

Appendix L

Sound Data Collected

Appendix L1 – Summary of Baseline Noise Monitoring

Appendix L2 – Baseline Noise Monitoring Results for R1 – Maritime Oddfellows Home

Appendix L3 – Baseline Noise Monitoring Results for R2 – 12 Birch Lane

Appendix L4 – Baseline Noise Monitoring Results for R3 – 1220 Loch Broom Loop

Appendix L5 – Baseline Noise Monitoring Results for R4 – 108 Granton Abercrombie Branch Road

Appendix L6 – Temperatures During Noise Monitoring Event

Appendix L1

Summary of Baseline Noise Monitoring

Table L1: Summary of Baseline Noise Monitoring results

Receptor ID	Receptor Description	Receptor Address	Maximum Hourly Leq (dBA)	Minimum Hourly Leq (dBA)	Geometric Mean LAeq (dBA)	Average Lp90 (dBA)
Daytime (7am - 7pm)						
R1	Maritime Odd Fellows Home - Single Story Residential	143 Norway Point Road, Pictou, NS	61.7	40.9	49.5	43.8
R2	Single Story Residential	12 Birch Lane, Pictou Landing, NS	57.7	37.5	47.0	43.4
R3	Two Story Residential	1220 Loch Broom Loop, Loch Broom, NS	47.8	28.3	39.4	33.4
R4	Two Story Residential	108 Granton Abercrombie Branch Road, Pictou, NS	58.3	39.0	47.2	42.4
Evening (7pm - 11pm)						
R1	Maritime Odd Fellows Home - Single Story Residential	143 Norway Point Road, Pictou, NS	52.7	41.9	47.2	40.5
R2	Single Story Residential	12 Birch Lane, Pictou Landing, NS	61.4	41.9	50.0	46.2
R3	Two Story Residential	1220 Loch Broom Loop, Loch Broom, NS	48.6	25.5	36.1	31.6
R4	Two Story Residential	108 Granton Abercrombie Branch Road, Pictou, NS	53.0	37.1	46.0	41.8
Nighttime (11pm - 7am)						
R1	Maritime Odd Fellows Home - Single Story Residential	143 Norway Point Road, Pictou, NS	51.8	36.7	45.1	37.1
R2	Single Story Residential	12 Birch Lane, Pictou Landing, NS	60.1	34.6	45.5	42.1
R3	Two Story Residential	1220 Loch Broom Loop, Loch Broom, NS	47.0	22.6	37.9	32.0
R4	Two Story Residential	108 Granton Abercrombie Branch Road, Pictou, NS	52.5	32.8	44.9	41.0

Appendix L2

Baseline Noise Monitoring Results for R1 – Maritime Oddfellows Home

Table L2: Baseline Noise Monitoring results for R1 - Maritime Oddfellows Home

Record	Time	Measurement Time	LAeq	LAE	LAmx	L Amin	LA05	LA10	LA50	LA90	LA95	Lppeak
1	12-15-17 15:21	1:00:00	54.3	89.9	74.5	43.9	57.9	56.5	52.9	50.1	49.3	114
2	12-15-17 16:21	1:00:00	54.8	90.4	71.8	46	58.8	57.2	53.4	50.7	50	114
3	12-15-17 17:21	1:00:00	51.2	86.8	65.6	42.5	54.9	53.8	50.3	47.1	46.2	110
4	12-15-17 18:21	1:00:00	48	83.6	57.3	39.3	51.5	50.5	47.3	44	43.1	101.3
5	12-15-17 19:21	1:00:00	48.2	83.8	60.1	37.5	52.1	51.1	47.2	42.8	41.6	102.8
6	12-15-17 20:21	1:00:00	46.6	82.2	58.2	37.9	50.4	49.4	45.7	42.2	41.4	101.1
7	12-15-17 21:21	1:00:00	45.8	81.4	58.7	36.4	49.4	48.6	44.9	41.3	40.4	99.2
8	12-15-17 22:21	1:00:00	41.9	77.5	53	32.7	45.9	44.8	40.8	36.8	36	89.1
9	12-15-17 23:21	1:00:00	42.7	78.3	58.6	31.5	47.1	45.6	41	36.5	35.5	89.9
10	12-16-17 0:21	1:00:00	41.2	76.8	52.9	32.8	45.5	44.1	39.9	35.8	35.1	85.4
11	12-16-17 1:21	1:00:00	36.7	72.3	49.8	30.2	40.8	39	34.9	32.6	32.2	72.7
12	12-16-17 2:21	1:00:00	37.5	73.1	51.3	30.1	43.3	40.6	34.6	32.6	32.1	91
13	12-16-17 3:21	1:00:00	39.4	75	59	29	45.1	40.6	34	31.6	31.1	90.7
14	12-16-17 4:21	1:00:00	37.4	73	53.8	29.2	43	40.6	33.8	31.2	30.8	92.5
15	12-16-17 5:21	1:00:00	38	73.6	53.5	26.7	43.9	41.6	33	29.6	28.9	92.5
16	12-16-17 6:21	1:00:00	40.9	76.5	52.4	35.6	44.9	43.5	39.6	37.8	37.5	99
17	12-16-17 7:21	1:00:00	41.1	76.7	65.7	36	44.4	43.2	40.2	38.3	37.9	93.8
18	12-16-17 8:21	1:00:00	41.9	77.5	53.8	36.3	45.3	44.1	41.1	39	38.5	103.4
19	12-16-17 9:21	1:00:00	43.9	79.5	58.1	37.3	47	45.9	43.2	40.9	40.3	107
20	12-16-17 10:21	1:00:00	44.8	80.4	62	35.8	48.2	47	43.8	41.2	40.6	109.6
21	12-16-17 11:21	1:00:00	46.7	82.3	64.3	36.7	50.9	49.4	45.2	41.3	40.4	113.7
22	12-16-17 12:21	1:00:00	48.3	83.9	70.7	35.5	52.1	50.6	46.5	42.6	41.6	113.5
23	12-16-17 13:21	1:00:00	49.3	84.9	71.4	39.3	52.9	51.7	48	44.3	43.4	113.5
24	12-16-17 14:21	1:00:00	50.2	85.8	73.1	37.1	54.1	52.5	48.5	44.4	43.1	114
25	12-16-17 15:21	1:00:00	54.2	89.8	78.7	38.4	61.9	55.9	48.9	45	43.7	113.2
26	12-16-17 16:21	1:00:00	48	83.6	65.7	33.9	51.9	50.7	46.9	42.7	41.3	114
27	12-16-17 17:21	1:00:00	49.6	85.2	67.4	38.5	54.2	52.4	47.5	43.6	42.5	113.1
28	12-16-17 18:21	1:00:00	49.8	85.4	71.7	38.2	54.8	52.3	47.2	43.4	42.4	114
29	12-16-17 19:21	1:00:00	49.7	85.3	73.7	32.5	55.2	52.2	45.5	40	38.5	114
30	12-16-17 20:21	1:00:00	52.7	88.3	76	36.1	58.6	55.6	47.6	42.6	41.1	114
31	12-16-17 21:21	1:00:00	51.8	87.4	73.4	36.3	57.3	54.6	47.4	42.3	40.8	114
32	12-16-17 22:21	1:00:00	48.6	84.2	67	35.2	54.2	51.8	44.8	40.1	39	114
33	12-16-17 23:21	1:00:00	50.3	85.9	70.7	34.9	56.1	53.6	45.5	40.4	39.3	113.5
34	12-16-17 0:21	1:00:00	49.7	85.3	70.6	34.5	55.6	52.7	44.6	38.7	37.6	114
35	12-17-17 1:21	1:00:00	50	85.6	73	32	56	53.2	44.5	37.9	36.3	114
36	12-17-17 2:21	1:00:00	47.2	82.8	68.9	30.4	53.2	50.6	41.9	35.9	34.6	113.8
37	12-17-17 3:21	1:00:00	44.3	79.9	66.6	30.4	49.5	47.1	39.4	33.7	32.8	113.9
38	12-17-17 4:21	1:00:00	48.7	84.3	70.6	30.7	54.5	52	43.3	36.7	35.1	114
39	12-17-17 5:21	1:00:00	48.4	84	68.5	32.8	54.1	51.8	44.4	38.8	37.6	114
40	12-17-17 6:21	1:00:00	51.8	87.4	72.2	34.5	57.7	55.3	47.4	41.6	40.3	114
41	12-17-17 7:21	1:00:00	47.2	82.8	67.8	35.6	52.4	50	43.1	38.6	37.9	113.9
42	12-17-17 8:21	1:00:00	46.9	82.5	66.9	35.6	51.5	49.8	44.5	39.7	38.7	112.8
43	12-17-17 9:21	1:00:00	48	83.6	65.8	36.8	52	50.6	46.7	43.2	42.3	113.7
44	12-17-17 10:21	1:00:00	50.7	86.3	73.9	39.2	55.4	53.4	48	44.1	43.2	114
45	12-17-17 11:21	1:00:00	50.5	86.1	71.3	36.6	55.1	53.2	48.1	44.1	42.9	113.9
46	12-17-17 12:21	1:00:00	52.7	88.3	72.2	39.7	57.9	55.6	49.7	45.9	44.7	114
47	12-17-17 13:21	1:00:00	48.3	83.9	68.4	38.6	52.4	51	46.7	43.4	42.6	113.6
48	12-17-17 14:21	1:00:00	48.2	83.8	67.6	33.8	52	50.5	46.8	43	41.9	114
49	12-17-17 15:21	1:00:00	45.4	81	57.8	31.9	49.4	48.4	44.4	39.8	38.6	107.6
50	12-17-17 16:21	1:00:00	45.8	81.4	60.6	33.7	49.9	48.7	44.8	40.3	38.8	96.5
51	12-17-17 17:21	1:00:00	47.1	82.7	59.4	36.7	51.1	49.8	45.9	42	40.8	104.7
52	12-17-17 18:21	1:00:00	46.5	82.1	59.5	32.6	50.8	49.4	45.3	41	39.8	109.5
53	12-17-17 19:21	1:00:00	45.7	81.3	62.5	34.1	50.2	48.7	43.9	39.6	38.4	112.3
54	12-17-17 20:21	1:00:00	48.1	83.7	72.2	31.5	52.3	50.1	44.8	39.3	37.5	114
55	12-17-17 21:21	1:00:00	46.1	81.7	69	31.8	51	49.1	42.7	37.8	36.4	114
56	12-17-17 22:21	1:00:00	45.5	81.1	66.4	31.4	50.7	48.6	41.8	36.3	34.6	114
57	12-17-17 23:21	1:00:00	45.3	80.9	66.7	29.9	51.3	48.6	40.3	35.1	33.7	113.2
58	12-17-17 0:21	1:00:00	45.2	80.8	66.5	29.3	50.6	47.9	40	33.8	32.6	113.5
59	12-18-17 1:21	1:00:00	38.2	73.8	65.9	27.4	43.4	41.2	34.6	30.5	29.9	110.1
60	12-18-17 2:21	1:00:00	45.4	81	75.8	28	47.5	44.3	35.2	31	30.3	108.3
61	12-18-17 3:21	1:00:00	43.3	78.9	68.9	28.7	48.6	46.4	37.2	32	31.2	108.4
62	12-18-17 4:21	1:00:00	42.9	78.5	59.1	30.2	48.2	46.3	40.1	34.6	33.2	108.6
63	12-18-17 5:21	1:00:00	46.6	82.2	63.4	31.8	51.4	49.8	44.7	38.7	36.7	112.2
64	12-18-17 6:21	1:00:00	47.8	83.4	59.2	35.6	52	50.8	46.6	41.6	39.9	110.8
65	12-18-17 7:21	1:00:00	50.7	86.3	59.8	39	54.9	54.3	49	44.9	43.8	109.9

