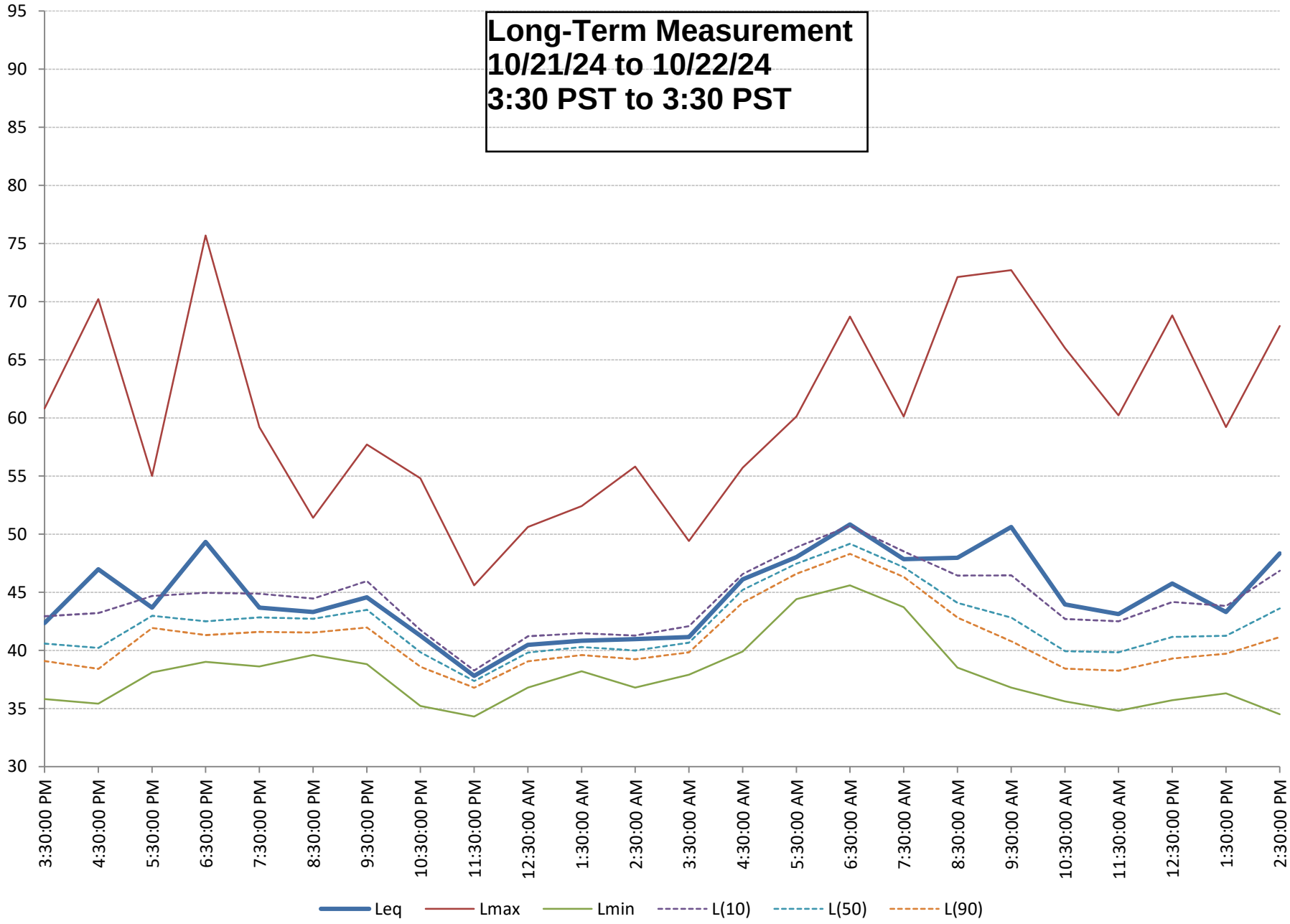
DOCKETED	
Docket Number:	26-OPT-02
Project Title:	Seahawk Battery Energy Storage System
TN #:	270266
Document Title:	Section 3-7 Appendices
Description:	N/A
Filer:	Erin Phillips
Organization:	Dudek
Submitter Role:	Applicant Consultant
Submission Date:	5/27/2026 10:45:15 AM
Docketed Date:	5/27/2026

Appendix 3.7A

Baseline Sound Measurement Field Data


Long-Term Measurement
10/21/24 to 10/22/24
3:30 PST to 3:30 PST
95
90
85
80
75
70
65
60
55
50
45
40
35
30
3:30:00 PM
4:30:00 PM
5:30:00 PM
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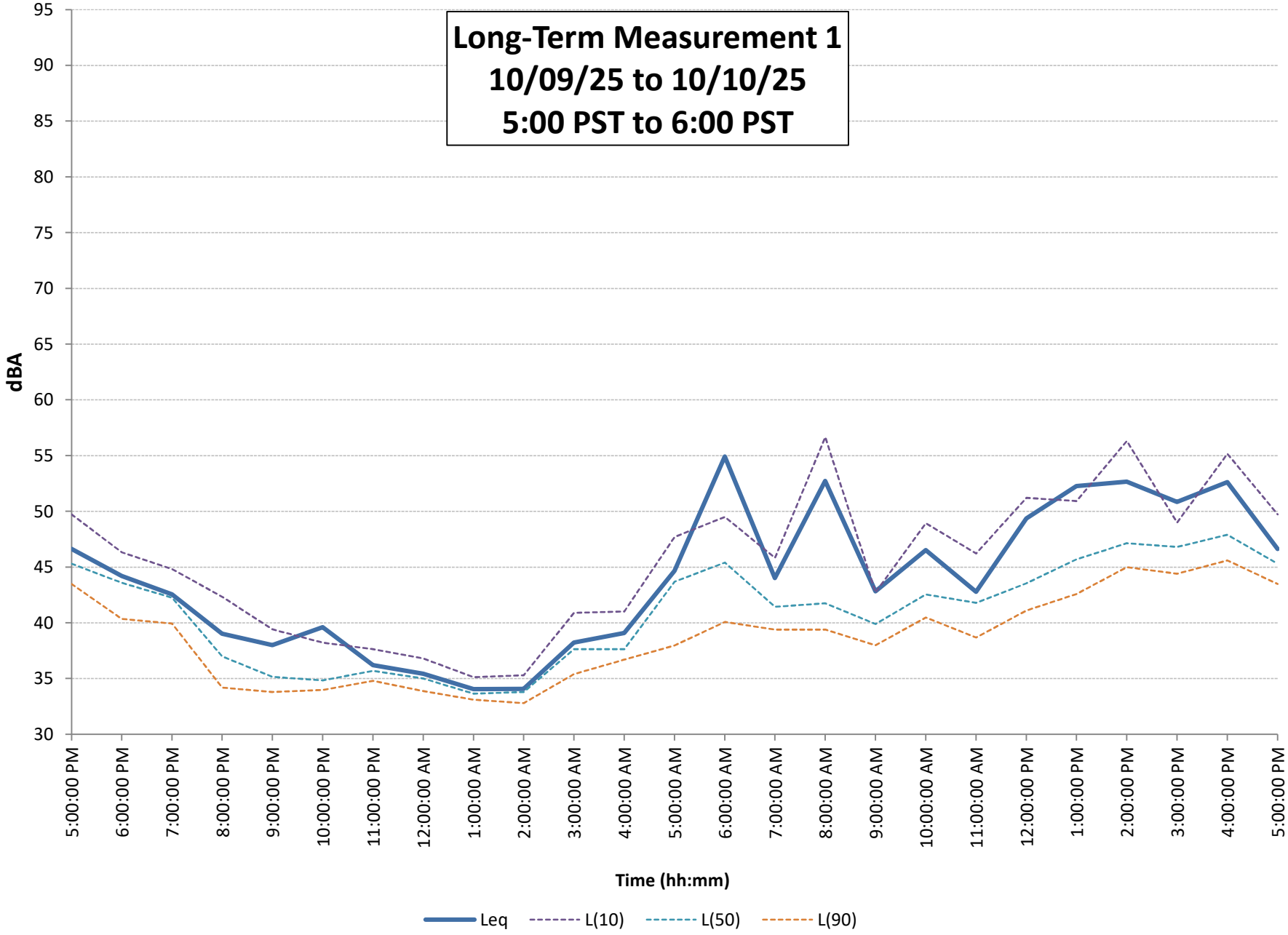
11:30:00 AM
12:30:00 PM
1:30:00 PM
2:30:00 PM
Leq
Lmax
Lmin
L(10)
L(50)
L(90)

Date	Start	End	Sample Rate	Freq Wt	Leq	Lmax	Lmin	L(10)	L(50)	L(90)
10/21/2024	3:30:00 PM	4:30:00 PM	Slow	dBA	42.3	60.8	35.8	42.9	40.6	39.1
10/21/2024	4:30:00 PM	5:30:00 PM	Slow	dBA	47.0	70.2	35.4	43.2	40.2	38.4
10/21/2024	5:30:00 PM	6:30:00 PM	Slow	dBA	43.7	55.0	38.1	44.7	43.0	41.9
10/21/2024	6:30:00 PM	7:30:00 PM	Slow	dBA	49.3	75.7	39.0	45.0	42.5	41.3
10/21/2024	7:30:00 PM	8:30:00 PM	Slow	dBA	43.7	59.2	38.6	44.9	42.8	41.6
10/21/2024	8:30:00 PM	9:30:00 PM	Slow	dBA	43.3	51.4	39.6	44.5	42.7	41.5
10/21/2024	9:30:00 PM	10:30:00 PM	Slow	dBA	44.6	57.7	38.8	46.0	43.5	42.0
10/21/2024	10:30:00 PM	11:30:00 PM	Slow	dBA	41.3	54.8	35.2	41.8	39.8	38.6
10/21/2024	11:30:00 PM	12:30:00 AM	Slow	dBA	37.8	45.6	34.3	38.3	37.4	36.8
10/22/2024	12:30:00 AM	1:30:00 AM	Slow	dBA	40.5	50.6	36.8	41.2	39.8	39.1
10/22/2024	1:30:00 AM	2:30:00 AM	Slow	dBA	40.8	52.4	38.2	41.5	40.3	39.6
10/22/2024	2:30:00 AM	3:30:00 AM	Slow	dBA	41.0	55.8	36.8	41.3	40.0	39.2
10/22/2024	3:30:00 AM	4:30:00 AM	Slow	dBA	41.1	49.4	37.9	42.1	40.7	39.8
10/22/2024	4:30:00 AM	5:30:00 AM	Slow	dBA	46.1	55.7	39.9	46.6	45.2	44.1
10/22/2024	5:30:00 AM	6:30:00 AM	Slow	dBA	48.0	60.1	44.4	48.9	47.5	46.6
10/22/2024	6:30:00 AM	7:30:00 AM	Slow	dBA	50.8	68.7	45.6	50.7	49.2	48.3
10/22/2024	7:30:00 AM	8:30:00 AM	Slow	dBA	47.8	60.1	43.7	48.5	47.1	46.3
10/22/2024	8:30:00 AM	9:30:00 AM	Slow	dBA	48.0	72.1	38.5	46.4	44.1	42.8
10/22/2024	9:30:00 AM	10:30:00 AM	Slow	dBA	50.6	72.7	36.8	46.4	42.8	40.8
10/22/2024	10:30:00 AM	11:30:00 AM	Slow	dBA	43.9	66.0	35.6	42.7	39.9	38.4
10/22/2024	11:30:00 AM	12:30:00 PM	Slow	dBA	43.1	60.2	34.8	42.5	39.8	38.3
10/22/2024	12:30:00 PM	1:30:00 PM	Slow	dBA	45.7	68.8	35.7	44.2	41.2	39.3
10/22/2024	1:30:00 PM	2:30:00 PM	Slow	dBA	43.3	59.2	36.3	43.8	41.3	39.7
10/22/2024	2:30:00 PM	3:30:00 PM	Slow	dBA	48.3	67.9	34.5	46.8	43.6	41.1