Table L2: Baseline Noise Monitoring results for R1 - Maritime Oddfellows Home

66	12-18-17 8:21	1:00:00	50.5	86.1	66.1	41	54.9	53	48.7	45.5	44.8	104.4
67	12-18-17 9:21	1:00:00	50.9	86.5	75.4	36.9	55.6	53.1	46.9	42.4	41.2	101.8
68	12-18-17 10:21	1:00:00	49.5	85.1	67.2	37.2	53.5	50.7	46.2	43.3	42.4	95.6
69	12-18-17 11:21	1:00:00	45.4	81	70	33.6	48.5	46.9	42.8	39.4	38.3	91.6
70	12-18-17 12:21	1:00:00	56.2	91.8	74	34.7	65.1	58.7	42.5	38.7	38	93.4
71	12-18-17 13:21	1:00:00	61.7	97.3	77.8	38.7	66.4	64.6	53.5	45.7	43.7	97
72	12-18-17 14:21	1:00:00	56.8	92.4	73.5	41.9	63.6	61.2	51.6	47.3	46.1	107.8
73	12-18-17 15:21	1:00:00	53.9	89.5	79.3	41.2	57.5	55.4	50.2	47.2	46.5	105.2
74	12-18-17 16:21	1:00:00	48.9	84.5	61.5	41	51.5	50.8	48.5	46.2	45.4	88.2
75	12-18-17 17:21	1:00:00	49	84.6	59	40.5	52.1	51.3	48.5	45.5	44.6	93.9
76	12-18-17 18:21	1:00:00	48.3	83.9	60.7	40.1	51.4	50.5	47.7	44.8	44	93.1
77	12-18-17 19:21	1:00:00	50.8	86.4	62.2	40.7	54.5	53.4	49.9	46.7	45.7	97.1
78	12-18-17 20:21	1:00:00	47.4	83	57.9	37.9	50.9	49.8	46.6	43.4	42.4	98.4
79	12-18-17 21:21	1:00:00	44.4	80	58.6	35.4	48.2	47.1	43.6	39.8	39	92.7
80	12-18-17 22:21	1:00:00	43	78.6	62.6	33.2	47.2	45.5	41.2	37.8	36.8	89
81	12-18-17 23:21	1:00:00	43.4	79	54	35.1	47	46	42.5	39.4	38.6	88.4
82	12-18-17 0:21	1:00:00	48.2	83.8	59.1	37.1	52.3	51.2	47.3	41.9	40.8	84.9
83	12-19-17 1:21	1:00:00	49.3	84.9	59.6	39.6	53.9	52.4	47.6	44.2	43.2	93.9
84	12-19-17 2:21	1:00:00	48	83.6	61.6	38.3	52.4	51.3	46.6	41.3	40.6	95.2
85	12-19-17 3:21	1:00:00	48.7	84.3	60.5	38.3	52.5	51.5	47.8	42.7	41.4	101.1
86	12-19-17 4:21	1:00:00	50.4	86	61.7	42.6	53.6	52.7	49.8	47.1	46.5	96.6
87	12-19-17 5:21	1:00:00	49.9	85.5	59.6	43.4	52.7	51.9	49.5	47.2	46.5	96.2
88	12-19-17 6:21	1:00:00	49.4	85	60.9	43.3	52.5	51.6	48.8	46.2	45.6	92.2
89	12-19-17 7:21	1:00:00	53	88.6	79.4	44.2	56	55.1	51.7	48.6	48	103.9
90	12-19-17 8:21	1:00:00	57	92.6	82.6	49.8	60.3	58.6	55.7	53.4	52.8	103.6
91	12-19-17 9:21	1:00:00	55.4	91	79.9	48.8	57.9	57	54.3	52.1	51.5	102.1
92	12-19-17 10:21	0:04:19	54.8	78.9	63.3	48.7	57.5	56.8	54.4	51.6	50.5	91.6