Leq day	D	46.9
Leq eve	E	43.9
Leq night	N	45.1
CNEL		51.9

Leq day	D	46.4
Leq night	N	45.1
LDN		51.8


Long-Term Measurement 1
10/09/25 to 10/10/25
5:00 PST to 6:00 PST
dBA
95
90
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75
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65
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35
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5:00:00 PM
6:00:00 PM
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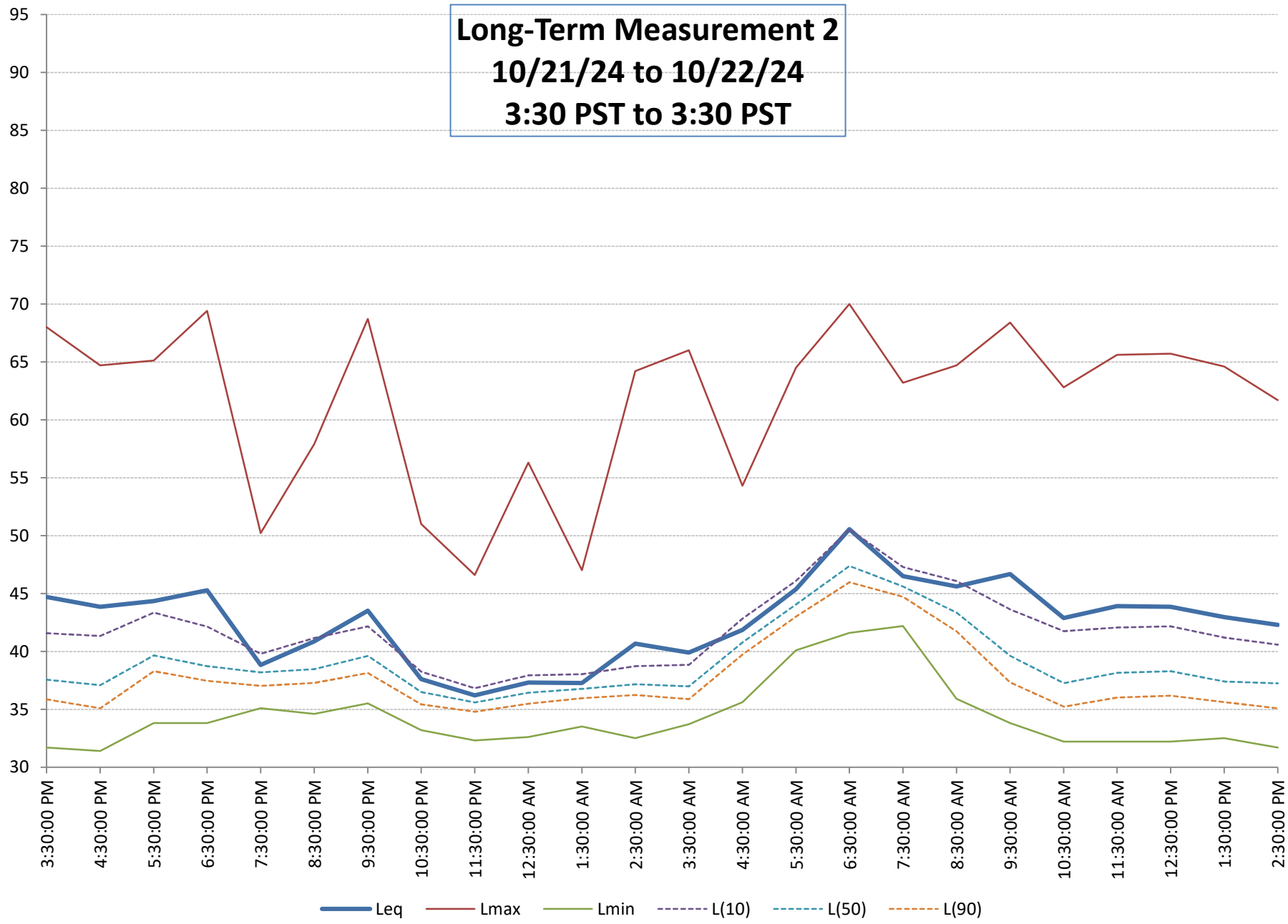
11:00:00 AM
12:00:00 PM
1:00:00 PM
2:00:00 PM
3:00:00 PM
4:00:00 PM
5:00:00 PM
Time (hh:mm)
Leq
L(10)
L(50)
L(90)

Date	Start	End	Sample Rate	Freq Wt	Leq	Lmax	Lmin	L(10)	L(50)	L(90)
10/9/2025	5:00:00 PM	6:00:00 PM	Slow	dBA	46.6	61.0	39.5	49.7	45.3	43.5
10/9/2025	6:00:00 PM	7:00:00 PM	Slow	dBA	44.2	57.8	37.0	46.3	43.6	40.4
10/9/2025	7:00:00 PM	8:00:00 PM	Slow	dBA	42.5	53.9	36.4	44.8	42.3	39.9
10/9/2025	8:00:00 PM	9:00:00 PM	Slow	dBA	39.0	60.2	32.7	42.3	37.0	34.2
10/9/2025	9:00:00 PM	10:00:00 PM	Slow	dBA	38.0	56.5	32.6	39.4	35.2	33.8
10/9/2025	10:00:00 PM	11:00:00 PM	Slow	dBA	39.6	61.0	32.7	38.2	34.9	34.0
10/9/2025	11:00:00 PM	12:00:00 AM	Slow	dBA	36.2	42.0	33.6	37.7	35.7	34.8
10/10/2025	12:00:00 AM	1:00:00 AM	Slow	dBA	35.4	41.9	32.9	36.8	35.0	33.9
10/10/2025	1:00:00 AM	2:00:00 AM	Slow	dBA	34.1	41.5	32.5	35.1	33.7	33.1
10/10/2025	2:00:00 AM	3:00:00 AM	Slow	dBA	34.1	46.1	32.0	35.3	33.8	32.8
10/10/2025	3:00:00 AM	4:00:00 AM	Slow	dBA	38.2	52.0	33.2	40.9	37.7	35.4
10/10/2025	4:00:00 AM	5:00:00 AM	Slow	dBA	39.1	55.7	34.5	41.0	37.7	36.7
10/10/2025	5:00:00 AM	6:00:00 AM	Slow	dBA	44.7	59.5	34.3	47.7	43.7	38.0
10/10/2025	6:00:00 AM	7:00:00 AM	Slow	dBA	54.9	80.9	37.2	49.5	45.4	40.1
10/10/2025	7:00:00 AM	8:00:00 AM	Slow	dBA	44.0	62.2	37.2	45.8	41.5	39.4
10/10/2025	8:00:00 AM	9:00:00 AM	Slow	dBA	52.7	75.8	36.5	56.7	41.8	39.4
10/10/2025	9:00:00 AM	10:00:00 AM	Slow	dBA	42.8	68.8	35.9	42.7	39.9	38.0
10/10/2025	10:00:00 AM	11:00:00 AM	Slow	dBA	46.5	66.2	36.2	48.9	42.6	40.5
10/10/2025	11:00:00 AM	12:00:00 PM	Slow	dBA	42.8	59.6	35.8	46.2	41.8	38.7
10/10/2025	12:00:00 PM	1:00:00 PM	Slow	dBA	49.4	71.0	37.9	51.2	43.6	41.1
10/10/2025	1:00:00 PM	2:00:00 PM	Slow	dBA	52.3	77.8	38.6	50.9	45.7	42.6
10/10/2025	2:00:00 PM	3:00:00 PM	Slow	dBA	52.6	75.7	41.2	56.3	47.2	45.0
10/10/2025	3:00:00 PM	4:00:00 PM	Slow	dBA	50.8	76.6	40.8	49.0	46.8	44.4
10/10/2025	4:00:00 PM	5:00:00 PM	Slow	dBA	52.6	72.7	42.2	55.2	47.9	45.6
10/10/2025	5:00:00 PM	6:00:00 PM	Slow	dBA	46.6	61.0	39.5	49.7	45.3	43.5

Leq day	D	49.7
Leq eve	E	40.3
Leq night	N	46.2
CNEL		53.2

Leq day	D	48.8
Leq night	N	46.2
LDN		53.1


Long-Term Measurement 2
10/21/24 to 10/22/24
3:30 PST to 3:30 PST
95
90
85
80
75
70
65
60
55
50
45
40
35
30
3:30:00 PM
4:30:00 PM
5:30:00 PM
6:30:00 PM
7:30:00 PM
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4:30:00 AM
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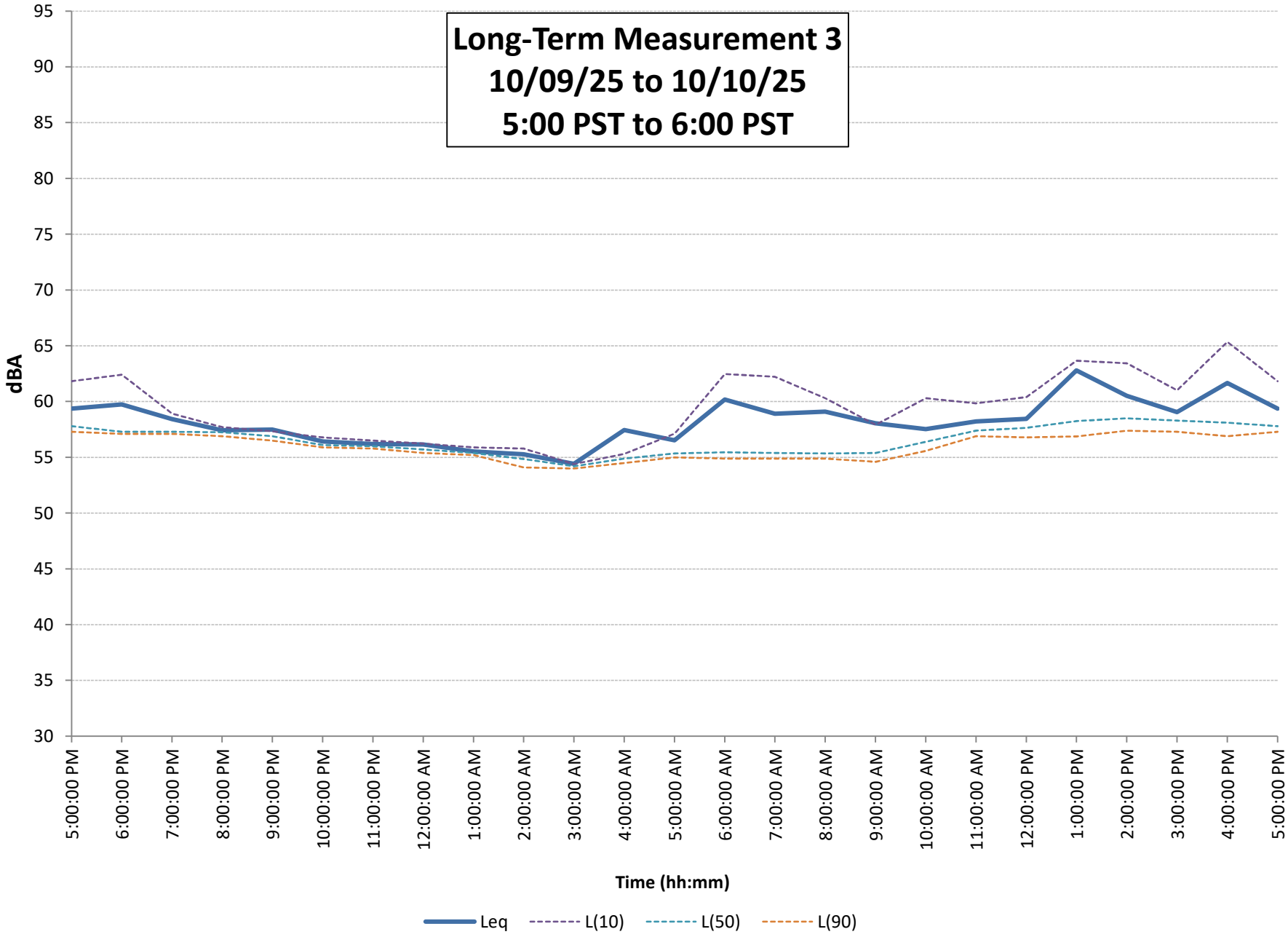
7:30:00 AM
8:30:00 AM
9:30:00 AM
10:30:00 AM
11:30:00 AM
12:30:00 PM
1:30:00 PM
2:30:00 PM
Leq
Lmax
Lmin
L(10)
L(50)
L(90)

Date	Start	End	Sample Rate	Freq Wt	Leq	Lmax	Lmin	L(10)	L(50)	L(90)
10/21/2024	3:30:00 PM	4:30:00 PM	Slow	dBA	44.7	68.0	31.7	41.6	37.6	35.9
10/21/2024	4:30:00 PM	5:30:00 PM	Slow	dBA	43.8	64.7	31.4	41.3	37.1	35.1
10/21/2024	5:30:00 PM	6:30:00 PM	Slow	dBA	44.3	65.1	33.8	43.4	39.7	38.3
10/21/2024	6:30:00 PM	7:30:00 PM	Slow	dBA	45.3	69.4	33.8	42.1	38.7	37.5
10/21/2024	7:30:00 PM	8:30:00 PM	Slow	dBA	38.8	50.2	35.1	39.8	38.2	37.0
10/21/2024	8:30:00 PM	9:30:00 PM	Slow	dBA	40.9	57.9	34.6	41.2	38.5	37.3
10/21/2024	9:30:00 PM	10:30:00 PM	Slow	dBA	43.5	68.7	35.5	42.2	39.6	38.1
10/21/2024	10:30:00 PM	11:30:00 PM	Slow	dBA	37.6	51.0	33.2	38.2	36.5	35.4
10/21/2024	11:30:00 PM	12:30:00 AM	Slow	dBA	36.2	46.6	32.3	36.8	35.6	34.8
10/22/2024	12:30:00 AM	1:30:00 AM	Slow	dBA	37.3	56.3	32.6	37.9	36.4	35.5
10/22/2024	1:30:00 AM	2:30:00 AM	Slow	dBA	37.3	47.0	33.5	38.0	36.8	36.0
10/22/2024	2:30:00 AM	3:30:00 AM	Slow	dBA	40.7	64.2	32.5	38.7	37.2	36.2
10/22/2024	3:30:00 AM	4:30:00 AM	Slow	dBA	39.9	66.0	33.7	38.8	37.0	35.9
10/22/2024	4:30:00 AM	5:30:00 AM	Slow	dBA	41.9	54.3	35.6	42.8	40.8	39.7
10/22/2024	5:30:00 AM	6:30:00 AM	Slow	dBA	45.4	64.5	40.1	46.1	44.1	43.0
10/22/2024	6:30:00 AM	7:30:00 AM	Slow	dBA	50.5	70.0	41.6	50.5	47.4	46.0
10/22/2024	7:30:00 AM	8:30:00 AM	Slow	dBA	46.5	63.2	42.2	47.3	45.6	44.7
10/22/2024	8:30:00 AM	9:30:00 AM	Slow	dBA	45.6	64.7	35.9	46.1	43.3	41.7
10/22/2024	9:30:00 AM	10:30:00 AM	Slow	dBA	46.7	68.4	33.8	43.6	39.6	37.3
10/22/2024	10:30:00 AM	11:30:00 AM	Slow	dBA	42.9	62.8	32.2	41.8	37.3	35.2
10/22/2024	11:30:00 AM	12:30:00 PM	Slow	dBA	43.9	65.6	32.2	42.1	38.1	36.0
10/22/2024	12:30:00 PM	1:30:00 PM	Slow	dBA	43.9	65.7	32.2	42.2	38.3	36.2
10/22/2024	1:30:00 PM	2:30:00 PM	Slow	dBA	43.0	64.6	32.5	41.2	37.4	35.6
10/22/2024	2:30:00 PM	3:30:00 PM	Slow	dBA	42.3	61.7	31.7	40.6	37.2	35.1