Time Period	Max:	Min:	geo mean	Lp90
Daytime (7am - 7pm)	61.7	40.9	49.5	43.8
Evening (7pm-11pm)	52.7	41.9	47.2	40.5
Nighttime (11pm - 7am)	51.8	36.7	45.1	37.1

Appendix L3

Baseline Noise Monitoring Results for R2 – 12 Birch Lane

Table L3: Baseline Noise Monitoring results for R2 - 12 Birch Lane

Record	Time	Measurement Time	LAeq	LAE	LAmx	L Amin	LA05	LA10	LA50	LA90	LA95	Lppeak
1	2017-12-15 17:16	1:00:00	50.2	85.8	78	41.7	50.1	49	46.5	44.8	43.9	106.5
2	2017-12-15 18:16	1:00:00	42.5	78.1	48.3	39.2	44.5	44	42.2	40.7	40.4	95
3	2017-12-15 19:16	1:00:00	45.2	80.8	51.8	41.1	47.1	46.6	44.9	43.3	42.9	93.4
4	2017-12-15 20:16	1:00:00	44.6	80.2	49.1	40.8	46.7	46.2	44.2	42.7	42.3	86.4
5	2017-12-15 21:16	1:00:00	44.6	80.2	54.1	40.6	46.5	46	44.3	42.9	42.6	82.7
6	2017-12-15 22:16	1:00:00	41.9	77.5	47.9	36.4	44.5	43.9	41.6	38.9	38.3	77.7
7	2017-12-15 23:16	1:00:00	41.1	76.7	50.9	37	43.5	43	40.7	38.6	38.3	77.4
8	2017-12-16 0:16	1:00:00	39.4	75	54.3	33.3	42.4	41.7	38.6	36.3	35.7	83.4
9	2017-12-16 1:16	1:00:00	36.1	71.7	45.6	31.2	39.2	38.3	35.5	33.4	32.7	74.8
10	2017-12-16 2:16	1:00:00	35.1	70.7	45	30.9	37.7	36.9	34.5	32.7	32.3	82.3
11	2017-12-16 3:16	1:00:00	35	70.6	44.9	29.5	37.9	37	34.4	32.1	31.6	78.9
12	2017-12-16 4:16	1:00:00	34.6	70.2	50.6	30.3	37.5	36.5	33.9	32.2	31.9	92.7
13	2017-12-16 5:16	1:00:00	37	72.6	53.6	31.6	39.2	37.9	35.4	33.7	33.3	86.3
14	2017-12-16 6:16	1:00:00	39	74.6	57.9	31.5	41.5	40.7	38.3	35.1	34.2	93.4
15	2017-12-16 7:16	1:00:00	39.7	75.3	57.1	33.8	43	41	38.2	36.4	36	98.6
16	2017-12-16 8:16	1:00:00	41.5	77.1	54.1	34.9	45.1	44	40.6	37.8	37.2	102.4
17	2017-12-16 9:16	1:00:00	44.9	80.5	63.7	39.7	47.7	47	43.9	41.6	41.2	105.5
18	2017-12-16 10:16	1:00:00	46.3	81.9	52.3	41.5	49.6	48.6	45.5	43.5	43	101.4
19	2017-12-16 11:16	1:00:00	48.6	84.2	63	43.2	51.6	50.6	47.9	45.5	44.9	108.2
20	2017-12-16 12:16	1:00:00	51.1	86.7	59.8	43.6	54.7	53.5	50	46.7	46.1	111.9
21	2017-12-16 13:16	1:00:00	53.2	88.8	65.5	45.4	56.9	56.1	52.3	49.1	48.1	114.3
22	2017-12-16 14:16	1:00:00	53.9	89.5	64	47.6	57.7	56.4	53.1	50.1	49.6	115.9
23	2017-12-16 15:16	1:00:00	53.8	89.4	66.3	44.6	58.7	57.4	51.4	48.1	47.6	114
24	2017-12-16 16:16	1:00:00	52.9	88.5	66.5	45	56.7	55.6	51.9	48.2	47.1	115
25	2017-12-16 17:16	1:00:00	54.2	89.8	66.4	47.3	58.1	56.8	53	49.9	49.2	115.6
26	2017-12-16 18:16	1:00:00	56.5	92.1	66.5	49.6	59.9	59.1	55.5	52.6	51.8	118.6
27	2017-12-16 19:16	1:00:00	57.4	93	69.1	46.5	61.4	60.3	56.4	51.4	50.2	120.8
28	2017-12-16 20:16	1:00:00	58.7	94.3	68.7	49.4	62.4	61.3	57.8	53	51.5	116.9
29	2017-12-16 21:16	1:00:00	61.4	97	73.9	53.2	65.9	64.3	59.6	56.3	55.7	123.1
30	2017-12-16 22:16	1:00:00	60.5	96.1	72.7	52	64.8	63.3	59.1	55.8	55.1	120.7
31	2017-12-16 23:16	1:00:00	59.4	95	70.6	50.6	63.4	62.1	58.2	54.5	53.7	119.9
32	2017-12-17 0:16	1:00:00	60	95.6	73.7	52.8	63.5	62.5	59.1	56	55.4	118.3
33	2017-12-17 1:16	1:00:00	60.1	95.7	75.3	51.3	64	62.7	59	54.9	54.1	123.8
34	2017-12-17 2:16	1:00:00	56.3	91.9	64.2	50.7	59.4	58.4	55.5	53.3	52.8	114
35	2017-12-17 3:16	1:00:00	56.5	92.1	65.3	49.9	60.2	59	55.5	52.7	52.1	117.5
36	2017-12-17 4:16	1:00:00	56.3	91.9	66.5	50	59.8	58.7	55.6	52.6	51.9	116.2
37	2017-12-17 5:16	1:00:00	57.2	92.8	66.5	51.9	60.6	59.5	56.3	53.8	53.3	115.1
38	2017-12-17 6:16	1:00:00	59	94.6	70.6	51.9	62.8	61.6	57.8	55	54.4	121.3
39	2017-12-17 7:16	1:00:00	57.7	93.3	72.7	48.8	61.6	60.3	56.4	52.4	51.6	120.2
40	2017-12-17 8:16	1:00:00	54.3	89.9	70.5	47.1	57.9	56.8	53.3	49.5	48.8	119
41	2017-12-17 9:16	1:00:00	50	85.6	59.5	45.6	53	52.1	49.3	47.3	47	109.8
42	2017-12-17 10:16	1:00:00	52.5	88.1	60.5	46.3	55.7	54.8	51.8	48.7	48	116.7
43	2017-12-17 11:16	1:00:00	53.2	88.8	64.8	46.6	57	55.7	51.9	49.4	48.8	113.6
44	2017-12-17 12:16	1:00:00	55.6	91.2	68	49	59.4	58.2	54.2	51.4	50.8	115.4
45	2017-12-17 13:16	1:00:00	52.5	88.1	62.4	46.2	56.3	55.1	51.4	48.3	47.8	113
46	2017-12-17 14:16	1:00:00	50.7	86.3	60.5	44.5	54.4	53.1	49.6	47.1	46.5	113.2
47	2017-12-17 15:16	1:00:00	46.1	81.7	57.1	40	50.6	49.2	44.3	41.9	41.5	108.7
48	2017-12-17 16:16	1:00:00	43.4	79	68.9	38	45.1	44.2	41.8	39.9	39.5	107.1
49	2017-12-17 17:16	1:00:00	47.1	82.7	58	41.5	51.1	49.2	46.1	43.6	43	108.1
50	2017-12-17 18:16	1:00:00	52	87.6	65.3	45.9	55.4	54.1	50.9	48.9	48.3	119.3
51	2017-12-17 19:16	1:00:00	53.7	89.3	66.7	46.9	57.5	56.2	52.7	49.5	48.9	113.3
52	2017-12-17 20:16	1:00:00	53.5	89.1	63.9	45.6	57.3	56.1	52.5	48.7	47.9	114
53	2017-12-17 21:16	1:00:00	54.4	90	65.8	47.3	58.3	57.1	53.3	50	49.1	113.8
54	2017-12-17 22:16	1:00:00	53.8	89.4	65.6	45.4	58	56.8	52.7	48.4	47.8	113.9
55	2017-12-17 23:16	1:00:00	54.6	90.2	68.3	47.7	59	57.6	52.6	50.1	49.6	114.9
56	2017-12-18 0:16	1:00:00	56.4	92	70.2	46.3	61.5	59.6	54.3	49.2	48.6	121.6
57	2017-12-18 1:16	1:00:00	46.9	82.5	58.8	41.3	50.2	49.3	45.8	43.1	42.8	108.7
58	2017-12-18 2:16	1:00:00	45.3	80.9	58.4	39.1	48.4	47.2	44.7	41.9	41.2	109.4
59	2017-12-18 3:16	1:00:00	45	80.6	55.3	37.4	49.1	48.1	43.5	39.9	39.3	106.4
60	2017-12-18 4:16	1:00:00	49.6	85.2	60.2	44.7	52.4	51.5	49	46.9	46.5	110.4
61	2017-12-18 5:16	1:00:00	46.9	82.5	55.2	42.7	49.6	48.9	46.2	44.4	43.9	105.7
62	2017-12-18 6:16	1:00:00	44.6	80.2	54.4	38.6	47.3	46.6	44.3	41.5	40.9	105.7
63	2017-12-18 7:16	1:00:00	46.3	81.9	55.9	41	49.4	48.4	45.6	43.5	42.9	110.1

Table L3: Baseline Noise Monitoring results for R2 - 12 Birch Lane

64	2017-12-18 8:16	1:00:00	43.1	78.7	55.5	38.6	45.5	44.6	42.8	40.9	40	102.7
65	2017-12-18 9:16	1:00:00	38.2	73.8	46.8	33.4	41.2	40.2	37.7	35.5	35	94.1
66	2017-12-18 10:16	1:00:00	37.9	73.5	46.4	33.8	40.2	39.4	37.5	35.7	35.3	92.8
67	2017-12-18 11:16	1:00:00	37.5	73.1	51	32.7	40	38.7	36.3	34.6	34.4	83.6
68	2017-12-18 12:16	1:00:00	37.6	73.2	50.6	32.1	41.1	39.8	36.6	34.5	34	85.7
69	2017-12-18 13:16	1:00:00	39.3	74.9	65.2	32.1	41.6	40	36.4	33.9	33.4	82
70	2017-12-18 14:16	1:00:00	39.3	74.9	49.1	32.9	43.6	42.6	37.4	35.1	34.6	86.7
71	2017-12-18 15:16	1:00:00	43.2	78.8	53.8	38.5	45.8	45	42.7	40.5	39.9	85.2
72	2017-12-18 16:16	1:00:00	43.5	79.1	49.5	38.6	46	45.4	43	40.7	40.4	93.6
73	2017-12-18 17:16	1:00:00	46.1	81.7	54.4	39.5	49	48.1	45.4	43.4	42.9	80.7
74	2017-12-18 18:16	1:00:00	47.3	82.9	54.5	40.8	50.4	49.6	46.6	43.9	43.1	82.5
75	2017-12-18 19:16	1:00:00	46	81.6	53.4	39.4	49.2	48.4	45.3	42.2	41.6	81.3
76	2017-12-18 20:16	1:00:00	44.7	80.3	53.7	38.2	48	47.1	44	40.5	40	82.4
77	2017-12-18 21:16	1:00:00	43.7	79.3	50.8	38.5	47	46.1	42.9	40.7	40.2	82.1
78	2017-12-18 22:16	1:00:00	43.5	79.1	52	37.5	46.7	45.8	42.7	40.4	39.7	84.7
79	2017-12-18 23:16	1:00:00	45.9	81.5	54.9	39.5	48.5	47.8	45.4	43	42	82.8
80	2017-12-19 0:16	1:00:00	45	80.6	54.4	37.9	48.3	47.5	44.2	41.3	40.6	77.6
81	2017-12-19 1:16	1:00:00	42.1	77.7	50.6	33.9	45.9	44.9	41	37.1	36.4	77
82	2017-12-19 2:16	1:00:00	39.8	75.4	50.1	32.7	43	42.3	39.1	35.8	35.1	86.7
83	2017-12-19 3:16	1:00:00	39.2	74.8	49.7	33.9	41.6	41.1	38.9	36.3	35.7	86.1
84	2017-12-19 4:16	1:00:00	39.5	75.1	44.9	35.4	41.4	40.9	39.2	37.7	37.3	79.6
85	2017-12-19 5:16	1:00:00	41.1	76.7	46.3	37.2	43.2	42.7	40.9	39.2	38.7	86.3
86	2017-12-19 6:16	1:00:00	40.3	75.9	46.5	36.6	42.2	41.8	40	38.3	37.9	88.3
87	2017-12-19 7:16	1:00:00	42.5	78.1	63.5	37.5	44.1	43.4	41.6	39.5	39.1	95.6
88	2017-12-19 8:16	1:00:00	43.8	79.4	66.3	39.8	44.9	44.5	43	41.6	41.3	87.1
89	2017-12-19 9:16	1:00:00	45.1	80.7	59.4	40.6	47	46.3	44.5	43	42.6	92.8
90	2017-12-19 10:16	1:00:00	44.9	80.5	67.4	40.8	45.7	45.3	44	42.9	42.3	97.3
91	2017-12-19 11:16	0:01:37	51.4	71.3	67.4	42.2	58.3	51.6	44.7	42.9	42.7	96.2

Time Period	Max:	Min:	geo mean	Lp90
Daytime (7am - 7pm)	57.7	37.5	47.0	43.4
Evening (7pm-11pm)	61.4	41.9	50.0	46.2
Nighttime (11pm - 7am)	60.1	34.6	45.5	42.1