Leq day	D	44.6
Leq eve	E	41.5
Leq night	N	43.6
CNEL		50.2

Leq day	D	44.1
Leq night	N	43.6
LDN		50.1


Long-Term Measurement 3
10/09/25 to 10/10/25
5:00 PST to 6:00 PST
dBA
95
90
85
80
75
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65
60
55
50
45
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35
30
5:00:00 PM
6:00:00 PM
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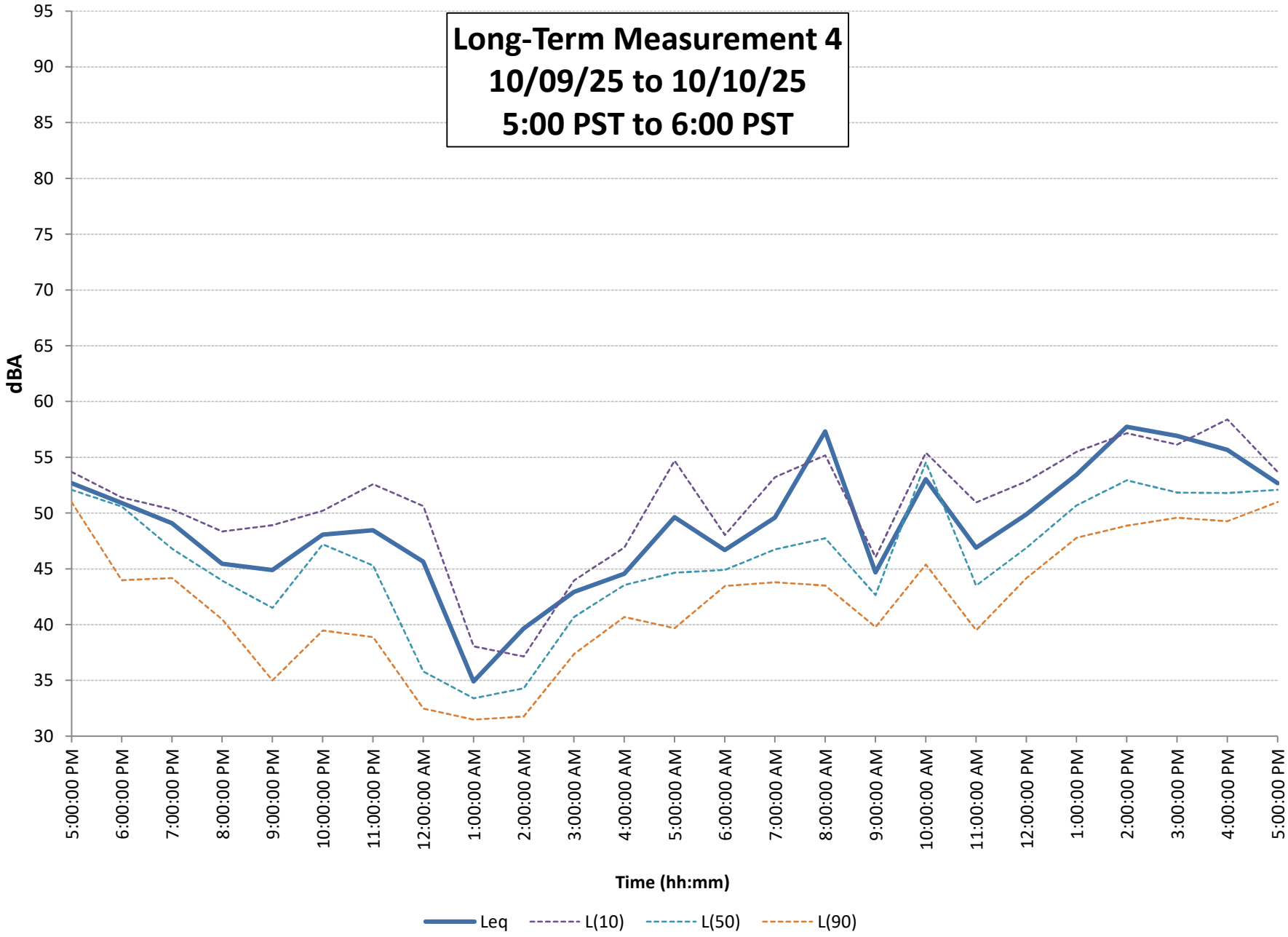
3:00:00 PM
4:00:00 PM
5:00:00 PM
Time (hh:mm)
Leq
L(10)
L(50)
L(90)

Date	Start	End	Sample Rate	Freq Wt	Leq	Lmax	Lmin	L(10)	L(50)	L(90)
10/9/2025	5:00:00 PM	6:00:00 PM	Slow	dBA	59.4	79.1	55.4	61.8	57.8	57.3
10/9/2025	6:00:00 PM	7:00:00 PM	Slow	dBA	59.7	79.3	55.9	62.4	57.3	57.1
10/9/2025	7:00:00 PM	8:00:00 PM	Slow	dBA	58.4	79.3	56.4	58.9	57.3	57.1
10/9/2025	8:00:00 PM	9:00:00 PM	Slow	dBA	57.4	68.7	56.2	57.7	57.3	56.9
10/9/2025	9:00:00 PM	10:00:00 PM	Slow	dBA	57.5	75.1	55.7	57.3	56.9	56.5
10/9/2025	10:00:00 PM	11:00:00 PM	Slow	dBA	56.4	71.1	55.4	56.8	56.1	55.9
10/9/2025	11:00:00 PM	12:00:00 AM	Slow	dBA	56.2	71.8	54.9	56.5	56.0	55.8
10/10/2025	12:00:00 AM	1:00:00 AM	Slow	dBA	56.1	75.9	54.7	56.2	55.7	55.4
10/10/2025	1:00:00 AM	2:00:00 AM	Slow	dBA	55.5	56.4	54.6	55.9	55.4	55.2
10/10/2025	2:00:00 AM	3:00:00 AM	Slow	dBA	55.3	74.8	53.6	55.8	54.9	54.1
10/10/2025	3:00:00 AM	4:00:00 AM	Slow	dBA	54.4	71.5	53.4	54.4	54.2	54.0
10/10/2025	4:00:00 AM	5:00:00 AM	Slow	dBA	57.4	83.3	53.6	55.3	54.9	54.5
10/10/2025	5:00:00 AM	6:00:00 AM	Slow	dBA	56.5	78.6	54.5	57.1	55.4	55.0
10/10/2025	6:00:00 AM	7:00:00 AM	Slow	dBA	60.2	87.3	54.3	62.5	55.5	54.9
10/10/2025	7:00:00 AM	8:00:00 AM	Slow	dBA	58.9	83.5	54.2	62.2	55.4	54.9
10/10/2025	8:00:00 AM	9:00:00 AM	Slow	dBA	59.1	85.9	53.6	60.3	55.4	54.9
10/10/2025	9:00:00 AM	10:00:00 AM	Slow	dBA	58.1	79.8	53.6	57.9	55.4	54.6
10/10/2025	10:00:00 AM	11:00:00 AM	Slow	dBA	57.5	76.7	51.6	60.3	56.4	55.6
10/10/2025	11:00:00 AM	12:00:00 PM	Slow	dBA	58.2	74.2	53.2	59.8	57.4	56.9
10/10/2025	12:00:00 PM	1:00:00 PM	Slow	dBA	58.4	75.8	52.7	60.4	57.7	56.8
10/10/2025	1:00:00 PM	2:00:00 PM	Slow	dBA	62.8	90.5	52.7	63.7	58.3	56.9
10/10/2025	2:00:00 PM	3:00:00 PM	Slow	dBA	60.5	80.6	53.7	63.4	58.5	57.4
10/10/2025	3:00:00 PM	4:00:00 PM	Slow	dBA	59.0	76.2	53.8	61.0	58.3	57.3
10/10/2025	4:00:00 PM	5:00:00 PM	Slow	dBA	61.7	82.8	54.5	65.4	58.1	56.9
10/10/2025	5:00:00 PM	6:00:00 PM	Slow	dBA	59.4	79.1	55.4	61.8	57.8	57.3

Leq day	D	59.7
Leq eve	E	57.8
Leq night	N	56.8
CNEL		64.0

Leq day	D	59.4
Leq night	N	56.8
LDN		63.7


Long-Term Measurement 4
10/09/25 to 10/10/25
5:00 PST to 6:00 PST
dBA
95
90
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35
30
5:00:00 PM
6:00:00 PM
7:00:00 PM
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5:00:00 PM
Time (hh:mm)
Leq
L(10)
L(50)
L(90)

Date	Start	End	Sample Rate	Freq Wt	Leq	Lmax	Lmin	L(10)	L(50)	L(90)
10/9/2025	5:00:00 PM	6:00:00 PM	Slow	dBA	52.7	66.9	48.3	53.7	52.1	51.0
10/9/2025	6:00:00 PM	7:00:00 PM	Slow	dBA	50.9	73.7	39.1	51.4	50.6	44.0
10/9/2025	7:00:00 PM	8:00:00 PM	Slow	dBA	49.1	67.7	38.2	50.3	46.8	44.2
10/9/2025	8:00:00 PM	9:00:00 PM	Slow	dBA	45.5	55.3	35.3	48.4	44.0	40.5
10/9/2025	9:00:00 PM	10:00:00 PM	Slow	dBA	44.9	57.9	32.4	48.9	41.5	35.0
10/9/2025	10:00:00 PM	11:00:00 PM	Slow	dBA	48.1	63.0	36.0	50.2	47.2	39.5
10/9/2025	11:00:00 PM	12:00:00 AM	Slow	dBA	48.5	58.1	35.0	52.6	45.3	38.9
10/10/2025	12:00:00 AM	1:00:00 AM	Slow	dBA	45.6	58.4	31.2	50.6	35.8	32.5
10/10/2025	1:00:00 AM	2:00:00 AM	Slow	dBA	34.9	48.5	30.3	38.1	33.4	31.5
10/10/2025	2:00:00 AM	3:00:00 AM	Slow	dBA	39.6	66.9	30.5	37.2	34.3	31.8
10/10/2025	3:00:00 AM	4:00:00 AM	Slow	dBA	42.9	61.6	33.2	44.0	40.7	37.4
10/10/2025	4:00:00 AM	5:00:00 AM	Slow	dBA	44.6	53.0	36.5	46.9	43.6	40.7
10/10/2025	5:00:00 AM	6:00:00 AM	Slow	dBA	49.6	61.0	35.2	54.7	44.7	39.7
10/10/2025	6:00:00 AM	7:00:00 AM	Slow	dBA	46.7	59.1	40.1	48.1	44.9	43.5
10/10/2025	7:00:00 AM	8:00:00 AM	Slow	dBA	49.6	67.0	40.0	53.2	46.8	43.8
10/10/2025	8:00:00 AM	9:00:00 AM	Slow	dBA	57.3	80.9	38.8	55.2	47.8	43.5
10/10/2025	9:00:00 AM	10:00:00 AM	Slow	dBA	44.7	62.5	36.2	46.1	42.7	39.8
10/10/2025	10:00:00 AM	11:00:00 AM	Slow	dBA	53.0	66.8	37.9	55.4	54.6	45.4
10/10/2025	11:00:00 AM	12:00:00 PM	Slow	dBA	46.9	65.7	37.1	51.0	43.5	39.5
10/10/2025	12:00:00 PM	1:00:00 PM	Slow	dBA	49.9	68.2	40.2	52.9	46.9	44.2
10/10/2025	1:00:00 PM	2:00:00 PM	Slow	dBA	53.4	75.8	41.3	55.5	50.7	47.8
10/10/2025	2:00:00 PM	3:00:00 PM	Slow	dBA	57.7	83.1	43.1	57.2	53.0	48.9
10/10/2025	3:00:00 PM	4:00:00 PM	Slow	dBA	56.9	85.5	44.5	56.1	51.9	49.6
10/10/2025	4:00:00 PM	5:00:00 PM	Slow	dBA	55.7	75.3	43.9	58.4	51.8	49.3
10/10/2025	5:00:00 PM	6:00:00 PM	Slow	dBA	52.7	66.9	48.3	53.7	52.1	51.0