Appendix L4

Baseline Monitoring Results for R3 – 1220 Loch Broom Loop

Table L4: Baseline Noise Monitoring results for R3 - 1220 Loch Broom Loop

Record	Time	Measurement Time	LAeq	LAE	LAmx	L Amin	LA05	LA10	LA50	LA90	LA95	Lppeak
1	2017-12-15 16:26	1:00:00	41.1	76.7	62.3	32.6	44	42.7	39.7	36	34.4	100.3
2	2017-12-15 17:26	1:00:00	31.6	67.2	47.8	25	34	33.2	31	28.4	27.5	87.2
3	2017-12-15 18:26	1:00:00	28.3	63.9	41.8	23	31.6	30.4	27.2	25.2	24.8	73.2
4	2017-12-15 19:26	1:00:00	29.2	64.8	40.3	23.7	33	31.5	27.9	25.7	25.2	76
5	2017-12-15 20:26	1:00:00	27.9	63.5	43	22.2	30.8	29.5	26.9	24.8	24.2	80.5
6	2017-12-15 21:26	1:00:00	26.7	62.3	37.5	21.8	29.4	28.6	26.2	24.2	23.6	78.8
7	2017-12-15 22:26	1:00:00	31.3	66.9	42.7	23.6	35.9	34.5	29.5	26.3	25.7	69.3
8	2017-12-15 23:26	1:00:00	32.5	68.1	41.7	24	36.9	35.8	31	26.7	26.2	73.6
9	2017-12-16 0:26	1:00:00	28.8	64.4	43.8	21.9	33.3	31.7	25.9	23.1	22.8	71.1
10	2017-12-16 1:26	1:00:00	33.4	69	45.3	22.6	37.6	36.3	32.1	26.4	25	77.9
11	2017-12-16 2:26	1:00:00	29.7	65.3	43.3	19.5	35.7	33.9	26	21.4	20.9	80.8
12	2017-12-16 3:26	1:00:00	22.6	58.2	33.8	17.5	27.4	26.2	20.2	18.3	18	66.3
13	2017-12-16 4:26	1:00:00	28.3	63.9	50	18	31.9	28.6	22.3	19.3	19.1	78.6
14	2017-12-16 5:26	1:00:00	31.9	67.5	42.5	21	36.7	35.1	30.3	24	22.9	86.7
15	2017-12-16 6:26	1:00:00	35.9	71.5	51.2	28.5	39.4	38.3	34.8	32.2	31.2	89.8
16	2017-12-16 7:26	1:00:00	38	73.6	60.5	28.1	41.7	40.5	35.8	32.6	32	88.7
17	2017-12-16 8:26	1:00:00	41.6	77.2	64.2	30.6	44.5	43.2	38.4	35.1	34.6	97.4
18	2017-12-16 9:26	1:00:00	42.8	78.4	60.8	35.9	46	44.8	41.2	38.4	37.9	101.5
19	2017-12-16 10:26	1:00:00	43.6	79.2	53.6	36	47.6	46	42.3	40	39.3	102.6
20	2017-12-16 11:26	1:00:00	46.1	81.7	65.3	38.7	49.1	47.9	44.8	41.9	41	101.4
21	2017-12-16 12:26	1:00:00	45.4	81	56.6	38	49.4	47.9	44.2	41.2	40.2	104.9
22	2017-12-16 13:26	1:00:00	46.8	82.4	57.8	35.3	50.9	49.6	45.5	40.9	38.9	106.1
23	2017-12-16 14:26	1:00:00	44.8	80.4	57.9	35	49.4	47.9	43	39.2	38.3	104
24	2017-12-16 15:26	1:00:00	38.8	74.4	49.5	32	43	41.8	37.3	34.6	34	99.5
25	2017-12-16 16:26	1:00:00	40	75.6	52.1	32.9	44.5	42.7	38.2	35.2	34.6	102.2
26	2017-12-16 17:26	1:00:00	41.1	76.7	53.7	33.5	45.9	43.7	38.9	36	35.2	102.1
27	2017-12-16 18:26	1:00:00	44.6	80.2	59.7	35.9	49.2	47.3	42.4	38.8	38.1	104.5
28	2017-12-16 19:26	1:00:00	45.2	80.8	59.4	36.9	49.6	48.2	43.4	40.2	39.3	104.1
29	2017-12-16 20:26	1:00:00	45.7	81.3	56.5	37.2	50.3	49	43.8	40.2	39.5	104.1
30	2017-12-16 21:26	1:00:00	48.6	84.2	61.8	39.7	53.9	51.9	46.2	42.7	42.2	107.7
31	2017-12-16 22:26	1:00:00	46.9	82.5	59	37	51.6	49.8	45	39.5	38.7	105.2
32	2017-12-16 23:26	1:00:00	45.6	81.2	58.2	37.5	50	48.6	44	40.9	40.2	105.5
33	2017-12-17 0:26	1:00:00	47	82.6	58.4	38.9	51.6	50.2	45.3	41.9	41.2	105
34	2017-12-17 1:26	1:00:00	44	79.6	59.4	33.5	48.8	47	41.9	38	36.9	103
35	2017-12-17 2:26	1:00:00	43.4	79	58.5	34	49	46.8	40.8	37.4	36.7	105.4
36	2017-12-17 3:26	1:00:00	43.3	78.9	72.1	31.1	47.5	45.5	39.7	35	34.2	110.7
37	2017-12-17 4:26	1:00:00	43.5	79.1	54.4	33.6	48.4	46.8	41.3	37	36.1	102.3
38	2017-12-17 5:26	1:00:00	45.1	80.7	64.5	34.6	49.9	48	43	39.5	38.3	105.8
39	2017-12-17 6:26	1:00:00	44.6	80.2	59	35.9	49.2	47.4	42.4	39.2	38.4	108.8
40	2017-12-17 7:26	1:00:00	45.9	81.5	66.6	33.7	50.6	48.6	42.9	38.5	37.5	107.2
41	2017-12-17 8:26	1:00:00	39.4	75	63.2	29.7	43.2	41.4	37.3	34	33.3	98
42	2017-12-17 9:26	1:00:00	36.9	72.5	47.8	30.7	40.5	39.4	35.8	33.1	32.6	99.1
43	2017-12-17 10:26	1:00:00	43.3	78.9	64.7	33.5	46.8	45.2	40.3	36.7	36	100.7
44	2017-12-17 11:26	1:00:00	44.5	80.1	60.6	30.4	49.2	48	42.5	35.6	33.9	106.1
45	2017-12-17 12:26	1:00:00	44.9	80.5	63.2	35.5	49.7	48	42.8	38.8	38	103.2
46	2017-12-17 13:26	1:00:00	44.2	79.8	58.6	34.3	48.7	47.2	42.3	38.4	37.6	104.6
47	2017-12-17 14:26	1:00:00	42.8	78.4	62.4	32.3	47.5	45.9	40.5	35.7	34.9	102.7
48	2017-12-17 15:26	1:00:00	34.7	70.3	49.7	25.5	39.8	38	32	28.8	28.1	98.9
49	2017-12-17 16:26	1:00:00	32.6	68.2	43.3	24.3	36.7	35.2	31.3	28.1	27.2	89.6
50	2017-12-17 17:26	1:00:00	42.2	77.8	54.2	31.1	46.5	45.2	40.9	34.7	33.2	102.1
51	2017-12-17 18:26	1:00:00	42.5	78.1	56.2	33.6	47	45.4	40.3	36	35.2	103.1
52	2017-12-17 19:26	1:00:00	41	76.6	53.6	33.6	45	43.7	39.4	36.7	36	103.8
53	2017-12-17 20:26	1:00:00	39.4	75	53.2	30.1	44.5	42.4	36.7	32.6	31.9	101.4
54	2017-12-17 21:26	1:00:00	45.2	80.8	60.5	35.2	49.4	48	43.7	40.1	39.2	106.3
55	2017-12-17 22:26	1:00:00	43	78.6	53.7	35	47.2	45.7	41.6	38.2	37.2	101.3
56	2017-12-17 23:26	1:00:00	44.7	80.3	55.1	34.4	49.2	47.9	43.4	39.2	37.9	101.8
57	2017-12-18 0:26	1:00:00	44.4	80	59.1	32.7	48.8	47.5	42.1	37.4	36.6	105.3
58	2017-12-18 1:26	1:00:00	38.5	74.1	49.7	26.6	43.3	41.9	35.9	29.8	29.1	97.6
59	2017-12-18 2:26	1:00:00	37.4	73	54.2	28.6	41.7	39.8	35.1	30.8	30.1	97.5
60	2017-12-18 3:26	1:00:00	35.2	70.8	46.3	28.9	38.5	37.5	34.3	31.6	31.2	95.7
61	2017-12-18 4:26	1:00:00	36.7	72.3	53.5	25.8	41.5	40.1	34.8	29.6	28.6	94.9
62	2017-12-18 5:26	1:00:00	32.3	67.9	42.7	26.7	36.3	35	30.9	28.5	28	93.4
63	2017-12-18 6:26	1:00:00	31.3	66.9	41.2	25.8	34.5	33.4	30.4	28	27.5	88.4
64	2017-12-18 7:26	1:00:00	35.3	70.9	54.9	25	41.5	39.3	30.4	27.5	26.9	92.9
65	2017-12-18 8:26	1:00:00	31.3	66.9	55.4	23.6	35	33.1	28.6	25.5	25.1	79.7

Table L4: Baseline Noise Monitoring results for R3 - 1220 Loch Broom Loop

66	2017-12-18 9:26	1:00:00	35.2	70.8	67.7	23.7	34	30.6	27.1	25.3	24.9	100.5
67	2017-12-18 10:26	1:00:00	32.5	68.1	60.5	21.5	32.4	30.1	25.3	23.1	22.6	85.4
68	2017-12-18 11:26	1:00:00	30.3	65.9	49.9	21.7	34.7	32.7	26	23	22.8	83.8
69	2017-12-18 12:26	1:00:00	36.3	71.9	60.2	23.5	41.4	39.4	29.4	26.5	25.9	84.3
70	2017-12-18 13:26	1:00:00	40.8	76.4	62.3	22.2	45.1	37.7	27.7	24.6	24.1	83.3
71	2017-12-18 14:26	1:00:00	37.8	73.4	64.1	22.2	38.9	35.7	28.1	24.5	24.1	83.9
72	2017-12-18 15:26	1:00:00	28.8	64.4	41.1	24.1	32.9	31.1	27.2	25.5	25.2	75
73	2017-12-18 16:26	1:00:00	34.3	69.9	48.8	28.6	37.1	36.2	33.1	30.4	29.8	76.5
74	2017-12-18 17:26	1:00:00	36.3	71.9	48.4	28.9	40.6	39.4	34.4	31.4	30.9	72.9
75	2017-12-18 18:26	1:00:00	34.2	69.8	42.8	28.8	37	36.2	33.5	31.6	31	72.5
76	2017-12-18 19:26	1:00:00	34.1	69.7	44.9	26.7	37	36.2	33.4	30.8	29.4	75.6
77	2017-12-18 20:26	1:00:00	33.1	68.7	42.9	27.6	36.3	35.2	32.3	30	29.4	72
78	2017-12-18 21:26	1:00:00	28.4	64	41.7	21.9	32.6	30.7	26.1	23.7	23.3	86.3
79	2017-12-18 22:26	1:00:00	25.5	61.1	36.6	21	29.5	27.9	24.2	22.6	22.3	79.8
80	2017-12-18 23:26	1:00:00	36.6	72.2	48.8	25.7	41.4	40.2	34.1	28.2	27.4	80.8
81	2017-12-19 0:26	1:00:00	40.1	75.7	49.2	32.2	43.4	42.5	39.4	36.5	35.6	75.9
82	2017-12-19 1:26	1:00:00	43.2	78.8	51.1	38.1	46.1	45.2	42.7	40.4	39.7	74.3
83	2017-12-19 2:26	1:00:00	42.1	77.7	55.3	31.4	46.6	45.2	40.7	34.4	33.4	79.9
84	2017-12-19 3:26	1:00:00	41.3	76.9	50.9	29.8	45.5	44.3	40.6	34	33.4	81.5
85	2017-12-19 4:26	1:00:00	44	79.6	50.7	37.4	46.9	46.2	43.4	41.2	40.7	75.1
86	2017-12-19 5:26	1:00:00	42.7	78.3	50.1	37.2	45.8	44.8	42	39.6	39	86.2
87	2017-12-19 6:26	1:00:00	40.6	76.2	50.1	36	43.7	42.6	39.8	38.4	38	76.2
88	2017-12-19 7:26	1:00:00	46.4	82	70	37.7	48.7	47.7	44.7	41.3	39.7	83.4
89	2017-12-19 8:26	1:00:00	47.8	83.4	56.4	41.7	50.4	49.7	47.3	44.5	43.7	86.5
90	2017-12-19 9:26	1:00:00	46.6	82.2	68.2	41.2	48.9	48.3	46.1	44.1	43.4	100.8
91	2017-12-19 10:26	1:00:00	44.1	79.7	55.5	39.3	46	45.6	43.9	41.9	41.3	85.8
92	2017-12-19 11:26	0:29:44	44.3	76.8	60.2	38.5	48.1	46.8	42.8	41.1	40.7	92.6

Time Period	Max:	Min:	geo mean	Lp90
Daytime (7am - 7pm)	47.8	28.3	39.4	33.4
Evening (7pm-11pm)	48.6	25.5	36.1	31.6
Nighttime (11pm - 7am)	47.0	22.6	37.9	32.0

Appendix L5

Baseline Noise Monitoring Results for R4 – 108 Granton Abercrombie Branch Road

Table L5: Baseline Noise Monitoring results for L5 - 108 Granton Abercrombie Branch Lane