Leq day	D	54.0
Leq eve	E	46.9
Leq night	N	46.1
CNEL		54.7

Leq day	D	53.2
Leq night	N	46.1
LDN		54.5

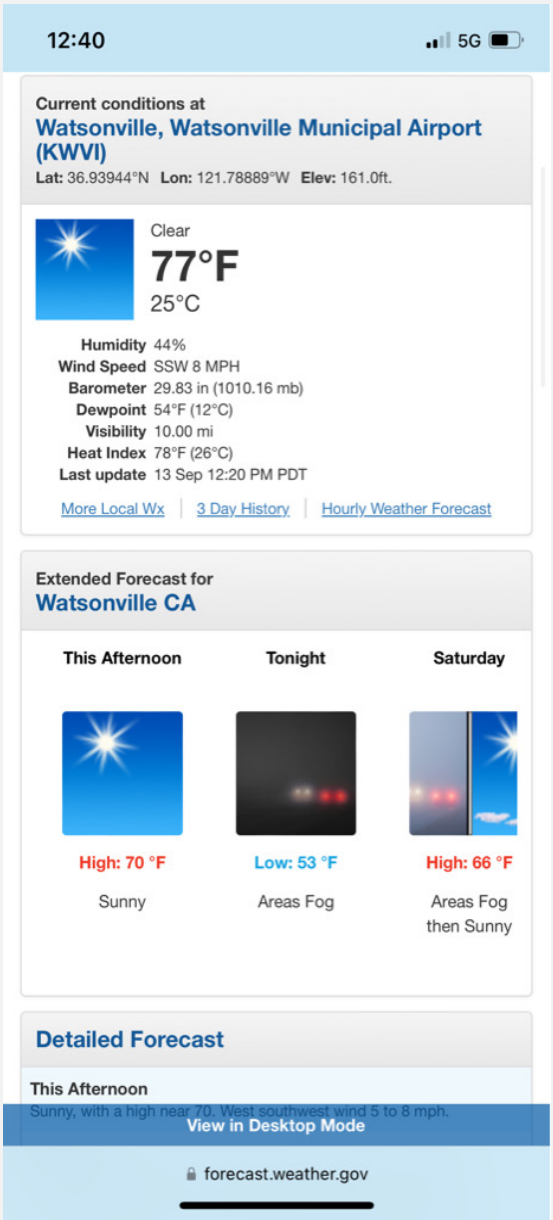
FORMS DUDEK FIELD DATA REPORT

Field Noise Measurement Data

Record: 1980	
Project Name	*Seahawk BESS*
Project #	*14713*
Date	*2024-09-13*

Meteorological Conditions

Upload NOAA Forecast



Temp (F)	*77*
Humidity % (R.H.)	*44*
Wind	*Light*
Wind Speed (MPH)	*8*
Wind Direction	*South West*
Sky	*Clear*

Instrument and Calibrator Information	
Instrument Name List	*(SAC) NL-62*
Instrument Name	*(SAC) NL-62*
Instrument Name Lookup Key	*(SAC) NL-62*
Manufacturer	*Rion*
Model	*NL-62*
Serial Number	*350815*
Calibration Date	*7/16/2018*
Calibrator Name	*(SAC) Rion NC-74*
Calibrator Name	*(SAC) Rion NC-74*
Calibrator Name Lookup Key	*(SAC) Rion NC-74*
Calibrator Manufacturer	*Rion*
Calibrator Model	*NC-74*
Calibrator Serial #	*34167529*
GPS Assistance Used	*No*
Pre-Test (dBA SPL)	*93.7*

Post-Test (dBA SPL)	*94*
Windscreen	*Yes*
Weighting?	*A-WTD*
Slow/Fast?	*Slow*

Monitoring	
Record #	*1*
Site ID	*ST1*
Site Location Lat/Long	*36.936609, -121.745809*
Begin (Time)	*12:42:00*
End (Time)	*13:12:00*
Leq	*72.1*
Lmax	*79.1*
Lmin	*54*
Other Lx?	*L90, L50, L10*
L90	*58.5*
L50	*70.1*
L10	*76.2*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Birds, Distant Gardener / Landscape Noise*
Is the same instrument and calibrator being used as previously noted?	*Yes*

Are the meteorological conditions the same as previously noted?	*Yes*

Source Info and Traffic Counts	
Number of Lanes	*2*
Lane Width (feet)	*10*
Roadway Width (feet)	*20*
Roadway Width (m)	*6.1*
Distance to Roadway (feet)	*6*
Distance to Roadway (m)	*1.8*
Distance Measured to Centerline or Edge of Pavement?	*Edge of Pavement*
Estimated Vehicle Speed (MPH)	*35*
Posted Speed Limit Sign (MPH)	*45*

Traffic Counts	
Vehicle Count Summary	*A 328, MT 22, HT 4, B 7, MC 0*
Counting Both Directions?	*Yes*
Count Duration (minutes)	*0*
Vehicle Count Tally	
Select Method for Vehicle Counts	*Enter Manually*
Number of Vehicles - Autos	*328*
Number of Vehicles - Medium Trucks	*22*
Number of Vehicles - Heavy Trucks	*4*

Number of Vehicles - Buses	*7*
Number of Vehicles - Motorcyles	*0*

Description / Photos

Terrain	*Mixed*

Site Photos

Photo	
Comments / Description	*Facing S*

Site Photos

Photo	
Comments / Description	*Facing E*

Site Photos

Photo	
Comments / Description	*Facing N*

Site Photos

Photo	
Comments / Description	*Facing W*

Monitoring

Record #	*2*
Site ID	*ST2*
Site Location Lat/Long	*36.943174, -121.768189*
Begin (Time)	*13:30:00*
End (Time)	*14:00:00*
Leq	*72.7*
Lmax	*80.4*
Lmin	*65.2*
Other Lx?	*L90, L50, L10*
L90	*67.2*

L50	*70.6*
L10	*75.8*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Distant Industrial*
Other Noise Sources Additional Description	*Construction ~ 150 ft up and across the street*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

Source Info and Traffic Counts	
Number of Lanes	*2*
Lane Width (feet)	*10*
Roadway Width (feet)	*20*
Roadway Width (m)	*6.1*
Distance to Roadway (feet)	*7*
Distance to Roadway (m)	*2.1*
Distance Measured to Centerline or Edge of Pavement?	*Edge of Pavement*
Estimated Vehicle Speed (MPH)	*30*

Traffic Counts	
Vehicle Count Summary	*A 726, MT 11, HT 0, B 7, MC 5*
Counting Both Directions?	*Yes*
Count Duration (minutes)	*0*
Vehicle Count Tally	
Select Method for Vehicle Counts	*Enter Manually*
Number of Vehicles - Autos	*726*
Number of Vehicles - Medium Trucks	*11*
Number of Vehicles - Heavy Trucks	*0*
Number of Vehicles - Buses	*7*
Number of Vehicles - Motorcyles	*5*

Description / Photos	
Terrain	*Mixed*

Site Photos	
Photo	

Comments / Description	*Facing N*

Site Photos

Photo	
Comments / Description	*Facing W*

Site Photos

Photo	

Comments / Description	*Facing S*

Site Photos

Photo	
Comments / Description	*Facing E*

Monitoring

Record #	*3*
Site ID	*ST3*
Site Location Lat/Long	*36.948122, -121.761555*
Begin (Time)	*14:09:00*
End (Time)	*14:39:00*
Leq	*50.4*
Lmax	*57.8*

Lmin	*45.5*
Other Lx?	*L90, L50, L10*
L90	*46.0*
L50	*47.9*
L10	*53.5*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Agriculture Irrigation*
Other Noise Sources (Background)	*Distant Aircraft, Distant Traffic*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

Source Info and Traffic Counts	
Number of Lanes	*1*
Lane Width (feet)	*10*
Roadway Width (feet)	*10*
Roadway Width (m)	*3*
Distance to Roadway (feet)	*3*
Distance to Roadway (m)	*0.9*
Estimated Vehicle Speed (MPH)	*5*

Traffic Counts	
Vehicle Count Summary	*A 4, MT 0, HT 0, B 0, MC 0*
Counting Both Directions?	*Yes*
Count Duration (minutes)	*0*
Vehicle Count Tally	
Select Method for Vehicle Counts	*Use Counter (+/-)*
Number of Vehicles - Autos	*4*
Number of Vehicles - Medium Trucks	*0*
Number of Vehicles - Heavy Trucks	*0*
Number of Vehicles - Buses	*0*
Number of Vehicles - Motorcyles	*0*

Description / Photos	
Terrain	*Mixed*

Site Photos	
Photo	

Comments / Description	*Facing N*

Site Photos

Photo	
Comments / Description	*Facing E*

Site Photos

Photo	

Comments / Description	*Facing S*

Site Photos

Photo	
Comments / Description	*Facing W*

Monitoring

Record #	*4*
Site ID	*ST4*
Site Location Lat/Long	*36.951407, -121.763318*
Begin (Time)	*14:58:00*
End (Time)	*15:28:00*
Leq	*51.4*
Lmax	*64*

Lmin	*39.9*
Other Lx?	*L90, L50, L10*
L90	*40.5*
L50	*43.4*
L10	*53.7*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Distant Aircraft, Distant Gardener / Landscape Noise*
Other Noise Sources Additional Description	*Aircraft flyover, distant lawnmower*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

Source Info and Traffic Counts	
Number of Lanes	*1*
Lane Width (feet)	*10*
Roadway Width (feet)	*10*
Roadway Width (m)	*3*
Distance to Roadway (feet)	*6*
Distance to Roadway (m)	*1.8*
Estimated Vehicle Speed (MPH)	*15*

Traffic Counts	
Vehicle Count Summary	*A 39, MT 2, HT 0, B 0, MC 0*
Counting Both Directions?	*Yes*
Count Duration (minutes)	*0*
Vehicle Count Tally	
Select Method for Vehicle Counts	*Use Counter (+/-)*
Number of Vehicles - Autos	*39*
Number of Vehicles - Medium Trucks	*2*
Number of Vehicles - Heavy Trucks	*0*
Number of Vehicles - Buses	*0*
Number of Vehicles - Motorcyles	*0*

Description / Photos	
Terrain	*Mixed*

Site Photos	
Photo	

Comments / Description	*Facing S*

Site Photos

Photo	
Comments / Description	*Facing W*

Site Photos

Photo	

Comments / Description	*Facing N*

Site Photos

Photo	
Comments / Description	*Facing E*

Monitoring

Record #	*5*
Site ID	*ST5*
Site Location Lat/Long	*36.951289, -121.759250*
Begin (Time)	*15:45:00*
End (Time)	*16:15:00*
Leq	*53*
Lmax	*60.4*

Lmin	*42.6*
Other Lx?	*L90, L50, L10*
L90	*43.4*
L50	*45.4*
L10	*58.5*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Distant Industrial*
Other Noise Sources Additional Description	*Tractor on adjacent property*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

Source Info and Traffic Counts	
Number of Lanes	*1*
Lane Width (feet)	*10*
Roadway Width (feet)	*10*
Roadway Width (m)	*3*
Distance to Roadway (feet)	*10*
Distance to Roadway (m)	*3*
Distance Measured to Centerline or Edge of Pavement?	*Edge of Pavement*
Estimated Vehicle Speed (MPH)	*10*

Traffic Counts	
Vehicle Count Summary	*A 9, MT 0, HT 0, B 0, MC 0*
Counting Both Directions?	*Yes*
Count Duration (minutes)	*0*
Vehicle Count Tally	
Select Method for Vehicle Counts	*Use Counter (+/-)*
Number of Vehicles - Autos	*9*
Number of Vehicles - Medium Trucks	*0*
Number of Vehicles - Heavy Trucks	*0*
Number of Vehicles - Buses	*0*
Number of Vehicles - Motorcyles	*0*