Record	Time	Measurement Time	LAeq	LAE	LAmaz	L Amin	LA05	LA10	LA50	LA90	LA95	Lppeak
1	2017-12-16 9:41	1:00:00	58.3	93.9	78.8	45.2	72.6	53.8	49.3	47.5	47	0
2	2017-12-16 10:41	1:00:00	52.5	88.1	77.4	44.5	61.4	51.5	48.5	46.7	46.3	0
3	2017-12-16 11:41	1:00:00	50	85.6	60.8	43.7	56.6	52.2	48.8	46.9	46.5	0
4	2017-12-16 12:41	1:00:00	50.8	86.4	64	44.5	57.9	53.5	49.1	46.8	46.2	0
5	2017-12-16 13:41	1:00:00	51	86.6	65	43.7	58.8	53.6	49.2	46.6	46	0
6	2017-12-16 14:41	1:00:00	50	85.6	61.8	42.9	57.6	52.9	48.3	45.7	45.3	0
7	2017-12-16 15:41	1:00:00	47.8	83.4	60.8	41.4	55	50	46.3	44	43.5	0
8	2017-12-16 16:41	1:00:00	48	83.6	60.1	40.7	55.2	50.6	46.3	43.8	43.3	0
9	2017-12-16 17:41	1:00:00	47.9	83.5	62.7	41.1	56.4	50.5	45.8	43.4	42.8	0
10	2017-12-16 18:41	1:00:00	50.2	85.8	65.6	40.9	59	53.2	47.7	44.6	43.9	0
11	2017-12-16 19:41	1:00:00	50.7	86.3	63.9	41.6	59.6	54.1	47.7	44.4	43.8	0
12	2017-12-16 20:41	1:00:00	51.5	87.1	65.9	42.7	60.5	54.5	48.7	45.7	45.1	0
13	2017-12-16 21:41	1:00:00	53	88.6	67.4	43.1	62.2	55.9	50.1	46.4	45.7	0
14	2017-12-16 22:41	1:00:00	51.9	87.5	67	42.6	61.2	55.3	48.7	45.4	44.9	0
15	2017-12-16 23:41	1:00:00	50.1	85.7	62.7	42.6	58.3	53	47.9	45	44.4	0
16	2017-12-17 0:41	1:00:00	51.9	87.5	67.2	42.4	60.6	55.1	49.2	45.5	44.8	0
17	2017-12-17 1:41	1:00:00	50.2	85.8	63.4	40.1	59.4	53.1	47.7	44.4	43.8	0
18	2017-12-17 2:41	1:00:00	50.9	86.5	63.4	41	59.9	54	48.1	44.7	43.8	0
19	2017-12-17 3:41	1:00:00	50.5	86.1	63.8	41.7	58.4	54	48	44.7	44	0
20	2017-12-17 4:41	1:00:00	51	86.6	63.1	42.4	59.2	54	48.8	45.4	44.7	0
21	2017-12-17 5:41	1:00:00	51.3	86.9	63.5	43.3	59.3	54.4	49	45.9	45.3	0
22	2017-12-17 6:41	1:00:00	52.5	88.1	64.6	44.3	59.9	55.6	50.7	47.3	46.7	0
23	2017-12-17 7:41	1:00:00	51.8	87.4	62.4	44.2	59.6	54.5	50.2	47.7	47	0
24	2017-12-17 8:41	1:00:00	50.2	85.8	66.7	42.2	59.7	51.9	48.2	45.6	45	0
25	2017-12-17 9:41	1:00:00	48.1	83.7	72.1	39.8	56.5	49.6	46	43.6	43	0
26	2017-12-17 10:41	1:00:00	48.5	84.1	60.2	42	54.9	51	47.2	44.8	44.2	0
27	2017-12-17 11:41	1:00:00	51.1	86.7	63.2	41	59.3	54	49.3	45.8	45.1	0
28	2017-12-17 12:41	1:00:00	51	86.6	66.5	43.3	59.5	53.5	49	46.3	45.8	0
29	2017-12-17 13:41	1:00:00	49	84.6	61.1	41.3	55.2	51.4	48	45.3	44.7	0
30	2017-12-17 14:41	1:00:00	48.2	83.8	61.7	41.8	54.8	50.4	47	44.6	44.1	0
31	2017-12-17 15:41	1:00:00	47.1	82.7	55.9	40.2	52.9	49.4	46.1	43.7	43.2	0
32	2017-12-17 16:41	1:00:00	48.3	83.9	59.5	43	55.5	50.5	47	44.9	44.4	0
33	2017-12-17 17:41	1:00:00	47	82.6	57.3	41.7	52.5	49	46.2	44	43.5	0
34	2017-12-17 18:41	1:00:00	47.9	83.5	59.6	42.2	54.7	49.9	46.9	44.7	44.2	0
35	2017-12-17 19:41	1:00:00	48.2	83.8	59.2	42.3	53.7	50.5	47.1	44.9	44.4	0
36	2017-12-17 20:41	1:00:00	48	83.6	60.3	42	54.3	50	47	44.7	44.2	0
37	2017-12-17 21:41	1:00:00	49.8	85.4	63.5	43.9	57.2	52.4	48.1	45.9	45.4	0
38	2017-12-17 22:41	1:00:00	48.9	84.5	59.9	42.6	55.9	51.1	47.8	45.4	45	0
39	2017-12-17 23:41	1:00:00	49.3	84.9	62.7	42.8	56.7	51.6	47.8	45.3	44.9	0
40	2017-12-18 0:41	1:00:00	47.9	83.5	60.2	40.1	55.4	50.4	46.3	43.9	43.3	0
41	2017-12-18 1:41	1:00:00	45.4	81	54.9	39.5	50.9	47.2	44.7	42.2	41.7	0
42	2017-12-18 2:41	1:00:00	43.7	79.3	50.9	38	48.2	45.7	43.1	40.9	40.2	0
43	2017-12-18 3:41	1:00:00	45.7	81.3	54.6	39.3	51.4	48.1	44.7	42.3	41.7	0
44	2017-12-18 4:41	1:00:00	47	82.6	56.1	41.1	52.8	49.3	46.1	43.8	43.1	0
45	2017-12-18 5:41	1:00:00	45.6	81.2	56.7	39.9	50.8	47.7	44.8	42.4	41.9	0
46	2017-12-18 6:41	1:00:00	49	84.6	60	40.7	54.6	51.5	48.1	44.6	43.9	0
47	2017-12-18 7:41	1:00:00	48.4	84	58.7	42.3	54.1	50.7	47.5	45.1	44.5	0
48	2017-12-18 8:41	1:00:00	44.1	79.7	57.5	36.8	51.5	46	43.1	39.5	38.9	0
49	2017-12-18 9:41	1:00:00	45.2	80.8	63.3	33.7	56.7	48.5	38.7	35.8	35.4	0
50	2017-12-18 10:41	1:00:00	43.4	79	68.2	31.1	55.2	44.5	36.3	33.7	33.1	0
51	2017-12-18 11:41	1:00:00	40.9	76.5	62.6	30.6	52.8	43	35.4	32.7	32.3	0
52	2017-12-18 12:41	1:00:00	39	74.6	56.8	31.2	48	41.1	36.5	34.3	33.8	0
53	2017-12-18 13:41	1:00:00	41.8	77.4	62.4	32.2	53	43	37.8	34.8	34.3	0
54	2017-12-18 14:41	1:00:00	46.9	82.5	59	36	54.6	50.7	44.4	40.6	39.9	0
55	2017-12-18 15:41	1:00:00	45.6	81.2	56.7	36.2	52.4	48.2	44.5	40.7	39.2	0
56	2017-12-18 16:41	1:00:00	42.6	78.2	60.5	35.4	48.4	44.8	41.6	38.9	38.1	0
57	2017-12-18 17:41	1:00:00	40.7	76.3	52.2	34.9	46.9	43.1	39.7	37.3	36.9	0
58	2017-12-18 18:41	1:00:00	40	75.6	54	34.6	46.4	41.6	39.2	36.9	36.4	0
59	2017-12-18 19:41	1:00:00	38.3	73.9	52.5	33.7	42.3	39.9	37.8	35.7	35.3	0
60	2017-12-18 20:41	1:00:00	37.1	72.7	47.6	32.9	42.6	39.2	36.1	34.5	34.2	0
61	2017-12-18 21:41	1:00:00	38.3	73.9	56.4	33	43.2	40.1	37.5	35.8	35.3	0
62	2017-12-18 22:41	1:00:00	40.3	75.9	56	32.3	46.7	42.9	39.1	35.8	34.6	0

Table L5: Baseline Noise Monitoring results for L5 - 108 Granton Abercrombie Branch Lane

63	2017-12-18 23:41	1:00:00	35	70.6	51.9	30	44.3	37	32.9	31.1	30.9	0
64	2017-12-19 0:41	1:00:00	32.8	68.4	45	29.6	38.5	34	31.9	31.1	30.8	0
65	2017-12-19 1:41	1:00:00	36.6	72.2	46.6	32.1	41.7	38.5	36.1	33.5	33.3	0
66	2017-12-19 2:41	1:00:00	36.5	72.1	47.7	33	40.4	37.9	36.1	34.6	34.3	0
67	2017-12-19 3:41	1:00:00	38.4	74	47.3	33.5	44.2	41.1	37.1	34.8	34.4	0
68	2017-12-19 4:41	1:00:00	41.7	77.3	50.7	35.1	47.2	44.2	40.7	38	37.3	0
69	2017-12-19 5:41	1:00:00	41.6	77.2	53	37	46.7	43.5	40.8	39.2	38.7	0
70	2017-12-19 6:41	1:00:00	43	78.6	54.7	38.7	48.2	44.9	42.2	40.6	40.1	0
71	2017-12-19 7:41	1:00:00	48.5	84.1	67.6	40.2	59.3	50	44.9	42.8	42.3	0
72	2017-12-19 8:41	1:00:00	46.2	81.8	71	40.7	52.5	47.2	44	42.4	42	0
73	2017-12-19 9:41	0:21:33	45.6	76.7	59.6	41.2	52.1	47.2	44.5	42.8	42.3	0

Time Period	Max:	Min:	geo mean	Lp90
Daytime (7am - 7pm)	58.3	39.0	47.2	42.4
Evening (7pm-11pm)	53.0	37.1	46.0	41.8
Nighttime (11pm - 7am)	52.5	32.8	44.9	41.0

Appendix L6

Temperatures During Noise Monitoring Event

Table L6: Temperatures during monitoring event

Date/Time	Year	Month	Day	Time	Average Temp (°C)
2017-12-15 14:00	2017	12	15	14:00	-3.80
2017-12-15 15:00	2017	12	15	0.625	-3.8
2017-12-15 16:00	2017	12	15	16:00	-4.43
2017-12-15 17:00	2017	12	15	17:00	-5.60
2017-12-15 18:00	2017	12	15	18:00	-5.93
2017-12-15 19:00	2017	12	15	19:00	-6.33
2017-12-15 20:00	2017	12	15	20:00	-7.27
2017-12-15 21:00	2017	12	15	21:00	-6.87
2017-12-15 22:00	2017	12	15	22:00	-8.27
2017-12-15 23:00	2017	12	15	23:00	-8.30
2017-12-16 0:00	2017	12	16	0:00	-8.37
2017-12-16 1:00	2017	12	16	1:00	-7.57
2017-12-16 2:00	2017	12	16	2:00	-7.33
2017-12-16 3:00	2017	12	16	3:00	-7.33
2017-12-16 4:00	2017	12	16	4:00	-7.47
2017-12-16 5:00	2017	12	16	5:00	-7.27
2017-12-16 6:00	2017	12	16	6:00	-7.43
2017-12-16 7:00	2017	12	16	7:00	-7.87
2017-12-16 8:00	2017	12	16	8:00	-7.43
2017-12-16 9:00	2017	12	16	9:00	-6.73
2017-12-16 10:00	2017	12	16	10:00	-5.90
2017-12-16 11:00	2017	12	16	11:00	-5.53
2017-12-16 12:00	2017	12	16	12:00	-5.47
2017-12-16 13:00	2017	12	16	13:00	-5.27
2017-12-16 14:00	2017	12	16	14:00	-5.87
2017-12-16 15:00	2017	12	16	15:00	-6.13
2017-12-16 16:00	2017	12	16	16:00	-6.93
2017-12-16 17:00	2017	12	16	17:00	-8.00
2017-12-16 18:00	2017	12	16	18:00	-8.47
2017-12-16 19:00	2017	12	16	19:00	-9.13
2017-12-16 20:00	2017	12	16	20:00	-9.23
2017-12-16 21:00	2017	12	16	21:00	-10.03
2017-12-16 22:00	2017	12	16	22:00	-10.67
2017-12-16 23:00	2017	12	16	23:00	-11.03
2017-12-17 0:00	2017	12	17	0:00	-11.27
2017-12-17 1:00	2017	12	17	1:00	-11.47
2017-12-17 2:00	2017	12	17	2:00	-11.33
2017-12-17 3:00	2017	12	17	3:00	-11.30
2017-12-17 4:00	2017	12	17	4:00	-11.53
2017-12-17 5:00	2017	12	17	5:00	-11.70
2017-12-17 6:00	2017	12	17	6:00	-11.20
2017-12-17 7:00	2017	12	17	7:00	-11.13
2017-12-17 8:00	2017	12	17	8:00	-11.20

Table L6: Temperatures during monitoring event

2017-12-17 9:00	2017	12	17	9:00	-10.70
2017-12-17 10:00	2017	12	17	10:00	-10.00
2017-12-17 11:00	2017	12	17	11:00	-9.33
2017-12-17 12:00	2017	12	17	12:00	-8.63
2017-12-17 13:00	2017	12	17	13:00	-7.90
2017-12-17 14:00	2017	12	17	14:00	-7.37
2017-12-17 15:00	2017	12	17	15:00	-6.77
2017-12-17 16:00	2017	12	17	16:00	-7.20
2017-12-17 17:00	2017	12	17	17:00	-8.00
2017-12-17 18:00	2017	12	17	18:00	-8.50
2017-12-17 19:00	2017	12	17	19:00	-8.77
2017-12-17 20:00	2017	12	17	20:00	-9.33
2017-12-17 21:00	2017	12	17	21:00	-10.00
2017-12-17 22:00	2017	12	17	22:00	-10.57
2017-12-17 23:00	2017	12	17	23:00	-11.00
2017-12-18 0:00	2017	12	18	0:00	-10.93
2017-12-18 1:00	2017	12	18	1:00	-11.40
2017-12-18 2:00	2017	12	18	2:00	-11.97
2017-12-18 3:00	2017	12	18	3:00	-12.40
2017-12-18 4:00	2017	12	18	4:00	-12.33
2017-12-18 5:00	2017	12	18	5:00	-12.43
2017-12-18 6:00	2017	12	18	6:00	-12.67
2017-12-18 7:00	2017	12	18	7:00	-12.90
2017-12-18 8:00	2017	12	18	8:00	-12.87
2017-12-18 9:00	2017	12	18	9:00	-12.23
2017-12-18 10:00	2017	12	18	10:00	-11.70
2017-12-18 11:00	2017	12	18	11:00	-10.20
2017-12-18 12:00	2017	12	18	12:00	-9.73
2017-12-18 13:00	2017	12	18	13:00	-8.70
2017-12-18 14:00	2017	12	18	14:00	-8.10
2017-12-18 15:00	2017	12	18	15:00	-7.43
2017-12-18 16:00	2017	12	18	16:00	-7.90
2017-12-18 17:00	2017	12	18	17:00	-8.73
2017-12-18 18:00	2017	12	18	18:00	-9.20
2017-12-18 19:00	2017	12	18	19:00	-8.47
2017-12-18 20:00	2017	12	18	20:00	-7.67
2017-12-18 21:00	2017	12	18	21:00	-7.03
2017-12-18 22:00	2017	12	18	22:00	-6.77
2017-12-18 23:00	2017	12	18	23:00	-6.50
2017-12-19 0:00	2017	12	19	0:00	-6.43
2017-12-19 1:00	2017	12	19	1:00	-5.93
2017-12-19 2:00	2017	12	19	2:00	-5.63
2017-12-19 3:00	2017	12	19	3:00	-5.53
2017-12-19 4:00	2017	12	19	4:00	-5.07
2017-12-19 5:00	2017	12	19	5:00	-4.73
2017-12-19 6:00	2017	12	19	6:00	-3.73
2017-12-19 7:00	2017	12	19	7:00	-3.10

Table L6: Temperatures during monitoring event

2017-12-19 8:00	2017	12	19	8:00	-2.63
2017-12-19 9:00	2017	12	19	9:00	-1.60
2017-12-19 10:00	2017	12	19	10:00	-0.97
2017-12-19 11:00	2017	12	19	11:00	-0.20
2017-12-19 12:00	2017	12	19	12:00	0.47
2017-12-19 13:00	2017	12	19	13:00	1.17
2017-12-19 14:00	2017	12	19	14:00	1.67