Description / Photos	
Terrain	*Mixed*

Site Photos	
Photo	

Comments / Description	*Facing S*

Site Photos

Photo	
Comments / Description	*Facing W*

Site Photos

Photo	

Comments / Description	*Facing N*

Site Photos

Photo	
Comments / Description	*Facing E*

Appendix 3.7B

Construction Noise Model Inputs and Outputs

Analysis Type	Nearest
Source to barrier distance	None
Receiver to barrier distance	None
Receiver height	5

magnitude of threshold (dBA) = 80

allowable hours over which Leq is to be averaged = 8

Construction Activity	Equipment	Total Equipment Qty	Reference Level (Leq or Lmax) @ 50 ft. from FHWA RCNM 2 Table	Air Quality/Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Level	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Backhoe	2	75.8	Tractors/Loaders/Backhoes	200	59.7	8	480	63
	Excavator	2	75.9	Excavator	200	60.0	8	480	63
	Dozer	2	80.0	Rubber Tired Dozer	200	64.0	8	480	67
								Total for Site Preparation Phase:	**69.5**
Substation Site Preparation	Backhoe	1	75.8	Tractors/Loaders/Backhoes	1200	42.3	8	480	42
	Excavator	1	75.9	Excavator	1200	42.4	8	480	42
	Dozer	1	80.0	Rubber Tired Dozers	1200	46.4	8	480	46
								Total for Substation Site Preparation Phase:	**48.9**
Grading	Grader (passby)	2	78.5	Road Grader	200	62.6	8	480	66
	Backhoe	2	75.8	Tractors/Loaders/Backhoes	200	59.7	8	480	63
	Paving - Concrete (Triple Roller Tube Paver)	2	85.1	Rollers	200	69.1	8	480	72
								Total for Grading Phase:	**73.3**
Substation Grading	Grader (passby)	1	78.5	Road Grader	1200	45.0	8	480	45
	Backhoe	1	75.8	Tractors/Loaders/Backhoes	1200	42.3	8	480	42
	Paving - Concrete (Triple Roller Tube Paver)	1	85.1	Rollers	1200	51.5	8	480	52
								Total for Substation Grading Phase:	**52.8**
Battery / Container Installation	Backhoe	1	75.8	Tractors/Loaders/Backhoes	265	56.9	8	480	57
	Crane	1	74.2	Cranes	265	55.6	8	480	56
	Man Lift	1	72.1	Rough Terrain Forklifts	265	53.3	8	480	53
	Compressor	1	65.6	Compressor (air)	265	46.7	8	480	47
								Total for Battery / Container Installation Phase:	**60.5**
Substation Construction	Compressor	1	65.6	Compressor (air)	1200	32.1	8	480	32
	Crane	1	74.2	Cranes	1200	40.7	8	480	41
	Man Lift	1	72.1	Aerial Lifts / Forklifts	1200	38.6	8	480	39
	Directional Drill Rig	1	67.9	Drill Rig Truck	1200	34.4	8	480	34
	Excavator	1	75.9	Excavators	1200	42.4	8	480	42
								Total for Substation Construction Phase:	**46.1**
Gen-Tie Foundation and Tower Erection*	Compressor	1	65.6	Compressor (air)	1400	30.5	8	480	31
	Crane	1	74.2	Cranes	1400	39.1	8	480	39
	Man Lift	1	72.1	Aerial Lifts / Forklifts	1400	37.0	8	480	37
	Pump	1	72.8	Pumps	1400	37.7	8	480	38
	Welding Machine	1	71.2	Welders / torch	1400	36.1	8	480	36
								Total for Gen-Tie Foundation and Tower Erection Phase:	**43.9**
Gen-Tie Stringing and Pulling*	Backhoe	1	75.8	Tractors/Loaders/Backhoes	1400	40.7	8	480	41
	Man Lift	1	72.1	Aerial Lifts	1400	37.0	8	480	37
								Total for Gen-Tie Stringing and Pulling Phase:	**42.3**
Commissioning	Generator	2	67.1	Road Grader	265	48.2	8	480	51
								Total for Commissioning Phase:	**51.2**
Decommissioning	Concrete Saw	2	85.4	Concrete/Industrial Saws	265	66.4	8	480	69
	Dozer	2	80.0	Rubber Tired Dozers	265	61.1	8	480	64
	Backhoe	2	75.8	Tractors/Loaders/Backhoes	265	56.9	8	480	60
	Crane	2	74.2	Cranes	265	55.6	8	480	59
								Total for Decommissioning Phase:	**71.1**

* PG&E Interconnection Facility Upgrades would occur as part of the Foundation and Structure Erection and Gen-Tie Stringing and Pulling phases.

Analysis Type	Nearest
Source to barrier distance	None
Receiver to barrier distance	None
Receiver height	5

magnitude of threshold (dBA) = 80

allowable hours over which Leq is to be averaged = 8

Construction Activity	Equipment	Total Equipment Qty	Reference Level (Leq or Lmax) @ 50 ft. from FHWA RCNM 2 Table	Air Quality/Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Level	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Backhoe	2	75.8	Tractors/Loaders/Backhoes	175	61.1	8	480	64
	Excavator	2	75.9	Excavator	175	61.4	8	480	64
	Dozer	2	80.0	Rubber Tired Dozer	175	65.4	8	480	68
								Total for Site Preparation Phase:	**70.9**
Substation Site Preparation	Backhoe	1	75.8	Tractors/Loaders/Backhoes	820	46.0	8	480	46
	Excavator	1	75.9	Excavator	820	46.1	8	480	46
	Dozer	1	80.0	Rubber Tired Dozers	820	50.2	8	480	50
								Total for Substation Site Preparation Phase:	**52.7**
Grading	Grader (passby)	2	78.5	Road Grader	175	64.0	8	480	67
	Backhoe	2	75.8	Tractors/Loaders/Backhoes	175	61.1	8	480	64
	Paving - Concrete (Triple Roller Tube Paver)	2	85.1	Rollers	175	70.4	8	480	73
								Total for Grading Phase:	**74.7**
Substation Grading	Grader (passby)	1	78.5	Road Grader	820	48.8	8	480	49
	Backhoe	1	75.8	Tractors/Loaders/Backhoes	820	46.0	8	480	46
	Paving - Concrete (Triple Roller Tube Paver)	1	85.1	Rollers	820	55.3	8	480	55
								Total for Substation Grading Phase:	**56.6**
Battery / Container Installation	Backhoe	1	75.8	Tractors/Loaders/Backhoes	215	59.0	8	480	59
	Crane	1	74.2	Cranes	215	57.7	8	480	58
	Man Lift	1	72.1	Rough Terrain Forklifts	215	55.4	8	480	55
	Compressor	1	65.6	Compressor (air)	215	48.8	8	480	49
								Total for Battery / Container Installation Phase:	**62.6**
Substation Construction	Compressor	1	65.6	Compressor (air)	820	35.9	8	480	36
	Crane	1	74.2	Cranes	820	44.5	8	480	44
	Man Lift	1	72.1	Aerial Lifts / Forklifts	820	42.3	8	480	42
	Directional Drill Rig	1	67.9	Drill Rig Truck	820	38.2	8	480	38
	Excavator	1	75.9	Excavators	820	46.1	8	480	46
								Total for Substation Construction Phase:	**49.8**
Gen-Tie Foundation and Tower Erection*	Compressor	1	65.6	Compressor (air)	1070	33.2	8	480	33
	Crane	1	74.2	Cranes	1070	41.9	8	480	42
	Man Lift	1	72.1	Aerial Lifts / Forklifts	1070	39.7	8	480	40
	Pump	1	72.8	Pumps	1070	40.4	8	480	40
	Welding Machine	1	71.2	Welders / torch	1070	38.8	8	480	39
								Total for Gen-Tie Foundation and Tower Erection Phase:	**46.6**
Gen-Tie Stringing and Pulling*	Backhoe	1	75.8	Tractors/Loaders/Backhoes	1070	43.4	8	480	43
	Man Lift	1	72.1	Aerial Lifts	1070	39.7	8	480	40
								Total for Gen-Tie Stringing and Pulling Phase:	**45.0**
Commissioning	Generator	2	67.1	Road Grader	215	50.3	8	480	53
								Total for Commissioning Phase:	**53.3**
Decommissioning	Concrete Saw	2	85.4	Concrete/Industrial Saws	215	68.4	8	480	71
	Dozer	2	80.0	Rubber Tired Dozers	215	63.2	8	480	66
	Backhoe	2	75.8	Tractors/Loaders/Backhoes	215	59.0	8	480	62
	Crane	2	74.2	Cranes	215	57.7	8	480	61
								Total for Decommissioning Phase:	**73.2**

* PG&E Interconnection Facility Upgrades would occur as part of the Foundation and Structure Erection and Gen-Tie Stringing and Pulling phases.

Analysis Type	Nearest
Source to barrier distance	None
Receiver to barrier distance	None
Receiver height	5

magnitude of threshold (dBA) = 80

allowable hours over which Leq is to be averaged = 8

Construction Activity	Equipment	Total Equipment Qty	Reference Level (Leq or Lmax) @ 50 ft. from FHWA RCNM 2 Table	Air Quality/Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Level	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Backhoe	2	75.8	Tractors/Loaders/Backhoes	485	51.1	8	480	54
	Excavator	2	75.9	Excavator	485	51.2	8	480	54
	Dozer	2	80.0	Rubber Tired Dozer	485	55.3	8	480	58
								Total for Site Preparation Phase:	**60.8**
Substation Site Preparation	Backhoe	1	75.8	Tractors/Loaders/Backhoes	320	55.1	8	480	55
	Excavator	1	75.9	Excavator	320	55.2	8	480	55
	Dozer	1	80.0	Rubber Tired Dozers	320	59.3	8	480	59
								Total for Substation Site Preparation Phase:	**61.8**
Grading	Grader (passby)	2	78.5	Road Grader	485	53.9	8	480	57
	Backhoe	2	75.8	Tractors/Loaders/Backhoes	485	51.1	8	480	54
	Paving - Concrete (Triple Roller Tube Paver)	2	85.1	Rollers	485	60.4	8	480	63
								Total for Grading Phase:	**64.7**
Substation Grading	Grader (passby)	1	78.5	Road Grader	320	57.9	8	480	58
	Backhoe	1	75.8	Tractors/Loaders/Backhoes	320	55.1	8	480	55
	Paving - Concrete (Triple Roller Tube Paver)	1	85.1	Rollers	320	64.4	8	480	64
								Total for Substation Grading Phase:	**65.7**
Battery / Container Installation	Backhoe	1	75.8	Tractors/Loaders/Backhoes	540	50.1	8	480	50
	Crane	1	74.2	Cranes	540	48.6	8	480	49
	Man Lift	1	72.1	Rough Terrain Forklifts	540	46.4	8	480	46
	Compressor	1	65.6	Compressor (air)	540	39.9	8	480	40
								Total for Battery / Container Installation Phase:	**53.5**
Substation Construction	Compressor	1	65.6	Compressor (air)	320	44.9	8	480	45
	Crane	1	74.2	Cranes	320	53.7	8	480	54
	Man Lift	1	72.1	Aerial Lifts / Forklifts	320	51.5	8	480	51
	Directional Drill Rig	1	67.9	Drill Rig Truck	320	47.2	8	480	47
	Excavator	1	75.9	Excavators	320	55.2	8	480	55
								Total for Substation Construction Phase:	**59.0**
Gen-Tie Foundation and Tower Erection*	Compressor	1	65.6	Compressor (air)	75	60.9	8	480	61
	Crane	1	74.2	Cranes	75	70.5	8	480	71
	Man Lift	1	72.1	Aerial Lifts / Forklifts	75	68.0	8	480	68
	Pump	1	72.8	Pumps	75	67.9	8	480	68
	Welding Machine	1	71.2	Welders / torch	75	65.7	8	480	66
								Total for Gen-Tie Foundation and Tower Erection Phase:	**74.6**
Gen-Tie Stringing and Pulling*	Backhoe	1	75.8	Tractors/Loaders/Backhoes	75	71.2	8	480	71
	Man Lift	1	72.1	Aerial Lifts	75	68.0	8	480	68
								Total for Gen-Tie Stringing and Pulling Phase:	**72.9**
Commissioning	Generator	2	67.1	Road Grader	540	41.3	8	480	44
								Total for Commissioning Phase:	**44.4**
Decommissioning	Concrete Saw	2	85.4	Concrete/Industrial Saws	540	59.6	8	480	63
	Dozer	2	80.0	Rubber Tired Dozers	540	54.2	8	480	57
	Backhoe	2	75.8	Tractors/Loaders/Backhoes	540	50.1	8	480	53
	Crane	2	74.2	Cranes	540	48.6	8	480	52
								Total for Decommissioning Phase:	**64.3**

* PG&E Interconnection Facility Upgrades would occur as part of the Foundation and Structure Erection and Gen-Tie Stringing and Pulling phases.

Analysis Type	Nearest
Source to barrier distance	None
Receiver to barrier distance	None
Receiver height	5

magnitude of threshold (dBA) = 80

allowable hours over which Leq is to be averaged = 8

Construction Activity	Equipment	Total Equipment Qty	Reference Level (Leq or Lmax) @ 50 ft. from FHWA RCNM 2 Table	Air Quality/Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	Distance-Adjusted Level	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Site Preparation	Backhoe	2	75.8	Tractors/Loaders/Backhoes	400	52.9	8	480	56
	Excavator	2	75.9	Excavator	400	53.1	8	480	56
	Dozer	2	80.0	Rubber Tired Dozer	400	57.1	8	480	60
								Total for Site Preparation Phase:	**62.6**
Substation Site Preparation	Backhoe	1	75.8	Tractors/Loaders/Backhoes	300	55.7	8	480	56
	Excavator	1	75.9	Excavator	300	55.9	8	480	56
	Dozer	1	80.0	Rubber Tired Dozers	300	59.9	8	480	60
								Total for Substation Site Preparation Phase:	**62.4**
Grading	Grader (passby)	2	78.5	Road Grader	400	55.7	8	480	59
	Backhoe	2	75.8	Tractors/Loaders/Backhoes	400	52.9	8	480	56
	Paving - Concrete (Triple Roller Tube Paver)	2	85.1	Rollers	400	62.2	8	480	65
								Total for Grading Phase:	**66.5**
Substation Grading	Grader (passby)	1	78.5	Road Grader	300	58.5	8	480	59
	Backhoe	1	75.8	Tractors/Loaders/Backhoes	300	55.7	8	480	56
	Paving - Concrete (Triple Roller Tube Paver)	1	85.1	Rollers	300	65.0	8	480	65
								Total for Substation Grading Phase:	**66.3**
Battery / Container Installation	Backhoe	1	75.8	Tractors/Loaders/Backhoes	450	51.8	8	480	52
	Crane	1	74.2	Cranes	450	50.3	8	480	50
	Man Lift	1	72.1	Rough Terrain Forklifts	450	48.1	8	480	48
	Compressor	1	65.6	Compressor (air)	450	41.6	8	480	42
								Total for Battery / Container Installation Phase:	**55.3**
Substation Construction	Compressor	1	65.6	Compressor (air)	300	45.5	8	480	46
	Crane	1	74.2	Cranes	300	54.3	8	480	54
	Man Lift	1	72.1	Aerial Lifts / Forklifts	300	52.1	8	480	52
	Directional Drill Rig	1	67.9	Drill Rig Truck	300	47.8	8	480	48
	Excavator	1	75.9	Excavators	300	55.9	8	480	56
								Total for Substation Construction Phase:	**59.6**
Gen-Tie Foundation and Tower Erection*	Compressor	1	65.6	Compressor (air)	175	50.9	8	480	51
	Crane	1	74.2	Cranes	175	59.9	8	480	60
	Man Lift	1	72.1	Aerial Lifts / Forklifts	175	57.6	8	480	58
	Pump	1	72.8	Pumps	175	58.0	8	480	58
	Welding Machine	1	71.2	Welders / torch	175	56.2	8	480	56
								Total for Gen-Tie Foundation and Tower Erection Phase:	**64.4**
Gen-Tie Stringing and Pulling*	Backhoe	1	75.8	Tractors/Loaders/Backhoes	175	61.1	8	480	61
	Man Lift	1	72.1	Aerial Lifts	175	57.6	8	480	58
								Total for Gen-Tie Stringing and Pulling Phase:	**62.7**
Commissioning	Generator	2	67.1	Road Grader	450	43.1	8	480	46
								Total for Commissioning Phase:	**46.1**
Decommissioning	Concrete Saw	2	85.4	Concrete/Industrial Saws	450	61.4	8	480	64
	Dozer	2	80.0	Rubber Tired Dozers	450	56.0	8	480	59
	Backhoe	2	75.8	Tractors/Loaders/Backhoes	450	51.8	8	480	55
	Crane	2	74.2	Cranes	450	50.3	8	480	53
								Total for Decommissioning Phase:	**66.1**

* PG&E Interconnection Facility Upgrades would occur as part of the Foundation and Structure Erection and Gen-Tie Stringing and Pulling phases.

Construction Schedule																
Year	2026							2027								
Month	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Construction Phase																
Site Preparation	✔	✔														
Substation Site Preparation		✔														
Grading			✔	✔	✔											
Substation Grading				✔	✔											
Battery / Container Installation					✔	✔	✔	✔	✔	✔	✔	✔	✔			
Substation Construction					✔	✔	✔	✔	✔	✔	✔	✔	✔			
Gen-Tie Foundation and Tower Erection									✔	✔	✔	✔				
Gen-Tie Stringing and Pulling										✔	✔	✔				
Commissioning												✔	✔	✔	✔	
Combined Construction Noise at Nearest Offsite Receptor:																
Site Preparation	69.5	69.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Substation Site Preparation	0.0	48.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grading	0.0	0.0	73.3	73.3	73.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Substation Grading	0.0	0.0	0.0	52.8	52.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Battery / Container Installation	0.0	0.0	0.0	0.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	0.0	0.0	0.0
Substation Construction	0.0	0.0	0.0	0.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	0.0	0.0	0.0
Gen-Tie Foundation and Tower Erection	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.9	43.9	43.9	0.0	0.0	0.0	0.0
Gen-Tie Stringing and Pulling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.3	42.3	42.3	0.0	0.0	0.0	0.0
Commissioning	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.2	51.2	51.2	51.2	0.0
Concurrent Total (dBA)	**69**	**70**	**73**	**73**	**74**	**61**	**61**	**61**	**61**	**61**	**61**	**61**	**61**	**51**	**51**	**0**

Equipment Description	Impact Device?	Acoustical Use Factor (%)	Lesser of or available Lmax	Spec. 721 Lmax	Measured L_{max} @50ft (dBA, slow)
All Other Equipment > 5 HP	No	50	85	85	-- N/A --
Auger Drill Rig	No	20	84	85	84
Backhoe	No	40	78	80	78
Bar Bender	No	20	80	80	-- N/A --
Blasting	Yes	-- N/A --	94	94	-- N/A --
Boring Jack Power Unit	No	50	80	80	83
Chain Saw	No	20	84	85	84
Clam Shovel (dropping)	Yes	20	87	93	87
Compactor (ground)	No	20	80	80	83
Compressor (air)	No	40	78	80	78
Concrete Batch Plant	No	15	83	83	-- N/A --
Concrete Mixer Truck	No	40	79	85	79
Concrete Pump Truck	No	20	81	82	81
Concrete Saw	No	20	90	90	90
Crane	No	16	81	85	81
Dozer	No	40	82	85	82
Drill Rig Truck	No	20	79	84	79
Drum Mixer	No	50	80	80	80
Dump Truck	No	40	76	84	76
Excavator	No	40	81	85	81
Flat Bed Truck	No	40	74	84	74
Front End Loader	No	40	79	80	79
Generator	No	50	72	72	81
Generator (<25KVA, VMS signs)	No	50	70	70	73
Gradall	No	40	83	85	83
Grader	No	40	85	85	-- N/A --
Grapple (on backhoe)	No	40	85	85	87
Horizontal Boring Hydr. Jack	No	25	80	80	82
Hydra Break Ram	Yes	10	90	90	-- N/A --
Impact Pile Driver	Yes	20	95	95	101
Jackhammer	Yes	20	85	85	89
Man Lift	No	20	75	85	75
Mounted Impact Hammer (hoe ram)	Yes	20	90	90	90
Pavement Scarafier	No	20	85	85	90
Paver	No	50	77	85	77
Pickup Truck	No	40	55	55	75
Pneumatic Tools	No	50	85	85	85
Pumps	No	50	77	77	81
Refrigerator Unit	No	100	73	82	73
Rivit Buster/chipping gun	Yes	20	79	85	79
Rock Drill	No	20	81	85	81
Roller	No	20	80	85	80
Sand Blasting (Single Nozzle)	No	20	85	85	96
Scraper	No	40	84	85	84
Shears (on backhoe)	No	40	85	85	96
Slurry Plant	No	100	78	78	78
Slurry Trenching Machine	No	50	80	82	80
Soil Mix Drill Rig	No	50	80	80	-- N/A --
Tractor	No	40	84	84	-- N/A --
Vacuum Excavator (Vac-truck)	No	40	85	85	85
Vacuum Street Sweeper	No	10	80	80	82
Ventilation Fan	No	100	79	85	79
Vibrating Hopper	No	50	85	85	87
Vibratory Concrete Mixer	No	20	80	80	80
Vibratory Pile Driver	No	20	95	95	101
Warning Horn	No	5	83	85	83
Welder / Torch	No	40	73	73	74

Appendix 3.7C

Traffic Noise Modeling Worksheets

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Seahawk ESS Santa Cruz County	JN:	14713.51
ROADWAY:	Holohan Road at Laken Dr (ST1)	DATE:	12/3/2024
Scenario:	**Calibration**	BY:	J. Leech

ADT	7,220			PK HR VOL	722
SPEED	35				
PK HR %	10				
DIST CTL	20				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		10.0
DIST WALL	0		MED TRUCK SLE DIST		9.1
DIST W/OB	20		HVY TRUCK SLE DIST		9.2
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	40.0				
ROADWAY VIEW:					
LF ANGLE	-60				
RT ANGLE	60				
DF ANGLE	120				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	10.0				
MED TR	10.0				
HVY TR	10.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9200
MEDIUM TRUCKS	0.872	0.053	0.075	0.0700
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	66.9	65.0	63.4	57.2	66.4
MEDIUM TRUCKS	67.6	66.2	60.1	56.8	66.3
HEAVY TRUCKS	64.9	63.6	54.9	54.4	63.6
VEHICULAR NOISE	71.4	69.8	65.5	61.1	**70.4**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Seahawk ESS Santa Cruz County	JN:	14713.51
ROADWAY:	Holohan Road at Laken Dr (ST1)	DATE:	12/3/2024
Scenario:	**Existing**	BY:	J. Leech

ADT	16,745			PK HR VOL	1,675
SPEED	35				
PK HR %	10				
DIST CTL	20				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		10.0
DIST WALL	0		MED TRUCK SLE DIST		9.1
DIST W/OB	20		HVY TRUCK SLE DIST		9.2
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	40.0				
ROADWAY VIEW:					
LF ANGLE	-60				
RT ANGLE	60				
DF ANGLE	120				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	10.0				
MED TR	10.0				
HVY TR	10.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9200
MEDIUM TRUCKS	0.872	0.053	0.075	0.0700
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	70.6	68.6	67.1	60.9	70.1
MEDIUM TRUCKS	71.2	69.9	63.7	60.5	70.0
HEAVY TRUCKS	68.6	67.3	58.6	58.1	67.3
VEHICULAR NOISE	75.0	73.5	69.1	64.7	**74.1**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Seahawk ESS Santa Cruz County	JN:	14713.51
ROADWAY:	Holohan Road at Laken Dr (ST1)	DATE:	12/3/2024
Scenario:	**Existing + Construction**	BY:	J. Leech

ADT	16,807			PK HR VOL	1,681
SPEED	35				
PK HR %	10				
DIST CTL	20				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		10.0
DIST WALL	0		MED TRUCK SLE DIST		9.1
DIST W/OB	20		HVY TRUCK SLE DIST		9.2
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	40.0				
ROADWAY VIEW:					
LF ANGLE	-60				
RT ANGLE	60				
DF ANGLE	120				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	10.0				
MED TR	10.0				
HVY TR	10.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9200
MEDIUM TRUCKS	0.872	0.053	0.075	0.0700
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	70.6	68.7	67.1	60.9	70.1
MEDIUM TRUCKS	71.3	69.9	63.7	60.5	70.0
HEAVY TRUCKS	68.6	67.3	58.6	58.1	67.3
VEHICULAR NOISE	75.1	73.5	69.1	64.8	**74.1**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Seahawk ESS Santa Cruz County	JN:	14713.51
ROADWAY:	Green Valley Road at Amesti (ST2)	DATE:	12/3/2024
Scenario:	**Calibration**	BY:	J. Leech

ADT	14,980			PK HR VOL	1,498
SPEED	35				
PK HR %	10				
DIST CTL	22				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		13.6
DIST WALL	0		MED TRUCK SLE DIST		12.9
DIST W/OB	22		HVY TRUCK SLE DIST		13.0
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	40.0				
ROADWAY VIEW:					
LF ANGLE	-60				
RT ANGLE	60				
DF ANGLE	120				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	10.0				
MED TR	10.0				
HVY TR	10.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9200
MEDIUM TRUCKS	0.872	0.053	0.075	0.0700
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	68.8	66.8	65.3	59.1	68.3
MEDIUM TRUCKS	69.3	67.9	61.7	58.5	68.0
HEAVY TRUCKS	66.6	65.3	56.6	56.1	65.3
VEHICULAR NOISE	73.1	71.6	67.3	62.8	**72.2**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Seahawk ESS Santa Cruz County	JN:	14713.51
ROADWAY:	Green Valley Road at Amesti (ST2)	DATE:	12/3/2024
Scenario:	**Existing**	BY:	J. Leech

ADT	7,196			PK HR VOL	720
SPEED	35				
PK HR %	10				
DIST CTL	22				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		13.6
DIST WALL	0		MED TRUCK SLE DIST		12.9
DIST W/OB	22		HVY TRUCK SLE DIST		13.0
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	40.0				
ROADWAY VIEW:					
LF ANGLE	-60				
RT ANGLE	60				
DF ANGLE	120				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	10.0				
MED TR	10.0				
HVY TR	10.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9200
MEDIUM TRUCKS	0.872	0.053	0.075	0.0700
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	65.6	63.7	62.1	55.9	65.1
MEDIUM TRUCKS	66.1	64.7	58.5	55.3	64.8
HEAVY TRUCKS	63.4	62.1	53.4	52.9	62.1
VEHICULAR NOISE	69.9	68.4	64.1	59.6	**69.0**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Seahawk ESS Santa Cruz County	JN:	14713.51
ROADWAY:	Green Valley Road at Amesti (ST2)	DATE:	12/3/2024
Scenario:	**Existing Plus Construction**	BY:	J. Leech

ADT	7,258			PK HR VOL	726
SPEED	35				
PK HR %	10				
DIST CTL	22				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		13.6
DIST WALL	0		MED TRUCK SLE DIST		12.9
DIST W/OB	22		HVY TRUCK SLE DIST		13.0
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	40.0				
ROADWAY VIEW:					
LF ANGLE	-60				
RT ANGLE	60				
DF ANGLE	120				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	10.0				
MED TR	10.0				
HVY TR	10.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9200
MEDIUM TRUCKS	0.872	0.053	0.075	0.0700
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	65.6	63.7	62.1	55.9	65.2
MEDIUM TRUCKS	66.1	64.7	58.6	55.3	64.8
HEAVY TRUCKS	63.4	62.1	53.4	53.0	62.2
VEHICULAR NOISE	70.0	68.4	64.1	59.7	**69.0**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Seahawk ESS Santa Cruz County	JN:	14713.51
ROADWAY:	Minto Road (ST4)	DATE:	12/3/2024
Scenario:	**Calibration**	BY:	J. Leech

ADT	820			PK HR VOL	82
SPEED	20				
PK HR %	10				
DIST CTL	24				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		16.6
DIST WALL	0		MED TRUCK SLE DIST		16.1
DIST W/OB	24		HVY TRUCK SLE DIST		16.2
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	40.0				
ROADWAY VIEW:					
LF ANGLE	-30				
RT ANGLE	30				
DF ANGLE	60				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	10.0				
MED TR	10.0				
HVY TR	10.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9200
MEDIUM TRUCKS	0.872	0.053	0.075	0.0700
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	45.4	43.5	41.9	35.7	45.0
MEDIUM TRUCKS	46.9	45.5	39.3	36.1	45.6
HEAVY TRUCKS	46.5	45.2	36.5	36.0	45.2
VEHICULAR NOISE	51.1	49.6	44.6	40.7	**50.0**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Seahawk ESS Santa Cruz County	JN:	14713.51
ROADWAY:	Minto Road (ST4)	DATE:	12/3/2024
Scenario:	**Existing**	BY:	J. Leech

ADT	824			PK HR VOL	82
SPEED	20				
PK HR %	10				
DIST CTL	24				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		16.6
DIST WALL	0		MED TRUCK SLE DIST		16.1
DIST W/OB	24		HVY TRUCK SLE DIST		16.2
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	40.0				
ROADWAY VIEW:					
LF ANGLE	-30				
RT ANGLE	30				
DF ANGLE	60				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	10.0				
MED TR	10.0				
HVY TR	10.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9200
MEDIUM TRUCKS	0.872	0.053	0.075	0.0700
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	45.5	43.5	42.0	35.7	45.0
MEDIUM TRUCKS	46.9	45.5	39.4	36.1	45.6
HEAVY TRUCKS	46.5	45.2	36.5	36.0	45.2
VEHICULAR NOISE	51.1	49.6	44.6	40.7	**50.1**

FHWA - HIGHWAY TRAFFIC NOISE PREDICTION MODEL

(modified for CNEL)

DUDEK

PROJECT:	Seahawk ESS Santa Cruz County	JN:	14713.51
ROADWAY:	Minto Road (ST4)	DATE:	12/3/2024
Scenario:	**Existing + Construction**	BY:	J. Leech

ADT	890			PK HR VOL	89
SPEED	20				
PK HR %	10				
DIST CTL	24				
DIST N/F	36	(M=76,P=52,S=36,C=12)	AUTO SLE DISTANCE		16.6
DIST WALL	0		MED TRUCK SLE DIST		16.1
DIST W/OB	24		HVY TRUCK SLE DIST		16.2
HTH WALL	0.0	********			
HTH OBS	5.0				
AMBIENT	40.0				
ROADWAY VIEW:					
LF ANGLE	-30				
RT ANGLE	30				
DF ANGLE	60				

SITE CONDITIONS:		(15=HARD SITE, 10=SOFT SITE)			
AUTOM	10.0				
MED TR	10.0				
HVY TR	10.0				
BARRIER	0	(0=WALL,1=BERM)			
ELEVATIONS:					
PAD	0.0	AUTOMOBILES =	0.00		
ROAD	0.0	MEDIUM TRUCKS=	2.30		
		HEAVY TRUCKS =	8.01		
GRADE:	0.0 %	GRADE ADJUSTM=	0.0	(TO HEAVY TRUCKS)	

VEHICLE DISTRIBUTION:

	DAY	EVE	NIGHT	DAILY
AUTOMOBILES	0.770	0.134	0.096	0.9200
MEDIUM TRUCKS	0.872	0.053	0.075	0.0700
HEAVY TRUCKS	0.889	0.030	0.081	0.0100

NOISE IMPACTS WITHOUT TOPO OR BARRIER SHIELDING:

	LEQ PK HR	LEQ DAY	LEQ EVE	LEQ NIGHT	CNEL
AUTOMOBILES	45.8	43.9	42.3	36.1	45.3
MEDIUM TRUCKS	47.2	45.8	39.7	36.4	45.9
HEAVY TRUCKS	46.8	45.5	36.8	36.4	45.6
VEHICULAR NOISE	51.4	49.9	44.9	41.1	**50.4**

Appendix 3.7D

Stationary Operations Source Inputs and Results

Name	Level Lr		Limit. Value		Land Use			Height		Coordinates		
	Day (dBA)	Night (dBA)	Day (dBA)	Night (dBA)	Type	Auto	Noise Type	(ft)		X (ft)	Y (ft)	Z (ft)
M1	43	43	0	0	Res	x	Total	5	r	2139.47	441.08	5
M2	45.5	45.5	0	0	Res	x	Total	5	r	1841.84	849.41	5
M3	45	45	0	0	Res	x	Total	5	r	844.58	1118.8	5
R1	41.8	41.8	0	0	Res	x	Total	5	r	2233.08	698.07	5
R2	44.1	44.1	0	0	Res	x	Total	5	r	1917.35	953.84	5
R3	43	43	0	0	Res	x	Total	5	r	606.78	1291.13	5
R4	43.9	43.9	0	0	Res	x	Total	5	r	610.31	1089.66	5

Name	ID	Type		1/3 Octave Spectrum (dB)									
			Weight.	25	31.5	40	50	63	80	100	125	160	200
Catl	Ener Long Side	Lw	A	11.7	17.4	20.4	23.7	28.8	39.7	49.7	42.2	46	57
				250	315	400	500	630	800	1000	1250	1600	2000
				49.6	50.6	52	52.8	57.2	52.3	51.4	47.4	46	43.3
				2500	3150	4000	5000	6300	8000	10000	A	lin	
				41.8	34.1	33.1	27.8	23.4	24.4	10.7	63.4	73.4	
			Weight.	25	31.5	40	50	63	80	100	125	160	200
Catl	Ener Shrt Side	Lw	A	8	14	16	19	23	28	34	33	36	39
				250	315	400	500	630	800	1000	1250	1600	2000
				41	42	44	46	47	46	48	43	42	41
				2500	3150	4000	5000	6300	8000	10000	A	lin	
				40	39	36	37	31	27	22	55.3	62.7	
			Weight.	25	31.5	40	50	63	80	100	125	160	200
GSU		Lw	A	52.2	52.2	52.2	52.2	52.9	54.9	60.3	62.6	67.2	68
				250	315	400	500	630	800	1000	1250	1600	2000
				74.9	75.5	72.9	73.9	73.5	72.4	72.2	72.3	71.3	69.7
				2500	3150	4000	5000	6300	8000	10000	A	lin	
				68.9	65.9	64	60.7	56.4	51.7	49	83.8	99.1	

Name	Reflect Co-Ef.	Absorption Ratio	Height Begin (ft)
BESS unit 266	20	0.99	9
BESS unit 265	20	0.99	9
BESS unit 264	20	0.99	9
BESS unit 263	20	0.99	9
BESS unit 262	20	0.99	9
BESS unit 261	20	0.99	9
BESS unit 260	20	0.99	9
BESS unit 259	20	0.99	9
BESS unit 258	20	0.99	9
BESS unit 257	20	0.99	9
BESS unit 256	20	0.99	9
BESS unit 255	20	0.99	9
BESS unit 254	20	0.99	9
BESS unit 253	20	0.99	9
BESS unit 252	20	0.99	9
BESS unit 251	20	0.99	9
BESS unit 250	20	0.99	9
BESS unit 249	20	0.99	9
BESS unit 248	20	0.99	9
BESS unit 247	20	0.99	9
BESS unit 246	20	0.99	9
BESS unit 245	20	0.99	9
BESS unit 244	20	0.99	9
BESS unit 243	20	0.99	9
BESS unit 242	20	0.99	9
BESS unit 241	20	0.99	9
BESS unit 240	20	0.99	9
BESS unit 239	20	0.99	9
BESS unit 238	20	0.99	9
BESS unit 237	20	0.99	9
BESS unit 236	20	0.99	9
BESS unit 235	20	0.99	9
BESS unit 234	20	0.99	9
BESS unit 233	20	0.99	9
BESS unit 232	20	0.99	9
BESS unit 231	20	0.99	9
BESS unit 230	20	0.99	9
BESS unit 229	20	0.99	9
BESS unit 228	20	0.99	9
BESS unit 227	20	0.99	9
BESS unit 226	20	0.99	9
BESS unit 225	20	0.99	9

Name	Reflect Co-Ef.	Absorption Ratio	Height Begin (ft)
BESS unit 224	0.99	0	9
BESS unit 223	0.99	0	9
BESS unit 222	0.99	0	9
BESS unit 221	0.99	0	9
BESS unit 220	0.99	0	9
BESS unit 219	0.99	0	9
BESS unit 218	0.99	0	9
BESS unit 217	0.99	0	9
BESS unit 216	0.99	0	9
BESS unit 215	0.99	0	9
BESS unit 214	0.99	0	9
BESS unit 213	0.99	0	9
BESS unit 212	0.99	0	9
BESS unit 211	0.99	0	9
BESS unit 210	0.99	0	9
BESS unit 209	0.99	0	9
BESS unit 208	0.99	0	9
BESS unit 207	0.99	0	9
BESS unit 206	0.99	0	9
BESS unit 205	0.99	0	9
BESS unit 204	0.99	0	9
BESS unit 203	0.99	0	9
BESS unit 202	0.99	0	9
BESS unit 201	0.99	0	9
BESS unit 200	0.99	0	9
BESS unit 199	0.99	0	9
BESS unit 198	0.99	0	9
BESS unit 197	0.99	0	9
BESS unit 196	0.99	0	9
BESS unit 195	0.99	0	9
BESS unit 194	0.99	0	9
BESS unit 193	0.99	0	9
BESS unit 192	0.99	0	9
BESS unit 191	0.99	0	9
BESS unit 190	0.99	0	9
BESS unit 189	0.99	0	9
BESS unit 188	0.99	0	9
BESS unit 187	0.99	0	9
BESS unit 186	0.99	0	9
BESS unit 185	0.99	0	9
BESS unit 184	0.99	0	9
BESS unit 183	0.99	0	9

Name	Reflect Co-Ef.	Absorption Ratio	Height Begin (ft)
BESS unit 182	20	0.99	9
BESS unit 181	20	0.99	9
BESS unit 180	20	0.99	9
BESS unit 179	20	0.99	9
BESS unit 178	20	0.99	9
BESS unit 177	20	0.99	9
BESS unit 176	20	0.99	9
BESS unit 175	20	0.99	9
BESS unit 174	20	0.99	9
BESS unit 173	20	0.99	9
BESS unit 172	20	0.99	9
BESS unit 171	20	0.99	9
BESS unit 170	20	0.99	9
BESS unit 169	20	0.99	9
BESS unit 168	20	0.99	9
BESS unit 167	20	0.99	9
BESS unit 166	20	0.99	9
BESS unit 165	20	0.99	9
BESS unit 164	20	0.99	9
BESS unit 163	20	0.99	9
BESS unit 162	20	0.99	9
BESS unit 161	20	0.99	9
BESS unit 160	20	0.99	9
BESS unit 159	20	0.99	9
BESS unit 158	20	0.99	9
BESS unit 157	20	0.99	9
BESS unit 156	20	0.99	9
BESS unit 155	20	0.99	9
BESS unit 154	20	0.99	9
BESS unit 153	20	0.99	9
BESS unit 152	20	0.99	9
BESS unit 151	20	0.99	9
BESS unit 150	20	0.99	9
BESS unit 149	20	0.99	9
BESS unit 148	20	0.99	9
BESS unit 147	20	0.99	9
BESS unit 146	20	0.99	9
BESS unit 145	20	0.99	9
BESS unit 144	20	0.99	9
BESS unit 143	20	0.99	9
BESS unit 142	20	0.99	9
BESS unit 141	20	0.99	9

Name	Reflect Co-Ef.	Absorption Ratio	Height Begin (ft)
BESS unit 140	20	0.99	9
BESS unit 139	20	0.99	9
BESS unit 138	20	0.99	9
BESS unit 137	20	0.99	9
BESS unit 136	20	0.99	9
BESS unit 135	20	0.99	9
BESS unit 134	20	0.99	9
BESS unit 133	20	0.99	9
BESS unit 132	20	0.99	9
BESS unit 131	20	0.99	9
BESS unit 130	20	0.99	9
BESS unit 129	20	0.99	9
BESS unit 128	20	0.99	9
BESS unit 127	20	0.99	9
BESS unit 126	20	0.99	9
BESS unit 125	20	0.99	9
BESS unit 124	20	0.99	9
BESS unit 123	20	0.99	9
BESS unit 122	20	0.99	9
BESS unit 121	20	0.99	9
BESS unit 120	20	0.99	9
BESS unit 119	20	0.99	9
BESS unit 118	20	0.99	9
BESS unit 117	20	0.99	9
BESS unit 116	20	0.99	9
BESS unit 115	20	0.99	9
BESS unit 114	20	0.99	9
BESS unit 113	20	0.99	9
BESS unit 112	20	0.99	9
BESS unit 111	20	0.99	9
BESS unit 110	20	0.99	9
BESS unit 109	20	0.99	9
BESS unit 108	20	0.99	9
BESS unit 107	20	0.99	9
BESS unit 106	20	0.99	9
BESS unit 105	20	0.99	9
BESS unit 104	20	0.99	9
BESS unit 103	20	0.99	9
BESS unit 102	20	0.99	9
BESS unit 101	20	0.99	9
BESS unit 100	20	0.99	9
BESS unit 099	20	0.99	9

Name	Reflect Co-Ef.	Absorption Ratio	Height Begin (ft)
BESS unit 098	20	0.99	9
BESS unit 097	20	0.99	9
BESS unit 096	20	0.99	9
BESS unit 095	20	0.99	9
BESS unit 094	20	0.99	9
BESS unit 093	20	0.99	9
BESS unit 092	20	0.99	9
BESS unit 091	20	0.99	9
BESS unit 090	20	0.99	9
BESS unit 089	20	0.99	9
BESS unit 088	20	0.99	9
BESS unit 087	20	0.99	9
BESS unit 086	20	0.99	9
BESS unit 085	20	0.99	9
BESS unit 084	20	0.99	9
BESS unit 083	20	0.99	9
BESS unit 082	20	0.99	9
BESS unit 081	20	0.99	9
BESS unit 080	20	0.99	9
BESS unit 079	20	0.99	9
BESS unit 078	20	0.99	9
BESS unit 077	20	0.99	9
BESS unit 076	20	0.99	9
BESS unit 075	20	0.99	9
BESS unit 074	20	0.99	9
BESS unit 073	20	0.99	9
BESS unit 072	20	0.99	9
BESS unit 071	20	0.99	9
BESS unit 070	20	0.99	9
BESS unit 069	20	0.99	9
BESS unit 068	20	0.99	9
BESS unit 067	20	0.99	9
BESS unit 066	20	0.99	9
BESS unit 065	20	0.99	9
BESS unit 064	20	0.99	9
BESS unit 063	20	0.99	9
BESS unit 062	20	0.99	9
BESS unit 061	20	0.99	9
BESS unit 060	20	0.99	9
BESS unit 059	20	0.99	9
BESS unit 058	20	0.99	9
BESS unit 057	20	0.99	9

Name	Reflect Co-Ef.	Absorption Ratio	Height Begin (ft)
BESS unit 056	20	0.99	9
BESS unit 055	20	0.99	9
BESS unit 054	20	0.99	9
BESS unit 053	20	0.99	9
BESS unit 052	20	0.99	9
BESS unit 051	20	0.99	9
BESS unit 050	20	0.99	9
BESS unit 049	20	0.99	9
BESS unit 048	20	0.99	9
BESS unit 047	20	0.99	9
BESS unit 046	20	0.99	9
BESS unit 045	20	0.99	9
BESS unit 044	20	0.99	9
BESS unit 043	20	0.99	9
BESS unit 042	20	0.99	9
BESS unit 041	20	0.99	9
BESS unit 040	20	0.99	9
BESS unit 039	20	0.99	9
BESS unit 038	20	0.99	9
BESS unit 037	20	0.99	9
BESS unit 036	20	0.99	9
BESS unit 035	20	0.99	9
BESS unit 034	20	0.99	9
BESS unit 033	20	0.99	9
BESS unit 032	20	0.99	9
BESS unit 031	20	0.99	9
BESS unit 030	20	0.99	9
BESS unit 029	20	0.99	9
BESS unit 028	20	0.99	9
BESS unit 027	20	0.99	9
BESS unit 026	20	0.99	9
BESS unit 025	20	0.99	9
BESS unit 024	20	0.99	9
BESS unit 023	20	0.99	9
BESS unit 022	20	0.99	9
BESS unit 021	20	0.99	9
BESS unit 020	20	0.99	9
BESS unit 019	20	0.99	9
BESS unit 018	20	0.99	9
BESS unit 017	20	0.99	9
BESS unit 016	20	0.99	9
BESS unit 015	20	0.99	9

Name	Reflect Co-Ef.	Absorption Ratio	Height Begin (ft)
BESS unit 014	20	0.99	9
BESS unit 013	20	0.99	9
BESS unit 012	20	0.99	9
BESS unit 011	20	0.99	9
BESS unit 010	20	0.99	9
BESS unit 009	20	0.99	9
BESS unit 008	20	0.99	9
BESS unit 007	20	0.99	9
BESS unit 006	20	0.99	9
BESS unit 005	20	0.99	9
BESS unit 004	20	0.99	9
BESS unit 003	20	0.99	9
BESS unit 002	20	0.99	9
BESS unit 001	20	0.99	9
inverter 001	20	0.99	8
inverter 002	20	0.99	8
inverter 003	20	0.99	8
inverter 004	20	0.99	8
inverter 005	20	0.99	8
inverter 006	20	0.99	8
inverter 007	20	0.99	8
inverter 008	20	0.99	8
inverter 009	20	0.99	8
inverter 010	20	0.99	8
inverter 011	20	0.99	8
inverter 012	20	0.99	8
inverter 013	20	0.99	8
inverter 014	20	0.99	8
inverter 015	20	0.99	8
inverter 016	20	0.99	8
inverter 017	20	0.99	8
inverter 018	20	0.99	8
inverter 019	20	0.99	8
inverter 020	20	0.99	8
inverter 021	20	0.99	8
inverter 022	20	0.99	8
inverter 023	20	0.99	8
inverter 024	20	0.99	8
inverter 025	20	0.99	8
inverter 026	20	0.99	8
inverter 027	20	0.99	8
inverter 028	20	0.99	8

Name	Reflect Co-Ef.	Absorption Ratio	Height Begin (ft)
inverter 029	20	0.99	8
inverter 030	20	0.99	8
inverter 031	20	0.99	8
inverter 032	20	0.99	8
inverter 033	20	0.99	8
inverter 034	20	0.99	8
inverter 035	20	0.99	8
inverter 036	20	0.99	8
inverter 037	20	0.99	8
inverter 038	20	0.99	8
inverter 039	20	0.99	8
inverter 040	20	0.99	8
inverter 041	20	0.99	8
inverter 042	20	0.99	8
inverter 043	20	0.99	8
inverter 044	20	0.99	8
inverter 045	20	0.99	8
inverter 046	20	0.99	8
inverter 047	20	0.99	8
inverter 048	20	0.99	8
inverter 049	20	0.99	8
inverter 050	20	0.99	8
inverter 051	20	0.99	8
inverter 052	20	0.99	8
inverter 053	20	0.99	8
inverter 054	20	0.99	8
inverter 055	20	0.99	8
inverter 056	20	0.99	8
inverter 057	20	0.99	8
inverter 058	20	0.99	8
inverter 059	20	0.99	8
inverter 060	20	0.99	8
inverter 061	20	0.99	8
inverter 062	20	0.99	8
inverter 063	20	0.99	8
inverter 064	20	0.99	8
inverter 065	20	0.99	8
inverter 066	20	0.99	8
inverter 067	20	0.99	8
inverter 068	20	0.99	8
inverter 069	20	0.99	8
inverter 070	20	0.99	8

Name	Reflect Co-Ef.	Absorption Ratio	Height Begin (ft)
inverter 071	20	0.99	8
inverter 072	20	0.99	8
inverter 073	20	0.99	8
inverter 074	20	0.99	8
inverter 075	20	0.99	8
inverter 076	20	0.99	8
inverter 077	20	0.99	8
inverter 078	20	0.99	8
inverter 079	20	0.99	8
inverter 080	20	0.99	8
inverter 081	20	0.99	8
inverter 082	20	0.99	8
inverter 083	20	0.99	8
inverter 084	20	0.99	8

Name	ID	Absorption		Z-Ext.	Cantilever		Height		
		left	right		horz.	vert.	Begin		End
				(ft)	(ft)	(ft)	(ft)		(ft)
Perimeter Barrier	Seg 1						14	r	
Perimeter Barrier	Seg 2						12	r	
Perimeter Barrier	Seg 3						12	r	

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft^2)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7

Name	Result. PWL Day (dBA)	Evening (dBA)	Night (dBA)	Result. PWL'' Day (dBA)	Evening (dBA)	Night (dBA)	Lw / Li Type	Value	Correction Day dB(A)	Evening dB(A)	Night dB(A)	Sound Reduction R	Area (ft²)	Attenuation	Operating Time Day (min)	Special (min)	Night (min)	K0 (dB)	Freq. (Hz)	Direct.	
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft^2)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day (dBA)	Evening (dBA)	Night (dBA)	Day (dBA)	Evening (dBA)	Night (dBA)	Type	Value	Day dB(A)	Evening dB(A)	Night dB(A)	R	Area (ft^2)		Day (min)	Special (min)	Night (min)	(dB)	(Hz)		
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft^2)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft^2)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft^2)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7

Name	Result. PWL Day (dBA)	Evening (dBA)	Night (dBA)	Result. PWL'' Day (dBA)	Evening (dBA)	Night (dBA)	Lw / Li Type	Value	Correction Day dB(A)	Evening dB(A)	Night dB(A)	Sound Reduction R	Area (ft²)	Attenuation	Operating Time Day (min)	Special (min)	Night (min)	K0 (dB)	Freq. (Hz)	Direct.	
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	80.6	80.6	80.6	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft^2)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft^2)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft^2)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Short Side	76.3	76.3	76.3	77.5	77.5	77.5	Lw	EnercS		0	0	0			-21			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft²)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day	Evening	Night	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night				
	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft²)		(min)	(min)	(min)	(dB)	(Hz)		
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7

Name	Result. PWL			Result. PWL''			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	
	Day (dBA)	Evening (dBA)	Night (dBA)	Day (dBA)	Evening (dBA)	Night (dBA)	Type	Value	Day dB(A)	Evening dB(A)	Night dB(A)	R	Area (ft^2)		Day (min)	Special (min)	Night (min)	(dB)	(Hz)		
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7
Catl Long Side	79.4	79.4	79.4	81.9	81.9	81.9	Lw	EnercL		0	0	0			-16			3		(none)	7

Name	Result. PWL			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	Height		Coordinates		
	Day (dBA)	Evening (dBA)	Night (dBA)	Type	Value	Day dB(A)	Evening dB(A)	Night dB(A)	R	Area (ft^2)		Day (min)	Special (min)	Night (min)	(dB)	(Hz)		(ft)		X (ft)	Y (ft)	Z (ft)
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1240.02	1168.55	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1287.22	1128.76	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1337.62	1089.91	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1387.32	1050.71	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1435.97	1007.31	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1485.67	967.76	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1536.08	928.21	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1583.33	888.31	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1628.48	848.4	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1681.68	808.5	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1731.38	767.55	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1782.48	727.3	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1934.27	439.62	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1911.78	455.93	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1887.53	476.66	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1835.49	454.61	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1809.47	473.57	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1847.4	508.41	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1866.8	492.53	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1787.87	491.65	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1770.67	507.09	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1797.57	545.01	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1824.91	528.25	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1743.77	527.37	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1781.25	563.09	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1759.64	580.73	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1723.92	545.01	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1704.52	563.09	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1737.15	597.05	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1682.69	580.51	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1717.31	615.68	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1695.48	632.21	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1674.31	649.19	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1661.09	596.27	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1640.14	615.46	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1617.43	634.2	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1652.71	668.15	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1630.66	684.91	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1596.7	653.38	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1575.32	669.92	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1609.49	703.65	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1588.32	721.95	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1554.15	685.13	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0		(none)	8.5	r	1533.86	703.87	8.5

Name	Result. PWL			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	Height		Coordinates		
	Day	Evening	Night	Type	Value	Day	Evening	Night	R	Area		Day	Special	Night						X	Y	Z
	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)		(ft^2)		(min)	(min)	(min)	(dB)	(Hz)		(ft)		(ft)	(ft)	(ft)
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1566.5	739.81	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1544.89	756.13	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1509.39	722.39	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1489.32	738.93	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1520.19	775.09	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1499.47	792.07	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1469.92	757.23	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1448.09	773.55	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1480.06	809.49	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1424.94	791.63	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1455.81	826.69	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1438.83	844.54	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1403.77	809.27	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1380.4	828.23	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1413.92	861.96	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1393.85	879.6	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1359.9	846.97	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1373.79	898.34	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1338.29	863.73	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1315.8	882.47	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1349.31	915.32	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1327.71	932.3	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1295.96	897.46	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1274.35	917.75	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1308.08	951.26	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1284.93	966.7	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1252.08	933.4	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1230.91	952.14	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1264.65	986.76	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1238.63	1004.62	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1210.85	970	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1188.14	987.86	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1221.43	1020.5	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1200.48	1038.58	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1167.41	1005.06	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1145.8	1022.92	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1178.21	1055.11	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1157.93	1073.63	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1123.53	1041	8.5
Med. Volt Trns.	77.3	77.3	77.3	Lw	mvs	0	0	0			6.5				0	0	(none)	8.5	r	1103.03	1057.98	8.5

Appendix 3.7E
Construction Vibration Calculations

Vibration in PPV

$PPV(D) = PPV_{25} \times (25/D)^{1.5}$

Where PPV(D) is vibration level at distance D

And PPV_{25} is reported vibration level at 25 feet from selected equipment

	PPV_{25}	Distance (D)	PVV @ D
Sonic Pile Driver (Typical)	0.170	75	0.033
Vibratory Roller	0.210	75	0.040
Large Bulldozer	0.089	75	0.017
Loaded Truck	0.076	75	0.015
Jackhammer	0.035	75	0.007
Small Bulldozer	0.003	75	0.001

Distance to Closest Off-site Structure (feet) 75

Direction / Building: West/greenhouse

Significance Threshold for Structure: (PPV ips) 0.5

Vibration in PPV

$PPV(D) = PPV_{25} \times (25/D)^{1.5}$

Where PPV(D) is vibration level at distance D

And PPV_{25} is reported vibration level at 25 feet from selected equipment

	PPV_{25}	Distance (D)	PVV @ D
Sonic Pile Driver (Typical)	0.170	175	0.009
Vibratory Roller	0.210	175	0.011
Large Bulldozer	0.089	175	0.005
Loaded Truck	0.076	175	0.004
Jackhammer	0.035	175	0.002
Small Bulldozer	0.003	175	0.0002

Distance to Closest Off-site Structure (feet) 175

Direction / Building: Northeast/Residence

Significance Threshold for Structure: (PPV ips) 0.3